

Welcome to LMC

Connecting LMC with Our Community:

Los Medanos College is committed to connecting students, community organizations and businesses with LMC's educational opportunities. The aim of this college catalog is to provide equitable services for all students.



[Take a virtual tour of the campuses](#)

About the College

Contra Costa Community

College District – A Brief History

The Contra Costa Community College District (CCCCD) was established by a public vote on December 14, 1948. With boundaries roughly equal to those of Contra Costa County, CCCCDD covers 686 square miles, making it the eighth largest community college district in California. It serves and is supported by more than 1,000,000 residents of Contra Costa County. CCCCDD includes: Contra Costa College, opened in 1949 and located in San Pablo; Diablo Valley College, constructed in 1951, includes the Pleasant Hill Campus and San Ramon Campus; and Los Medanos College (LMC). In 1974, LMC opened the doors of its Pittsburg Campus to students and residents of eastern Contra Costa County. The College established the Brentwood Center in 1998, offering courses at the Liberty Union High School District Adult Education Center, and then in 2001 moved the Brentwood

Center into a leased facility on Sand Creek Road. In 2020, the Brentwood Center moved to its current location – a newly-constructed permanent facility at Pioneer Square.

Los Medanos College

Los Medanos College is an award-winning higher education institution. It is the leading force in the economic development of eastern Contra Costa County. Los Medanos College offers high quality instruction in short-term courses for career education programs to enhance job skills, technology training, and preparation for the workforce. Los Medanos College experienced and expert faculty teach courses for transfer credit at four-year institutions, general education and major coursework leading to associate of arts or science degrees, and to certificates of achievement. Support services focus on student success and achieving equitable outcomes for all students. From its welcoming campus culture to its state-of-the-art facilities, the College demonstrates its commitment to fostering an inclusive and supportive environment.

The Pittsburg Campus is located on 120 acres bordering Antioch, with an additional education center in Brentwood. The name of the College derives from the 8,000-acre Rancho Los Medanos, which was one of the last land grants made by the Mexican government when California was still a territory of Mexico. Rancho Los Medanos covered most of Pittsburg and Antioch, including the site of the College. Translated into English, Los Medanos refers to inland sand dunes or sand hills, which may be a reference to the sandy terrain that characterizes eastern Contra Costa County with its long history of sand mining.

Mission Statement

Los Medanos College provides our community with equitable access to educational opportunities and support services that empower students to achieve their academic and career goals in a diverse and inclusive learning environment.

Our Vision

Los Medanos College will be a leader in providing innovative, dynamic, and equitable educational experiences, support services, and career opportunities that empower students and transform our community.

Our Values

Excellence: We strive for **EXCELLENCE** in the academic

programs, support services, resources, facilities, and educational experiences that we provide to our students and community. We continuously work toward performing at the highest level, exceeding standards, and achieving our institutional goals.

Respect: All members of our campus community deserve –

and must be treated with – **RESPECT**. We honor the attributes, skills, abilities, and contributions of each individual, and are committed to treating one another with dignity, civility,

and compassion.

Diversity: We believe deeply in the important role of **DIVERSITY** in the success of our students and institution. We recognize that our highest potential – individually and collectively – can only be achieved when we: embrace and celebrate the diversity in our student body and community; hire, support, and retain a diverse and highly-qualified workforce; provide a wide array of diverse course offerings, academic programs, and support services; ensure that diverse perspectives and culturally-responsive

practices are reflected in our curricula and learning environments; and advocate for racial and social justice for all.

Integrity: We demonstrate **INTEGRITY** in the development

and delivery of all programs, services, and operations.

As good stewards of public resources and trust, it is incumbent upon us to educate and engage our students, colleagues, and community with honesty, transparency, and accountability.

Responsiveness: We demonstrate **RESPONSIVENESS** to serve our students and the community. Through strong collaboration with educational partners, business and industry, community-based organizations, and civic agencies, we are able to

effectively address the changing needs and dynamic

environment in our service area.

Accreditation Information

Los Medanos College is accredited by the Accrediting Commission for Community and Junior Colleges of the Western Association of Schools and Colleges, an institutional accrediting body recognized by the U.S. Department of Education and the Council for Higher Education Accreditation.

Institutions complete a self-evaluation process every seven years in order to have their accreditation status re-affirmed by ACCJC. The process includes internal and external evaluations of the College's performance, as defined by the ACCJC Standards for:

- Mission, Academic Quality and Institutional Effectiveness, and Integrity
- Student Learning Programs and Support Services
- Resources
- Leadership and Governance

Additional information about LMC's accreditation status and process is available online at:

www.losmedanos.edu/accreditation/

Los Medanos College Foundation

Everyone, regardless of economic and ethnic background, should have the opportunity to obtain an excellent education. Since 1997, the Los Medanos College Foundation has supported students to pursue the education they need to achieve successful futures.

The Los Medanos College Foundation partners with corporations, foundations, individuals, and alumni to support students in need. Funds raised go to student scholarships, emergency funds, and college enhancement programs. The foundation's work is essential because many of our students are

from low or middle class backgrounds, often the first-generation to attend college, while many also work and raise children.

Join us in supporting LMC students in their pursuits to become scholars, police officers, EMTs, nurses, firefighters, digital technicians, or skilled factory workers. The future contributions of each make all of us stronger as a community.

You believe. They achieve!

The Los Medanos College Foundation is a non-profit charitable organization and, as such, your contributions are tax deductible to the extent provided by law. To make a one-time donation, set up a monthly recurring gift, or explore legacy giving options, please visit

www.losmedanos.edu/foundation.

About the Catalog

About this Catalog

This catalog and curricular requirements within are in effect from Fall 2023 through Summer 2024.

Addendum

This catalog will be updated periodically as new courses are approved and new information becomes available. If an **addendum needed it will be provided at this link**

Sharing and Printing the Catalog

Hyperlinks are the best way to share information from the LMC catalog but you can also print individual pages to PDF for offline viewing and printing. The catalog would be many pages if you printed it all, so please only print the pages you need.

Non-Discrimination Policy

Los Medanos College complies with all Federal and state rules and regulations and does not discriminate on the basis of race, religion, color, national origin, ancestry, physical or mental disability, medical condition, marital status, age, sexual orientation or gender. This holds true for all students who are interested in participating in educational programs and/or extracurricular school activities. Harassment of any employee/student with regard to the above characteristics is strictly prohibited. The lack of English language skills will not be a barrier to admission and participation in the college's education programs. Inquiries regarding compliance and/or grievance procedures may be directed to the Los Medanos College Title IX Officer and/or the Section 504/ADA Coordinator.

Alternative Media

This publication is available in other formats easily accessible by persons with disabilities. For information, contact the Alternative Media Specialist at (925) 473-7848 or TDD (925) 439-5709.

Telephone

Pittsburg Campus (925) 439-2181

Bookstore (925) 439-2056

Brentwood Center (925) 513-1625

TDD (925) 439-5709

Notice:

The information contained in this catalog details the anticipated programs, courses, rules, regulations, and fees of Los Medanos College. The college disclaims liability for any unintended errors in this publication and reserves the right to discontinue or postpone courses, and correct errors and omissions. All enrollment fees are subject to change. This catalog sets forth college policies for all college programs and services in accordance with the California Education Code, California Code of Regulations (Title 5), and District and college policies.

College Administration

Administration

Contra Costa Community College District Governing Board

- John E. Márquez, Ward 1
- Judy E. Walters, Ph.D, Ward 2
- Rebecca Barrett, Ward 3
- Andy Li, Ward 4
- Fernando Sandoval, Ward 5
- Ivan Hernandez, Student Trustee

District Interim Chancellor

- Mojdeh Mehdizadeh

Los Medanos College President

- Pamela Ralston, Ph.D.

Los Medanos College Management Team

- Nicole Almassey, Program Manager, Outreach & Welcome Services
- Rachel Anicetti, Academic/Student Services Manager, Transfer & Career Services
- Teresea Archaga, Program Manager, Student Life & International Students Program
- Rosa Armendariz, Dean of Equity & Inclusion (Interim)
- William Bankhead, Program Manager, Workforce & Economic Development
- Dave Belman, Dean of Student Success
- Jeffrey Benford, Dean of Counseling & Student Support
- Juliet V. Casey, Director of Marketing & Media Design
- Carl Chiu, Technology Systems Manager
- Carissa Craig, Academic/Student Services Manager, EOPS/CARE
- Robert Estrada, Bookstore Manager
- Angela Fantuzzi, Director of Early Childhood Lab School
- Dennis Franco, Dean of Career Education
- Rikki Hall, Director of Admissions & Records
- Natalie Hannum, Vice President of Instruction
- Maryanne Hicks, Associate Dean of Nursing & Allied Health
- Ryan Huddleston, Police Lieutenant
- Frank Ichigaya, Custodial Manager
- Tanisha M.J. Maxwell, Ph.D, Vice President of Student Services
- Carlos Montoya, Ed.D, Vice President of Business & Administrative Services
- Aprill Nogarr, Dean of Instruction
- Tammy Oranje, Financial Aid Supervisor
- Ryan Pedersen, Senior Dean of Planning & Institutional Effectiveness
- Virginia Richards, Manager of Disability Support Services
- Michael Schenone, Director of Maintenance & Operations

- Jinpa Tharchin, Business Services Supervisor
- Eileen Valenzuela, Office of Instruction Supervisor
- Leetha Robertson, LMC Foundation Manager (Interim)
- Nicole Trager, Ph.D., Dean of Instruction (Interim)
- Vacant, Dean of Workforce & Economic Development

Getting Started Applying for Admission

Student Outreach and Welcome Services

<https://www.losmedanos.edu/registration/>

The Student Outreach Office assists prospective and current students by introducing them to information, processes and resources that will increase their awareness of the college experience, inform them of educational options, and provide steps to help them reach their educational goals. The office will assist students complete the core Student Success and Support Programs services. The Office will provide the leadership to create and enhance outreach programs and efforts that focus on underrepresented and under-prepared students.

Student Classifications

- **New Student:** The applicant has never been enrolled LMC.
- **Returning Student:** The applicant has previously been enrolled at LMC, but has been away for two consecutive semesters or longer.
- **Continuing Student:** The student has been enrolled at LMC within the past two semesters.
- **Concurrently Enrolled/Special Admit Student:** The student is enrolled at LMC at the same time as being enrolled in the high school.

Who Is Eligible for College Admission?

Admission to Los Medanos College is open to the following:

1. Applicants who are 18 years of age or older, or
2. Graduates of a regionally accredited high school, or

3. Applicants who have passed the GED (General Educational Development) test or the California High School Proficiency Exam

Special Admissions

High School Students

Applicants who are concurrently enrolled in the K-12 system, or are approved for home study, based on the following guidelines:

- Student is 14 years of age or older and has completed the eighth grade or higher.
- Los Medanos College may accept special admission students for enrollment in courses provided they have:
 1. obtained written parental consent*;
 2. acquired a written recommendation of the principal or have an affidavit of home schooling;
 3. demonstrated adequate preparation in the discipline to be studied; and
 4. availed themselves of all opportunities to enroll in equivalent courses through their school of attendance.
- Special admit students are limited to seven units in Fall and Spring terms and five units during Summer session. Students wishing to appeal the unit limit must complete the Unit Limit Waiver section of the Special Admit Enrollment Form
- Special admit students 14-15 years of age must complete the Age Waiver section of the Special Admit Enrollment Form
- Special admit students shall conform to all LMC academic policies and regulations, as well as the code of conduct expected of all students.
- Los Medanos College reserves the right to exclude or limit enrollment into impacted programs and in other programs or courses where health, safety, instructional methodology, facility constraints, or legal requirements are deemed inappropriate for these special admit students.

Important Note: By giving consent, parents of concurrently enrolled students agree they understand that the college is an adult learning environment and students are expected to behave accordingly. Additionally, they understand that classes will be taught at the college level and the curriculum and college procedures will not be modified, nor will other accommodations be made.

New and returning students – applications for admissions may be submitted online by visiting the college website at www.losmedanos.edu. After the application is uploaded, students will receive an email with their student ID, User ID, registration date and password, and student email instructions.

Special admit students – New and returning students must submit a college application online. This application must be submitted prior to the Special Admit Enrollment/Concurrent High School Student registration date. Continuing high school students need not resubmit a college application.

International Students

Los Medanos College welcomes international students to our campus. Students from a variety of cultures contribute to the diverse student population at LMC. Los Medanos College has authorization under federal law to enroll nonimmigrant students.

Applications for international student admission must be submitted by July 1 for the Fall semester and December 1 for the Spring semester. Applications and information packets are available online: www.losmedanos.edu/inted. For information, call (925) 473-7552.

English Assessment (must have been completed within the last two (2) years:

TOEFL iBT- LMC Code is 4396 61

Special Home Edition

TOEFL iTP

Institutional TOEFL

only accepted for study abroad students from
partner institutions 500

IELTS Academic

International English

Language Testing System 5.5 (minimum band score of 4.5)IELTS Home Edition

Cambridge English Advanced (CAE) 160

iTEP Academic

International Test of English Proficiency 3.5

iTEP Home Edition

PTE Academic

Pearson Test of English Academic 45

GTEC CBT

Global Test of English Communication 1100

Step Eiken 2A

Duolingo

Duolingo Home Edition Test score of 90

Conditional Letter of Admission will be issued for applicants
who meet the requirements below:

International Education Center (IEC @ DVC):

Completion of Advanced B Level Certificate

ELS Language Centers:

Completion of Level 109 (EAP)

UC Davis Intensive English Program

Continuing and Professional Education:

Completion of Level 600 minimum 3.0 GPA;
grade of "B" or higher in writing

**Final IGCSE or O Level results with a grade of "C" or higher in one of the following: English Language- First language,
English as a Second Language

**Graduation from English medium international
baccalaureate (IB) Diploma Programme**

Graduation from school where English is the primary language of the institution along with a letter from the school on institutional letterhead stating that English is the medium of instruction.

Post Secondary Education (College/University)**Academic Records**

Transcript(s) from US Post-Secondary institutions showing one academic year of college level English with grade of "C"
or higher.

General Education Development Test (GED)

Applicants who pass a U.S. equivalent GED meet the high school graduation equivalency requirement for international student admission to Contra Costa College, Diablo Valley College and Los Medanos College.

Sufficient funds to cover the payment of tuition, fees,
and living expenses.

Health insurance fees will automatically be charged each semester when you register for courses.

International students must pay a nonresident tuition fee, in addition to enrollment fees.

The college does not have on campus housing and most students arrange their own housing.
Information on the Home Stay program can be found at www.diablovalleyhomestay.com

California Residency Information

For purposes of establishing tuition fees, students are identified as either residents or non-residents.

Residents: Those who have established legal status as a U.S. citizen, permanent resident, applicant for permanent resident status, or possess a visa that does not preclude establishing domicile in the U.S. (Title 5 sec. 54045) and have lived in California as legal residents for at least one year and one day prior to the first day of a new semester or term. Evidence may include at least two of the following: payment of California State income taxes, registering and voting in California elections, obtaining a California driver's license, owning and registering a car in California and more. The burden of proof to establish residency is on the student to demonstrate both physical presence in the state of California and intent to establish permanent California residence. Residency must be cleared by the end of the fiscal year. Additional information may be found at the college website, www.losmedanos.edu.

Non-citizens who meet residency requirements and who desire to enroll as a California resident must provide documentation from the Immigration and Naturalization Service in addition to the California residency documentation.

Nonresidents (out-of-state and international students): Those who do not meet the California resident requirements as stated above.

All questions concerning residence requirements and status should be directed to the Admissions & Records Office at (925) 473-7500 and www.losmedanos.edu/admissions/ or email Admissions at admissions@losmedanos.edu using your InSite email account.

Fees and Exemptions

Enrollment Fee for California

Legal Residents

As established by state legislation, enrollment fees* are \$46 (beginning Summer 2012) per unit for California residents.

* The District reserves the right to adjust the enrollment fee, based on changes in state legislation.

Tuition for Non-California Residents

Nonresident tuition for non-California residents* is \$364 per unit, in addition to the enrollment fee of \$46 per unit. The nonresident fee for non-U.S. citizens is \$364 per unit, in addition to the enrollment fee.**

* The District reserves the right to adjust the nonresident tuition fee consistent with applicable law.

EXEMPTIONS

Nonresident Tuition Exemption*

The VACA Act (Veterans Access, Choice and Accountability) was effective July 1, 2015. This act waives nonresident tuition for certain veterans and their dependents beginning Fall 2015 semester. Student veterans covered under Chapter 30 and 33 are eligible. For further information inquire at the Admissions & Records Office.

* (VACA, Veterans Access, Choice and Accountability Act, AB 13)

Nonresident Tuition Exemption (AB 540/SB 68)

A student is exempt from paying nonresident tuition if the student meets all of the following four requirements:

1. The student must have:

- Attended a combination of California high school, adult school, and California Community College for the equivalent of three years or more,

or

- Attained credits earned in California from a California high school equivalent to three or more years of full-time high school course work and attended a combination of elementary, middle and/or high schools in California for a total of three or more years,

and

2. The student must have:

- Graduated from a California high school or attained the equivalent prior to the start of the term (for example, passing the GED or California High School Proficiency exam),

or

- Completed an associate degree from a California Community College,

or

- Completed the minimum requirements at a California Community College for transfer to the California State University or the University of California,

and

3. The student must register as an entering student at, or current enrollment at, an accredited institution of higher education in California,

and

4. The student must file an affidavit with the college or university stating that if the student is a non-citizen without current or valid immigration status, the student has filed an application to legalize immigration status, or will file an application as soon as the student is eligible to do so.

AB 1313

Students who owe enrollment fees or other debts will be not be permitted to register for classes and will not receive a diploma until their debts have been paid.

AB 3101

Effective January 1, 2019, under the provisions of Education Code Section 68086 added by AB 3101, students enrolling only in noncredit courses shall not be subject to residence classification requirements.

Student Representation Fee (AB 1504)

Assembly Bill (AB) 1504, approved by the Governor on October 4, 2019, amended Section 76060.5 of the Education Code to require a community college to collect a student representation fee of \$2 at the time of registration. One dollar (\$1) of every two-dollar (\$2) fee collected shall be expended to support the Student Senate of the California Community Colleges (SSCCC), the statewide community college student organization recognized by the Board of Governors (BOG) of the California Community Colleges. The legislation is effective January 1, 2020.

AB 1504 also amends prior language regarding a student's choice to opt-out of the fee. Students must be provided an opportunity to opt out of the fee, without providing a reason at registration. This bill also eliminates the authorization of a student election to collect or terminate the additional fee.

Nonresident Tuition Exemption (AB 2000)

Effective January 1, 2015, students may be exempt from paying Nonresident Tuition under AB 540 if they attained credits earned in California from a California high school equivalent to three or more years of full-time high school coursework and a total of three or more years of attendance in California elementary schools, California secondary schools, or a combination of those schools. The student must also have received a diploma or equivalent in California.

AB2210 Exemption

Education Code section 68075.6 grants an immediate nonresident tuition fee exemption to eligible Special Immigrant VIA (SIV) holders and refugee students who settled in California upon entering the United States. This exemption is granted for one year from the date the student settled in California upon entering the United States.

This exemption applies to the following:

- Iraqi citizens or nationals (and their spouses and children) who were employed by or on behalf of the United States Government in Iraq (Pub.L. No. 110-181, § 1244)
- Afghan and Iraqi translators (and their spouses and children) who worked directly with the United States Armed Forces (Pub.L. No. 109-163, § 1059)
- Afghanistan nationals who were employed by or on behalf of the U.S. government or in the International Security Assistance Force (ISAF) in Afghanistan (Pub.L. No. 111-8, § 602)
- Refugee students admitted to the United States under Section 1157 of Title 8 of the United States Code

Nonresident Tuition Exemption (SB 150)

Concurrently enrolled students (high school students enrolled in college classes) who are classified as non-resident students for tuition purposes may be eligible for the SB150 waiver of non-resident tuition while still in high school. Students must be special admit part-time (enrolled in 11 units or less) students who currently reside in California and are attending high school in California. Students wishing to take advantage of this exemption should complete a residency reclassification form. Concurrently enrolled students (high school students enrolled in college classes) who are classified as non-resident students for tuition purposes may be eligible for the SB150 waiver of non-resident tuition while still in high school. Students must be special admit part-time (enrolled in 11 units or less) students who currently reside in California and are attending high school in California. Students wishing to take advantage of this exemption should complete a residency reclassification form. Forms and attachments should be submitted to the Admissions & Records Office using the California Residency Reclassification Request form on InSite located in the LMC Student Forms tile.

DACA (Deferred Action for Childhood Arrivals)

I-821 Approval Notice: Effective June 2014, students who have been given an I-821 Approval Notice (Deferred Action for Childhood Arrivals) may qualify for California residency with appropriate documentation. Please contact Admissions & Records for more information.

Student Union Fee Information

Based on a student vote in a campus election, a student union fee is required of all students (except CCPG waiver recipients, with CalWORKs, TANF, general assistance, and SSI). The fee is \$1.00 per unit, to a maximum of \$10.00 per academic year. The student union fee must be paid at the time of registration. The fee will contribute funding toward the construction and maintenance of a student center in upcoming years.

Student Activity Fee

The Student Activity Fee in the amount of \$5.00 per semester (Fall and Spring only) allows the Los Medanos College Associated Students (student government) to provide scholarships, leadership opportunities, cultural programs and other co-curricular programs for the college. It also funds programs such as the textbook on reserve program that allows students to check out course

textbooks for use in the library. Students may request a refund of the fee by submitting the Student Activity Fee Refund Request Form before the refund deadline.

Parking Fees

Parking permits are required during the following hours: 7:00 a.m.-11:00 p.m. (Monday-Thursday), and 7:00 a.m.-5:00 p.m. on Friday. Visit our parking and transportation page for all information about parking and parking fees. www.losmedanos.edu/parking

Returned Check Fee

Only cash or cashier checks will be honored for clearing checks returned for insufficient funds. The returned check fee is \$15.00. Records are held until the fee is cleared. Students who fail to clear debt for enrollment fees will be placed on hold.

Instructional Materials Fee

Instructional materials fees for certain selected courses may be paid at the time of registration, the first week of class or the materials may be purchased on your own. Authority for the charge is granted under Contra Costa Community College District Board Policy 5024. These instructional and other materials include but are not limited to: textbooks, tools, equipment and clothing if:

1. The instructional and other materials required for the course have a continuing value to the student outside of the classroom setting, or
2. The instructional and other materials are used in the production of an “end product” that has continuing value to the student outside the classroom setting.

At the beginning of each term, the instructor will inform you of the material specification. Students may choose to purchase the material on their own or may choose to pay the instructional materials fee.

Instructional materials fee refunds are provided to students who withdraw from school or drop the course by the required drop date. This refund is contingent upon the return of all usable materials. The instructor will verify that all materials have been returned and suitable for resale and reuse. Refund checks will be processed after the first two weeks of instruction and mailed to the student.

ADDITIONAL INFORMATION

Financial Holds

A hold may be placed on a student's record whenever that student has failed to pay any debt owed to the college or has failed to return a library book or other college property or equipment. Students who owe enrollment fees or other debts will be not be permitted to register for classes and will not receive a diploma until their debts have been paid. The hold will be removed once the student has cleared the obligation with the college.

If your debt remains unpaid, Los Medanos College may garnish your California state tax return through the state-mandated Chancellor's Office Tax Offset Program (COTOP). In this instance, a 33 1/3% administrative fee will be added to your delinquent balance. This balance will be forwarded for collection to the State Franchise Tax Board (FTB). In the event you are owed a state tax refund, win a California Lottery prize, or have unclaimed property to be distributed to you by the State of California Controller's Office for the upcoming tax year, California State Government Code sections 12419.2, 12419.7, 12419.10, and 12419.11 authorize the Office of the State Controller and the FTB to collect money owed to individuals and redirect these funds to pay the individual's debt owed to the agencies/colleges.

Student Payroll

Paychecks for all student employees are distributed at the payroll window in Business Services on the tenth of each month and the following four business days. If the tenth of the month should fall on a Saturday or Sunday, the paychecks will be distributed the Friday before. After 2 business days, paychecks will be mailed to the address of record. All student employees with a bank account are eligible for direct deposit. Direct deposit stubs are no longer printed but pay advices are now available for viewing online through InSite.

Veterans Benefits

Los Medanos College is approved for the training of veterans, dependents of deceased veterans, and children of disabled veterans under applicable federal and state laws administered by the Veterans Administration and the State Department of Veterans Affairs. Eligibility for benefits under any of these programs are determined by the appropriate federal or state agency. The College will make necessary certifications of enrollment and progress for such eligible students and will provide any desirable or necessary planning of programs of study. Certification of attendance depends upon the student being registered in the College, enrolled in courses, and requesting such certification. Priority registration appointments are available by request to active military personnel and to honorably discharged veterans.

Only courses which meet requirements for the major and degree objective indicated on the student veteran's educational plan will be certified for payment of benefits. If the educational objective has changed, the student must request a new evaluation. Los Medanos College is approved to certify for an associate degree or a certificate of achievement, as listed in the catalog, or for transfer majors approved for UCs and CSUs colleges only. Students may earn multiple degrees or certificates. Veterans are cautioned that some courses are less than a semester in length and benefits are paid according to chapter and load.

Student veterans must report any change in academic program to the Admissions & Records Office immediately. Failure to report changes, such as withdrawal from courses or from the college, will be interpreted as a violation of the Educational Benefits Act.

A GPA of 2.0 is required to meet graduation requirements. A veteran whose GPA falls below the required minimum average will be placed on academic alert. If the veteran does not improve their GPA to the required minimum by the end of this period, their veterans benefits will be terminated. Additionally, repeated withdrawals from courses may also result in unsatisfactory progress.

Unsatisfactory progress resulting in a status of progress alert will also result in the termination of benefits.

Six elective semester units will be granted toward the associate degree for honorably discharged veterans, provided that elective credit applies toward the student's educational objective. The credit will be granted upon verification of completion of a basic or recruit training program with the U.S. Armed Forces.

Additional information may be obtained from the Admissions & Records Office by calling (925) 473-7500, or from the Veterans Administration Regional office, San Francisco, (800) 827-1000.

Refund Policy

Fee refunds for students who withdraw from school or drop classes by the deadline for refunds will be automatically calculated at the District Office. Refunds for complete or partial withdrawals from school will be processed after the first two weeks of instruction. Refund checks will be mailed to the student address* on file with Admissions & Records. If the student paid by credit card through InSite, the refund will be processed as a credit to the credit card.

**If you have a new address, please change your address online through InSite prior to dropping classes.*

Financial Aid Enrollment Fee Refunds

If subsequent to paying enrollment fees, a student becomes eligible for financial aid and receives an enrollment fee waiver, the student will automatically be mailed a full refund check or a credit card credit will be issued according to the same refund processing cycle as enrollment fee refunds.

Parking Permit Refunds

Parking permit refunds will be made if the student drops all classes within the first two weeks of instruction for semester-length courses or by 10% of the length of short-term courses. Lost or stolen parking permits are not refundable.

Parking permits are sold through a third party vendor. Please go to our website to purchase parking permits. The parking decal must be returned to the Cashier's Office for a refund. Refunds will be provided by the vendor that sold the parking permit.

What you need to know

Registration and Enrollment Policies

To register and enroll in courses at Los Medanos College, follow these steps. Not only are the steps required, but they will support you in having a successful academic experience.

1. All students new to Los Medanos College, as well as those who have missed two or more consecutive semesters, must complete an application to Admissions using our online application. Applications for the Summer, Fall and Spring semesters are accepted beginning September 15.
2. New students applying to Los Medanos College are required complete a guided self-placement, complete orientation, and develop an education plan. New students applying to Los Medanos College are required complete guided self-placement, complete orientation, and develop an education plan. Students choosing not to complete guided self-placement, orientation, or educational plan will not receive priority registration while enrolled at the college.
3. Registration is set up on a priority system (see Course Enrollment Priority) and must be completed online.
4. Enroll in courses and pay appropriate fees (see FEES section).
5. Auditing or “sitting-in” classes is not allowed. All students who attend a class must complete the enrollment process for that class. Grades and/or credit will not be given to students who are not officially enrolled.

Open Course Policy

It is the policy of the Contra Costa Community College District that, unless specifically exempted by statute or regulation, every course, course section or class reported for state aid, wherever offered and maintained by the District, shall be fully open to enrollment and participation by any person who has been admitted to the College and who meets such prerequisites as may be established pursuant to California Code of Regulations, Title 5, Section 55000.

How to Register

All registration takes place on InSite, Student Planning or InSite App. Detailed instructions for the use of this system can be found on the college website at www.losmedanos.edu or in the [Schedule of Classes](#).

Open registration for students who choose not to utilize priority registration is available on scheduled days prior to the start of the term online through InSite. Students who need to have prerequisites cleared and special admit high school students may also use InSite to complete transactions.

Students should pay enrollment fees at the time of course enrollment; however fees must be paid in full prior to registration for the following term.

InSite and InSite Mail (Student Email)

InSite is the college's customized student portal to campus news, events and reminders, the LMC website, resources, and even real-time local weather. Students can access their class schedule, financial aid information, grades, and holds. This is also where students can check for schedule changes, notification of eligibility to register from the waitlist, reminders of class start dates, and online payment receipts. Important alerts will be posted here, such as emergencies and closures.

InSite is the portal to access InSite Mail, the college's official email system to students. Students are responsible for reading and responding to official communications sent to their InSite mail account.

The college recommends you forward your InSite email to a personal email account, so your messages are not missed.

Course Enrollment Priority

Enrollment is based on Title 5 mandates and college policy. Registration is based on a priority system which is described on the college website at www.losmedanos.edu.

Progress Evaluation by Faculty

Any student has the right to request and obtain an informal grade evaluation by their instructor prior to the mandatory drop date. In order for a student to make a knowledgeable decision of retention in a class and to increase motivation for improvement, the student needs to know their standing in each course.

Address Changes

Students should notify the Admissions & Records Office of changes of address. Address and phone number changes should be submitted by going into InSite on the college website, (www.losmedanos.edu). Students who are also working as employees of the college should submit address, phone and/or e-mail changes to Human Resources.

Withdrawal and Drop Policy

Upon entering Los Medanos College, students assume the responsibility of completing each course in which they are enrolled. Students are responsible for officially withdrawing from any classes in which they no longer wish to attend; it should not be assumed that an instructor will process the drop when a student quits attending. Non-attendance and non-payment of fees does not release the student from this responsibility and may result in a failing grade and a debt on their record.

Students may drop on InSite, prior to the designated deadline for dropping classes.

Withdrawals

- Students who have documented extenuating circumstances such as accidents, illness or other situations beyond the control of the student, may apply for a withdrawal after 75% of the term.
- A 'W' shall not be assigned if the student withdraws due to the impact of fire, flood or other extraordinary conditions (petition required).
- In the case of discriminatory treatment or retaliation for discriminatory treatment a 'W' shall not be assigned.
- Active or reserve military students who receive orders compelling a withdrawal from courses will receive a military withdrawal which shall not be counted in the limit of withdrawals or progress alert.

Instructor Initiated Drops

Los Medanos College instructors have the following rights:

1. The right to drop students who fail to attend the first meeting of any course.
2. The right to deny permission to use an audio/video recorder in class.
3. The right to drop the student when he/she is absent during two consecutive weeks of lab or lecture or when students are tardy to the degree that classes and learning opportunities are disrupted.
4. The right to drop a student at any point that the instructor concludes that absences have irretrievably affected a student's progress in a course. An instructor may drop a student from a class for excessive absences. Reinstatement is the prerogative of the instructor. Students who are dropped by instructors during the first two weeks of a term, shall have no notation made on their permanent academic record. Students who are withdrawn by instructors between the end of the second week and the last day of the twelfth week or 75% of a primary term, whichever is less, shall have a "W" posted on their permanent academic record. (reference procedure Title 5, Section 55024)
5. The right to remove a student from a single course session and one following for conduct disturbing to the class or the instructor.
6. The right to recommend suspension of a student.

Prerequisites/Advisories

When registering for classes, students are required to adhere to enrollment policies that relate to prerequisites, co-requisites, and advisories.

In the Schedule of Classes, on the college website and in the course descriptions in this catalog, prerequisites and advisories are listed for certain courses and special information notes are included. This is a guide to assist students in selection of appropriate course levels for their maximum success. Catalog rights do not apply to prerequisites.

Important: To ensure proper placement, prerequisites for all classes will be checked at the time of registration. If you have taken a prerequisite course at a regionally accredited institution other than LMC, including high school, please submit transcripts or report cards using the Prerequisite Equivalency Request Form located in the LMC Student Forms tile on InSite so that prerequisites can

be verified.* References to “successful completion” requires a grade of “P” or “C” or better. Courses in progress outside the district will not be accepted as prerequisites. Advisories are recommendations only and need not be verified. Prerequisites may be challenged through the fifth day of the term for semester-length classes or through the last date to add for short-term classes.

* Prerequisites coursework will only be accepted from regionally accredited institutions, as recognized by the U.S. Department of Education.

Course Information

In each course, students are entitled to a course information sheet. The information about the course includes:

1. Title and catalog number
2. Instructor’s name, office, phone extension and office hours
3. Course overview, including instructional methods and goals
4. Course meetings and a tentative calendar of tests and special assignments
5. Textbooks and special materials required and information about appropriate audio-visual or “on reserve” materials in the Library
6. Policy on attendance
7. Evaluation criteria for grades

Instructional Materials

Board Policy 5017 states that each college of the Contra Costa Community College District may require students enrolled in credit or noncredit courses and programs to provide certain instructional and other materials including, but not limited to textbooks, tools, equipment and clothing if:

The instructional and other materials are used in the production of an “end product” that has continuing value to the student outside of the classroom setting.

Eligible students unable to buy their books may request assistance through the Office of Financial Aid and/or the LMC Foundation.

Zero Textbook Cost

Los Medanos College is committed to increasing access to education by helping students save money on textbooks. To achieve this, LMC offers Zero Textbook Cost (ZTC) sections of courses. These sections do not require any cost for students to obtain the required textbooks/software for that section.

Zero Textbook Cost (ZTC) sections are identified in the online schedule with the symbol and include classes where:

- All required texts may be obtained for free online
- All assigned textbooks are optional
- There are no required textbooks
- There are no costs for required software

In compliance with California Education Code Section 66406.9, all ZTC sections are indicated in online class schedules.

However, the ZTC status of sections may change before the start of the class. If a change is made it will be updated on the online schedule of classes. Additionally, if a ZTC indication is removed (and course materials are required to be purchased), all currently enrolled students in that section will be notified of the change via email.

More information regarding the Zero Textbook Cost initiative can be found at www.losmedanos.edu/OER

Duplicate or Conflicting Courses

Students are not permitted to enroll in more than one section of the same course and may not enroll in courses that have scheduled meeting times which conflict.

Attendance

Students are expected to be punctual and attend all courses in which they are enrolled. Students may be dropped by the instructor for failure to attend class in the following circumstances:

1. Failure to attend first class meeting
2. Absence from two consecutive weeks of lab or lecture
3. At any point when it is concluded that absences have irretrievably affected the student's progress

Grades should not be used as punishment for absences. However, academic grades may be lowered to the degree that instructors can estimate the loss of cognitive, affective, or skills learning due to student absences.

Equally, students can expect the instructors also to be punctual in their attendance. Instructors have a professional obligation to enforce this institutional policy within the dictates of their particular courses and within the bounds of professional discretion.

If a cancellation notice for that meeting has not been posted and the instructor has not arrived, students are automatically dismissed without penalty 15 minutes after the scheduled course starting time. If a course session started late, the instructor should still dismiss as scheduled.

To protect student rights against instructor error and opportunity and to explain mitigating circumstances, the due process of appeal will follow this order:

1. To the instructor;
2. If necessary, to the instructor and appropriate dean;
3. In unusual cases, to the instructor, appropriate dean and the President.

All courses are required to have a final examination or skill evaluation appropriate to the type of course.

Cancellation of Courses

The College reserves the right to cancel before or after the first day of instruction any planned or scheduled courses due to insufficient enrollment or inability to secure a qualified instructor.

Academic Policies and Standards

Evaluative Symbols/Grading Scale

SYMBOL AND DEFINITION GRADE POINTS

SYMBOL	DEFINITION	GRADE POINTS
A	Excellent	4
B	Good	3
C	Satisfactory	2
D	Passing, less than satisfactory	1
F	Failing	0

NP No Pass (less than satisfactory or failing — units not counted in GPA).

SP Satisfactory Progress towards completion of the course (used for noncredit courses only and is not supplemented by any other symbol)

Final Grades

Final grades can be accessed at the end of instruction, following instructor grade entry online. Students can check their final grades by logging into InSite at the college website.

Pass/No Pass Grade Option

The purpose of the pass/no-pass (P/NP) option is to allow students to take challenging courses while avoiding undue concern for their grade point averages. Students who select this option are, however, expected to complete the course, comply with attendance requirements, and comply with all other requirements of the course.

Selected courses have been labeled with “SC” to indicate student choice for the P/NP option. If students do not choose the P/NP option before the deadline, they will be issued a letter grade for the course. Students should discuss this choice with a counselor.

In order to exercise this option, a petition must be filed with the Admissions & Records Office by the published deadline. After the deadline has passed, the grading choice may not be reversed.

Important information related to the P/NP option:

- A “P” (pass) grade represents a letter grade of A, B, or C.
- An “NP” (no pass) grade represents a D or F letter grade.
- Units earned on a P/NP basis will not be used to calculate grade point averages.
- Units attempted for which NP is recorded will be considered in factoring alert and dismissal status.
- Units earned on a P/NP basis will apply to the 60 units required for an associate degree.
- Students should be aware that other colleges and universities may or may not limit the number of P units that will be accepted from transfer students.

Los Medanos College offers:

1. Some courses solely for a pass/no-pass (P/NP) grade
2. Some courses solely for a standard letter grade (LR)
3. Some courses in which the student may choose to complete the course for either a credit/no credit (P/NP) grade OR a standard letter grade (SC)

Courses offered as “P/NP” or “SC” are identified in the course description section of the catalog.

Non-Evaluative Symbols

I Incomplete:

Conditions for Assigning an Incomplete: Academic work that is incomplete for unforeseeable, emergency, and justifiable reasons at the end of a term may result in an "I" symbol being entered in a student's record.

Procedures for Use of Incomplete: An Incomplete form shall be filed with the Director of Admissions and Records and a copy given to the student by the instructor at the end of the term. This Incomplete form shall contain the condition for removal of the "I" and the grade assigned in lieu of its removal.

A final grade shall be assigned when the work stipulated has been completed and evaluated or when the time limit for completing the work has passed. If the instructor has not changed the grade by the end of the expiration date, the grade will convert automatically.

The incomplete must be made up no later than one year following the end of the term in which it was assigned. Each campus shall adopt procedures enabling a student in unusual circumstances to petition for an extension of the time limit. The "I" symbol shall be used only in calculating enrolled units for progress alert.

IP In Progress:

The "IP" symbol shall be used only in those courses which extend beyond the normal end of the academic term. It indicates that work is "In Progress," but that assignment of a substantive grade must await its completion. The IP symbol shall remain on the student's permanent record in order to satisfy enrollment documentation. The appropriate valuative grade and unit credit shall be assigned and appear on the student's record for the term in which the required work of the course is completed. The "IP" symbol shall not be used in calculating units attempted, nor for grade points. If

a student enrolled in an "open-entry, open-exit" course is assigned an "IP" at the end of an attendance period and does not re-enroll in that course during the subsequent attendance period, the appropriate faculty will assign a valuative symbol.

RD Report Delayed:

Only the Director of Admissions and Records may assign the "RD" symbol. This symbol is to be used when, for reasons beyond the control of the student, there is a delay in reporting the grade of that student. The "RD" is a temporary notation to be replaced by a permanent symbol as soon as possible. The "RD" symbol shall not be used in calculating units attempted, or for grade points.

W Withdrawal:

Withdrawal from a course shall be authorized through the last day of the fourteenth week of instruction or 75% of the course, whichever is less. No notation (W or other) shall be made on the academic record of the student who withdraws on or before the last business day prior to census.

1. The District may authorize withdrawal from a course in extenuating circumstances after the last day of the fourteenth week or 75% of the term, whichever is less, upon petition of the student after consultation with the appropriate faculty. Extenuating circumstances are verified cases of accidents, illnesses or other circumstances beyond the control of the student.
2. A "W" shall not be assigned, or if assigned shall be removed, from a student's academic record if a determination is made that the student withdrew from the course due to discriminatory treatment or due to retaliation for alleging discriminatory treatment.
3. A "W" shall not be assigned to any student who withdrew from one or more classes, where such withdrawal was necessary due to fire, flood or other extraordinary conditions.
4. A student may petition to take a course a fourth time; however, apportionment may not be claimed for the repeat if another "W" is received. The college must provide intervention in cases of multiple withdrawals.
5. Military Withdrawal occurs when a student who is a member of an active or reserve United States military service receives orders compelling a withdrawal from courses.
 1. Upon verification of such orders, a withdrawal symbol may be assigned at any time after the period established by the Governing Board during which no notation is made for withdrawals;
 2. Military Withdrawals shall not be counted in progress alert and dismissal calculations.
 3. "MW" shall not be counted for the permitted number of withdrawals.
6. Excused Withdrawal (EW) occurs when a student is permitted to withdraw from a course(s) due to specific events beyond the control of the student affecting his or her ability to complete a course(s) and may include a job transfer outside the geographical region, an illness in the family where the student is the primary caregiver, when the student who is incarcerated in a California state prison or county jail is released from custody or involuntarily transferred before the end of the term, when the student is the subject of an immigration action, or other extenuating circumstances.
 1. Upon verification of these conditions and consistent with the district's required documentation substantiating the conditions, an excused withdrawal symbol may be

- assigned at any time after the period established by the governing board during which no notation is made for withdrawals.
2. Excused Withdrawal shall not be counted in progress alert and dismissal calculations.
 3. Excused Withdrawal shall not be counted toward the permitted number of withdrawals or counted as an enrollment attempt.

Student Grade Appeals

Los Medanos College is committed to ensuring that students have a fair opportunity to request changes to course grades.

No grade may be challenged or changed more than one year after the end of the session in which the grade was assigned. A change of grade is any change involving the letters A, B, C, D or F and P/NP or CR/NC. Los Medanos College maintains a Procedure for Grade Appeals which details the steps for appealing a course grade. The steps that are included are in accordance with Board Policy and Education Code. The grade given each student shall be the grade determined by the Instructor. Under state law, the instructor's determination is final unless the grade given was the result of (1) mistake, (2) fraud, (3) bad faith, or (4) incompetence. (Ed Code Section 76224)

Students may access the full procedure and related Student Grade Appeal Form at <https://www.losmedanos.edu/students/grievance.aspx>

Earning Credit

Full-time status during Fall and Spring terms is 12 units; 6 units is considered full-time for Summer session; 19 units is the maximum load in Fall and Spring terms; 12 is the maximum load for Summer session. Students must request overload approval from Admissions & Records. Students should discuss the question of appropriate course load with a counselor.

Course Repetition Policy

Courses are not repeatable unless noted within the course descriptions listed in the catalog. Students may repeat a non-repeatable course only to alleviate a substandard grade of D, F or NC/NP.

Students are limited to enrolling in credit classes a maximum of three times. This includes students earning substandard grades or dropping with a "W".

Students earning substandard grades or dropping with a "W" may submit a petition for course repetition. Students will be notified upon registration if they are enrolling for a third time. Students requesting enrollment for one of the approved course repetition conditions will be blocked from registration and required to submit a Petition for Course Repetition. Students are urged to manage course load and be aware of the number of enrollments for a specific course, carefully consider dropping courses and understand all deadlines.

When a course is repeated to alleviate a substandard grade, the previous grade will be disregarded in computing the student's grade point average. The substandard grade will remain on the student's transcript with a notation that the course has been repeated.

Courses that are repeatable are noted in the college catalog with the number of repeats allowed. Students may not repeat a course beyond the maximum repeats, even to alleviate substandard grades.

Courses of similar content will be placed in "families". Students cannot repeat individual courses within a family and the maximum of enrollments within a family will be four.

Course repetition cannot be used to make up an "I" incomplete grade.

Academic Renewal Policy

Based on the Academic Renewal Policy, substandard grades may be disregarded if they are not reflective of a student's demonstrated academic ability. If Academic Renewal is approved, the student's permanent record will be notated with appropriate comments and the substandard (D, F, NC/NP) unit values will not be computed in the cumulative grade point average. The "renewed" courses and the related grades will not be removed from the record, as the district is required to show a complete and accurate academic record for every student (Title 5, Section 55046).

Students **MUST** meet with a counselor to review options for Academic Renewal, as this procedure is irreversible.

1. You may only utilize Academic Renewal one time within the District.
2. Only substandard grades will be renewed.
3. You must not have received any D, F or NC/NP grades since the substandard coursework (minimum 2.0 since substandard work).
4. allow up to 30 units to be alleviated. Courses within the District can be combined up to the maximum of 30 units, however each college will adjust units on its own transcript;
5. require that a student has completed either: a. Nine units of work with a 3.5 cumulative grade point average; b. 12 units of work with a 3.0 cumulative grade point average; c. 15 units of work with a 2.5 cumulative grade point average; or d. 20 units of work with a 2.0 cumulative grade point average. The unit count begins the semester after the last substandard grade was received. The course work upon which the application for alleviation is based, may have been completed within the Contra Costa Community College District or any other regionally accredited college or university.
6. allow upper division course work to meet the unit and GPA requirement for alleviation;
7. require that the student must have a minimum 2.0 GPA subsequent to the course work to be alleviated;
8. a minimum of one semester must have elapsed since the substandard grades were earned;
9. identify any courses or categories of courses, if any, which are exempt from consideration;
10. be exempt from consideration and are courses that have already been removed from the student's GPA by course repetition;
11. course work alleviated will be disregarded in the computation of the grade point average;
or
12. when academic work is alleviated from the computation of the grade point average, the student's permanent academic record shall be properly annotated in a manner to ensure that all entries are legible and provide a true and complete record of academic history

The unit count begins the semester after the last substandard grade was received. The coursework upon which the application for alleviation is based may have been completed within

the Contra Costa Community College District or any other

regionally accredited college or university, including upper division coursework.

- If you have coursework from another college, student must provide official transcript.
- Courses that have already been removed from GPA by course repetition cannot be reversed.
- Academic Renewal cannot be reversed.
- There is no minimum or maximum time limit (no waiting period since the substandard work).
- The processing time is two weeks.

Remedial Coursework Limitation

By state law, students are only allowed to enroll in a maximum of 30 units of remedial coursework. Remedial courses are non-degree applicable credit, basic skills courses. The 30 unit limit includes all remedial courses taken at the three community colleges within our district.

Students enrolled in ESL courses or officially identified as having a learning disability by the College Disabled Student Program are exempt from the 30 unit limit.

TRANSFER OF CREDIT

Credit from Other Institutions

Los Medanos College accepts credit from institutions accredited by one of the seven regional accrediting associations or follows the recommendation of the American Association of Collegiate Registrars and Admissions Officers. Transcripts are evaluated when the student requests an evaluation from Admissions & Records.

Credit for Military Experience

1. Applicable lower-division credit for verified completion of special military schools, as recommended by Guide to the Evaluation of Educational Experiences in the Armed Services, published by American Council on Education.
2. Six elective semester units may be granted toward the associate degree for honorably discharged veterans, provided the elective credit applies toward the student's educational objective. The credit will be granted upon verification of completion of a basic or recruit training program with the United States Armed Forces.

Credit by Examination

Credit by examination may be granted to eligible students, as authorized by California Administrative Code, Title 5, Sections 55002, 55023 and 55050, and Board Policy 4001. The credit by examination process provides an alternate means of receiving credit for designated courses offered at Los Medanos College (LMC).

Currently there are no courses approved for credit by exam.

Credit through High School Articulation

Los Medanos College will grant college credit for courses formally articulated with area high schools in occupation/career areas where articulation agreements have been signed between high schools and Los Medanos College. The students' high school instructors will provide agreed upon information for the college credit. Los Medanos College will only award high school articulation credit through the Career & Technical Electronic Management Application (CATEMA®).

Credit by Advanced Placement (AP)

Los Medanos College grants credit toward undergraduate degrees for successful completion of examinations of the Advanced Placement Program of the College Board. The policy for granting credit for specific scores and exams is presented in the table.

Students who participate in this program should indicate at the time they take the Advanced Placement Examinations that their scores be sent to Los Medanos College. Credit may not be earned at Los Medanos College for courses which duplicate credit already allowed for examinations as listed under course equivalents.

Note that credit granted at LMC based on AP scores may not be accepted at other institutions.

[View advanced placement chart](#)

[View College Level Examination Program Chart](#)

[View International Baccalaureate Examination Chart](#)

High School Credit

Students may use credit for courses completed at Los Medanos College toward completion of a high school diploma providing the high school agrees to accept the course for such purposes. Responsibility for making equivalency arrangements with the high school rests with the student.

Transcript Requests

In order to evaluate previous college course work that may apply toward prerequisite verifications, program planning, veteran certifications, graduation requirements, and financial assistance, students must request official transcripts from high school or other colleges to be sent to the Los Medanos College Admissions & Records Office. Once received by LMC, incoming transcripts cannot be released to the student or forwarded to a third party. Students may request an evaluation of college transcripts. The Admissions & Records Office must receive written authorization in order to release official LMC student records. Students may request their official transcripts online by logging into InSite. More information can be found at the college website.

Separate transcripts are maintained for each college within the district. Transcript requests processed through the college will only contain academic history for coursework completed at LMC.

Enrollment and Degree Verifications

Enrollment and Degree Verification are available online through the National Student Clearinghouse. To obtain free copies of official verification of enrollment (24 hours a day, 7 days a week), visit: www.losmedanos.edu. Log in to InSite and click on "Enrollment Verification" for this free service.

Students requesting an enrollment verification from the Admissions & Records Office will incur a charge, depending on the type of service requested.

If an agency needs to verify student enrollment or degree completion and will not accept a printed copy from the student, the agency should be referred to: National Student Clearinghouse, www.studentclearinghouse.org. Enrollment information is sent to the Clearinghouse three times each semester.

Waivers, Appeals and Complaints

Students who wish to request waivers, or file appeals or complaints on the basis of their Title 5 Matriculation Rights must follow the sequence of steps outlined below:

A. Initial Review of Waiver Appeal or Complaint

1. The student should contact the Dean of Student Success and complete an "Appeal or Request for Waiver" form or file a complaint regarding matriculation rights. The completed form should be submitted to the Dean of Student Success.
2. The Dean of Student Success will contact the student and schedule a meeting to discuss the problem and/or inform the student of the decision.
3. In the event that the appeal or request for waiver is not granted, the student will be advised of his/her rights to further appeal and the correct procedures to follow.

B. Appeal to the Vice President of Student Services

1. If the initial appeal or request for waiver is not granted and the student does not accept this decision, the student may next submit the initial form to the Vice President of Student Services for further review.
2. The Vice President will review the appeal or request for waiver and will meet with the student and/or inform the student of his or her decision concerning the matter.
3. In the event the appeal or request for waiver is not granted by the Vice President of Student Services, the student will be advised of his/her further right to further appeal and the correct procedures to follow.

C. Appeal to the President

1. If the student does not accept the Vice President's decision, the student may then submit the appeal or request for waiver to the College President.
2. The President will review the appeal and will meet with the student and/or inform the student of the final decision concerning the appeal or request for waiver.

Alert and Dismissal

Definition of Terms

- **Units Attempted:** A, B, C, D, and F (for calculation of GPA)
- **Units Enrolled:** A, B, C, D, F, W, I, P, and NP (for calculation of progress)
- **Consecutive Semester:** The order shown on academic record, including Summer session

NOTE: Non-degree-applicable course grades are not included in calculating the GPA for a degree.

Academic

- **Academic Alert:** Cumulative GPA under 2.0 with 12 or more cumulative units attempted.
- **Removal from Academic Alert:** Cumulative GPA 2.0 or better.
- **Academic Dismissal Status:** Three consecutive semesters of Academic Alert unless most recent semester GPA is 2.0 or higher.

Progress

- **Progress Alert:** With 12 cumulative units attempted, 50% or more are W, I, and/or NP.
- **Removal from Progress Alert:** Cumulative units completed are more than 50% of cumulative units attempted.
- **Progress Dismissal Status:** Three consecutive semesters of Progress Alert unless most recent semester student completes 50% or more of attempted units.

Notification of Alert and Dismissal

Students on Alert or Dismissal status are notified by the department of Student Success & Retention Programs as soon as possible, but not later than the end of the following term.

Students on Alert II and/or Academic Dismissal status are required to meet with a Student Success & Retention counselor.

Reinstatement for Academic Alert and Dismissal

A student on Alert I, II, or dismissal status will be required to complete the steps below prior to enrolling in courses. Requirements are based on students' respective status.

Alert I Status:

Step 1: Review notice of Alert I status emailed to insite.4cd.edu address

Step 2: Complete online Alert I Workshop

Alert II Status:

Step 1: Review notice of Alert II status emailed to insite.4cd.edu address

Step 2: Register and attend LMC Alert II Workshop

Step 3: Earn a minimum term GPA 2.0 or better with no grade below C, including NP, I or W.

Step 4: Submit Academic Progress Report (APR) by date specified to LMC Student Success & Retention Programs (SSRP).

Step 5: Meet with a Student Success & Retention Programs (SSRP) counselor by date specified

NOTE: Students on Alert II will lose their registration priority but may appeal their registration date with Admissions & Records. Students will also lose their eligibility for the California College Promise Grant (CCPG)- formerly known as Board of Governors (BOG) Fee Waiver. For more information on how to complete an appeal please check in with the Financial Aid Office.

Based on student cumulative GPA, one or more semesters may be required to remove a student from Alert II status.

Dismissal Status:

Step 1: Review notice of dismissal status emailed to insite.4cd.edu address

Step 2: Register online to meet with a Student Success & Retention Coordinator to begin the process for reinstatement

Step 3: Complete additional requirements and submit supporting documents.

Step 4: Receive notification of Petition for Reinstatement Status (i.e. approved, denied, or pending) at insite.4cd.edu address within 10 business days after submission of supporting documents.

Step 5: If reinstatement petition is granted, student may register for classes and must adhere to the following guidelines:

- Earn a minimum term GPA 2.0 or better with no grade below C, including no NP, I or W.
- Meet with a Student Success and Retention Programs(SSRP) counselor by date specified
- Submit Academic Progress Report (APR) by date specified to LMC Student Retention and Support Services to maintain admissibility.

Students who fail to earn a term GPA 2.0 or better with no grade below a C, including an NP, I or W and/or fail to submit an APR will be dismissed for a period of at least one semester. Based on student cumulative GPA, one or more semesters may be required to remove student from dismissal status.

NOTE: Students on Dismissal will lose their registration priority but may appeal their registration date with Admission and Records, if their Hold Release petition is approved. Students will also lose their eligibility for the CCPG waiver. For more information on how to complete an appeal, please check in with the Financial Aid Office.

Standards of Satisfactory Academic Progress (SAP) to Qualify for Financial Aid

Each student receiving financial aid in the District is expected to maintain satisfactory and measurable academic progress.

Satisfactory and measurable academic progress is defined within the District as successfully maintaining a minimum cumulative GPA (grade point average) of 2.0 (C or greater) and pace of progression of at least 67% cumulatively. Also, students must not have attempted more than 150 percent of the maximum units required for completion of the student's active academic program, as published by the institution

Warning

Any student not meeting the minimum requirements will be placed on "warning" status for the next term. Students on "warning" remain eligible to receive financial assistance during the one term warning period, after which they must meet the requirements in order to be considered on "satisfactory" status once again.

Suspension

Any student not meeting all of the academic requirements after the one term "warning" period, and/or not meeting the maximum timeframe requirement after any term, will be placed on "suspension" status. Students on "suspension" are no longer eligible to receive financial assistance (except for the CCPG, if otherwise eligible).

Financial Aid Appeals

Students on "suspension" have two options to have their eligibility for financial assistance reinstated:

1. Complete coursework (without receiving financial assistance) until all academic requirements have been met again, or
2. Complete and submit an Appeal that is approved by the Appeal Committee.

Based on extenuating circumstances that were beyond the student's control, students on "suspension" may complete and submit an Appeal to be considered for reinstatement of financial aid eligibility.

Examples of what is considered an extenuating circumstance for Appeal include but are not limited to:

1. Unable to complete your academic program within the maximum timeframe due to: a change of academic major, enrollment in a high-unit academic major or a major with a large number of prerequisite courses, or completion of ESL or remedial (Basic Skills) coursework.
2. Injury, illness or medical condition requiring a doctor's care (supporting documentation required) which greatly affected your ability to meet SAP.
3. Death of a family member, such as parents, brother/sister, grandparents, spouse, or child (supporting documentation required).
4. Other extenuating circumstances that were beyond the student's control (supporting documentation required) which greatly affected your ability to meet SAP.

The following circumstances are NOT considered to be extenuating and beyond the student's control:

1. Undocumented personal problems/issues that do not require professional intervention.
2. Poor time management, poor study habits, or lack of motivation.
3. Being unaware of institutional policies, guidelines, and/or procedures.
4. Not following your Educational Plan.
5. Other circumstances that were not extenuating and beyond your control, or did not greatly affect your ability to meet SAP.

Students are required to submit copies of supporting documentation with their Appeal. Examples of appropriate supporting documentation include:

1. Documentation of your academic major change (copy of the major change form) for maximum timeframe appeals.
2. Letter from a doctor/treatment center stating the date(s) of treatment and estimated recovery time.
3. Death certificate, obituary, or funeral program verifying the death of an immediate family member.
4. Police report, court documents, or other legal paperwork verifying an incident occurred.
5. Other documents/paperwork that you feel demonstrates a circumstance that was beyond your control.

Student Recognition and Honors

Honors Status & Dean's List

Notation of the academic achievement of honors status is printed on the student's record.

Full-time students who achieve a term grade point average of 3.0 or better in 12 or more units of graded courses in the fall or spring term are also recognized on the Dean's List for that term. The Dean's List is not available during the summer term.

Students who have been approved for Reduced Course Load of 6 or more units of graded courses who achieve a term grade point average of 3.0 or better and complete their approved number of units are also recognized on the Dean's List for that term.

Graduation with Honors

Students who achieve an overall grade point average of 3.5 or better for all coursework applied to the degree at the time of graduation are recognized with honors status. Notation of this academic achievement is printed on the student's record, on the diploma and in the graduation program.

Alpha Gamma Sigma (AGS)

is the academic honor society and service organization of the California Community Colleges. Initial membership is attained by completing 12 units with a cumulative grade point average of 3.0.

All life members of the California Scholastic Federation and those who graduated high school with a 3.5 GPA are also eligible for temporary membership during their first semester at LMC.

Permanent AGS status is achieved by maintaining active involvement in our chapter and a high GPA. Permanent membership is noted on the student's official college transcript.

For further information, contact the AGS Advisor.

Student Laws And Policies

Student Records and Privacy

Family Educational Rights and Privacy Act (FERPA) A cumulative record of enrollment, scholarship, and educational progress shall be kept for each student. Student records shall be maintained in a manner to insure the privacy of all records and shall not, except as otherwise herein authorized, permit any access to nor release of information therein. Students have the right to examine their own records and provision is made for the student to have copies of those records by written request and by payment of appropriate fees. Provision is also made for the student to challenge the accuracy of these records.

In conformance with federal and state laws, Los Medanos College hereby provides notice that the Contra Costa Community College District Governing Board has adopted a policy regarding access to student records maintained by the college.

Release of Student Records. No instructor, official, employee, or governing board member shall authorize access to student records to any person except under the following circumstances:

- Student records shall be released pursuant to a student's written consent.
- Directory information may be released in accordance with Board Policy, unless otherwise specified by the student.

Directory information shall include:

1. Student name
 2. Student participation in officially recognized activities
 3. and sports, including weight, height, and high school of
 4. graduation of athletic team members.
 5. Degrees and awards received by students, including
 6. honors, scholarship awards, athletic awards, and Dean's
 7. List recognition.
- Student records shall be released pursuant to a judicial order or a lawfully issued subpoena, or in the event of litigation towards the college district. If a parent or eligible student initiates legal action against an educational agency or institution, the educational agency or institution may disclose to the court, without a court order or subpoena, the student's educational records that are relevant for the educational agency or institution to defend itself.
 - Whenever there is included in any student record any information concerning any disciplinary action taken by a community college in connection with any alleged sexual assault, or physical abuse, or threat of sexual assault, or any conduct that threatens the health and safety of the alleged victim, the alleged victim of that sexual assault or abuse shall be informed within three days of the results of any disciplinary action by the community college and the results of any appeal. The alleged victim shall keep the results of that disciplinary action and appeal confidential.
 - Student records may be released to officials and employees of the District only when they have a legitimate educational interest to inspect the record. The assigned custodian of records at each campus determines access to student records.
 - Student records may be released to authorized representatives of the Comptroller General of the United States, the Secretary of Education, an administrative head of an education

agency, state education officials, or their respective designees or the United States Office of Civil Rights, where that information is necessary to audit or evaluate a state or federally supported educational program or pursuant to federal or state law. Exceptions are that when the collection of personally identifiable information is specifically authorized by federal law, any data collected by those officials shall be protected in a manner that will not permit the personal identification of students or their parents by other than those officials, and any personally identifiable data shall be destroyed when no longer needed for that audit, evaluation, and enforcement of federal legal requirements.

- Student records may be released to officials of other public or private schools or school systems, including local, county or state correctional facilities where education programs are provided, where the student seeks or intends to enroll or is directed to enroll. The release is subject to the conditions in Education Code 76225.
- Student records may be released to agencies or organizations in connection with a student's application for, or receipt of, financial aid, provided that information permitting the personal identification of those students may be disclosed only as may be necessary for those purposes as to financial aid, to determine the amount of the financial aid, or conditions that will be imposed regarding financial aid, or to enforce the terms or conditions of financial aid.
- Student records may be released to organizations conducting studies for, or on behalf of, accrediting organizations, educational agencies or institutions for the purpose of developing, validating, or administering predictive tests, administering financial aid programs, and improving instruction, if those studies are conducted in such a manner as will not permit the personal identification of students or their parents by persons other than representatives of those organizations and the information will be destroyed when no longer needed for the purpose for which it is conducted.
- Student records may be released to appropriate persons in connection with an emergency if the knowledge of that information is necessary to protect the health or safety of a student or other persons, subject to applicable federal or state law. The assigned custodian of records at each campus will make this determination.
- The following information shall be released to the federal military for the purposes of federal military recruitment: student names, addresses, telephone listings, dates and places of birth, levels of education, degrees received, prior military experience, and/or the most recent previous educational institutions enrolled in by the students.

Availability of Student Information

The following specific information is on file at the Admissions & Records Office and/or is available to students upon request.

1. The types of student records and information contained therein which are directly related to students and maintained by the institution.
2. The official responsible for the maintenance of each type of record, the persons who have access to those records, and the purposes for which they have such access.
3. The policies of the district for reviewing and expunging these records.
4. The right of the student to access to his/her records.
5. The procedures for challenging the content of student records.
6. The cost which will be charged for reproducing copies of records.
7. The categories of information which the institution has designed as directory information and the parties to whom such information will be released unless the student objects.

8. Any other rights and requirements set forth in Chapter 1.5 (commencing with Section 15430) of Division 18.5 of the Education Code.

Students Rights and Responsibilities

Students Have the Right to Ask the College:

- What it costs to attend and what the refund policies are if you drop out.
- How LMC determines whether you are making satisfactory academic progress and what happens if you're not.
- What kind of financial help is available, including information on all federal, state and college financial aid programs, not just loans.
- About the deadlines for submitting applications for each financial aid program and how recipients are selected.
- How your financial need is determined: including how costs for tuition, fees, housing, food, transportation, books, supplies, personal and miscellaneous expenses are considered in your cost of attendance.
- What resources (such as parental contribution, private scholarships, personal assets) are considered in the financial need calculation, and how much of your financial need (as determined by the college) is met.
- To explain the various elements in your financial aid package, and how and when you will receive your aid.
- To reconsider your financial aid application, if you believe you have extenuating circumstances.
- How much of your financial aid must be paid back, and what portion is grant or gift aid. If you are offered a loan, you have the right to know the interest rate, the total amount that must be repaid, repayment methods, scheduling payment with Department of Education, not Los Medanos College.
- About the effect outside scholarships may have on your financial aid award.
- For its statistics on crimes committed on and off campus, and for campus safety policies and procedures.

Student Responsibilities

Students have a responsibility to:

- Review and consider all information about the college's programs before enrolling.
- Compare your anticipated monthly student loan payments and other expenses to your expected income pay after college.
- Complete the financial aid application accurately and submit it on time at www.fafsa.gov. Intentional misrepresentation on an application for federal financial aid is a violation of law and a criminal offense subject to penalties.
- Read and keep copies of all forms and agreements you sign.
- Respond promptly and provide all required documentation, verification, corrections or new information to the appropriate office.
- Notify the college and lender promptly of changes in your name, permanent mailing address, telephone number or enrollment status.
- Know and comply with the deadlines for applications or reapplications for aid, and understand the school's refund policies.
- Repay your student loans, even if you don't complete your education, can't get a job or aren't happy with your education.

- File for a deferment or forbearance, or change repayment plans if you are at risk of default.
- Complete entrance counseling before you receive your first loan disbursement, and exit counseling before you leave school.
- Report in writing to your college financial aid office all additional financial aid resources you receive.

Religious Observance Policy for Students

As required in Education Code Section 76121, it is the policy of Los Medanos College to make every reasonable effort to allow students to participate in the religious observance of the students' faith without penalty.

It is the obligation of the student to provide written notice of the date(s) of religious observance on which they will be absent prior to the last day to add the course. Absence from class(es) or examinations for religious observance does not relieve students of responsibility for any part of the course work required during the period of absence. Any student who is eligible to take a test or examination will be permitted to do so, without penalty, at a time when that activity would not conflict with the religious observances of the student's faith. However, this requirement shall not apply in the event that administering the test or examination at an alternate time would impose an undue hardship (one requiring significant difficulty or expense) on the institution.

Non-Discrimination Policy

It is the policy of the Contra Costa Community College District and Los Medanos College to provide an educational and employment environment in which no person shall be unlawfully subject to discrimination on the basis of ethnic group identification, national origin, religion, age, sex, sexual orientation, race, color, medical condition, ancestry, marital status or physical or mental disability or based on association with a person or group with one or more of these actual or perceived characteristics. This holds true for all students who are interested in participating in educational programs and/or extracurricular activities. Unlawful harassment, discrimination or denial of access of any employee/student with regard to the above characteristics is strictly prohibited. The lack of English language skills will not be a barrier to admission and participation in the college's education programs.

Inquiries regarding compliance and/or grievance procedures may be directed to the Los Medanos College Title IX Officer and Section 504/ADA Coordinator:

Contact: Dr. Tanisha M.J. Maxwell, Vice President of Student Services

Email: tmaxwell@losmedanos.edu

Phone: (925) 473-7421

Requests for the elevation and addition of sports may also be directed to the Vice President.

Inquiries/Complaint Procedure

Students who have questions about the procedures for filing an unlawful discrimination or harassment complaint should contact the college Title IX Coordinator/Section 504 Coordinator, the Vice President of Student Services. The Vice President will provide information about Board Policy

2001 and Human Resource Procedure 1040.07 and the student's right to file a discrimination complaint. Students may follow the informal or formal complaint procedures. The Vice President can be reached by calling (925) 473-7421 or email, tmaxwell@losmedanos.edu.

Informal Procedure

Student-complainants have the option of following the informal complaint procedure, working with the Vice President of Student Services. The Vice President will meet with the student-complainant, the respondent, and other appropriate college personnel to attempt an informal resolution within 30 calendar days of receiving the complaint. A record of the complaint and resolution will be maintained.

Formal Procedure

Students also have the right to file a formal unlawful discrimination complaint. The Vice President will provide students with the District complaint form and forward the completed form to the District Vice Chancellor of Human Resources. Upon receipt of a formal complaint, the District will immediately notify the State Chancellor's Office. Within 10 calendar days of receipt, the District will commence an investigation of the complaint and notify the complainant. The District has 90 calendar days in which to investigate the complaint and report the administrative findings to the complainant and the State Chancellor's Office. The complainant may appeal the administrative determination to the District Governing Board within 15 calendar days of notice of such determination. The District Governing Board has 45 calendar days in which to act on the appeal.

Inquiries/Complaints on Basis of Disability

Inquiries regarding access, treatment, or employment on the basis of disability, should be directed to the College Section 504/ADA Coordinator, Vice President of Student Services, Los Medanos College, 2700 East Leland Rd., Pittsburg, CA 94565, (925) 473-7421, or TDD (925) 439-5709.

Reglamento de no discriminación

El Distrito de Colegios de la Comunidad de Contra Costa y el Colegio de Los Medanos por ley están comprometidos a ofrecer un ambiente con oportunidades de igualdad en programas educacionales y de empleo. El colegio no discrimina o apoya discriminación fundamentada en identificación de grupo étnico, origen nacional, religión, edad, sexo, orientación sexual, raza, color de piel, condición médica, ancestro, estado marital, incapacidad física o mental en cualquier nivel basado o asociado con personas y grupos con una o más de estas cualidades. Esto también aplica a todos los estudiantes que están interesados en participar en programas o actividades colegiales y/o actividades extracurriculares. Acoso ilegal, discriminación, denegación de acceso de cualquier empleado o estudiante con referencia a identificación a grupo étnico, origen nacional, religión, edad, sexo, raza, color de piel, ancestro, orientación sexual, Incapacidad física o mental es estrictamente prohibido. La falta de inglés no es impedimento para admisión o participación en los programas educacionales de este colegio.

Investigaciones en referencia sobre el cumplimiento y procedimientos reglamentarios pueden ser dirigidos a Los Medanos College Title IX Officer and Section 504/ADA Coordinador:

Contacto: Dr. Tanisha M.J. Maxwell, Vice President of

Student Services. (Vicepresidenta de Servicios Estudiantiles.)

Correo electrónico: tmaxwell@losmedanos.edu

Teléfono: (925) 473-7421

Investigaciones/Cumplimiento del Proceso

Los estudiantes que tengan preguntas o sientan que han sido discriminados pueden completar el procedimiento apropiado de denuncias sobre; reglamento de discriminación ilegal o acoso sexual, deben de notificar al Colegio Titulo IX Coordinador/Sección 504 Coordinador, Vicepresidenta de Servicios Estudiantiles (Vice President, Student Services.) Vicepresidenta proporcionará información acerca la ley y la póliza del 2001, el procedimiento de Recursos Humanos 1040.07 y los derechos del estudiante en como documentar la queja de discriminación. Los estudiantes pueden seguir el procedimiento de quejas informal o formal. Vicepresidenta puede ser localizado por teléfono al (925) 473-7421 o por correo electrónico tmaxwell@losmedanos.edu.

Proceso Informal

Si la queja no puede ser resuelta informalmente, el Presidente o la persona asignada deberá notificar al estudiante de sus derechos para presentar una queja formal de discriminación ilegal completando la forma de quejas de el distrito y enviarla al Vice Canciller de Relaciones Humanas De El Distrito.

Una vez recibida la queja formalmente, el distrito notificará (inmediatamente) a la oficina del Canciller Del Estado. Dentro de 10 días después de recibir la queja, el Distrito deberá comenzar una investigación y notificar al estudiante. El Distrito tiene 90 días para investigar la queja y reportar los resultados administrativos al estudiante y a la oficina del Canciller del Estado. El estudiante podrá apelar la determinación administrativa al Consejo Gubernamental Del Distrito dentro de los 15 días de la notificación de dicha determinación. El Consejo Gubernamental Del Distrito tendrá 45 días para actuar sobre la apelación. La falta de actuación del Consejo dentro de los 45 días, indicará la aprobación de la determinación administrativa. El estudiante tendrá el derecho de someter una apelación por escrito a la oficina del Canciller del Estado dentro de 30 días después que el Consejo Gubernamental emita la decisión final del Distrito o permita que la decisión administrativa sea final conforme a lo anterior. El Canciller tendrá la discreción de aceptar o rechazar cualquier petición semejante para revisar casos de discriminación de empleo.

Preguntas quejas a base de incapacidad

Preguntas en cuanto al acceso, tratamiento o empleo a base de incapacidad, deben ser dirigidas al Vicepresidenta de Servicios Estudiantiles De El Colegio Los Medanos, 2700 East Leland Rd., Pittsburg, CA 94565, (925) 473-7421, o

TDD (925) 439-5709.

Student Rights & Responsibilities

Student Responsibilities for Educational Goals and Participation

1. It is the student's responsibility to do assigned coursework and attend courses regularly.
2. It is the student's responsibility to drop courses they do not plan to attend.
3. Each student has the responsibility as to the completeness and correctness of their transcript to receive an associate degree or certificate of achievement.
4. It is the student's responsibility to verify the correctness and completeness of their transcript upon transferring to a four-year institution. It is the student's responsibility to pursue any discrepancies that may occur with the acceptance or non-acceptance of their transcript.

Academic Freedom

The Contra Costa Community College District affirms its belief in the academic freedom of faculty, management and students to teach, study, conduct research, write and challenge viewpoints without undue restriction.

Contra Costa Community College District, Board Policy, 2018

Freedom of Expression

Los Medanos College is committed to ensuring that all individuals are able to exercise their rights of free expression subject to the reasonable provisions for the time, place and manner of conducting such activities as contained in Board Policy 2019, Student Services Procedure 3025, and related college procedures.

Los Medanos College is a non-public forum, except for areas designated in Student Services Procedure 3025 and related college procedures as limited public forums. In general, expression in the form of speech or oral advocacy may be exercised in all areas of campus. However, the college reserves the right to limit public expression in, classrooms, libraries, faculty and administrative offices, student service areas and corridors adjoining those facilities where the resulting noise is incompatible with the essential functions of the campus.

No individual will be prohibited from engaging in protected expression based on its content.

Neither the Governing Board nor an administrator of Los Medanos College shall make or enforce a rule subjecting a student to disciplinary action solely on the basis of conduct that is speech or other communication that, when engaged in outside a campus of those institutions, is protected from governmental restriction by the First Amendment to the United States Constitution or Section 2 of Article I of the California Constitution. Students may be disciplined for harassment, threats, intimidation, or hate violence unless such speech is constitutionally protected.

Contra Costa Community College District, Student Services Procedure 3025

Student Organizations

Student Organizations include the Los Medanos College Associated Students (LMCAS) and other student clubs and/or groups which have been officially recognized by the College President or

designee. Recognized student groups may use college facilities without charge in accordance with policies and conditions established by the Governing Board and the College President.

Students are encouraged to join existing student organizations or to create their own. Policies concerning the formation and administration of student organizations are contained in “The Guide: Student Leader Handbook” available from the Office of Student Life. Students may also contact the Office of Student Life for a list of currently recognized student organizations.

Contra Costa Community College District, Board Policy, 3003

Student Participation in College Governance

One of the basic principles of governance in higher education is that authority derives not only from the powers vested in governing boards and their staff by law, but also from the knowledge and experience possessed by the faculty, staff and others. It is a complex process of consultation that demands from faculty, managers, classified staff, and students a respect for divergent opinions, a sense of mutual trust, and a willingness to work together for the good of the instructional enterprise.

Los Medanos College provides students the opportunity to participate effectively in governance through the associated student organization, Los Medanos College Associated Students (LMCAS), as the representative body to offer opinions and to make recommendations with regard to policies and procedures that have or will have a significant effect on students as defined in Title 5, Sections 51023.7.

The appointment of student representatives to serve on college and District councils, committees, task forces, or other governance groups will be made by LMCAS in consultation as appropriate with the President or his/her designee on college matters or with the Chancellor or his/her designee on District matters.

Students who are interested in participating in LMCAS should contact the Office of Student Life for more information.

Contra Costa Community College District, Administrative Procedure, 1009.01

Student Trips

In-state trips and off-campus activities, including intercollegiate athletic activities, organized to supplement an educational program may be approved by the College President or designee. Out-of-state and out-of-country trips must receive prior authorization by the Governing Board. All trips must be directly related to the curriculum or programs of the college, and generally defined as educational experiences which cannot be duplicated on campus. The California Education Code Section 72640 requires, in part, the following: “All persons making field trips or excursions shall be deemed to have waived all claims against the District or the State of California of injury, accident, illness, or death occurring during or by reason of the field trip or excursion.”

Contra Costa Community College District, Board Policy, 4002

Student Code of Conduct (CCCCD Student Services Procedure 3027)

I. INTRODUCTION

The Student of Code Conduct is statements depicting the Contra Costa Community College District's expectations regarding student standards of conduct, in both academic and nonacademic environments. Students are expected to obey all laws and District policies and regulations. Students shall be subject to discipline for violation of these laws, policies, and regulations. Student misconduct may also be subject to other regulations of the District, including but not limited to regulations regarding complaints of harassment, discrimination, intimidation, and bullying.

The primary purpose of the Student Code of Conduct is to support and protect students and to ensure their academic and personal success throughout their attendance at any of the colleges within the District. In addition, the Student Code of Conduct intends to educate students about rights, responsibilities, and violations under the Student Code of Conduct and the associated consequences. The Student Code of Conduct includes a defined process for the fair and impartial review and determination of alleged improper student behavior. The Student Code of Conduct also specifies the various sanctions that may be imposed on District students for violations of the Student Code of Conduct.

The Student Code of Conduct is designed to be consistent with the principles of due process of law. Reasonable deviations from the Student Code of Conduct will not invalidate a decision or proceeding. The Student Code of Conduct is not intended to prevent or limit lawful exercise of academic freedom or constitutionally protected free speech or expression.

II. DEFINITIONS

For the purpose of these Rules and Regulations, the following words and terms are defined as follows:

1. Student means all persons enrolled in any courses at the colleges in the district, regardless of where courses are taught, whether they are enrolled full-time or part-time, for credit or non-credit or not-for credit or contract education, and whether or not s/he is planning to earn a degree, certificate of achievement or other certification. Persons who are enrolled in online or hybrid courses are also considered 'students'. Persons who are not officially enrolled for a particular term, but who have been admitted to the college and enroll in courses from time to time, and have a continuing relationship with the college are considered 'students'.
2. Instructor means any academic employee of the District in whose class a student subject to discipline is enrolled, or counselor who is providing or has provided services to the student, or other academic employee who has responsibility for the student's educational program.
3. Governing Board means the Governing Board of the Contra Costa Community College District.
4. District means the Contra Costa Community College District, including but not limited to its administrative staff and each of its colleges.
5. College means a college operated and maintained by the District.
6. Member of the College Community means the District Trustees, the academic personnel, support staff, and administrative personnel of the District, the students of the District and any other person while on District or college property or at a District or college function or activity.
7. Day refers to a college day during which the District is in session and classes are held.
8. Good Cause, as defined in Education Code, Section 76033, refers to student conduct that will result in disciplinary action or sanctions in accordance with this procedure. Resulting disciplinary action may include removal, suspension or expulsion.

9. Sexual harassment is unwelcome conduct of a sexual nature, including (but not limited to) unwelcome sexual advances, requests for sexual favors, and other verbal, nonverbal, or physical conduct of a sexual nature.
10. Title IX Sexual harassment or Sexual Harassment under Title IX is limited to the following:
 1. Unwelcome conduct determined by a reasonable person to be so severe, pervasive, and objectively offensive that it effectively denies a person equal access to the institution's education program or activity;
 2. Sexual assault (as defined in the Clery Act), dating violence; domestic violence, or stalking, as defined in the Violence Against Women Act (VAWA). Title IX sexual harassment is also limited to conduct alleged to have occurred within an education program or activity (i.e. locations, events, or circumstances over which the institution exercises substantial control as to the respondent and the context in which the harassment occurred), against a person in the United States. Sexual harassment occurring outside the United States is not covered under Title IX sexual harassment. Sexual harassment that is not covered under Title IX sexual harassment will still be investigated and students will still be subject to disciplinary action. However, as outlined below, allegations of Title IX sexual harassment require additional procedural protections.
11. Sexual violence means any physical sexual acts perpetrated against a person's will or where a person is incapable of giving consent due to the victim's use of drugs or alcohol. An individual also may be unable to give consent due to minority/or an intellectual or other disability. A number of different acts fall into the category of sexual violence, including rape, sexual assault, sexual battery, and sexual coercion. All such acts of sexual violence are forms of sexual harassment.
12. Complainant means any member of the college community (student, faculty or staff member) who submits a charge alleging that a student violated this Code. A complainant who accuses a student of sexual harassment or sexual violence and who believes they are a victim of these prohibited actions will be guaranteed the same rights as the student accused, including the right to present witnesses and other evidence and to be accompanied by an advisor at a hearing, the right to be notified of the outcome of the complaint and the same appeal processes as are provided to the accused student. Complainants may not be entitled to know the exact level of discipline imposed due to privacy rights.
13. Preponderance of the evidence means the greater weight of the evidence (i.e. it is more likely than not that misconduct occurred).
14. Hate violence means any act of physical intimidation or physical harassment, physical force or physical violence, or the threat of physical force or physical violence, that is directed against any person or group of persons, or the property of any person or group of persons because of ethnicity, race, color, national origin, religion, sex, sexual orientation, gender identity expression, disability or political or religious beliefs of that person or group.
15. Affirmative Consent means an affirmative, unambiguous, and conscious decision by each participant to engage in mutually agreed-upon sexual activity.
16. Supportive measures means individualized services reasonably available that are non-punitive, non-disciplinary, and not unreasonably burdensome to the other party while designed to ensure equal educational access, protect safety, or deter sexual harassment. Supportive measures can include transfer of one party or another to different classes, counseling services, or other academic or transcript adjustments.

III. COMPLAINTS OF VIOLATIONS OF THE STUDENT CODE OF CONDUCT

A. Complaint Filed/Incident Reported

The District, through the college President or President's designee, will investigate all reports of alleged violations of the Student Code of Conduct. Anyone who believes a section of the Student Code of Conduct has been violated should contact the President's designee identified at each District campus. Reports of allegations are entered into a Districtwide system where it is assigned to the appropriate President's designee.

Additional Title IX Requirements

For allegations of Title IX sexual harassment only, a complainant (defined as an alleged victim of sexual harassment) must be participating in, or attempting to participate in an educational activity at the college/District. Therefore, complaints from former students will not be processed under the special requirements for Title IX complaints. A Title IX coordinator may also sign a complaint on behalf of an apparent victim of sexual harassment. They may, however, still be processed as outlined herein. If, after filing a formal Title IX complaint, the complainant wishes to dismiss the complaint, they may notify the Title IX coordinator or investigator in writing of their desire to do so. However, the District, in its discretion, may still pursue the investigation process if it is not clearly unreasonable in light of known circumstances. The District also may, in its discretion, dismiss a Title IX sexual harassment complaint if it learns that the respondent is no longer enrolled.

Lastly, the District may, in its discretion, dismiss a Title IX sexual harassment complaint if specific circumstances prevent it from gathering evidence sufficient to reach a determination regarding responsibility. Dismissal of the formal complaint under Title IX does not preclude action under another policy or code of conduct. Where a previously filed formal complaint is dismissed prior to completion of the investigation process, the college/District must give the parties written notice thereof, and the reasons therefor.

The college/District may, in its discretion, consolidate

formal complaints where the allegations arise out of the same facts.

B. Notice to Student

In all cases, the President's designee, will provide written notice to the accused student(s), providing them with (1) a description of the alleged violation(s); (2) the date and location of the alleged incident(s); and (3) a required date and time for the student to contact the President's designee to respond to the allegations.

Additional Title IX Requirements

With respect to allegations falling under the definition of "sexual harassment" under Title IX, the written notice to the student shall also include the identities of the parties involved. Additionally, both the accuser and the accused student must be informed in writing of their right to have an advisor or their choice present for the investigatory interview, and to review evidence obtained during the investigation. In addition, with respect to investigations involving allegations of Title IX sexual harassment, the written notice must include a statement that the respondent is presumed not responsible for the alleged conduct and that a determination regarding responsibility is made at the conclusion of the investigation process/appeal process. Lastly, the notice must include a statement informing the parties of any provision of the institution's student code of conduct that prohibits

knowingly making false statements or knowingly submitting false information during the investigation/appeal/hearing process.

C. Investigation of Allegations/Mediation

The investigator will conduct interviews as necessary to determine whether any violation of the Student Code of Conduct has occurred. Interviews may be conducted with the complainant, any witnesses, and the accused student. The investigator shall also review relevant documentation and other evidence.

For alleged violations of the Student Code of Conduct not subject to Title IX or California Senate Bill 493, the Student Conduct Officer may, in its discretion, determine whether informal resolution is appropriate

Additional Title IX Requirements

With respect to Title IX sexual harassment allegations, both the complainant and the respondent are permitted to have an advisor present during the interview. However, the advisor may not disrupt the investigation process and may not coach or answer on behalf of the party being interviewed,

Investigations should generally result in resolution within 90 calendar days after a complaint has been made, barring unexpected delays.

For allegations determined to be minor in nature by the President's designee, a voluntary alternative to the formal investigation and hearing process, as mutually agreed upon by the President's designee, the student, and any other involved individual, may be utilized as appropriate. The President's designee will select a trained mediator to assist the Student and Reporting Party in attempting to resolve the allegation. The mediator can be the College Disciplinary Officer, or any other employee of the District as designated by the College Disciplinary Officer. The College Disciplinary Officer or Designee may also utilize the services of an external mediator.

D. Findings and Determination

The President's designee will make one of the following findings following a thorough investigation of the allegations:

Not Responsible – The President's designee determines that insufficient evidence exists, by the Preponderance of Evidence standard, for a Finding of Responsible for the alleged violation(s). The case is closed and a record is retained.

Responsible – The President's designee determines that sufficient evidence exists, by the Preponderance of Evidence standard, for a Finding that the Student is Responsible for the alleged violation(s).

This determination may also be rendered through the Informal Administrative Resolution, where the student has admitted culpability for the alleged violation(s). The President's designee may close the case.

E. Standard of Proof

In all cases involving alleged violations of the Student Code of Conduct, the standard of proof for determining whether a Student is Not Responsible or Responsible is the Preponderance of Evidence standard (e.g., more likely than not). This standard of proof applies to the determinations made by the College President/Designee, Hearing Authority, and Governing Board as well.

F. Additional Requirements for Title IX Sexual Harassment Allegations

Before concluding the investigation, the President/Designee must provide the parties and their advisors, if any, equal opportunity to inspect and review any evidence obtained during the investigation that is directly related to the allegations raised in a formal complaint, even if the investigator has not relied on that evidence in reaching a determination. All inculpatory and exculpatory evidence must be included, except as provided for by law, and except for a party's medical, psychological, or similar treatment records, unless the party has provided a voluntary and consensual release for such records. The evidence must be provided to the parties in an electronic format or a hard copy, and the parties must be given 10 calendar days to submit a written response, which the investigator must consider before the completion of the investigative report. To the extent possible, the District shall use an electronic platform that prevents the downloading of the materials. Prior to permitting the review of such evidence, the investigator must obtain a signed nondisclosure agreement from the reviewing party to prevent the circulation of the evidence subject to inspection and review.

At the conclusion of the Title IX Sexual Harassment investigation, the investigator must create an investigative report that fairly summarizes relevant evidence. The investigator must send to the parties and their advisors, if any, the investigative report in an electronic format or a hard copy for their review and written response. The final investigative report must be provided at least 10 days before any hearing so the parties have time to review and provide written responses.

G. Additional requirements for all allegations of sexual harassment pursuant to California Senate Bill 493

In determining the appropriate sanction for violations of the Student Code of Conduct, the District's primary concern shall be student safety.

An individual who participates as a complainant or witness in any investigation related to sexual harassment/stalking will not be subject to disciplinary sanctions for violations of the Student Code of Conduct that occurred at the same time or near the time of the sexual harassment/stalking incident, unless the District determines that the violation of the complainant/witness was egregious. Offenses that the District considers "egregious" include, but are not limited to, actions that places the health or safety of any other person at risk or involve plagiarism, cheating, or academic dishonesty.

Any student who submits a complaint of sexual harassment, either verbally or in writing, shall be a provided with a copy of this policy, along with HR Procedure 1040.07 and Board Policy 2002. The respondent shall also be provided with a copy of these policies, regardless of whether the accused is another student, or an employee.

The investigation and adjudication of alleged sexual misconduct is not an adversarial process between the complainant, the respondent, and the witnesses, but rather a process for the District to comply with its obligations under existing law. The complainant does not have the burden to prove, nor does the respondent have the burden to disprove, the underlying allegation or allegations of misconduct.

The District shall ensure trauma-informed and impartial investigation of complaints. Student parties shall be given an opportunity to identify witnesses and other evidence to assist the District in determining whether a policy violation has occurred, and shall be informed that any evidence available but not disclosed during the investigation might not be considered at a subsequent hearing.

Regardless of whether or not a complaint has been filed under the institution's grievance procedures, if the District knows, or reasonably should know, about possible sexual harassment involving individuals subject to the institution's policies at the time, the District shall promptly investigate to determine whether the alleged conduct more likely than not occurred, or otherwise respond if the District determines that an investigation is not required. If the District determines that the alleged conduct more likely than not occurred, it shall immediately take reasonable steps to end the harassment, address the hostile environment, if one has been created, prevent its recurrence, and address its effects.

The District shall consider and respond to requests for accommodations relating to prior incidents of sexual harassment that could contribute to a hostile educational environment or otherwise interfere with a student's access to education where both individuals are, at the time of the request, subject to District policies.

Requests for Confidentiality

If a complainant requests confidentiality, which could preclude a meaningful investigation or potential discipline of the potential respondent, or that no investigation or disciplinary action be pursued to address alleged sexual harassment, the District shall take the request seriously, while at the same time considering its responsibility to provide a safe and nondiscriminatory environment for all students, including for the complainant. The District shall generally grant the request. In determining whether to disclose a complainant's identity or proceed to an investigation over the objection of the complainant, the District may consider whether any of the following apply:

- There are multiple or prior reports of sexual misconduct against the respondent.
- The respondent reportedly used a weapon, physical restraints, or engaged in battery.
- The respondent is a faculty or staff member with oversight of students.
- There is a power imbalance between the complainant and respondent.
- The complainant believes that the complainant will be less safe if the complainant's name is disclosed or an investigation is conducted.
- The institution is able to conduct a thorough investigation and obtain relevant evidence in the absence of the complainant's cooperation.

If the District determines that it can honor the student's request for confidentiality, it shall still take reasonable steps to respond to the complaint, consistent with the request, to limit the effects of the alleged sexual harassment and prevent its recurrence without initiating formal action against the alleged perpetrator or revealing the identity of the complainant. These steps may include increased monitoring, supervision, or security at locations or activities where the alleged misconduct occurred; providing additional training and education materials for students and employees; or conducting climate surveys regarding sexual violence.

The District shall also take immediate steps to provide for the safety of the complainant while keeping the complainant's identity confidential as appropriate. These steps may include changing living arrangements or course schedules, assignments, or tests. The complainant shall be notified that the steps the District will take to respond to the complaint will be limited by the request for confidentiality.

If the District determines that it must disclose the complainant's identity to the respondent or proceed with an investigation, it shall inform the complainant prior to making this disclosure or initiating the investigation. The institution shall also take immediate steps to provide for the safety of the complainant where appropriate. In the event the complainant requests that the institution inform the respondent that the student asked the District not to investigate or seek discipline, the District shall honor this request.

Past Sexual History

The investigator or hearing officer shall not consider the past sexual history of a complainant or respondent except in the limited circumstances permitted below:

The investigator or hearing officer shall not consider prior or subsequent sexual history between the complainant and anyone other than the respondent for any reason unless directly relevant to prove that physical injuries alleged to have been inflicted by the respondent were inflicted by another individual.

The investigator or hearing officer shall not consider the existence of a dating relationship or prior or subsequent consensual sexual relations between the complainant and the respondent unless the evidence is relevant to how the parties communicated consent in prior or subsequent consensual sexual relations.

Where the investigator or hearing officer allows consideration of evidence about a dating relationship or prior or subsequent consensual sexual relations between the complainant and the respondent, the mere fact that the complainant and respondent engaged in other consensual sexual relations with one another is never sufficient, by itself, to establish that the conduct in question was consensual.

Before allowing the consideration of any evidence proffered pursuant to this subdivision, the investigator or hearing officer shall provide a written explanation to the parties as to why consideration of the evidence is consistent with this clause.

Additional Requirements for Questioning at Hearing

The District shall prohibit questions of either party or of any witness that are repetitive, irrelevant, or harassing.

The District shall decide whether or not a hearing is necessary to determine whether any sexual violence more likely than not occurred. In making this decision, the District may consider whether the parties elected to participate in the investigation and whether each party had the opportunity to suggest questions to be asked of the other party or witnesses, or both, during the investigation.

Any hearing shall be subject to the following rules:

Any cross-examination of either party or any witness shall not be conducted directly by a party or a party's advisor.

Either party or any witness may request to answer the questions by video from a remote location.

Student parties shall have the opportunity to submit written questions to the hearing officer in advance of the hearing. At the hearing, the other party shall have an opportunity to note an objection

to the questions posed. The District may limit such objections to written form, and neither the hearing officer nor the District are obligated to respond, other than to include any objection in the record. The hearing officer shall have the authority and obligation to discard or rephrase any question that the hearing officer deems to be repetitive, irrelevant, or harassing. In making these determinations, the hearing officer is not bound by, but may take guidance from, the formal rules of evidence.

Generally, the parties may not introduce evidence, including witness testimony, at the hearing that the party did not identify during the investigation and that was available at the time of the investigation. However, the hearing officer has discretion to accept for good cause, or exclude, such new evidence offered at the hearing.

The preponderance of the evidence standard shall apply, and is met if the District determines that it is more likely than not that the alleged misconduct occurred, based on the facts available at the time of the decision.

The District shall provide a reasonably prompt timeframe for all of the major stages of the complaint process. These timelines may be extended for good cause only, and any need to extend the timelines shall be communicated to the complainant and respondent.

Investigations shall normally be completed within 90 days of the date the complaint was formally submitted. Both the respondent and complainant should be notified of the outcome within this 90 day period.

Appeals are governed by Title 5 of the California Code of Regulations and Title IX.

The District shall not unreasonably deny a student party's request for an extension of a deadline related to a complaint during periods of examinations or school closures.

The District shall provide a status update on the investigation if it is not possible to complete the investigation within the 90-day investigation timeline. Any extension of the 90-day timeline will be communicated to the complainant and respondent in writing, along with the reason for that extension.

The District will take steps to prevent recurrence of any harassment and to correct its discriminatory effects on the complainant and others, if appropriate.

Both the complainant and respondent will receive notice if the District is conducting a formal investigation. The notice shall include a brief summary of the allegations and the alleged District policy violations under review. Any new allegations that arise during the course of the investigation that could subject either party to new or additional sanctions shall be subject to the same notice requirements.

Student parties shall have the opportunity to each have a support person or adviser accompany the student party during any stage of the process.

Student parties have the right to consult with an attorney, at their own expense, at any stage of the process if they wish to do so. An attorney may serve as a support person or adviser.

The District has counseling resources available to student parties. Additional information regarding these resources may be obtained in the counseling departments of the individual colleges, or from the District/college Title IX Coordinators.

Both respondent and complainant, if both students, shall have equal rights to appeal if the outcome is a recommendation for suspension or expulsion, or any other penalty that results in a hearing.

Interim measures (e.g. stay away orders, counseling, academic accommodations, etc.) may be put in place during the pendency of an investigation. Supportive measures (e.g. stay away academic accommodation) may be provided in the absence of an investigation as well.

The District shall not mandate mediation to resolve allegations of sexual harassment, and shall not allow mediation, even on a voluntary basis, to resolve allegations of sexual violence.

The District shall not require that the complainant enter a voluntary resolution agreement or any other form of resolution as a prerequisite to receiving remedial measures from the institution which safeguard the complainant's access to education.

When requested by a complainant or otherwise determined to be appropriate, the District shall issue an interim no-contact directive prohibiting the respondent from contacting the complainant during the pendency of the investigation. An institution shall not issue an interim mutual no-contact directive automatically, but instead shall consider the specific circumstances of each case to determine whether a mutual no-contact directive is necessary or justifiable to protect the noncomplaining party's safety or well-being, or to respond to interference with an investigation. A no-contact directive issued after a decision of responsibility has been made shall be unilateral and only apply against the party found responsible.

Upon the issuance of a mutual no-contact directive, an institution shall provide the parties with a written justification for the directive and an explanation of the terms of the directive. Upon the issuance of any no-contact directive, the institution shall provide the parties with an explanation of the terms of the directive, including the circumstances, if any, under which violation could be subject to disciplinary action.

H. Retaliation Prohibited

Retaliation is prohibited against any individual for exercising rights under Title IX or this procedure, including the participating in or refusing to participate in the filing of a complaint, the investigation, or any proceeding or hearing.

Examples of prohibited retaliation include intimidation, threats, coercion, or discrimination, and specifically include bringing charges against an individual for code of conduct violations that do not involve sex discrimination or sexual harassment, but arise out of the same fact or circumstances as a report or complaint of sex discrimination or sexual harassment.

IV. GROUNDS FOR DISCIPLINARY ACTION

A. Students shall conduct themselves in a manner consistent with the Student Code of Conduct while on campus or participating off campus in online or hybrid courses, or at college sponsored events or programs, including but not limited to field trips, student conferences, debate competitions, athletic contests, club-sponsored events, and international study programs, regardless of location. Students shall also conduct themselves in a manner consistent with the Student Code of Conduct in

any matter related to school activity or attendance. Students shall be suspended or expelled only for good cause.

Jurisdiction: Students may be disciplined for violations of the Student Code of Conduct wherever the District has jurisdiction under existing law, including, but not limited to, situations involving sexual harassment and sexual assault, regardless of where and when such offenses occurred. The college may have an obligation to respond to student-on-student harassment that initially occurred off campus. Because students often experience the continuing effects of off-campus harassment in the educational setting, colleges should consider the effects of off-campus conduct when evaluating whether the District has jurisdiction to process the complaint. The college should take steps to protect a student who was assaulted off campus from further harassment or retaliation from the perpetrator and their associates.

The Student Code of Conduct applies to off-campus conduct when the effects of the off-campus conduct create a hostile environment or impact a substantial District/college interest. A substantial District/college interest may include:

1. Any action that constitutes a criminal offense as defined by law. This includes, but is not limited to, a single or repeated violation(s) of any local, state, or federal criminal statute or ordinance;
2. Any situation where it appears that a student may present a danger or threat to the health or safety (including emotional safety) of themselves or others;
3. Any situation that significantly impinges upon the rights, property, or achievements of self or others, or that significantly breaches the peace or causes significant disruption; and
4. Any situation that is detrimental to the educational interest of the District/college.

B. The following conduct shall constitute good cause for discipline, including but not limited to the removal, suspension, or expulsion of a student.

1. Acts of academic dishonesty, including, but not limited to:
 1. cheating defined as unauthorized copying or collaboration on a test or assignment, or the use or attempted use of unauthorized materials;
 2. tampering defined as altering or interfering with evaluation instruments or documents;
 3. fabrication defined as falsifying experimental data or results, inventing research or laboratory data or results for work not done, falsely claiming sources not used or fabricating or falsifying documentation to try to change a course grade;
 4. lying;
 5. plagiarism defined as representing someone else's words, idea, artistry, or data as one's own, including copying another person's work (including published and unpublished material, and material from the Internet) without appropriate referencing, presenting someone else's opinions and theories as one's own, or working jointly on a project, then submitting it as one's own; or
 6. assisting others in an act of academic dishonesty, defined as assisting another student in an act of academic dishonesty, such as taking a test or doing an assignment for someone else, changing someone's grades or academic records, or inappropriately distributing exams to other students.
2. Other forms of dishonesty, such as lying, plagiarism, knowingly furnishing false information, or reporting a false emergency to any college official, faculty or staff member or office or to the District;

3. Forgery, alteration, misappropriation or theft, misuse of any District or college document, record, key, electronic device, or identification including, but not limited to, unauthorized grade changes and forged signatures on official college forms;
4. Misrepresentation of oneself or of an organization to be an agent of the District;
5. Obstruction or disruption on or off District property of teaching or of the District's educational process, administrative process, disciplinary procedures, or other District functions and activities, on or off District property;
6. Disruptive behavior, willful disobedience, habitual profanity or vulgarity, or the open and persistent defiance of the authority of, or persistent abuse of, college personnel
7. Engaging in intimidating conduct or bullying against another student through words or actions, including direct physical contact, verbal assaults, such as teasing or name-calling; social isolation or manipulation; and cyberbullying.
8. Engaging in harassing or discriminatory behavior based on disability, gender identity, gender expression, nationality, race or ethnicity, religion, sexual orientation, or any other status protected by law.
9. Vandalism, graffiti, or other willful misconduct which results in cutting, defacing, or other damages to any real or personal property owned by the District or a member of the college community;
10. Assault, battery, violence or threat of violence, or any willful misconduct which results in an injury or death of a student or District personnel or behavior that threatens the health and safety of any member of the college community;
11. Theft of District property, or property in the possession of, or owned by, a member of the college community;
12. Violation of District or college policies or regulations including but not limited to those concerning the formation and registration of student organizations, the use of college facilities or the time, place, and manner of public expression or the distribution of leaflets, pamphlets, or other materials;
13. Failure to comply with the directions of District or college officials acting in the performance of their duties and/or failure to identify oneself to these persons when requested to do so;
14. The use, sale, distribution, or possession on District property of, or presence on District property while under the influence of, any controlled substances, or any poison classified as such by Schedule D section 4160 of the Business and Professions Code or other California laws on District property or at any District-sponsored event. Use of a prescription drug if the prescription was not issued to the student, or the distribution or sale of a prescription drug to a person to whom the prescription was not originally issued. Intentionally or recklessly inhaling or ingesting substances (e.g., nitrous oxide, glue, paint, etc.) that will alter a student's mental state is also prohibited. Possession of drug paraphernalia including, but not limited to, bongs or glass pipes is prohibited. This regulation does not apply when the person named on the prescription possesses the drugs or narcotics or when the drugs or narcotics are permitted for and are being used in research, instruction, or analysis;
15. Possession, consumption, sale, distribution or delivery of any alcoholic beverage on District property in college buildings or on college grounds, or at college-sponsored or supervised activities, regardless of their location, unless authorized by college officials;
16. Possession or use of explosives, dangerous chemicals, or deadly weapons on District property or at a campus function, without prior authorization of the College President;
17. Engaging in lewd, indecent, or obscene behavior on District-owned or controlled property or at a District-sponsored or supervised function;

18. Rape, date rape, sexual harassment, sexual violence, sexual assault, or threat of an assault upon a student or member of the college community on District property, or at a college or District-sponsored or supervised function;
19. Sexual misconduct, including sexual activity in the absence of affirmative consent. Sexual contact without affirmative consent is a form of sexual misconduct as is any intentional sexual touching with any object by a person upon another person, that is without affirmative consent and/or by force. Sexual contact includes intentional contact with the breast, buttock, groin, or genitals, or touching another with any of these body parts, or making another touch you or themselves with or on any of these body parts; or any other intentional bodily contact in a sexual manner, as well as non-consensual sexual intercourse, including vaginal or anal penetration by a penis, object, tongue, or finger, or oral copulation (mouth to genital contact), no matter how slight the penetration or contact;
20. Sexual assault, defined as actual or attempted sexual contact with another person without that person's consent, regardless of the victim's affiliation with the community college, including, but not limited to, any of the following:
 1. Intentional touching of another person's intimate parts without that person's consent or other intentional sexual contact with another person without that person's consent.
 2. Coercing, forcing, or attempting to coerce or force a person to touch another person's intimate parts without that person's consent.
 3. Rape, which includes penetration, no matter how slight, without the person's consent, of either of the following:
 1. The vagina or anus of a person by any body part of another person or by an object.
 2. The mouth of a person by a sex organ of another person.
21. Sexual exploitation, defined as a person taking sexual advantage of another person for the benefit of anyone other than that person without that person's consent, regardless of the victim's affiliation with the community college, including, but not limited to, any of the following:
 1. Prostituting another person.
 2. Recording images, including video or photograph, or audio of another person's sexual activity, intimate body parts, or nakedness without that person's consent.
 3. Distributing images, including video or photograph, or audio of another person's sexual activity, intimate body parts, or nakedness, if the individual distributing the images or audio knows or should have known that the person depicted in the images or audio did not consent to the disclosure and objected to the disclosure.
 4. Viewing another person's sexual activity, intimate body parts, or nakedness in a place where that person would have a reasonable expectation of privacy, without that person's consent, and for the purpose of arousing or gratifying sexual desire.
22. Unauthorized use of, or misuse of District property, including, but not limited to, unauthorized possession, duplication or use of District keys and/or unauthorized entry into, unauthorized use of, or misuse of District property;
23. Willful or persistent smoking in any area where smoking has been prohibited by law or by regulation of the Governing Board, or college policy;
24. Knowingly assisting another person in the commission of a violation of the Student Code of Conduct;
25. Misuse of computers and networks which includes but is not limited to utilizing an unauthorized account, password, campus network, interfering with normal computer operations, circumventing data protection schemes or uncovering security loopholes, or violating terms of the software agreements. It also includes unauthorized entry, use,

transfer, or tampering with the communications of others, and interference with the work of others, and with the operation of computer and electronic communications facilities, systems, and services;

26. Stalking, which is defined as engaging in a repeated course of conduct directed at a specific person that would cause a reasonable person to fear for their or others' safety or to suffer substantial emotional distress. For the purpose of this definition, course of conduct means two or more acts, including, but not limited to acts in which the stalker directly, indirectly, or through third parties, by any action, method, device, or means follows, monitors, observes, surveys, threatens, or communicates to or about a person, or interferes with a person's property; reasonable person means a reasonable person under similar circumstances and with the same protected status as the victim; substantial emotional distress means significant mental suffering or anguish that may but does not necessarily require medical or other professional treatment or counseling.
27. Unauthorized Electronic/Digital Recording. Electronic/digital recording by any person on District Property without that person's knowledge or consent. This definition shall not apply to recordings conducted in public or a commonly recognized public event. Electronic/digital recordings or streaming are prohibited in classrooms, labs, during lectures, or on field trips without the prior approval of the Instructor or having proper authorization by the College DSPS Office.
28. Unauthorized Use of Course or Copyrighted Materials. Students of the District will abide by all aspects of United States copyright law, Title 17 of the United States Code, to the extent possible, under authoritative interpretation of the law. Students shall not reproduce copyrighted materials without prior permission of the copyright owner, except as allowed by the "fair use" doctrine.
29. Willful disruption of the orderly operation of a college campus or District site/facility;
30. Leading or inciting others to disrupt scheduled and/or normal authorized activities;
31. Obstruction of the free flow of pedestrian or vehicular traffic on College premises or at college sponsored or supervised events;
32. Unauthorized preparation, giving, selling, transfer, distribution, or publication, for any commercial purpose, of any contemporaneous recording of an academic presentation in a classroom or equivalent site of instruction, including but not limited to handwritten or typewritten class notes, except as permitted by any District policy or administrative procedure.
33. Endangering the welfare of others, including a violation of any state or federal law relating to the placing at risk of physical or emotional harm of a member of the District community.
34. Failure to appear before a District official when directed to do so.
35. Failure to identify oneself to, or comply with the directions of, a District official, employee, policy, law enforcement, or other public official when requested to do so; or resisting or obstructing such District or other public officials in the performance of or the attempt to perform their duties.
36. Failure to obtain a permit when a permit is required.
37. Failure to: (a) repay debts to the District; (b) return District property; (c) return property of any member of the District community.
38. Knowingly and purposefully, causing, making, and/or circulating a false report or warning of an emergency, such as a fire, explosion, crime, or other catastrophe.
39. Participation in hazing or any method of initiation or pre-initiation into a campus organization or other activity engaged in by the organization or members of the organization at any time that causes, or is likely to cause, physical injury or personal degradation or disgrace which can inflict psychological or emotional harm to any Student or other person.

40. Engaging in the inappropriate usage of social media. Using social media to harass, intimidate, or threaten other individuals. Usage of social media that will have indirect or direct impact on an individual or interference with the educational process.
41. Misuse of identification, including transferring, lending, borrowing, altering or unauthorized creation of identification.
42. 42. Any other cause identified as good cause by Education Code section 76033, not identified above; or any applicable Penal Code sections, or other applicable local, state, or federal laws; and
43. Any other ground constituting good cause.
 1. Violation of parking laws, regulations, or rules shall not be cause for the removal, suspension, or expulsion of a student (California Education Code Section 76036).
 2. Nothing in these procedures shall preclude a student with a disability from receiving appropriate accommodations as identified by Disability Support Services.

V. RESPONSES TO CODE OF CONDUCT VIOLATIONS

The following actions and sanctions may be imposed, individually or in various combinations, on any student alleged or found to have violated the Student Code of Conduct. With the exception of situations involving alleged sexual misconduct, the following designations of “subject to appeal” and “not subject to appeal” apply.

Non-Disciplinary Action – Not Subject to Appeal

WARNING:

A warning is a written or oral notice to the student that continuation or repetition of certain conduct may result in disciplinary action.

REMOVAL FROM CLASS:

Exclusion of the student from class by an instructor. The period of removal will not exceed the day of the removal and, if deemed necessary, the next class meeting.

SUPPORTIVE MEASURES:

Measures taken to ensure equal educational access and protect safety. Measures may include transfer of one party or another to different classes, no contact orders, counseling services, or other academic adjustments.

Disciplinary Action – Not Subject to Appeal

WRITTEN OR ORAL REPRIMAND:

An admonition to the student to cease and desist from conduct determined to violate the Student Code of Conduct.

RESTITUTION:

Restitution is reimbursement by the student for damage to, loss of or misappropriation of property. Reimbursement may take the form of appropriate service by the student to repair property or otherwise compensate for damage.

PROJECTS AND ASSIGNMENTS:

Projects and assignments may include community service, educational projects and essays, service to the college, and other related discretionary assignments.

DISCIPLINARY PROBATION:

Probation is a status imposed for a specific period of time in which a student must demonstrate that his or her conduct conforms to District standards of conduct as set forth in these regulations.

Conditions may be imposed at the discretion of the District or the President's designee. Misconduct during the probationary period or violation of any conditions of the probation may result in more serious disciplinary action, such as loss of privileges, suspension, or expulsion.

LOSS OF PRIVILEGES:

Loss of privileges is the denial of extra-curricular activities or other special privileges for a designated period of time. Loss of privileges may also include facility access limitations. Violation of any condition or campus regulation during the period of sanction may result in far more serious disciplinary action, such as suspension or expulsion.

HOLD ON RECORDS:

Hold on Records which consists of withholding of student records or adding administrative holds on student accounts that restrict registration activities. The President's designee may impose such withholding when a student fails to repay debts to the District, return District equipment or make restitution to the District. A hold on records may also be asserted if a student does not comply to requests such as, but not limited to, required Administrative Review or appointments.

SHORT-TERM SUSPENSION:

Exclusion of the student by the President's designee for good cause from one or more classes for a period of up to ten consecutive days of instruction.

Disciplinary Action – Subject to Appeal

LONG-TERM SUSPENSION:

Exclusion of the student by the College President for good cause from one or more classes for the remainder of the school term, or from all classes and activities of the college for one or more terms, up to a maximum of five years.

Disciplinary Action – Final Determination Made By Governing Board

EXPULSION:

Expulsion is the permanent termination of student status by the Governing Board for good cause when other means of correction fail to bring about proper conduct, or when the presence of the student causes a continuing danger to the physical safety of the student or others. A student who is expelled is prohibited from participating in any college activities or programs and from entering District premises.

REVOCATION OF DEGREE OR CERTIFICATION:

A degree or certificate awarded from the college may be revoked for fraud, misrepresentation, or other violation of college standards in obtaining a degree or certification, or for other serious violations committed by a student prior to graduation.

VI. RECIPROCITY OF SANCTIONS

During a period of suspension from all classes at a college or expulsion, the suspension or expulsion shall apply to all colleges within the District. Other disciplinary actions or sanctions may apply to the student at all District colleges.

VII. DOCUMENTATION AND PROTECTION OF ALLEGED VICTIMS

Any disciplinary action imposed on a student, including oral warnings, must be documented in writing via written notice to the student, and in the student's records, as outlined below. Where the conduct of the student appears to have caused, will cause, or may cause an ongoing threat to others, including students or staff, the District shall consider any measures that may be appropriate to protect those individuals, including written directives to the student, seeking of a temporary restraining order, report to the police, etc. Where the alleged misconduct involves violation of the District's anti-discrimination and/or sexual harassment/sexual assault policies, the alleged victim must be provided with a copy of the District's complaint policies and procedures. In evaluating the type of discipline to be imposed, the President's designee must review the student's past disciplinary record to determine whether the student has been previously disciplined in the past, particularly for similar offenses. Where the student has been disciplined in the past for similar offenses, a more severe consequence must be imposed.

VIII. RECORD OF DISCIPLINARY ACTION

1. Education Code Section 76220 Requirements:

In accordance with Education Code section 76220, Community College Districts shall establish, maintain and destroy student records according to regulations adopted by the Board of Governors of the California Community Colleges. The President's designee will create a record of disciplinary actions, along with relevant supporting documents and evidence. Consistent with the Family Educational Rights and Privacy Act and District Student Services Procedure 3009, this record shall be maintained as a confidential student education record and may not be released without the permission of the student, except as permitted by law and policy. The student shall have a right to inspect the record and to challenge the contents. Disciplinary records shall be retained in a manner consistent with federal and state law and District policy, and may be destroyed in a manner consistent with District Administrative Procedure 1900.01.

2. Education Code Section 76234 Requirements:

In accordance with Education Code section 76234, whenever there is included in any student record information concerning any disciplinary action taken by the college or District in connection with any alleged sexual assault or physical abuse, including rape, forced sodomy, forced oral copulation, rape by a foreign object, sexual battery, or threat of sexual assault, or any conduct that threatens the health and safety of the alleged victim, the alleged victim of the sexual assault or physical abuse shall be informed within three (3) days of the results of any disciplinary action by the college and the results of any appeal. The alleged victim shall keep the results of that disciplinary action and appeal confidential.

3. Title IX requirements:

For any complaints involving allegations of Title IX sexual harassment, as defined above, the District must maintain documentation for seven (7) years, as required below:

1. Investigations, including any determination regarding responsibility and any audio or audiovisual recording or transcript, any disciplinary sanctions imposed on the respondent, and any remedies provided to the complainant designed to restore or preserve equal access to the institution's education program or activity;
2. Any appeal and the result therefrom;
3. Any informal resolution; and
4. All materials used to train Title IX coordinators, investigators, decision-makers, and any person who facilitates an informal resolution process.
5. Records of any actions (including any supportive measures) taken in response to a report or formal complaint of sexual harassment. In each instance, the institution must document the basis for its conclusion that its response was not deliberately indifferent, and document that it has taken measures designed to restore or preserve equal access to the institution's education program or activity.
6. If no supportive measures were provided to the complainant in a Title IX sexual harassment matter, the President/designee must document the reasons why such a response was not clearly unreasonable in light of the known circumstances.

IX. PROCEDURE FOR REMOVAL BY INSTRUCTOR

An instructor, for good cause, may remove a student from his or her class for the day of the removal and the next class meeting. (California Education Code Section 76032 and 76033.)

1. Procedures Before The Removal.

1. The instructor shall notify the student of the instructor's consideration of the removal from class and the reasons for the proposed removal.
2. The instructor may remove the student from the classroom immediately. Under normal conditions, the instructor should permit the student an opportunity to present a rebuttal to the accusation or otherwise offer relevant comment on the proposed removal. There need be no delay between the time notice is given to the student and the time of such a review.
3. The instructor shall decide whether or not to proceed with the proposed removal after hearing the student's explanation and considering all of the information relative to the issue. There need be no delay between the time notice is given to the student and the removal.
4. The decision may be given to the student either orally or in writing.
5. The instructor's decision is final and may not be appealed.

2. Procedures After The Removal.

1. Immediately following the removal, the instructor must notify the President's designee of the removal so that appropriate action can be taken.
2. If the student removed is a minor, the College President or President's designee shall ask the parent or guardian of the student to attend a parent conference regarding the removal as soon as possible. If the instructor or the parent or guardian so requests, a college administrator shall attend the conference.
3. The instructor may request that the student meet with the College President or President's designee, within three (3) days of removal, prior to returning to class.
4. During the period of removal from class, the student shall not be returned to the class without the concurrence of the instructor.

5. After the student returns to class, if there are additional incidents of disruption or other behavior constituting good cause, the faculty member will provide the necessary documentation to the President's designee so that more serious consequences, such as suspension from this particular class or from all classes for the rest of the semester, can be assigned.

X. PROCEDURES FOR SHORT-TERM SUSPENSION, LONG-TERM SUSPENSION, OR EXPULSION

The following procedures shall be taken before suspension or expulsion except as noted in Section XIV Emergency/Interim Suspension.

1. **Administration.** The President's designee shall administer these procedures and take appropriate action, subject to the approval of the college President and the Governing Board if required herein or otherwise by law.
2. **Reporting Of Conduct.** Alleged student misconduct shall be reported to the President's designee. The President's designee shall be an individual designated by the college President as being responsible for administration of matters relating to Student Conduct. Any official may be designated as the President's designee, whenever necessary for the efficient operation of the District.
3. **Investigation.** Upon receiving a report of alleged student misconduct, the President's designee shall initiate an investigation in accordance with Section III(C).
4. **Notice.** Before imposing discipline, the President's designee will provide the student with written notice of the conduct warranting discipline. The written notice will include the following:
 1. The specific section of the Student Code of Conduct that the student is accused of violating
 2. A short statement of the facts supporting the accusation
 3. The right of the student to meet with the President's designee to discuss the accusation, or to respond in writing
 4. The nature of the discipline that is being considered if the student is a minor, the President's designee shall also notify the parent or guardian in writing of the investigation and charges.
5. **Meeting.** The student will be provided an opportunity to attend a meeting with the President's designee. The meeting will be scheduled within a reasonable period of time (normally within five (5) days following the delivery to the student of the notice referred to above). At the meeting, the student must again be told the facts leading to the accusation, and must be given the opportunity to respond verbally or in writing to the accusation. If a student chooses not to meet with the President's designee, or does not attend the scheduled meeting, the President's designee may proceed with proposed discipline without meeting with the student. A student may elect to be accompanied by an advisor of their choosing. The role of the advisor is passive in this procedure. The advisor may be present at the meeting and may counsel the student. The advisor may not address the President's designee and shall not be permitted to participate in any way during the meeting except to offer counsel to the student
6. **Determination and Notice to Student.** After considering all of the information and evidence presented, including any explanation provided by the student (in the meeting and/or in writing), The President's designee shall decide whether or not to proceed with the proposed suspension or to recommend expulsion. The President's designee shall proceed as follows in accordance with the determined disciplinary action:
Short-Term Suspension – Within five (5) day after the meeting, the President's designee

shall provide written notice of the decision to the student. The notice will include the length of time of the suspension. The President's designee's decision on a short-term suspension shall be final and cannot be appealed, except in situations in which the suspension is the result of a formal complaint of Title IX sexual harassment. In instances involving a formal complaint of Title IX sexual harassment, the student shall be entitled to appeal as outlined below.

Long-Term Suspension – Within five (5) after the meeting described above, the President or President's designee shall provide written notice of the decision to shall be provided to the student pursuant to (H) Notification of a Long-Term Suspension.

Expulsion – Within five (5) days after the meeting described above, the President or President's designee shall decide whether to recommend expulsion to the Board of Trustees. Written notice of the decision shall be provided to the student, pursuant to (I) Notification of a Recommendation for Expulsion.

7. **Notice To The College President.** The President's designee shall report any disciplinary action imposed to the college President.
8. **Notification of a Long-Term Suspension.** The President's designee shall promptly send the student a letter of notification that is hand delivered or sent via certified mail to the student's last known address. The notification shall include:
 1. A statement of the charges, the decision regarding disciplinary action, and a description of facts related to the misconduct, including the evidence against the student, the date(s), time(s), and location(s) of the offense(s).
 2. A copy of the Student Code of Conduct and Board Policy 3012.
 3. An explanation that a student who has been suspended for more than five (5) days is entitled to appeal the decision and has a right to a further hearing ("Appeal Hearing"). The notification shall also state that a request for an Appeal Hearing shall be filed within five (5) business days of the service or mailing of the notification, whichever is earlier. The written request for an appeal hearing must be submitted to the President's designee, and must cite the specific ground(s) for the appeal (from those listed below), and provides information which substantiates the ground(s) on which the appeal is being made.
 4. An explanation that, if the student does not request a hearing within five (5) business days, the decision will be final and no longer subject to appeal.
 5. Grounds for appeal - A student may appeal the decision of the President's designee on grounds that:
 1. Fair consideration was not provided to the student, (i.e., there is evidence that some aspect of the disciplinary process was prejudicial, arbitrary, or capricious);
 2. New and significant information, not reasonably available at the time of the initial decision, has become available, and/or;
 3. The sanction or remedy imposed is not in due proportion to the nature and seriousness of the offense. Any evidence supporting these grounds must be included in the request for an appeal hearing.
 6. A statement that the student has the right to be accompanied at the Appeal Hearing by an on-campus advisor of his or her choice. If the student decides to be accompanied by an advisor, the name and address of that advisor must be submitted to the President's designee at the time the appeal is filed.
 7. The Notification may include terms that must be satisfied prior to reinstatement, as deemed necessary and appropriate by the President or President's designee.

I. Notification of a Recommendation for Expulsion

1. The appropriate District official shall promptly send the student a letter of notification that is hand delivered or sent via certified mail to the student's last known address. The notification shall include:
 1. A statement of the charges, the decision regarding disciplinary action, and a description of facts related to the misconduct, including the evidence against the student, the date(s), time(s), and location(s) of the offense(s).
 2. A copy of Student Services Procedure 3027 and Board Policy 3012.
 3. The date, time, and location of the expulsion hearing.

XI. PROCEDURE FOR APPEAL OF A LONG-TERM SUSPENSION

1. **Student Right To Appeal.** The student may accept a long-term suspension without admitting the conduct charged. In such a case, the decision of the President's designee will be final. Should the student not accept the long-term suspension, the student has a right to appeal. An appeal must be filed by the student no later than five (5) business days from the date the notification letter is personally served or mailed. The appeal must demonstrate acceptable grounds for an appeal, as described in the notification.
2. **Schedule of Hearing.** The President's designee shall schedule an Appeal Hearing to be held no later than working 30 days from the date of the statement of charges is sent/ delivered to the student. The President's designee shall notify the student in writing of the date, time, and location of the Appeal Hearing.

XII. HEARING AUTHORITY FOR LONG-TERM SUSPENSION APPEAL HEARING

1. The college President will assign either an Administrative Hearing Officer or may utilize a Student Discipline Committee ("Committee") to conduct Appeal Hearings at the college ("Hearing Authority").
2. An Administrative Hearing Officer may be a college official, or may be a licensed California attorney with experience in student discipline and due process issues.
3. A Committee shall include: one faculty member, one administrator or manager, and one student. The selection process for the Committee, if any, will normally occur at the beginning of each academic school year.
 1. The Academic Senate will select a faculty representative and alternate(s). Vacancies will be filled by an action of the Academic Senate.
 2. The Associated Student Body will select a student representative and alternate(s). Vacancies of student members shall be filled by an action of the Associated Student Body.
 3. The College President will select the administrative or management representative and alternate(s). The administrative or management representative will serve as the Committee Chair. The student or the college employee shall notify the Committee if he or she has a conflict of interest because he or she is involved in the discipline matter, or has a personal relationship with any of the involved parties, and, therefore, is unable to serve as a neutral party.
 4. Alternate faculty, administrative, and student members shall be appointed to ensure that a standing committee can always be convened promptly.

XIII. LONG-TERM SUSPENSION APPEAL HEARING

PROCEDURES

1. The President's designee shall submit to the Hearing Authority: a description of the charges, notices, request for hearing submitted by the student, evidence, and a copy of the proposed decision. The Chair will call the Appeal Hearing to order, explain the procedures of the Appeal Hearing, and have all Parties introduce themselves.
2. The Chair/Hearing Authority will present the rules governing the hearing. The Chair shall guarantee control of the hearing, making certain that all participants respect the right of others to make statements, and to ensure confidentiality of such statements.
3. The President's designee shall present relevant evidence regarding the alleged misconduct. The evidence presented may include live witness testimony, declarations submitted under penalty of perjury, and documentary evidence. Following the testimony of each witness, the accused student and Hearing Authority will have the opportunity to cross-examine witnesses. The accused student may then present any relevant evidence, including live witness testimony, declarations submitted under penalty of perjury, and documentary evidence. The President's designee and Hearing Authority will then have the opportunity to cross-examine witnesses. Opening and closing statements shall be limited to five (5) minutes. The President's designee shall speak first, followed by the student.
4. The Hearing Authority shall rule on all questions of procedure and admission of evidence. Only relevant and material evidence shall be presented to and considered by the Hearing Authority. Irrelevant, immaterial, and/or unduly repetitious evidence shall be excluded.
5. Hearings need not be conducted in accordance with strict rules of evidence or formality of a court hearing.
6. The Hearing Authority shall consider no evidence other than that evidence received at the hearing. Hearsay evidence may be used for the purpose of supplementing or explaining other evidence, but shall not be sufficient in itself, to support a finding.
7. A student may be accompanied by an advisor of his or her choosing, at the student's request. The role of the advisor is passive in this procedure. The advisor may be present at the hearing and may counsel the student. The advisor may not address the Hearing Authority and shall not be permitted to participate in any way during the hearing except to offer counsel to the student. If the student wishes to be represented by an attorney, a request must be submitted, in writing, not less than 14 days prior to the hearing. If the student is represented by an attorney, the President's designee may request legal assistance. Any legal advisor provided to the panel may act in an advisory capacity but shall not serve as a member of the panel nor participate in any vote.
8. The Appeal Hearing shall be closed to protect the privacy and confidentiality of everyone involved unless the student and District agree in writing to have a public hearing at least five (5) days in advance of the hearing. A closed hearing will be closed to everyone except the following:
 1. The student charged;
 2. The Hearing Authority;
 3. An advisor for the student charged, if so desired;
 4. The President's designee;
 5. A witness, while presenting evidence;
 6. An on-campus advisor for a witness while presenting evidence.
9. An official audio or video recording of the hearing shall be kept. The record shall be the property of the District. The student charged may listen to the tape at a mutually agreeable location at the college. An accused student may, upon request, be provided a copy at his or her own expense.
10. An accused student who fails to appear for the hearing after having been notified of an Appeal Hearing is deemed to have waived their rights to participate in the appeal. The

Appeal Hearing shall be terminated and the Appeal Committee shall be dismissed. The initial recommendation for disciplinary action shall stand.

11. Additional Requirements for Hearings Involving Title IX Sexual Harassment Allegations:

1. The Hearing Authority must be free from conflict of interest or bias and must have received training on (a) how to serve impartially (b) issues of relevance and how to rule on relevance objections; (c) how to apply the rape shield protections provided for complainants; and (d) any technology to be used at the hearing.
2. Every witness at the hearing must be subject to cross-examination by the parties' advisors.
3. The Hearing Authority must allow a party's advisor to directly and in real time present all relevant questions and follow up questions to another party or witness. Cross-examination must come from a party's advisor and may not come directly from a party.
4. If a party does not have an advisor for the hearing, the District/College must provide that party with an advisor at no cost, for the purpose of conducting cross-examination on behalf of the party, or, in the discretion of the District/College, for the duration of the hearing in general.
5. If a party or witness does not submit to live cross-examination, the panel or hearing officer cannot rely on any statement made by that party or witness when making the decision about the respondent's responsibility. This includes statements made during the investigation process.
6. Police reports, sexual assault nurse examiner (SANE) reports, medical reports, and other documents and records may not be relied on to the extent they contain the statements of a party or witness who has not submitted for cross-examination. In addition, where the evidence is a text exchange or an email thread and one party has refused to submit to cross-examination, but the other has not, the panel or hearing officer may rely only upon the statements made by the party who was cross-examined. However, the panel or hearing officer is not prevented from relying on a description of the words allegedly used by a respondent if they constitute part of the alleged sexual harassment at issue because the verbal conduct does not constitute the making of a factual assertion to prove or disprove the allegations of sexual harassment.
7. The panel/hearing officer cannot draw any inference regarding responsibility based solely on a party's or witness's absence from the live hearing or refusal to answer cross-examination or other questions.
8. Questions posed to parties and witnesses at the hearing must be relevant. Before a complainant, respondent, or witness answers a cross-examination or other question, the panel/hearing officer must determine whether the question being asked is relevant and, upon objection on relevance grounds, provide an explanation as to any decision to exclude a question as not relevant.
9. Questions relating to a complainant's prior sexual behavior are deemed not relevant, unless the questions are offered to prove someone else was responsible for the alleged conduct or offered to prove consent.
10. 10. At the request of either party, the District/College must provide for the entire hearing to occur with the parties located in separate rooms with technology enabling the parties to see and hear each other.

12. Additional Hearing Requirements For Sexual Misconduct Matters Not Subject to Title IX

In cases of student sexual misconduct that are not subject to Title IX, when an accused student is subject to severe disciplinary sanctions (e.g. suspension or expulsion), and the

credibility of witnesses was central to the investigative findings, District student discipline procedures must provide an opportunity for the accused student to cross-examine witnesses indirectly at a live hearing, either in person or by videoconference.

For purposes of this section, “indirect” cross-examination shall be conducted as follows: Any question to the witness shall be asked by a neutral party appointed by the District for the sole purpose of asking questions. The neutral party shall not be the accused student, the accused student’s representative, or a member of the hearing panel. The accused student may submit written questions before and during the cross-examination, including any follow-up questions. The neutral party asking questions shall not exclude any questions unless there is an objection to the question by the hearing panel.

XIV. HEARING AUTHORITY’S CONSIDERATION AND RECOMMENDATION

Following presentation of the evidence, the Hearing Authority shall privately consider the evidence with all persons excluded. The Hearing Authority shall send a written report to the College President, and a copy to the complainant and the respondent, within five (5) working days of the termination of the hearing. The report shall contain the following information:

1. A summary of factual findings and a determination that the accused student did or did not commit the act(s) charged.
2. A finding that the student’s act(s) did or did not constitute a violation of the Student Code of Conduct.
3. A recommendation for upholding or modifying the proposed discipline. The Hearing Authority may also recommend further investigation.
4. The sanctions imposed on the respondent and the remedies provided to the parties, including the rights of the parties to appeal the decision, if applicable.

XV. COLLEGE PRESIDENT’S DECISION

1. The college President shall reach a decision after reviewing the report submitted by the Hearing Authority. The college President may refer the matter back to the Committee or hearing officer for further clarification on details of the case, such as evidence and findings of fact. The college President may uphold the long-term suspension or recommend expulsion, uphold the recommendation by the Hearing Authority, or adopt a lesser or different sanction, if appropriate. A written statement of the decision shall be sent via certified or registered mail to the student’s last known address within ten days of the college President’s receiving the Hearing Authority’s recommendation.
2. The decision of the college President to suspend, recommend expulsion, or impose a lesser sanction shall be final and not subject to further appeal. However, as noted below, an expulsion is not final until it is approved by the Governing Board.
3. The college President shall report a disciplinary suspension or expulsion recommendation of any student to the Governing Board at its next regular meeting. A copy of the suspension determination or expulsion recommendation, including the reasons for the disciplinary action, suspension, shall be placed in the student’s permanent disciplinary record (not the transcript).
4. If the college President determines that a student should be expelled, he or she will forward that recommendation through the Chancellor, to the Governing Board for final approval.
5. In the event that a college President is or will be unavailable for the making of a prompt decision, the college President or Chancellor may appoint an unbiased designee to act on the appeal.

6. For any hearing involving allegations of Title IX sexual harassment, both the complainant and the respondent shall have the right to appeal the decision to the Governing Board.

XVI. EMERGENCY INTERIM SUSPENSION / INTERIM RESTRICTION

1. Interim measures are in effect immediately and shall not be delayed. These Interim actions may include:
 1. **Interim Suspension** – A Student who is suspended on an interim basis is subject to all of the same restrictions as if they had been suspended as a final sanction.
 2. **Interim Restriction** – These restrictions may include but are not limited to:
 1. Restricted access to District facilities and District events;
 2. No-contact orders with specific individuals; or
 3. Any other restrictions deemed by the College Disciplinary Officer or Designee to be necessary to achieve the goals stated above.
2. An emergency/summary suspension is an immediate suspension imposed upon a student for good cause. (California Education Code Section 66017.)
3. The college President or the President's designee may impose an emergency interim suspension. It is an extraordinary measure and shall be utilized when necessary to protect lives or property and to ensure the maintenance of order pending a hearing. Prior to imposing these measures, the District/college shall do the following:
 1. Undertake an individualized safety and risk analysis to determine whether there is an immediate threat to the physical health or safety of any person;
 2. Make an affirmative determination that such an immediate threat exists based on its individualized safety and risk analysis;
 3. Provide the Respondent with notice and an opportunity to challenge the emergency decision immediately following the respondent's removal.
4. A preliminary hearing shall be provided within ten (10) calendar days of an emergency interim suspension. (California Education Code Section 66017.) The procedures set forth in Section XIII shall apply to the preliminary hearing.
5. An emergency interim suspension shall be reported to the Governing Board at its next regular meeting after such suspension has been imposed. A copy of the suspension may be placed in the student's permanent record at the discretion of the college President.

XVII. NOTIFICATION OF LAW ENFORCEMENT

The college President or President's designee shall, upon suspension or expulsion of any student, notify the appropriate law enforcement authorities of the county or city in which the school is situated of any acts of the student which may be in violation of Section 245 of the Penal Code. (California Education Code Section 76035.)

XVIII. EXTENSIONS OF TIME

Calendar restraints may be extended with the agreement of both parties.

XIX. EXPULSION

The Governing Board has the sole authority to expel a student. If the College President determines that a student should be expelled, he or she shall send the recommendation through the Chancellor to the Governing Board.

1. Within 30 instructional days of the receipt of the recommendation from the college President, and with the agreement of the Chancellor, the Governing Board shall conduct a review of the President's decision on the expulsion in closed session.
 1. Before commencement of the hearing, the Governing Board shall review a description of the charges, notices, evidence, findings, and a copy of the proposed decision from the college-level disciplinary appeal hearing. The Governing Board shall consider no evidence other than that evidence received in the hearing process.
 2. The college President (or the President's designee) shall make a brief statement to the Governing Board, referring to relevant evidence regarding the alleged misconduct.
 3. The accused student may then make a brief statement to the Governing Board and present any relevant evidence.
 4. The statements shall be limited to five (5) minutes.
 5. Upon completion of these statements, the Governing Board will have an opportunity to ask questions of both the student and the College President (or President's designee).
 6. The Governing Board will conclude the hearing, dismiss the parties, and privately deliberate as to a decision.
 7. The Governing Board shall issue a statement of decision to either uphold the College President's decision regarding the expulsion, or modify that decision. If the Governing Board's decision is to modify the decision, it must include legal and factual support for that decision. The Governing Board may also recommend further investigation.
 8. Pursuant to Education Code section 72122, the final action of the Governing Board shall be taken in open session, and the result of that action shall be a public record. The name of the student, however, shall not be released.
 9. The Chancellor's Office will send a written statement of the Governing Board's decision via certified or registered mail to the student's last known address within three (3) working days of the hearing.
 10. If the Governing Board's decision is unfavorable to the student, the student shall have the right to submit a written statement of his/her objections to the decision. This statement shall become a part of the student's records.
 11. The decision of the Governing Board is final, and not subject to further appeal.

XX. BOARD CONSIDERATION OF TITLE IX HEARING APPEALS

1. Grounds for Appeal: Under the August 2020 Title IX regulations, for any sexual harassment complaint governed by Title IX, as defined above, both the complainant and the respondent have the right to appeal the findings of the Hearing Authority to the Governing Board. The grounds for appeal of decisions on Title IX determinations made by the Hearing Authority are limited to the following:
 1. Procedural irregularity that affected the outcome;
 2. New evidence that was not reasonably available when the determination of responsibility was made that could affect the outcome; and
 3. The Title IX Coordinator, investigator, or decision-maker had a general or specific conflict of interest or bias against the complainant or respondent that affected the outcome.

Student Complaint Process

The Student Complaint Procedures are available to every Los Medanos College student, offering an equitable means of seeking an appropriate remedy for a grievance related to any college-related matter (other than as defined under the unlawful discrimination section of this catalog). Complaint procedures are provided for the following: grade appeals process; complaints regarding a faculty member; complaints regarding a staff member; or complaints about a manager. Information about these processes and related forms are available online at: www.losmedanos.edu/students/grievance.aspx.

- Adopted 03/02/04
- Revisions adopted 06/17/08, 9/25/12

Copies of the Student Complaint Procedures are also available in the following locations:

- Welcome Desk/Center, (925) 473-7434
- Office of Student Life, (925) 473-7555
- Office of Instruction, (925) 473-7397/(925) 473-7398
- Counseling Center, (925) 473-7450

Student Right-To-Know and Campus Security Act

It is the policy of the district to comply with the Student Right-to-Know and Campus Security Act (Public Law 101542) signed into law November 8, 1990.

- The district shall make available the completion or graduation rates of certificate or degree seeking, full-time students entering any of the colleges, to current students, and to each prospective student upon request prior to that student's enrolling or entering into any financial obligation, beginning July 1, 1993, and annually thereafter.
- Annual reports of criminal activity on campus and procedures for prevention of campus crime, as required by the Crime Awareness and Campus Security Act of 1991. This information is available, on request, from the campus Police Services Office or the LMC website under Campus Police.

Other Policies for Students

Animals on Campus

The Contra Costa Community College District (CCCCD) fully supports individuals with disabilities who benefit from trained service animals. Per CCCCCD Governing Board Policy 2058, and in compliance with state and federal law, individuals with a disability are permitted to use a trained service animal in all District facilities. Students using service animals should coordinate with Disabled Students Programs & Services (DSPS). To provide the LMC community with a safe and productive environment for teaching, learning, and working, other animals – including emotional support animals – are prohibited on CCCCCD property. This policy shall not prohibit an employee from possessing an animal for approved instructional activities on District property.

Drug-Free Campus Policy

As defined by State and Federal law, it is the policy of Los Medanos College to maintain a campus where students, faculty, staff, and administration are prohibited from the unlawful manufacture, distribution, dispensing, possession, or use of controlled substances, including marijuana and

cannabis products, as listed in Schedules I through IV of Section 202 of the Controlled Substances Act (21 USC Section 812) and from abuse of alcohol.

This policy applies not only to the campus, but also includes participation in field trips, athletic competition, international study programs, and any activity sponsored by the College. Any violation of this policy will be cause for disciplinary action, up to and including expulsion.

For information about substance abuse treatment, students may contact a campus counselor or refer to the information binder located in the Counseling Center and Information Center.

Parking Regulations & Enforcement

www.losmedanos.edu/parking

All vehicles parked on campus – whether in a parking lot, gravel lot, or on any perimeter road – must have a valid parking permit. Please note that there are designated areas for student parking, as well as faculty/staff parking areas. Parking permits are required for Spring, Fall, and Summer.

Students registering for classes via InSite will have the opportunity to pay for a semester parking permit online. Detailed information about this new feature is available on the InSite landing page. Once the process of registering for classes has been completed, students will be able to access the parking permit link in InSite.

Everyone who parks on campus must have a valid permit. If you do not have a valid semester permit displayed on the car parked on campus, you are required to purchase and display a daily permit. Daily permits are available online at www.mycampuspermit.com/4cd. If you plan on visiting campus, you can purchase your daily permit in advance.

Students who park in faculty/staff spaces will be ticketed. Students can park in staff lots after 5:00 p.m., except in Lot B. These defined spaces are indicated on the campus map, which may be picked up at the Information Desk or at the Police Services station located in Parking Lot 1A. Copies of the College parking regulations are available in the Business Services office and Police Services office. The College District assumes no responsibility for damage or loss to vehicles or persons using parking facilities.

Parking regulations are enforced 24 hours a day, from 7:00 a.m. on Monday through 5:00 p.m. on Friday. Parking regulations are not enforced on weekends or holidays.

Smoking Policy

Los Medanos College is a Tobacco-Free Institution

Los Medanos College is committed to promoting the good health of our students, staff and broader community by providing a healthy environment in which to learn and work. Given the negative health impacts of tobacco and similar product use, the Governing Board has established policy (BP #2045) designating Los Medanos College as a tobacco-free institution. Therefore:

Smoking, smoking substitutes, smoke inducing devices and vaping are considered a health hazard and are prohibited on all college property. This includes, but is not limited to, products containing tobacco or nicotine, e-cigarettes, cigars, clove cigarettes, smokeless tobacco, snuff, chew packets,

hookah smoking, personal vaporizers/electronic smoking devices, marijuana and controlled substances regulated under federal law.

The use of all smoking/tobacco/vaping products as defined is prohibited on campus grounds, playing fields, walkways, roadways, parking lots, in all vehicles on Los Medanos College property and in or around the perimeter of any building.

This policy shall apply to all students, employees, volunteers, vendors, consultants, agents, contractors, and visitors on Los Medanos College property as defined above. Consistent with Government Code 7597.1, the Governing Board has imposed fines and set enforcement standards for Los Medanos College in order to ensure a tobacco-free environment.

Los Medanos College recognizes the health hazards associated with tobacco addiction. Los Medanos College also recognizes the challenges faced by those addicted to tobacco products and therefore supports efforts of employees and students to quit using tobacco products. Any student who needs information about cessation programs may consult a college counselor, who can provide the student with information about available resources.

Adherence to our tobacco-free policy relies, in large part, on the initiative of students and staff to politely request that smokers comply and on the courtesy of smokers to acknowledge and observe the restrictions. Los Medanos College promotes the initiative of educating others about the hazards of smoking and will endeavor to educate rather than punish. In the absence of compliance, however, any student who violates the policy may be subject to citation and disciplinary measures in accordance with the provisions of the Student Code of Conduct and Governing Board policy. Visitors to Los Medanos College who do not comply with this policy may be cited and/or asked to leave Los Medanos College property.

Evening, Weekend and Online Courses

Most of the courses LMC offers are scheduled for weekdays, and during both daytime and evening hours. The College also provides weekend and online courses. Short-term classes are offered, and may start at various times throughout a semester.

Opportunities are available for those who may want to broaden their general education, wish to learn or improve a vocational skill, and those who are working toward a college degree, and/or transfer to a four-year university.

Student Support Services

Placement Process

www.losmedanos.edu/assessment

(925) 473-7438

After applying to LMC and completing the online orientation, complete the placement process to get recommended courses for Math, English and English as a Second Language (ESL). Students receive their placement recommendations by answering the GSP questions about their academic history on the online form. Students may also elect to use AP Scores, high school or college transcripts from regionally accredited institutions and schools for placement by submitting their records to the

Admissions & Records Office online. To submit academic records to the Admission & Records Office online, students should use the Prerequisite Equivalency Request Form located in InSite under the red tile titled “LMC Student Forms.” Placement is required for all students who plan to earn an associate degree, transfer to a four-year institution, or enroll in certain Math, English or ESL courses with prerequisites. To obtain an early registration date, students **must** develop an educational plan, and complete both the college orientation and placement process.

Counseling Services

www.losmedanos.edu/counseling

(925) 473-7450 (Pittsburg Campus, dial 7-digit number)

(925) 513-1625 (Brentwood Center)

The Department’s work is a partnership with students and grounded in a deep respect for the unique intellectual, psychological, socio-cultural and life experiences of each student. All members of the Department promote the holistic development of students with the goals of: 1) Enhancing critical thinking skills and applying them to real life problems; 2) Clarifying career goals and defining educational pathways that lead to them; 3) Encouraging social accountability which enables students to more clearly see how their individual choices affects others; 4) Encouraging adaptability, a life skill that enables students to resolve conflict by modifying personal attitudes and behaviors; and, 5) Celebrating student resilience, the capacity to drawn on internal resources and remain goal-focused while experiencing life challenges.

Through instruction, academic advising, and a range of services, the Counseling Department assists students with the process of defining their individual pathway, which involves selecting a career goal (college professor, pediatric nurse), an area of study (e.g., business, biology), mapping a sequence of courses or an education plan that will lead to the attainment of a specific educational goal (e.g., certificate, degrees, transfer) that and creating an educational plan or sequence of courses that lead to goal completion.

The Department currently offers the following courses-- Orientation To College (COUNS 030), Educational Planning (COUNS 031), Introduction to Career Development (COUNS 032), Transfer Planning (COUNS 033), College Success (COUNS 034) Theories and Application of Learning in College (COUNS 035), Career & Life Planning (COUNS 36), MESA/SEM Scholars Success (COUNS 045), and Independent Study in Counseling (COUNS 098). Advising services focus on such general areas as:

1. Exploration of solutions to personal and educational problems
2. Exploration of vocational and career choices
3. Exploration of vocational majors offered at LMC
4. Exploration of majors offered at four-year institutions
5. Advice concerning general education requirements
6. Advice concerning major and transfer requirements
7. Assistance in adjusting to College
8. Assistance in developing effective study habits and study skills
9. Assistance in developing an educational plan—abbreviated and comprehensive
10. Referrals for mental health support include services offered both in-person and online by the Student Wellness and Program and Confidential Student Assistance Program.

Additionally, TimelyMD offers 24/7 medical and mental telehealth services (TimelyCARE). All services are offered at no-cost to students enrolled at Los Medanos College.

Disabled Students Program and Services

www.losmedanos.edu/dsps

(925) 473-7471 | TDD (925) 439-5709

DSPSoffice@losmedanos.edu

The Disabled Students Program and Services (DSPS) provides reasonable academic accommodations and auxiliary aids and specialized instruction to individuals with verified disabilities. To ensure equality of access for students with disabilities, academic accommodations and auxiliary aids shall be provided to the extent necessary to comply with state and federal law regulations. For each student, academic accommodations and auxiliary aids shall specifically address those functional limitations of the disability that adversely affect equal educational opportunity.

Services may include educational counseling and planning, adaptive equipment, assistive technology, sign language interpreting and captioning services, note takers, scribes, textbooks in audio and alternate format, instructional material in alternate format, testing accommodations (including alternate format), and priority registration. All services are elective and must be requested by the student. Some accommodations require advance appointments.

Substitution Policy

When the severity of the disability of an otherwise qualified student precludes successful completion of a course required for graduation from LMC, despite an earnest effort on the part of the student to complete the course and despite provisions of academic accommodations and/or auxiliary aids, a course substitution shall be considered. Contact the Disabled Student Program & Services office for more information on policies and procedures.

Extended Opportunity Programs & Services (EOPS)

www.losmedanos.edu/eops

(925) 473-7480

EOPS is state-funded program that exists to increase the enrollment, retention, persistence, and success rates of low-income students from educationally disadvantage backgrounds. To qualify for EOPS, one must: 1) be a California resident; 2) be enrolled full-time at LMC; 3) qualify for a California College Promise Grant (CCPG) fee waiver (A or B); 4) have earned less than 70 degree-applicable units; and, 5) demonstrate an academic disadvantage (for example, if neither parent earned a four-year college degree). By partnering with EOPS, students are eligible for academic and financial support services that are above, beyond, and in addition to services available to all LMC students, such as priority registration, parking permits, transfer application fee waivers to public and private colleges and universities, academic and personal counseling, calculator loans and book vouchers.

CARE

www.losmedanos.edu/student-services/eops/care

(925) 473-7480

Cooperative Agencies Resources for Education (CARE) is a state-funded program that exists to increase the enrollment, retention, persistence, and success of EOPS students who are single parents with a child 13-year-old or younger, participating in the TANF/CalWORKs program. By partnering with EOPS, CARE students benefit from an additional layer of academic and financial support services such as—cash grants, personal life development workshops, childcare provided through the LMC Child Study Center.

CalWORKs

(925) 473-7482

The CalWORKs program is a state-funded program that designed to help students that receive TANF/CalWORKs services successfully transition from welfare-dependency to long-term self-sufficiency. The CalWORKs team works directly with students to develop educational plans with specified majors, while offering additional services, e.g., work study, job placement, childcare assistance, work-ready skill-building activities, supply kits, book vouchers, parking permits, one-to-one and group counseling, and priority registration. All services are designed to ensure that students enrollment, successfully complete classes, maintain enrollment and focus on career and educational goals. To promote student success, the program encourages CalWORKs students to devise strategies for overcoming obstacles that draw on personal strengths and external resources.

Financial Aid and Scholarship Program

www.losmedanos.edu/financialaid

(925) 473-7525

www.losmedanos.edu/scholarships

The Los Medanos College Office of Financial Aid, in compliance with Titles VI and VII of the Civil Rights Act of 1964, and Title IV of the Higher Education Act of 1965, P.L. 89-329, as amended and the Rehabilitation Act of 1973, does not discriminate on the basis of race, creed, color, national origin, mental or physical handicaps, age, or sex in any of its policies, practices or procedures.

Financial Aid is a means of assisting students to receive a college education who would otherwise be unable to afford this opportunity. Students to be helped are those who show the most financial need and who demonstrate the desire and ability to achieve academic goals and complete a course of study in a degree or certificate program.

There are several grants available to students. Qualifications, availability, and limits vary. Please visit the Financial Aid Office website for more information. Types of grants available to students:

- California Promise Grant
- Federal Pell Grant

- Federal Supplemental Educational Opportunity Grant (FSEOG)
- Work-Study Programs
- Cal Grant B
- Cal Grant C
- Student Success Completion Grant
- California Chafee Grant
- Full-Time Free Tuition Program

There are three types of financial aid:

- **Grants** – awards that a student does not have to repay unless student drops all classes before completing 60% of the semester or drops below half-time status between the first and second payments, and/or is a no-show for one or more of the classes.
- **Work-Study** – part-time work earned on a monthly basis.
- **Loans** – low interest government loans that students can borrow and must be repaid with interest.

Applying for Financial Aid

To be eligible for all federal and most state grants and loans, students must meet the following criteria:

- Complete a financial aid application
- Be a U.S. citizen or eligible noncitizen*. Note: Some State of California programs may have a less restrictive citizenship requirement for non-U.S. citizens.
- Be enrolled in an eligible program working toward a degree or certificate (an associate degree or transfer program to a four-year school or a certificate program that meets requirements).
- Have a high school diploma, a GED Certificate, or a home school certificate.
- Not be in default on a Federal student loan or owe a repayment on a Federal grant.

Students can apply for financial aid assistance by completing a financial aid application. Students only need to complete **one** of the applications annually based on the following eligibility requirements:

You are eligible to complete the FAFSA if you are a:

- US Citizen
- Permanent resident
- Eligible non-citizen
- T Visa holder

You are eligible to complete the CADAA if you are:

- Undocumented
- Have a valid or expired DACA
- A U Visa holder
- Have a Temporary Protected Status (TSP)
- Met the non-resident exemption requirements under AB540

- Complete the Free Application for Federal Student Aid (FAFSA) online at: <https://studentaid.gov/h/apply-for-aid/fafsa>
- Complete the California Dream Act Application (CADAA) online at: <https://dream.csac.ca.gov/landing>

To be considered for all available grants LMC offers, we encourage all students to complete their financial aid application by the March 2 priority filing date. Students must reapply each year to continue receiving funding.

California College Promise Grant Program

You may be eligible for a waiver of enrollment fees if you are a California resident or AB-540 eligible student and meet any one of these two criteria:

- You and your family are receiving public assistance from one or more of the following: TANF/ CalWorks, Supplemental Security Income (SSI), or General Assistance/General Relief, or have a certification from the California Department of Veterans Affairs
- You have a completed financial aid application on file for the current academic year and have "financial need."

CCPG – A:

You or your family are receiving public assistance from CalWORKs/Temporary Assistance for Needy Families (TANF) or Supplemental Security Income (SSI) or General Assistance/General Relief.

CCPG – B:

You must meet the following income criteria for the 2023-2024 academic year:

Family Size	Base Year Income
1	\$20,385
2	\$27,465
3	\$34,535
4	\$41,625
5	\$48,705
6	\$55,785
7	\$62,865
8	\$69,945

Each Additional Family Member: \$7,080

* These standards are based upon the federal poverty guidelines, as published each year by the US Department of Health and Human Services. Under Title 5 of the California Code of Regulations, the student or student's family must have a total income in the prior prior year that is equal to or less

than 150% of the U.S. Department of Health and Human Services Poverty Guidelines based on family size.

The base year is defined as the income year used for the determination of an expected family contribution (EFC) for federal Title IV student financial aid unless professional judgement is exercised by a financial aid office to use the current year income.

CCPG – C:

You have completed the Free Application for Federal Student Aid (FAFSA) and you have “Financial Need” as defined by the Department of Education located on your Student Aid Report.

CCPG-D:

You may qualify for CCPG D if the financial aid office has verified you have been without a residence in the last 24 months (homeless).

CCPG – F:

You must have certification from the California Department of Veteran Affairs.

Beginning with the Fall 2018 semester, there are minimum academic progress standards that must be met for continued eligibility for the CCPG.

- Academic standards: sustain a cumulative GPA of 2.0

or higher

- Progress standards: cumulative satisfactory completion of

more than 50% of all coursework attempted.

Students with extenuating circumstances are given an opportunity to appeal.

Deadlines

To get the best aid available, apply early. Students whose applications are completed by March 2 will receive priority for some limited funds and can apply for certain state programs.

If this deadline has already passed, don't panic! Students may still be eligible for significant assistance—like a Pell Grant and a CCPG Waiver.

Refusal of Financial Aid Award

If you decide not to accept any program on your Financial Aid Award Notification Letter, please contact the Office of

Financial Aid.

Financial Aid Disbursement

Starting with 2023-2024, financial aid funds (excluding EOPS and some scholarships) will be applied toward your current student account charges. Remaining financial aid balances after your charges have been paid, if any, will be refunded to you based on your BankMobile disbursement preference. To review your student account charges/payments, log onto InSite, click the Payment tile, then Account Activity.

Los Medanos College delivers your refunds with BankMobile Disbursements. To select your refund preference:

- Log in to m.4cd.edu
- Once logged in, tap the Financial Aid tile
- Select My FA Disbursements from the menu
- Select BankMobile-First Time Setup to choose your disbursement method
- It may ask you to enter the school name. Please type in "Contra Costa."

Only enrolled students who have completed a financial aid application can select a refund policy. If you have a Federal Work-Study job, you will receive a monthly paycheck for the hours you work.

Refund and Repayment

A “student refund” is money you receive if you pay fees and then drop out of Los Medanos College during the refund period. All LMC students receive 100% refund of fees if they drop by the refund period. If subsequent to paying enrollment fees the student is eligible for the CCPG, the student will automatically be mailed a full refund check or a credit card credit will be issued according to the same refund processing cycle as enrollment fee refunds. Students who qualify for the CCPG, are exempt from the portion of parking fees that exceeds thirty dollars (\$30) per semester.

A “repayment” is money you may owe to the Federal programs if you received money for your indirect expenses (like rent, food, etc.,) and dropped all classes before completing 60% of the semester. The Office of Financial Aid will calculate the percentage of Federal Aid that you have “earned”, according to the day you withdrew. Note: If you withdraw after you have earned 60% of your Financial Aid, you will not have to repay any of the Financial Aid money that you received. Otherwise, you must make the repayment when notified.

Scholarship Program

A scholarship is considered a gift of money to assist a student in financing their higher education. LMC scholarships are provided to students by the generosity of the LMC Foundation, corporations and individual donors. Generally, scholarships may be awarded based on academic achievement, demonstrated leadership, community involvement, athletic talents, and field of study. The amount available for individual students and scholarships may vary.

Health Services Referral

Information on a variety of topics related to social, emotional and academic challenges may be obtained by calling LMC Counseling Department at Pittsburg (925) 473-7450.

LMC has also partnered with TimelyCare to provide students with free, 24/7 virtual access to licensed providers for your medical and mental health needs. Students can start a visit anytime, from anywhere. To access services, students must create a profile by visiting timelycare.com/lmc or downloading the TimelyCare app.

It is the student's responsibility to assume all expenses involving injury or illness.

Students who have a medical condition that might require immediate action (e.g., diabetes, bee sting allergy, epilepsy, etc.) should inform their instructors and also contact Police Services, CC1-132, (925) 473-7332.

Student Life

Student Union

www.losmedanos.edu/studentlife

(925) 473-7554

LMC offers a range of extracurricular activities for students. These activities help students make friendships, connect with faculty and staff outside of the classroom, and build their leadership skills in clubs and organizations.

Mission Statement

The Office of Student Life provides leadership opportunities that support students in becoming agents of positive social change and responsible members of a diverse and global society.

Program Student Learning Outcomes

Students who participate in activities offered through Office of Student Life will:

1. Student Life Associates will be able to demonstrate strong leadership skills in planning and implementation of sponsored events by the Office of Student Life.
2. LMCAS students will understand shared governance by participation on committees and be able to engage in thoughtful discussion regarding funding initiatives and programs.

Bulletin Boards

The Office of Student Life supervises and authorizes all campus publicity on official Student Life bulletin boards throughout the Pittsburg Campus. All individuals or organizations wishing to post on these LMC bulletin boards must bring 10 copies of their postings directly to the Office of Student Life (GA-1) or through campus mail to mailbox #63, for approval and posting. Postings will also be forwarded for posting at the Brentwood Center.

Leadership Programs

www.losmedanos.edu/studentlife/prog.aspx

The Office of Student Life provides a variety of leadership development programs and opportunities to support the many student leaders engaged throughout the fabric of LMC. These programs include orientations, workshops, courses for credit, campus retreats, trips to regional conferences, film discussions and more. All LMC students are welcome and encouraged to participate in the many opportunities provided by the Office.

Student Government (LMCAS)

www.losmedanos.edu/lmcas

The Los Medanos College Associated Students (LMCAS) is the official student government at LMC. Their primary purpose is to advance the welfare of all students. They do this by providing programs and services designed to meet the varied needs of students, sponsoring activities and events, and representing the student body on many College and District committees.

The LMCAS Student Senate holds open public meetings every week and members of the student government are regularly available for consultation in the Office of Student Life.

Student Clubs & Organizations

www.losmedanos.edu/studentservices/clubs

Students are encouraged to organize and participate in clubs that reflect their interests. Each club is registered with the Student Life Office and has a faculty/staff advisor who helps organize meetings and plan activities.

The Office of Student Life provides support and advising to all LMC clubs by holding orientations and retreats for club leaders. In addition, the office advises and coordinates the Inter-Club Council (ICC), the coordinating body for many of the clubs. ICC members collaborate on joint club events and recommend the allocation of funds to support club activities. Contact the Office of Student Life to join a club or start one of your own!

Student Life Associates

Student Life Associates are a select group of student leaders who represent the diverse population of Los Medanos College. These student leaders support student engagement on campus by supporting the planning, production, and marketing of a variety of events and activities in Student Life each year.

Student Success & Retention Programs (SSRP)

www.losmedanos.edu/studentservices/engage/index.aspx

(925) 473- 7483

The Office of Student Success & Retention Programs is dedicated to ensuring a transformative educational experience for all students by building a comprehensive network of integrated services and resources that promotes academic, personal, and social success. The mission of the Office of Student Success and Retention Programs is to educate students on how to return back to good academic standing, support students in choosing and declaring a major, and to encourage students who are academically under prepared. In addition, we work towards identifying resources to support student success as students work towards achieving their academic and career goals.

Transfer & Career Services

www.losmedanos.edu/transfercareer

(925) 473-7444

Transfer & Career Services provides a variety of career development and exploration services to all students as well as information for students planning to transfer to four-year colleges and universities. Support services are available to help students explore and plan for transfer and career success.

Career Services

Transfer & Career Services provides information and programming that assists students in exploring majors and careers, preparing for job and internship searches through resume, cover letter and interview assistance, and best practices on-the-job for new professionals. Individual appointments are available with a career counselor to discuss career exploration, ideas and goals.

Transfer & Career Services provides a robust calendar of events that include the opportunity for students to connect with career and industry professionals as a way to explore options and make connections for internship and job opportunities. Programs include speakers, career panels, networking events and company visits.

Transfer Services

Transfer & Career Services provides information and programming that assists students in transferring to a four-year college. Outreach programs, university tours, workshops, fairs, weekly newsletters and social media, and the Transfer Academy (a learning community supporting students toward transfer-ready status) develop awareness of the opportunities and resources available to achieve student success and transfer.

Transfer & Career Services schedules regular visits by representatives from colleges and universities. Students can drop in for questions or schedule individual advising appointments with these representatives. Transfer & Career Services also coordinates tours of various transfer universities each semester.

Transfer & Career Services has extensive information regarding UC, CSU, out-of-state and private institutions, historically black colleges and universities (HBCUs), as well as provides workshops on topics such as completing UC, CSU, and private university admissions applications, financial aid resources, and next steps after receiving transfer admission. Additionally, LMC coordinates many

programs designed to facilitate the transfer process. Some examples are Transfer Admission Guarantees (TAGs), Cross Enrollment programs, “On-the-Spot” Admissions, and the Transfer Academy.

The Transfer Academy provides a dynamic academic experience with strong supports in and outside of the classroom, like academic counseling, academic support, workshops, leadership development, and campus tours. Benefits of the academy include blocked General Education (GE) classes with other Transfer Academy students, academic support, and transfer counseling.

Learning Support Outcomes in Transfer & Career Services

As a result of the student's experience with this service, the following outcomes will be achieved:

- College staff and faculty will increase their knowledge of career engagement strategies to utilize when working with students.
- Students will demonstrate how their own skills and interests align with a chosen major/career path.
- College staff and faculty will increase their knowledge of transfer engagement strategies to utilize when working with students.
- Students who participate in an asynchronous online transfer workshop will demonstrate learning in transfer knowledge and resources
- As a part of Transfer Academy, students will effectively and confidently learn to use a planner to track course assignments, due dates, daily responsibilities to assist with course success.

Vocational Rehabilitation

The California Department of Rehabilitation (DOR) provides financial assistance in some cases to students who require vocational training. Aid covers fees and books. Applicants should see a Vocational Rehabilitation Counselor well in advance of the school term to work out necessary arrangements. Contact the Department of Rehabilitation, 3656 Delta Fair Blvd., Antioch; (925) 754-7700

Academic Support Services

Athletic Program

www.losmedanos.edu/athletics

(925) 473-7605

Los Medanos College has a proud tradition of winning teams and successful athletes, who have followed their dreams of college graduation, transfer to four-year colleges and career success.

The Athletic Program supports seven intercollegiate teams competing among colleges throughout Northern California. Men's and women's basketball, football, women's soccer and women's volleyball participate in conference play in the Fall. Baseball and softball teams compete in the spring. Successful teams compete in regional and state play-offs. To be eligible for intercollegiate

sports, a student must be enrolled in 12 units for the first season and must complete 24 units and a 2.0 GPA before the second season of participation. Interested students should contact the appropriate coach or the Athletic Director at (925) 473-7605 or rvillegas@losmedanos.edu.

Center for Academic Support

Core Building, CO-300

www.losmedanos.edu/core

(925) 473-7590

The Center for Academic Support provides quality online and in-person academic support to all LMC students as they pursue their particular educational goals in a comfortable intimidation-free environment.

Reading and Writing Consultants

Our Reading and Writing Consultants offer individualized support with reading and writing assignments for all disciplines. Consultants provide assistance during any phase of the reading and writing process such as reading comprehension, assignment clarification, prewriting, thesis development, organization and more.

Tutoring Services

The mission of LMC's peer tutoring services is to assist students in becoming critical thinkers as well as independent, self-reflective, lifelong learners. Our outstanding tutors provide general tutoring and subject specific tutoring available in various labs on campus, including the Center for Academic Support, the Math Lab, the Music Lab, and at the Brentwood Center.

Work Experience Education (WRKX)

www.losmedanos.edu/cwee

(925) 473-7444

Work Experience Education, or WRKX, is an academic program designed to accelerate the career growth of students by combining classroom learning with work experience, i.e. internships, employment or volunteer work. An agreement is established between the college, the employer and the student to develop work-based learning objectives and to use various mechanisms to evaluate learning outcomes. In addition to undertaking new learning objectives at work, students complete career development assignments according to their individual needs. Students may earn up to 4 units CSU transferable college credit, and students are eligible to earn additional units based on working/volunteer hours.

Honors Transfer Program

www.losmedanos.edu/honors

925-473-7601

Los Medanos College's prestigious Honors Program guarantees its high achieving members an enhanced academic experience at LMC and offers incredible benefits such as:

Transfer Partnerships with Top Universities

LMC has 10 university honors partners. Honors Scholars enjoy a greater acceptance rate to transfer partner universities as compared to non-honors transfer students.

Advanced Honors Courses

Taught by great professors and surrounded by the best minds on campus, honors students commit to taking at least two honors courses per year, typically one each semester. These courses are more sophisticated and prepare students for transfer to top schools.

Exclusive Enrollment Privileges for Honors Courses

Only Honors Students may enroll in Honors Courses

The Honors Center

The Honors Center provides computers, comfortable chairs and tables and other amenities to create an ideal space for students to study and collaborate. The center provides free printing privileges for program members.

Transcript Notation of your Honors Coursework

Helps students when applying to transfer or for scholarships.

Library

Library Building, 1st floor

www.losmedanos.edu/library

General Information: (925) 473-7570

Reference Desk: (925) 473-7575

The Library strives to impact the success of all LMC students by teaching information literacy skills and offering the guidance and encouragement to support students in their quest towards their academic goals. The library provides the entire LMC community with access to a place and information resources designed to support academic inquiry. The library accomplishes its mission by providing materials, services and instruction to all students and faculty on the Pittsburg campus, online and in the Library Learning Center at the Brentwood Center.

Current students, faculty and staff may borrow materials from the library or through interlibrary loan with the other District libraries and use the electronic databases and eBooks both on and off campus. Members of the community may also use materials in the libraries. The libraries currently hold over 27,000 print titles and have an additional 200,000+ eBook titles and subscribe to print periodicals and over 50 electronic databases, which allow for 24/7 access to thousands of full-text journals, magazines, newspapers, and streaming videos. Additionally, the Pittsburg campus library holds over 1,600 DVDs and CDs along with the equipment needed to utilize these items.

Reserve textbook collections are available for limited checkout at the Circulation Desk in the main Pittsburg Campus library and in the Library Learning Center in Brentwood. This reserve system is designed to meet the needs of students who cannot otherwise afford to purchase required books for general education. The textbooks in the collection come from titles requested by faculty, students and the library staff who make note of textbooks students frequently inquire about.

LMC Librarians assist patrons with their research needs in various ways, including research consultation appointments and drop in research help at both the Pittsburg Campus library and in the Library Learning Center in Brentwood, email reference, IM chat, video conferencing and phone reference.

The library provides custom library instruction workshops at the request of faculty members.

Highlights of the Pittsburg Campus Library building include:

- Over 50 computer stations for student and public use
- Children's book collection and reading area
- ESL and Spanish language collections
- 5 group study rooms
- Seating for 200
- WiFi access
- Full-color and black & white printers
- 1 document scanner
- 2 copy machines

Highlights of the Library Learning Center in Brentwood include:

- Study tables and computer stations 3 group study rooms
- WiFi access
- Black & white printer

Math Lab

Math Building, MA-102

www.losmedanos.edu/Groups/Math/web/lab.aspx

(925) 473-7662 Pittsburg Campus

(925) 473-6925 Brentwood Center

The Math Tutoring and Computer Math Labs are staffed by professors, tutors, and Math Lab coordinators and is the place for students to get help on lab assignments, course concepts, computer software, and other assignments. The Math Tutoring Lab at the Pittsburg Campus offers a large study area along with five smaller rooms for study groups. Students can check out calculators to use in class as well as textbooks to use in the Math Tutoring Lab. Each Math Lab computer is installed with software used in the most current math courses. A separate quiet study room and testing center offers a noise-free space for students to work (no tutoring occurs in here as a courtesy to other students) and take mastery quizzes and exams. There is also a Math Tutoring Lab at the Brentwood Center. This service is limited to LMC students enrolled in the college's math classes.

MESA Program

www.losmedanos.edu/mesa

(925) 473-7685

Math Engineering Science Achievement (MESA) Program provides academic support for of educationally and economically disadvantaged students so they can excel in math and science. MESA helps develop the necessary academic and leadership skills to successfully transfer and later graduate from a four-year university with a degree in mathematics, engineering, science or computer science. The MESA program supports STEM students through counseling, mentoring, tutoring, and workshops and by providing them with scholarship and numerous internship opportunities.

Puente Program

www.losmedanos.edu/student-services/puente/index.aspx

The mission of the Puente Program is to increase the number of educationally under-served and first-generation students who transfer to four-year colleges and universities, earn college degrees, and return to the community as mentors and leaders to future generations. The nationally recognized Puente Program, with a twenty-year legacy at Los Medanos College, is sponsored by the University of California and the California Community College Chancellor's Office.

Benefits to being a Puente student:

- A dedicated English instructor and Counselor
- Blocked classes
- Individualized counseling services
- Transfer support, including college visits
- Culturally-relevant activities and trips
- A large network of Puente students and alumni

Transfer Academy

www.losmedanos.edu/transferacademy

(925) 473-7446

Transfer Academy is a cohort-based learning community for students new to Los Medanos College who have plans to transfer. Each fall we accept 90 students into our program and assist them in getting acclimated to college life and determine their path while here at LMC. All students who join Transfer Academy will receive:

- One-on-one counseling with a dedicated counselor
- Educational plans based on their major and transfer goals
- Blocked high demand classes making registering easy and convenient
- A group of committed and passionate staff and faculty to provide support both in and outside of the classroom
- Fun and informative group activities and events
- Early and free access to university tours

- Transfer scholarships and program swag

Transfer Academy students are the heart of the campus as they take what they learn in their classes about the transfer process and share it with the college community and their classmates.

Umoja Scholars Program

www.losmedanos.edu/umoja

(925) 473-7602

The Umoja Scholars Program is committed to enriching, fostering, and nurturing the educational experience of all students, especially African American and first-generation college students, ultimately preparing them for academic, personal, and professional success beyond Los Medanos College. This program addresses student needs through academic support services and a curriculum that focuses on African American literature and history as well as contemporary issues facing the African American community.

Member benefits:

- Counseling Services: Educational and Career planning
- Blocked courses
- Support services: tutoring
- Community Service & Leadership opportunities
- Cultural events & activities
- Culturally relevant curriculum

Other Services for Students

Bookstore

www.lmcbookstore.net

(925) 439-2056

The Bookstore is a self-supporting, institutionally owned enterprise. Bookstore profits are used for the general benefit of the student body, as determined by the Governing Board. Thank you for supporting your Bookstore!

The Bookstore is your place for official Los Medanos College textbooks, gear and supplies. Buy, sell and rent used and new textbooks, find official LMC clothing, and purchase supplies and gifts. The Bookstore is now located in the Student Union Building. To view textbook information related to specific classes, order books and other materials online, visit our website.

Textbook Rental Program – over 100 book titles and over 1,000 books are available for rent. A valid picture ID, student ID #, e-mail address, and Visa or MasterCard are required to rent books.

Payment for Purchases

Purchases may be paid for with cash, MasterCard or Visa. Personal checks are not accepted. An ATM is located in the bookstore for your convenience.

Buy-Back Policy

During the last week of each semester, a textbook buy back will be held. The days and hours will be posted online and in the store.

Up to 50% of the purchase price per book will be given unless:

- The instructor has dropped the text for next semester.
- The publisher has printed a new edition.
- The store is overstocked for the next term.
- The book is not in resalable condition in the bookstore's judgment.
- The course will not be offered the next term.
- The instructor has not notified the store of the book(s) that will be required.
- The book is a one-time use item such as a workbook or loose leaf.
- The book retails for less than \$3.95.
- **You are urged to:**
 - Read signs regarding buy-back policies before selling any books.
 - Ask how much is being offered for each book.
 - Keep any books that may be used again (in or out of class).
 - Not sell your books if you feel the amount offered is not a fair return.

Refund Policy

During the first week of each semester, the Bookstore will accept textbook returns and refund the cost to students, provided:

1. Textbooks were purchased at the beginning of the current semester.
2. The original cash register receipt received at the time of purchase is submitted with the refunded book.
3. New textbooks are returned in new condition. If books are marked with any highlighting or names, the refund allowance may be at the USED book purchase price. Used books must be in resalable condition.
4. Shrink-wrapped books cannot be returned if the wrap has been removed.
5. Refunds/exchanges can only be performed at the main campus Bookstore in Pittsburg, regardless if the original purchase was made at the Brentwood Center or online.
 - No refunds/exchanges on reference books, supplies food/drink and study aids.
 - Always save your receipt. Refunds/exchanges can only be processed with original cash register receipt.
 - SUMMER SESSION: Refunds/exchanges are issued only during the first four days of summer session.
 - SHORT-TERM SESSIONS: Refunds/exchanges are only issued when textbooks are returned within the first 24 hours of the first day of class.

Child Care Services

www.losmedanos.edu/childcare

(925) 473-7640

LMC provides a wide variety of childcare through the Child Study Center. Programs include:

- Full-day and half-day child care for infants, toddlers, and preschool children. Children aged 0 to 5 years may attend the part-time childcare program in four-hour scheduled time blocks. The hours for this program are 8:00 a.m. to 4:00 p.m., Monday through Friday.
- Enrollment is open to the children of LMC students, LMC employees, and community members. Children must attend the Center on a regular basis – no drop-in care is available. Hours are scheduled in a minimum of four-hour time blocks. The highest priority is given to full-time LMC student-parents who are continuing their education from semester to semester.
- We offer a reduced rate for all LMC students. You may also qualify for the CCAMPIS partial scholarship for details and information, please visit our webpage.
- For up-to-date information on an application, schedules and cost, visit the Child Study Center webpage: www.losmedanos.edu/childcare or email lmccchildstudycenter@email.4cd.edu

For up-to-date information on schedules and cost, visit the Child Study Center webpage:
www.losmedanos.edu/childcare

LMC Pride Alliance

www.losmedanos.edu/student-services/GandLcenter/

(925) 392-9080

LMC's LGBTQ+ Resources ensure that all people in our community are valued and served with dignity and respect, regardless of sexual orientation or gender identity. LMC publishes an "OutList" of LGBTQ+ LMC employees, an "Allies List" of allied LMC employees, and has a robust LGBTQ+ student club, Alliance.

We offer a LGBTQ+ Studies AA-T Degree! We strive to offer empowering, supportive, and stimulating opportunities for LGBTQ+ people to meet, learn, grow, and thrive.

Police Services

<https://www.losmedanos.edu/safety/>

(925) 473-7332

Campus Safety Center

Within the Contra Costa Community College District, the Police Services department is responsible for campus safety and security and serves as the primary law enforcement agency at all District locations, including LMC's Pittsburg Campus and Brentwood Center. The officers and staff are available to assist with problems involving unsafe conditions, lost property, personal injury, theft, civil disturbance, etc... All sworn officers are authorized to enforce all State and Federal laws and regulations on College/District-controlled property and surrounding areas.

Student Newspaper—The Experience

www.losmedanos.edu/journalism

(925) 473-7827

Los Medanos College's award-winning newspaper, the "Experience," is a practical laboratory for journalism students and serves as a First Amendment forum for the college community. Students experience the excitement of a working newsroom while honing practical skills as reporters, columnists, artists, photographers, videographers and editors. Groups and organizations with short news items for publication should contact the "Experience" at least two weeks before an event or activity to ensure there is enough lead time for the assignment of full-length preview stories or event coverage. The print edition is available for pick-up from newspaper stands on campus when the college is open. You can read the online edition at lmcexperience.com. For those needing information from older editions of the college newspaper, a historical archive of issues from Fall 1974 through Spring 2015 is available through the California Digital Newspaper Collection at www.cdnc.ucr.edu/. Go to Browse by Title and click on the Experience link. You can view historical issues online or download the PDF files of specific issues.

Veterans Resource Center

College Complex, CC-821

www.losmedanos.edu/veterans

(925) 473-7511

The Veterans Resource Center opened in April 2016, and provides an evolving array of services and resources for our student veterans. Current staff include the Veterans Program Coordinator, veterans counselors, education benefit certifying officials, and work-study student veterans. Resources consist of access to computers with printing; a relaxing atmosphere and lounge for our veterans to study and network with other veterans; financial aid information/application assistance; academic counseling; and referrals to off-campus community veteran services and resources with dedicated meeting space on-site as needed. The Veterans Resource Center is also home to the LMC Veterans Club. Participation in the LMC Veterans Club leadership council is highly encouraged, and all LMC student veterans are automatically members of the Club.

College Transfer and Graduation Requirements



Transfer Information

Many students will transfer to a four-year college or university after completing their lower division courses at Los Medanos College. Each four-year institution has a basic pattern of lower-division general education/breadth requirements and specific major requirements which may be fulfilled at Los Medanos College before transferring.

All students who plan to transfer should consult with an LMC counselor to develop an educational plan and to update it on a regular basis. Students should acquaint themselves with the catalog and website of the intended university, especially regarding admission requirements and application procedures. Students are advised to talk with LMC counselors and/or university representatives when selecting courses to meet major and general education requirements.

Some majors, such as engineering, pre-medical/dental/veterinary, biology, chemistry, physics, astronomy, architecture, and liberal studies, have very specific courses that must be completed before transfer, and do not require as many general education courses. A very useful website for LMC students planning to transfer to California public universities is www.assist.org. Students should also consult with an LMC counselor regarding majors leading to professional careers in fields such as teaching or law. Information about the teaching profession may be obtained at www.teachcalifornia.org.

Students will find that the LMC Transfer & Career Services provides information and support for transfer planning. Students can drop in at Transfer & Career Services, call (925) 473-7444, or visit www.losmedanos.edu/transfer.

Transfer to the California State University (CSU)

Los Medanos College transfers students to all 23 campuses of the California State University system. The CSU campuses are located throughout the state, and students can find information about the CSU system at www.calstate.edu. Admission representatives from local CSU campuses visit Transfer & Career Services on a regular basis. Please consult with an LMC counselor and check with Transfer & Career Services for more information.

Transfer Admission Requirements for CSU Students who have completed college units after graduation from high school are considered transfer students. Students should complete classes that meet general education and major requirements.

To transfer as a junior to CSU, students must complete all of the following:

- Minimum 60 CSU transferrable units with a 2.0 grade point average
- At least 30 of these units must be general education courses from the college's CSU –GE sheet (see page 56 of catalog)
- The “Golden Four”: Courses in oral communication, composition, critical thinking, and quantitative reasoning, completed with a grade of “C” or higher. Many majors have specific course requirements beyond those above that must be met to be eligible for admission. A higher grade point average than the minimum may also be required. The requirements for a particular major may differ from one CSU campus to the next and may change annually, so students must consult regularly with a counselor when selecting their courses.

Special Note

Students who complete college units before they graduated from high school or during the summer between high school graduation and CSU enrollment are considered first-time freshman and must meet those admission requirements.

Transfer to the University of California (UC)

Every year, Los Medanos College students transfer successfully to the UC system. The UC system is comprised of ten campuses, the following nine of which have undergraduate programs: UC Berkeley, UC Davis, UC Irvine, UCLA, UC Merced, UC Riverside, UC San Diego, UC Santa Barbara and UC Santa Cruz. Admission representatives from UC campuses visit the Transfer & Career Services on a regular basis. Check with the Transfer & Career Services counter to obtain a schedule of these visits, or visit www.losmedanos.edu/transfer.

Minimum Admission Requirements for UC Transfer Applicants

To be eligible to apply for transfer as a junior, students must complete at least 60 units of UC transferable credit and meet specific admission requirements. In addition:

- Two UC-transferrable college courses in English composition, and
- One UC-transferrable college course in mathematical concepts and quantitative reasoning; and
- Four UC-transferrable college courses chosen from at least two of the following subject areas: the arts and humanities, the social and behavioral sciences, and the physical and biological sciences

All courses above must be completed with a grade of “C” or higher.

Many majors have specific course requirements beyond those above that must be met to be eligible for admission. A higher grade point average than the minimum may also be required. The requirements for a particular major may differ from one UC campus to the next and may change annually, so students must consult regularly with a counselor when selecting their courses.

Information on transferring to the UC system may be obtained online at www.universityofcalifornia.edu/admissions.

Special Transfer Admissions Programs

Transfer Admission Agreements/Guarantee

Some universities offer a program that guarantees students admission to a specific major as a junior if they complete the specified requirements. Participating universities include many University of California campuses and a variety of private universities, including 36 Historically Black Colleges and Universities (HBCUs).

To learn about current universities offering transfer guarantees, their specific requirements, and the timeline for completing an agreement, visit the Transfer & Career Services or check online at www.losmedanos.edu/transfer.

Concurrent Enrollment (UC Berkeley)

The Concurrent Enrollment Program permits access to UCB classes so that eligible students may test their potential for success in a university setting and/or students may take required courses at the University, which may not be available at the community college.

Cross Registration (CSU East Bay)

The Cross Registration Program allows eligible students to enroll concurrently at CSU East Bay and provides the opportunity to take required or exploratory courses at this baccalaureate institution.

Honors Transfer Admission Agreements

Graduates of the Honors Program receive either guaranteed or priority admission from our ten honors transfer partners. Many of our transfer partners also offer guaranteed or priority scholarship assistance to accepted Honors Students. The honors transfer partners include UCLA, CSU East Bay, San Francisco State University, Saint Mary's College and other public and private universities around the state. For details and a complete list, visit the Honors Program website at www.losmedanos.edu/honors, or contact Honors Director Jennifer Saito at jsaito@losmedanos.edu.

Intersegmental General Education Transfer Curriculum (CSU & UC)

The Intersegmental General Education Transfer Curriculum (IGETC) is a general education pattern which community college transfer students can use to fulfill lower-division general education requirements in either the California State University (CSU) or University of California (UC) system without the need, after transfer, to take additional lower-division general education courses.

IGETC is not advisable for all students planning to transfer. IGETC is only one way to fulfill the lower-division general education requirements of the UC or CSU. It is not recommended for certain

majors and certain colleges, and some colleges do not accept IGETC. Students pursuing majors that require extensive lower-division major preparation may not find the IGETC option to be advantageous. Engineering and architecture are examples of those majors. Roosevelt and Revelle Colleges at UC San Diego, the HAAS School of Business at UC Berkeley, and the College of Environmental Design (architecture and landscape architecture majors) at UC Berkeley will not accept the IGETC.

Some students may be better served by taking courses which fulfill the CSU general education-breadth requirements OR those of the UC campus or college to which they plan to transfer. The IGETC will probably be most useful for students who want to keep their options open before making a final decision about transferring to a particular CSU or UC campus. Students should check with an LMC counselor or university representative about whether or not IGETC is appropriate for them.

To be certified under IGETC, the entire program must be completed prior to transfer. All courses must be completed with a grade of “C” or better. If the IGETC is not completed prior to transfer, students will be subject to the lower-division general education requirements of the campus or college to which they transfer.

All coursework applicable to the IGETC must be completed and certified in order to be accepted by CSU and UC. In addition to the course requirements for each subject area, full certification for the CSU must include completion of the oral communication requirement. For the UC, oral communication is not required, but the certification must include satisfaction of the foreign language proficiency requirement. Students should consult with an LMC counselor and contact the Admissions Office at LMC for IGETC certification.

See the following pages for classes that meet the IGETC pattern or the CSU GE/Breadth requirements at Los Medanos College. Contact the Counseling Services or Transfer & Career Services for the most current approved course list and for questions related to IGETC or general education.

Transfer to Private and Out-of-State Colleges and Universities

Every year, LMC students transfer to private colleges and universities in California. LMC students also transfer to universities and colleges out of state, both private and public. Entrance requirements and general education course equivalents are so varied, however, that students anticipating transfer to one of these colleges should obtain its catalog, or consult its website, and work closely with a Los Medanos College counselor to ensure that transfer planning is effective. Some private and out-of-state colleges and universities will accept the completed IGETC to meet their lower-division general education requirements. Admission representatives from local private colleges and universities visit Transfer & Career Services on a regular basis. Contact Transfer & Career Services for more information.

Graduation Requirements

Applying for Graduation

Petitions to graduate with an associate degree or certificate of achievement must be submitted using the Graduation tile on InSite. Information regarding deadlines, policies, and procedures surrounding graduation are published on the college website. Only courses and credit from regionally accredited institutions may be used to satisfy graduation requirements. See “Credit Accepted at Los Medanos

College” in the Standards of Scholarship section for more information. Applications for college skills certificates can be submitted once requirements are complete. Petitions for Skills Certificates, Noncredit Certificates of Competency, and Noncredit Certificates of Completion are available in the LMC Student Forms tile through InSite.

The graduation commencement ceremony is held once a year at the end of the spring semester for those students who complete the requirements for graduation during the academic year. Awards will be mailed to graduates approximately twelve weeks after the end of the semester in which requirements are completed.

Catalog Rights

LMC publishes a new catalog every year, and the requirements for the degree/certificate programs may change from one catalog to the next. The requirements in a specific academic year’s catalog are the student’s contract (catalog rights) with the college and that catalog defines what the student must complete to earn a degree or certificate. Catalog rights do not pertain to prerequisites. Students have the right to graduate under the terms and regulations of any of the catalogs that are published while in continuous enrollment at LMC, prior to eligibility for graduation.

Continuous enrollment is defined as enrollment in at least one course at Contra Costa College, Diablo Valley College or Los Medanos College in an academic year (fall, spring, summer). The student must receive a grade or notation on their transcript of A, B, C, D, F, P, NP, I, MW, EW, or W for the course. This continuous enrollment policy applies to students who are new, returning, or continuing. If students break continuous enrollment, they will be granted catalog rights to the catalog in effect when they return or petition for the degree or certificate.

The college reserves the right to change catalog rights or program requirements based upon legal mandate and accreditation standards at any time. Catalog rights do not apply to IGETC certification. Students must follow the IGETC pattern in effect when they petition for certification. Courses used for CSU GE or IGETC certification must be on the approved list at the time they are completed.

Associate Degree for Transfer Requirements

LMC offers Associate in Arts (AA-T) or Associate in Science (AS-T) degrees, which are designed to provide a clear pathway to a CSU major and baccalaureate degree. Students who are awarded an AA-T or AS-T degree are guaranteed admission with junior standing somewhere in the CSU system and given priority admission consideration to their local CSU campus or to a program that is deemed similar to their community college major. This priority does not guarantee admission to specific majors or campuses.

Students who have been awarded an AA-T or AS-T are able to complete their remaining requirements for the 120-unit baccalaureate degree within 60 semester or 90 quarter units.

Students are encouraged to meet with a counselor to review their options for transfer and to develop an education plan that best meets their goals and needs.

Associate Degree Requirements

LMC students have the option of obtaining an Associate of Arts degree or an Associate of Science degree. Students should consult with an LMC counselor. The counselor will assist the student in

planning the courses required to satisfy the major for the degree and all other graduation requirements. Students may earn multiple degrees.

Students may apply for substitutions only in their major and only for associate of arts degrees, associate of science degrees, and certificates of achievement.

In order to receive an associate degree from Los Medanos College, a student must meet competency requirements in mathematics, reading and writing.

Mathematics Competency Requirement:

1. Complete ETEC-009; PTEC-009; MATH-026, MATH-029, MATH-030, MATH 110, MATH-120, MATH-140, MATH-155 or higher with a grade of “C” or better,
or
2. Score a grade of 3, 4 or 5 on any AP Calculus Exam

Reading and Writing Competency Requirements:

1. The reading/writing requirement is cleared when an “A”, “B”, or “C” grade is earned in ENGL-100, 100e,
or
2. Score a grade of 3, 4 or 5 on AP English Literature Exam or AP English Language Exam

Certificate of Achievement Requirements

Satisfaction of the requirements defined in the Majors section, including 12 units in residency, and a cumulative grade point average of 2.0, qualifies a student for the certificate of achievement. Students may earn multiple certificates.

College Skills Certificate Requirements

These certificates require less than 16 units of course work within the major programs of study. Students must complete at least 50% of the courses required for the skills certificates at Los Medanos College. Course substitutions are not allowed. For information, contact the department chair or a counselor.

Noncredit Certificate Requirements

Noncredit Career Development and College Preparation Programs and required courses classified as noncredit Career Development and College Preparation (CDCP) prepare students for employment or to be successful in college level credit coursework.

Certificate of Competency- Noncredit Career Development and College Preparation (CDCP)

Students enroll in a noncredit educational program of noncredit courses has demonstrated achievement in a set of competencies that prepares students to progress in a career path or to undertake degree-applicable or non-degree-applicable credit courses. Students must earn a “P” (Pass) in all required courses.

Certificate of Completion- Noncredit Career Development and College Preparation (CDCP)

Students complete a noncredit educational program of noncredit courses that prepares students to progress in a career path or to take degree applicable credit courses. Students must earn a “P” (Pass) in all required courses and must fulfill the total required hours in required courses.

General Education

Philosophy

“Central to an Associate Degree, General Education is designed to introduce students to the variety of means through which people comprehend the modern world. It reflects the conviction of colleges, then, that those who receive their degrees must possess in common certain basic principles, concepts and methodologies both unique to and shared by the various disciplines. College educated persons must be able to use this knowledge when evaluating and appreciating the physical environment, the culture and the society in which they live. Most importantly, General Education should lead to better self-understanding.” — *California Code of Regulations, Title 5, 55061*

General Education is designed to enhance the lives of students in the broadest sense. A person who graduates from Los Medanos College should have well-developed reading, writing, speaking and critical thinking skills, and will mobilize these abilities in all areas of their lives, for the rest of their lives. They can ask thoughtful questions, grapple with difficult texts and concepts, reason quantitatively, consider competing perspectives, challenge arguments and question conventional ideas, evaluate sources of information, admit their own limitations, and demonstrate curiosity and a desire for continued learning.

The ends of general education, then, are interdisciplinary, and are more than academic; they are civic, ethical, and personal. Civic, because citizens in a democracy need to think, be informed, and work collaboratively with others in their communities. Ethical, because we are bound to uphold rights, promote equity, respect diversity, and oppose the mistreatment of humanity and the natural world. And personal, to enhance self-awareness and intellectual discipline.

The GE program at LMC is rigorous and challenging, but also responsive to students and relevant to real-world issues. It honors the diversity of its students’ opinions and life experiences. The courses in the GE program are active, dynamic, probing, far-reaching, and open to unexpected lines of inquiry, and will engage and benefit any student, not only those with a professional or personal interest in the subjects.

— *adopted April 8, 2020*

Student Learning Outcomes for all General Education courses

GE SLO 1: Human Communication

At the completion of the LMC GE program a student will be able to communicate and collaborate effectively as a speaker, visual communicator, and/or performer.

GE SLO 2: Information Literacy

At the completion of the LMC GE program a student will be able to evaluate information and its sources critically.

GE SLO 3: Ethical Insight

At the completion of the LMC GE program a student will be able to analyze and address ethical problems with a clear understanding of personal, social and civic responsibilities.

GE SLO 4: Diverse Perspectives

At the completion of the LMC GE program a student will be able to evaluate diverse social, multicultural and/or global perspectives regarding current or past issues and events.

GE SLO 5: Quantitative Reasoning

At the completion of the LMC GE program a student will be able to utilize quantitative reasoning and apply mathematical principles to real world situations.

GE SLO 6: Scientific Inquiry

At the completion of the LMC GE program a student will be able to apply methods of scientific inquiry in real world situations.

Student Learning Outcomes for all degree-applicable courses**Universal SLO 1: Reading and Writing**

At the completion of an LMC degree or certificate of achievement, a student will be able to read critically and write effectively.

Universal SLO 2: Critical Thinking

At the completion of an LMC degree or certificate of achievement, a student will be able to think critically.

Associate Degrees at LMC

The Associate Degree requires 60 degree-applicable or transfer-level units.

LMC offers four types of Associate Degrees:

- **Associate in Arts for Transfer (AA-T)**
- **Associate in Science for Transfer (AS-T)**
- **Associate of Arts (AA)**
- **Associate of Science (AS)**

Students who intend to transfer to a CSU, UC, or private school are advised to complete the California State University General Education Breadth (CSU-GE), Intersegmental General Education Transfer Curriculum (IGETC) requirements, or the unique general education pattern of the private school. The LMC Local General Education pattern does not prepare students for transfer.

Associate Degree for Transfer

Students complete 60 transferable units that include the required units in a major or Area of Emphasis and one of the following:

1. IGETC for CSU or CSU-GE Breadth
2. IGETC or CSU-GE Breadth for STEM pattern requirements (Biology and Chemistry ADTs only)

IGETC for STEM: Students are advised that for this major, they may use the IGETC for STEM (Science, Technology, Engineering and Mathematics) pattern. IGETC for STEM allows students to concentrate on the lower division math and science courses required for a STEM major; and it is impossible for students to complete major preparation coursework and IGETC or CSU GE Breadth without going over 60 units prior to transfer.

This pattern allows students to complete one course in Area 3A; one course in Area 3B; and two courses in Area 4 from two different disciplines. Some variations in major requirements may exist at certain four-year institutions; therefore, students who intend to transfer are advised to refer to the catalog of the prospective transfer institution and consult a counselor.

CSU-GE Breadth: for STEM: Students pursuing certain ADTs may be eligible to take "GE Breadth for STEM," deferring one lower-division course in Subarea C and one lower-division course in Subarea D until after transfer. GE Breadth for STEM is applicable only to majors for which the Transfer Model Curriculum specifies GE Breadth for STEM.

Associate of Arts & Associate of Science

Students must complete:

1. 60 degree-applicable units with a cumulative GPA of 2.0 or higher,
2. 12 units in residency (completed at LMC),
3. The specific major requirements (a minimum of 18 units) listed in the Majors section with a grade of C or better.
4. One of the following General Education pattern requirements:
 1. California State University General Education Breadth (CSU-GE) requirements.
 2. Intersegmental General Education Transfer Curriculum (IGETC) requirements.
 3. LMC Local General Education Pattern requirements.

Students planning to transfer to a private or out-of-state university need to consult a counselor, since four-year college requirements vary widely and are subject to change.

Certificates

LMC offers four types of Certificates:

- **Certificate of Achievement**
- **College Skills Certificate**
- **Certificate of Competency - Noncredit Career Development and College Preparation (CDCP)**

- **Certificate of Completion - *Noncredit Career Development and College Preparation (CDCP)***

Certificate of Achievement

Students complete the requirements defined in the Majors section, including 12 units in residency (completed at LMC).

College Skills Certificate

Locally approved certificates that require less than 16 units of coursework within the major programs of study. Students must complete 50% of the courses required for the skills certificates at LMC.

Certificate of Competency

Noncredit Career Development and College Preparation (CDCP)

Students enroll in a noncredit educational program of noncredit courses has demonstrated achievement in a set of competencies that prepares students to progress in a career path or to undertake degree-applicable or non-degree-applicable credit courses. Students must earn a “P” (Pass) in all required courses.

Certificate of Completion

Noncredit Career Development and College Preparation (CDCP)

Students complete a noncredit educational program of noncredit courses that prepares students to progress in a career path or to take degree applicable credit courses. Students must earn a “P” (Pass) in all required courses and must fulfill the total required hours in required courses.

Associate Degree General Education Requirements

LMC Local General Education Pattern

A minimum total of 60 degree-applicable units are required for the associate degree. Students must complete this coursework, in addition to 18 or more units in a defined major as listed in the catalog. Of the total units completed, 12 units must be at LMC, with a cumulative grade point average of 2.0 or higher. Completing the required courses in the boxes below will total between 18-19 units. Please see a counselor for assistance in selecting appropriate courses. Students choosing the transfer track option are strongly encouraged to see a counselor since four-year college requirements vary widely and are subject to change.

LR: Language and Rationality 6 units (minimum)

Complete two courses:

LR1: English Composition

Complete one course:

ENGL-100, 100E;

LR2: Communication and Analytical Thinking

Complete one course from LR2a or LR2b.

LR2a: Communication

Complete one course:

- ENGL-220, 221, 230; PHIL-110, 210 ; SPCH-110, 120

Satisfy one of the following:

- Students who have received a grade of C or higher in both semesters of a high school Algebra 2 course,

Received transfer credit equivalent to Intermediate Algebra or higher, from a regionally accredited institution may submit official transcripts to meet the Mathematics competency requirement (LR2b).**ORLR2b: Analytical Thinking (Math Comprehension)**

Complete one course:

ETEC-009*; PTEC-009*;

MATH-110, 120, 140, 155 or higher;

NS: Natural Sciences 3 units (minimum)

Complete one course:

ASTRO-010, 011;

CHEM-006, 007, 025, 026, 028, 029;

BIOSC-005**, 007, 008, 010, 020, 021, 030, 040, 045, 050;

ENGIN-010*;

PHYS-015; 035, 036, 040, 041, 042;

PHYSC-005;

PTEC-015;

RNURS-036*;

AH: Arts and Humanities 3 units (minimum)

Complete one course:

ART-005, 006, 007, 008, 009, 016, 017, 018, 019, 032, 033, 034, 035;

DRAMA-015, 016, 070;

ENGL-113, 114, 115, 120, 121, 122, 124, 127, 128, 129, 130, 132 133, 144, 146, 150, 220, 221, 230, 240, 245;

FRNCH-060, 061;

HUMAN-019, 020, 021, 022, 023, 024, 030, 035, 040, 050, 060;

ITAL-060, 061;

JOURN-100, 110;*

MUSIC-010, 012, 015, 017;

PHIL-100, 110, 120, 122, 130, 132, 133, 140, 150, 151;

SIGN-050, 051, 052, 053;

SPAN-049, 050, 051, 052, 053, 057, 060;

SPCH-110, 130, 180;

SB: Social and Behavioral Sciences 3 units (minimum)

Complete one course

ADJUS-110, 160, 220;

ANTHR-001, 004, 005, 006, 007, 008;

CHDEV-010, 020;

ECON-005, 010, 011;

EDUC-100;

ENGL-110, 136;

ETHN-045, 101, 102, 103, 110, 120, 121;

HIST-029, 030, 031, 034, 035, 037, 038, 039, 040, 047, 052, 054, 055, 056, 057, 060, 061, 062, 065, 066;

POLSC-010, 033, 040, 043, 050, 109, 160;

PSYCH-010, 011, 014, 017;

SOCIO-012, 015, 016, 017;

SJS-110, 136;

SPCH-120, 130;

EM: Ethnic/Multicultural Studies 3 units (minimum)

Complete one course:

ADJUS-160;

CHDEV-050;

DRAMA-015, 030;

ENGL-110, 120, 121, 127, 128, 129, 133, 135, 136;

ETHN-045, 101, 102, 103, 110, 120, 121;

HIST-037, 047, 052, 054, 055, 056, 057, 060, 061, 062, 066;

SJS-110, 135, 136, 150;

SPCH-150;

Total Units 18 units (minimum)

Courses can be counted in one category only.

*These courses meet LMC GE requirements, but transfer as electives or major requirements.

**Degree credit if taken Summer 2011 and later.

Elective Units for GE Transfer

While these courses are not part of LMC Local Pattern General Education pattern requirements they may transfer as GE units in the CSU-GE or IGETC requirements patterns if you decide to transfer in the future.

ACS-010

COUNS-035, 036, 038

Completion of Basic Training clears CSU-GE Area E

KINES-100, 203, 210

CSU General Education Breadth Requirements

General Education - Breadth Requirements 2023 - 2024

Students choosing to transfer are **strongly encouraged to see an LMC counselor**, since four-year college requirements vary widely and are subject to change. Students must request that the CSU GE certification be sent to the four-year campus that they will be attending. Check the appropriate box on the "Transcript Request" form at Admissions & Records. Partial GE Certification is available.

AREA A

English Language Communication and Critical Thinking

A Minimum Of One Course In Areas A1, A2 And A3

A1 Oral Communication (3 units)
SPCH-110, 120

A2 Written Communication (3 units)
ENGL-100, 100E

Critical Thinking
PHIL-110, 210,
A3 *ENGL-220, 221, 230,* (3 units)
ETHN-102,
SPCH-120

Some CSU campuses also require English 230 to satisfy graduation requirements. Please consult with a counselor.

AREA B

Scientific Inquiry and Quantitative Reasoning

A minimum of one course in areas B1, B2 and B4. At least one course in physical science or biological science must have a laboratory activity as outlined in B3. (9 Semester units minimum)

Physical Science
ASTRO-010,
B (3
1 *CHEM-006, 007, 008, 025, 026, 028, 029,* units)
PHYS-015, 035, 036, 040, 041, 042,
PHYS-005

Life Science

**B
2**

BIOSC-007, 008, 010, 020, 021, 030, 040, 045, 050,
ANTHR-001

(3
units)

Laboratory Activity

**B
3**

ASTRO-010 and 011,
BIOSC-007, 008, 010, 020, 021, 030, 040, 045, 050,
CHEM-006, 007, 008, 025, 026, 028, 029
PHYS-015, 035, 036, 040, 041, 042

Mathematics/Quantitative Reasoning

**B
4**

Satisfactory completion qualifies for exemption from the ELM examination requirements.
MATH-110, 120, 140, 155, 160, 210, 220, 230, 240, 250

(3
units)

AREA C

Arts and Humanities

A minimum of one course in C1 & C2 and one additional course in C1 or C2.

Arts

**C
1**

ART-005, 006, 007, 008, 009, 019, 032, 033, 034, 035,
DRAMA-015, 016, 025, 070, 072,
HUMAN-035, 060,
MUSIC-010, 012, 015, 017,
SPAN-060

Humanities

ART-016, 017, 018, 019, 034,

DRAMA-025,030, 072

ENGL-113, 114, 115, 120, 121, 122, 124, 127, 128, 129, 132, 133, 144, 146, 150, 230, 231, 240, 245,

FRNCH-060, 061,

C *HIST-029, 030, 031, 033, 034, 035, 037, 038, 039, 040, 046, 047, 052, 054, 055, 056, 057,*
2 *060, 061, 062, 065, 066,*

HUMAN-019, 020, 021, 022, 023, 024, 030, 040, 050,

ITAL-060, 061,

PHIL-100, 120, 122, 130, 132, 133, 140, 150,

POLSC-033,

SIGN-050, 051, 052, 053, SJS-150,

SPAN-049, 050, 051, 052, 053, 057, 058

AREA D

Social Sciences

Six semester units taken from at least 2 disciplinary perspectives.

ADJUS-110, 160, 220

ANTHR-004, 005, 006,007, 008

CHDEV-010, 020, 050

ECON-005, 010, 011

ENGL-110, 135, 136

ETHN-045, 101, 103, 110, 111, 112, 113, 120, 121

HIST-029, 030, 031, 033, 034, 035, 037, 038, 039, 040, 047, 052, 054, 055, 056, 057, 060, 061, 062, 065, 066

JOURN-100

POLSC-010, 033, 040, 043, 050, 109, 160

PSYCH-010, 011, 014, 017

SOCIO-015, 016, 017

SJS-110, 135, 136, 150

SPCH-130, 150

AREA E

Lifelong Learning and Self-Development

Minimum of one course, 3 units.

ACS-010,

ANTHR-007,

BIOSC-005,

CHDEV-010,

COUNS-035, 036, 038,

KINES-100, 203, 210

PSYCH-014,

SOCIO-012, Basic training clears Area E

AREA F

Ethnic Studies

3 semester units.

ETHN-045, 101, 102, 103, 110

U.S. History, Constitution and American Ideals

These courses may double count in Area D

Students can meet this requirement in two ways:

- 1) POLSC-010 and any course listed in US-1 Courses below.*
- 2) POLSC-040 and POLSC-160 and any course listed in US-1*

US-1 courses:

ECON-005,

HIST-029, 030, 037, 047, 052, 054, 056, 057, 060, 061.

IGETC Requirements

IGETC: Intersegmental General Education Transfer Curriculum 2023 – 2024 Requirements for Students Transferring to CSU or UC

Students choosing to transfer are **strongly encouraged to see an LMC counselor**, since four-year college requirements vary widely and are subject to change.

Although courses may be listed in more than one area, they may be used to satisfy the requirement in only one area.

Students must request that the IGETC certification be sent to the four-year campus that they will be attending. Check the appropriate box on the “Transcript Request” form at Admissions & Records.

Note: Although it is possible to fulfill the Associate Degree for Transfer by completing the IGETC for UC pattern, admission to CSU requires completion of an Oral Communication course (CSU GE Area A-1, IGETC Area 1C), therefore, students who plan to transfer to CSU should complete this course as part of their elective units.

AREA 1 English Composition

CSU: *Three courses required: One course from 1A, 1B and 1C.*

UC: *Two courses required: One course from 1A and 1B.*

1A English Composition: *ENGL-100, 100E*

1B Critical Thinking – Composition: *ENGL- 221, 230, PHIL-110*

1C Oral Communication (CSU only): *SPCH-110, 120*

AREA 2 Mathematical Concepts and Quantitative Reasoning

One course required (3 semester units minimum).

MATH- 110, 140, 155, 160, 210, 220, 230, 240, 250

Math 140 and 210 combined: credit for one course only.

AREA 3 Arts & Humanities

At least 3 courses, with at least one course from the arts and one course from the humanities. (9 semester units.)

ART-005, 006, 007, 008, 009, 016, 019, 032, 033, 034,
3 *DRAMA-015, 016, 070,*
A *HUMAN-040,*
MUSIC-010, 015, 017

Humanities:

ART-017, 018, 019, 035,
DRAMA-025, 030, 072,
ENGL-120, 121, 122, 124, 127, 128, 129, 132, 133, 144, 150, 180, 230, 231, 240, 245,
FRNCH-061,
3 *HIST-001, 034, 035, 037, 038, 039, 040, 047, 052, 054, 056, 057, 060, 061, 062, 065, 066*
B *HUMAN-019, 020, 021, 022, 023, 024, 030, 035, 050, 060,*
ITAL-061,
MUSIC-012,
PHIL-100, 120, 122, 130, 132, 133, 140, 150, 151,
POLSC-133, SIGN-051, 052, 053,
SPAN-051, 052, 053, 057, 058

ENGL-127, ENGL-133, MUSIC-012 satisfies American Cultures Requirement, UC Berkeley.

Please check with the Counseling Department for up-to-date information. The current list of all CSU and UC transferable courses are found at www.assist.org.

AREA 4 Social & Behavioral Sciences

At least 2 courses from at least 2 disciplines. (6 semester units).

ADJUS-110

ANTHR-004, 005, 006, 007, 008

CHDEV-010

ECON-005, 010, 011

ENGL 110, 135, 136

ETHN-045, 101, 102, 103, 110

HIST-029, 030, 031, 033, 034. 035. 037, 038, 039, 040, 047, 052, 054, 055, 056, 057, 060. 061, 062, 065, 066

JOURN-100

PHIL-133

POLSC- 010, 033, 040, 043, 050, 109, 160

PSYCH-010, 011, 014, 017

PSYCH-014

SJS-110, 135, 136, 150

SOCIO-015, 016, 017

SPCH-130, 150

AREA 5 Physical & Biological Sciences

At least 2 courses, one physical science course and one biological science course; at least one must include a laboratory. (7-9 semester units.)

Physical Science: *ASTRO-010, 011,*
CHEM-006, 008, 025, 026, 028, 029,
5A *PHYS-015, 035, 036, 040, 041, 042,*
PHYS-005

Biological Science:
5B *BIOSC-007, 008, 010, 020, 021, 040, 045, 050,*
ANTHR-001

Science Laboratory:
5C *BIOSC-007, 008, 010, 020, 021, 040, 045, 050*
CHEM-006, 025, 026, 028, 029
PHYS-015, 035, 036, 040, 041, 042

No credit for BIOSC-010 if taken after BIOSC-020.

No credit for CHEM-006 if taken after CHEM-025.

No credit for PHYS-015 if taken after PHYS-035.

No credit for PHYS-005 if taken after college level course in Astronomy, Chemistry, Geology or Physics.

AREA 6 Languages Other Than English

UC Requirement only. Proficiency equivalent to two years of high school study in the same language. One course (3-5 semester units)

FRNCH-060, 061;

ITAL-060, 061;

SIGN-050, 051, 052, 053;

SPAN-050, 051, 052, 053, 057, 058

AREA 7 Ethnic Studies

Minimum of one course, 3 units

ETHN-045, 101, 102, 103, 110

U.S. History, Constitution & American Ideals

CSU Requirement only. Courses used to satisfy this requirement may be double counted in Area 3 & 4. Students can meet this requirement in two ways:

- 1) POLSC-010 and any course listed in US-1 Courses below.***
- 2) POLSC-040 and POLSC-160 and any course listed in US-1 Courses below.***

US-1 courses:

ECON-005,

HIST-029, 030, 037, 046, 047, 052, 056, 057, 060, 061.

Student Planning



Are you ready to become an LMC student?

All students should have an education plan. Your education plan is your individualized roadmap to your college goals. Use the “Student Planning” tool to track your progress, update the plan as needed, make an appointment with a counselor and register for courses.

[Apply, Register, and Plan](#)

Program Requirements, Courses and Program Student Learning Outcomes



Section Index

- [Understanding Courses Descriptions](#)
- [Guidelines on Units of Credit](#)
- [Department Listings](#)

Understanding the Course Descriptions

The course descriptions provide information believed to be true and correct as of the publication of this college catalog. Courses described may not be offered every term or every academic year. Check the Schedule of Classes for our current listings of LMC course offerings.

Courses are listed alphabetically by department and numerically within the departmental sequence.

Any course may be offered during any term, evening or day hours, on or off campus, when there is evidence of sufficient numbers of students to justify offering the class. Any course listed in the Schedule of Classes may be canceled when the enrollment is too low to justify offering the class or if an instructor is not available.

Course Codes/Descriptors

Class Hours

References the number of lecture, lab, and/or activity hours of class meeting time per week or total hours that a course will meet over the duration of the term.

Units (of Credit)

The measure of how much credit may be earned for any given course. Unit totals are determined by the type of instruction associated with the course (i.e. lecture, lab) and the total number of hours the course will meet. See the “Guidelines on Units of Credits” section for further information.

Prerequisites/Co-requisites/Advisories

Prerequisites, co-requisites and advisories are listed for certain courses in the college catalog and class schedules. Prerequisites are courses or other requirements that a student must have completed and have verified in the Admissions & Records Office prior to enrolling in a given course.

Prerequisites are required for classes when there is a need for a specific skill level or knowledge in order to be successful in the desired class. Co-requisites are courses that must be taken concurrently with the desired course, in order to provide additional knowledge, skills, or lab time. Advisories are associated with particular classes to indicate the desired knowledge or skill level for successful course completion. Advisories are not required classes, but are recommended for student success. Prerequisite coursework will only be accepted from regionally accredited institutions, as recognized by the U.S. Department of Education.

Course Repeatability

Not all courses may be repeated, once they have been successfully completed (with a grade of “P”, “C” or better). If a course is repeatable, it will be stated at the end of the course description. If there is no statement regarding repeatability, a course may only be repeated if the first grade received was substandard (“NP”, “D”, or “F”). See the “Standards of Scholarship” section for further information about the Course Repetition Policy.

Grading Information

Courses may be graded with letter grades (A – F), or by student choice (SC). If a class is graded by pass/no pass, P/NP will appear at the end of the course description. If the student has a choice as to receiving a letter grade or credit/no credit, SC will appear at the end of the course description. LR will appear at the end of the course description for letter grade only.

If a student wishes to initiate the student choice option, they must complete a petition by the posted time line in the Admissions & Records Office (the deadline for short-term classes will vary, depending upon the length of the class). See the “Standards of Scholarship” section for further information.

Associate Degree Requirements

Associate Degree Requirements Courses may be identified as meeting a requirement for the standard Associate of Arts/Associate of Science degree(s) . These courses will be coded with an “LMC: ADR.” and the appropriate area requirement it meets. See page 68 for a listing of courses that are required to meet the standard Associate of Arts/Associate of Science path.

Degree Applicability

Courses are either identified as degree applicable or non degree applicable. If a course is degree applicable, it will be coded with “DA” below the course description and will apply toward the completion of requirements for an associate degree. If a course is non degree applicable, it will be coded with “NDA” and cannot be applied to units required for an associate degree.

Transfer Status Designations

CSU transferable (CSU): Courses identified with the CSU code are transferable to campuses of the CSU system. However, they may only be transferable as an elective. Students should check with their counselor or the Transfer Center for complete information about the transferability of courses toward meeting general education breadth requirements or major requirements.

CSU General Education Breadth Requirements (CSU GE): Courses identified with the CSU GE code are transferable to campuses of the CSU system. These courses meet the general education breadth requirements of the CSU system.

UC transferable (UC): Courses identified with the UC code are transferable to UC campuses. A course must be on the transfer course agreement (TCA) at the time the class is taken to be transferable to UC.

The lists of CSU, CSU GE and UC transferable courses are available at www.assist.org.

Intersegmental General Education Transfer Curriculum (IGETC): Courses identified with the IGETC code are part of a comprehensive pattern of courses prospective transfer students from the California Community Colleges may complete to satisfy lower-division General Education requirements at both the University of California and the California State University.

Course Identification Numbering System C-ID

C-ID, the Course Identification Numbering System, is a faculty-driven system that was initially developed to assign identifying designations (C-ID numbers) to significant transfer courses. C-ID addresses the need for a “common course numbers” by providing a mechanism to identify comparable courses. Most C-ID numbers identify lower-division transferable courses commonly articulated between the California Community Colleges (CCC) and universities (including Universities of California, the California State Universities, as well as with many of California's independent colleges and universities). While C-ID’s focus is on courses that transfer, some disciplines may opt to develop descriptors for courses that may not transfer to UC or CSU. As submission of a course to C-ID by a CCC indicates acceptance of courses bearing that C-ID number, C-ID is a means of establishing intrasegmental (with the CCC) articulation.

The C-ID number is a designation that ties that course to a specific course “descriptor” that was developed by intersegmental discipline faculty and reviewed statewide. It provides information for students, staff, and faculty who must identify which community college courses best meet the expectations transfer partners have for courses that contribute to transfer into a major at specific universities. The C-ID descriptor also provides information for ongoing curriculum development and revision of lower division courses.

Once the descriptor for a course has undergone wide discipline review, it is posted for general viewing. Individual college courses are compared to the minimum requirements set by these descriptors. Any community college course that bears the C-ID supranumber conveys that intersegmental faculty have determined it meets the published course content, rigor, and course objectives. The C-ID descriptor also means that any other course elsewhere, bearing the same number will be accepted by the institution.

Guidelines on Units of Credits

The college unit is an arbitrary measure, but arbitrary measures should also have consistent meaning. This guideline establishes a unit/hour ratio that describes the method of instruction and the type of learning activity in the various course offerings at Los Medanos College.

Instructional Category	In-Class Hours	Outside-of-class Hours
Lecture (Lecture, Discussion, Seminar and Related Work)	1	2
Laboratory (Traditional Lab, Natural Science Lab, Clinical, and Similar)	3	0
Activity (Activity, Lab w/Homework, Studio, and Similar)	2	1

Department Listings

Program Information

For all certificates and degrees, it is recommended that you consult an [LMC counselor](#) to develop your education plan.

- [Academic and Career Success](#)
- [Administration of Justice](#)
- [Anthropology](#)
- [Art](#)
- [Astronomy](#)
- [Automotive Technology](#)
- [Biological Science](#)
- [Business](#)
- [Chemistry](#)
- [Child Development/Early Childhood Education](#)
- [Communication Studies](#)
- [Computer Science](#)
- [Construction Noncredit](#)
- [Counseling](#)

- [Counseling Noncredit](#)
- [Drama](#)
- [Economics](#)
- [Education](#)
- [Electrical/Instrumentation Technology](#)
- [Emergency Medical Services](#)
- [Engineering](#)
- [English](#)
- [English As A Second Language \(ESL\)](#)
- [English As A Second Language Noncredit \(ESLN\)](#)
- [Ethnic Studies](#)
- [Fire Technology](#)
- [French](#)
- [History](#)
- [Humanities](#)
- [Italian](#)
- [Journalism](#)
- [Kinesiology](#)
- [Kinesiology – Intercollegiate Athletics](#)
- [Liberal Arts](#)
- [Logistics Operations Noncredit](#)
- [Management and Supervision](#)
- [Mathematics](#)
- [Mathematics Noncredit](#)
- [Music](#)
- [Nursing - Registered](#)
- [Nursing - Vocational](#)
- [Nutrition](#)
- [Philosophy](#)
- [Physical Science](#)
- [Physics](#)
- [Political Science](#)
- [Process Technology](#)
- [Psychology](#)
- [Recording Arts](#)
- [Sign Language](#)
- [Social Justice Studies](#)
- [Sociology](#)
- [Spanish](#)
- [Transfer Studies](#)
- [Travel Marketing](#)
- [UAS/Drone Operations Noncredit](#)
- [Welding](#)
- [Work Experience Education](#)

Department Listings

Program Information

For all certificates and degrees, it is recommended that you consult an [LMC counselor](#) to develop your education plan.

- [Academic and Career Success](#)
- [Administration of Justice](#)
- [Anthropology](#)
- [Art](#)
- [Astronomy](#)
- [Automotive Technology](#)
- [Biological Science](#)
- [Business](#)
- [Chemistry](#)
- [Child Development/Early Childhood Education](#)
- [Communication Studies](#)
- [Computer Science](#)
- [Construction Noncredit](#)
- [Counseling](#)
- [Counseling Noncredit](#)
- [Drama](#)
- [Economics](#)
- [Education](#)
- [Electrical/Instrumentation Technology](#)
- [Emergency Medical Services](#)
- [Engineering](#)
- [English](#)
- [English As A Second Language \(ESL\)](#)
- [English As A Second Language Noncredit \(ESLN\)](#)
- [Ethnic Studies](#)
- [Fire Technology](#)
- [French](#)
- [History](#)
- [Humanities](#)
- [Italian](#)
- [Journalism](#)
- [Kinesiology](#)
- [Kinesiology – Intercollegiate Athletics](#)
- [Liberal Arts](#)
- [Logistics Operations Noncredit](#)
- [Management and Supervision](#)
- [Mathematics](#)
- [Mathematics Noncredit](#)
- [Music](#)
- [Nursing - Registered](#)
- [Nursing - Vocational](#)
- [Nutrition](#)
- [Philosophy](#)
- [Physical Science](#)
- [Physics](#)
- [Political Science](#)

- [Process Technology](#)
- [Psychology](#)
- [Recording Arts](#)
- [Sign Language](#)
- [Social Justice Studies](#)
- [Sociology](#)
- [Spanish](#)
- [Transfer Studies](#)
- [Travel Marketing](#)
- [UAS/Drone Operations Noncredit](#)
- [Welding](#)
- [Work Experience Education](#)

Academic and Career Success

Program Information

Academic and Career Success courses are designed to help students develop knowledge, skills, and abilities to succeed within the college environment, both inside and outside of the classroom. Courses focus on the development of cognitive strategies, academic skills and behaviors, as well as contextual awareness and skills necessary for navigating the complex system of higher education.

Course Information

[ACS010 - Becoming a College Scholar-A First-Year Seminar](#)

[Back to department listing](#)

ACS-010 Becoming a College Scholar-A First-Year Seminar

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

Becoming a College Scholar - a First-Year Seminar introduces first-year students into intellectual life, prepares them for rigorous university-level work, develops multidisciplinary thinking skills, and supports them in developing a strong sense of academic purpose and identity. The course explores topics such as motivation and attitudes, values, goal setting, decision-making processes, critical and creative thinking, personal health, interpersonal communication, study group collaboration, behavioral expectations and etiquette, personality and learning theories, cultural and economic diversity, information and technology competence, as well as techniques for maximizing the ability to succeed as a lifelong learner. Students will develop thinking strategies that can be used for lifelong problem-solving in academic, social, and personal life. There is an emphasis on the development of academic writing, inquiry, and collaboration.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Advisory

[ENGL100S - Support for College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:**CSU - General Education - Breadth Requirements:**

- Area E: Lifelong Learning and Self-Development

Student Learning Outcomes:

- Academic Identity: Think critically and creatively about attitude, motivation, behavior and the impact of these on their academic performance and academic identity.
- Academic Behaviors: Demonstrate an understanding of and apply effective learning skills, academic behaviors, study and research practices, and coping strategies to support active learning and participation in college.
- Community Building: Campus and Resource Engagement: Build working relationships (with peers, faculty/staff, counselor, mentors, campus advocates) that support students' academic success.
- Community Building: Engage with the campus community through physical and technological resources.

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

Administration of Justice

Program Information

Degree(s) and/or certificates and courses listed below.

Degrees and Certificates

[Administration of Justice Associate of Science Degree for Transfer \(AS-T\)](#)

[Administration of Justice Certificate of Achievement](#)

[Basic Law Enforcement Academy-Intensive Certificate of Achievement \(COA\)](#)

[Criminal Investigations Certificate of Achievement \(COA\)](#)

[Criminal Law Certificate of Achievement \(COA\)](#)

Course Information

[ADJUS005 - Basic Law Enforcement Academy](#)

[ADJUS098 - Independent Study in Administration of Justice](#)

[ADJUS110 - Introduction to the Criminal Justice System](#)

[ADJUS120 - Concepts of Criminal Law](#)

[ADJUS122 - Criminal Trial Process](#)

[ADJUS124 - Legal Aspects of Evidence](#)

[ADJUS140 - Introduction to Criminal Investigation System](#)

[ADJUS160 - Community & the Justice System](#)
[ADJUS170 - Occupational Work Experience Education In Administration of Justice](#)
[ADJUS180 - Internship in Administration of Justice](#)
[ADJUS200 - Introduction to Corrections](#)
[ADJUS220 - Juvenile Procedures](#)

[Back to department listing](#)

Basic Law Enforcement Academy-Intensive Certificate of Achievement (COA)

Certificate of Achievement

[Print Page](#)

[Back to department listing](#)

Units:

25.0 units

Certificate of Achievement in Basic Law Enforcement Academy – Intensive is a 25-unit program designed for persons seeking fulltime employment in law enforcement and for those who have been recently hired by a local law enforcement agency. It is certified by the California Commission on Peace Officer Standards and Training (P.O.S.T.) and is presented in the intensive full-time format consisting of 1,020 hours of instruction delivered over 26 weeks. The content includes: Leadership, Officer Safety, Use of Force, Legal Authority/Individual Rights, Police Vehicle Operation, Conflict Resolution, Problem Solving/Decision-Making, Communication, Ethics, Stress Tolerance and Emotional Maturity. Upon successful completion the student will receive a POST Certificate of Completion and is eligible for employment as a peace officer in most California jurisdictions. Mandatory materials fee due on first day on instruction.

Toggle

Program Learning Outcomes

- 1: Be academically prepared to obtain an entry-level or midlevel position within the Criminal Justice System.
- 2: Apply critical thinking to research, evaluate, analyze and synthesize criminal justice information.
- 3: Demonstrate the skills and knowledge necessary to take and pass local, state, and federal law enforcement entry level examination or career advancement examinations.

- 4: Appropriately apply the hands-on and technological skills necessary to succeed in the field of criminal justice.
- 5: Demonstrate excellent communication skills (oral and/or written) that need to be demonstrated in these carried professions.
- 6: Demonstrate professional and ethical responsibility in their decisions.

Toggle

Program Requirements

Certificate of Achievement

Required Courses for Major (Total 25)

Complete all of the following

[ADJUS005 - Basic Law Enforcement Academy](#) 25

Administration of Justice Certificate of Achievement

Certificate of Achievement

[Print Page](#)

[Back to department listing](#)

Units:

18.0 units

The Administration of Justice program prepares students for entry-level positions in criminal justice and for transfer to the California State Universities. There are three components in administration of justice – law enforcement, the court system, and corrections. Law enforcement is the gateway function and includes police, sheriffs, and federal law enforcement agencies. The court system is responsible for adjudicating crimes as presented by the prosecutor. The court-room work group includes the judge, the attorneys, bailiffs, court clerks and court reporters. Corrections which comprise incarceration and community-based corrections, include custody officers, probation and parole officers, program counselors, and other rehabilitative services. The Certificate of Achievement in Administration of Justice includes the core curriculum of the Associate of Science Degree and may be completed by a full-time student in two semesters. The Administration of Justice department at LMC is redesigning its curriculum to address the current and future needs of the criminal justice and administration of justice systems. The industry is much more cognizant about offering a culturally-sensitive and socially conscious curriculum, along with excellent communication skills to address industry needs. With this in mind, the need for a holistic/ interdisciplinary approach to criminal justice curriculum was stated by our Advisory Board members, who represent organizations that desire to train and employ socially conscience administration of justice professionals. To address the different levels and types of skills required,

and to provide students with areas of specializations, a degree and several certificate options are being developed. Most federal law enforcement positions, and local and federal parole and probation officer positions, and many positions in the courts require a bachelor's degree and even graduate degrees (the judiciary, attorneys). Our AS-T program allows our students ease of transfer to the California State University Criminal Justice Baccalaureate programs.

Toggle

Program Learning Outcomes

- 1. Cite and apply the process of substantive and procedural law.
- 2. Analyze and critique the historical developments of the criminal justice system.
- 3. Write accurate written reports and demonstrate culturally-sensitive communication skills.
- 4. Demonstrate a commitment to community diversity through ethical service, law enforcement and order maintenance.
- 5. Prepare students to take and successfully pass entry-level industry examinations.

Toggle

Program Requirements

Certificate of Achievement

Required Courses (Total 18)

Complete all of the following

[ADJUS110 - Introduction to the Criminal Justice System](#) 3

[ADJUS120 - Concepts of Criminal Law](#) 3

[ADJUS122 - Criminal Trial Process](#) 3

[ADJUS140 - Introduction to Criminal Investigation System](#) 3

[ADJUS160 - Community & the Justice System](#) 3

[ADJUS220 - Juvenile Procedures](#) 3

Criminal Investigations Certificate of Achievement (COA)

Certificate of Achievement

[Print Page](#)

[Back to department listing](#)

Units:

15.0 units

The Administration of Justice program prepares students for entry-level positions in criminal justice and for transfer to the California State Universities. There are three components in administration of justice – law enforcement, the court system, and corrections. Law enforcement is the gateway function and includes police, sheriffs, and federal law enforcement agencies. The court system is responsible for adjudicating crimes as presented by the prosecutor. The court-room work group includes the judge, the attorneys, bailiffs, court clerks and court reporters. Corrections which comprise incarceration and community-based corrections, include custody officers, probation and parole officers, program counselors, and other rehabilitative services. The Administration of Justice department at Los Medanos College offers an Associate of Science for Transfer Degree which can be completed in 2 to 3 years by a full-time student. The Certificate of Achievement in Administration of Justice includes the core curriculum of the Associate of Science Degree and may be completed by a full-time student in two semesters. The Certificates of Achievement in Criminal Investigations and in Criminal Law may be completed in two semesters each by a full-time student.

Toggle

Program Learning Outcomes

- 1. Identify and protect a crime scene, label and process all evidence.
- 2. Write an accurate report based on evidentiary findings.
- 3. Properly follow the chain of custody for evidence.
- 4. Accurately testify findings in court.
- 5. Prepare students to take and successfully pass entry-level industry examinations.

Toggle

Program Requirements

Certificate of Achievement

Required Courses for the Major (Total 15)**Complete all of the following**

[ADJUS110 - Introduction to the Criminal Justice System](#) 3

[ADJUS120 - Concepts of Criminal Law](#) 3

[ADJUS124 - Legal Aspects of Evidence](#) 3

[ADJUS140 - Introduction to Criminal Investigation System](#) 3

[ART072 - Introduction to Digital Photography](#) 3

Administration of Justice Associate of Science Degree for Transfer (AS-T)

A.S. Degree for Transfer

[Print Page](#)

[Back to department listing](#)

Units:

60 units

The Administration of Justice program prepares students for entry-level positions in criminal justice and for transfer to the California State Universities. There are three components in administration of justice – law enforcement, the court system, and corrections. Law enforcement is the gateway function and includes police, sheriffs, and federal law enforcement agencies. The court system is responsible for adjudicating crimes as presented by the prosecutor. The court-room work group includes the judge, the attorneys, bailiffs, court clerks and court reporters. Corrections which comprise incarceration and community-based corrections, include custody officers, probation and parole officers, program counselors, and other rehabilitative services. The Administration of Justice department at Los Medanos College offers an Associate in Science in Administration of Justice for Transfer which can be completed in 2 to 3 years by a full-time student. The Associate in Science in Administration of Justice for Transfer requires: 1. Completion of 60 semester units or 90 quarter units of degree-applicable courses, 2. Minimum overall grade point average of 2.0, 3. Minimum grade of “C” (or “P”) for each course in the major, and 4. Completion of IGETC and/or CSU GE-Breadth Certain ADTs are based on completion of IGETC for STEM or CSU GE-Breadth for STEM. Students choosing to transfer are strongly encouraged to see an LMC Counselor since four year college requirements vary widely and are subject to change.

Toggle

Program Learning Outcomes

- 1. Cite and apply the process of substantive and procedural law.
- 2. Analyze and critique the historical developments of the criminal justice system.
- 3. Write accurate written reports and demonstrate culturally-sensitive communication skills.
- 4. Demonstrate a commitment to community diversity through ethical service, law enforcement, and order maintenance.
- 5. Prepare students to take and successfully pass entry-level industry examinations.

Toggle

Program Requirements

A.S. Degree for Transfer

Required Courses

Required Courses for Major (Total 18 - 19)

Complete all of the following

Required Courses for Major (Total 6)

Complete all of the following

[ADJUS110 - Introduction to the Criminal Justice System](#) 3

[ADJUS120 - Concepts of Criminal Law](#) 3

Required Courses for Major (Total 6)

Complete the following number of credits: 6

[ADJUS122 - Criminal Trial Process](#) 3

[ADJUS124 - Legal Aspects of Evidence](#) 3

[ADJUS140 - Introduction to Criminal Investigation System](#) 3

[ADJUS160 - Community & the Justice System](#) 3

[ADJUS200 - Introduction to Corrections](#) 3

[ADJUS220 - Juvenile Procedures](#) 3

Required Courses for Major (Total 6 - 7)

Complete the following number of credits: 6-7

[MATH110 - Introduction to Statistics](#) 4

[PSYCH011 - General Psychology](#) 3

[SOCIO015 - Introduction to Sociology](#) 3

Criminal Law Certificate of Achievement (COA)

Certificate of Achievement

[Print Page](#)

[Back to department listing](#)

Units:

15.0 units

The Administration of Justice program prepares students for entry-level positions in criminal justice and for transfer to the California State Universities. There are three components in administration of justice – law enforcement, the court system, and corrections. Law enforcement is the gateway function and includes police, sheriffs, and federal law enforcement agencies. The court system is responsible for adjudicating crimes as presented by the prosecutor. The court-room work group includes the judge, the attorneys, bailiffs, court clerks and court reporters. Corrections which comprise incarceration and community-based corrections, include custody officers, probation and parole officers, program counselors, and other rehabilitative services. The Administration of Justice

department at Los Medanos College offers an Associate of Science for Transfer Degree which can be completed in 2 to 3 years by a full-time student. The Certificate of Achievement in Administration of Justice includes the core curriculum of the Associate of Science Degree and may be completed by a full-time student in two semesters. The Certificates of Achievement in Criminal Investigations and in Criminal Law may be completed in two semesters each by a full-time student.

Toggle

Program Learning Outcomes

- 1. Systematically research, cite, compare and contrast previous cases to current case
- 2. Demonstrate culturally-sensitive communication skills in interviewing witnesses and interrogating suspects
- 3. Communicate findings through accurate written reports
- 4. Prepare students to take and successfully pass entry-level industry examinations

Toggle

Program Requirements

Certificate of Achievement

Required Courses in Major (Total 15)

Complete all of the following

[ADJUS110 - Introduction to the Criminal Justice System](#) 3

[ADJUS120 - Concepts of Criminal Law](#) 3

[ADJUS122 - Criminal Trial Process](#) 3

[ADJUS160 - Community & the Justice System](#) 3

[ADJUS220 - Juvenile Procedures](#) 3

ADJUS-005 Basic Law Enforcement Academy

Units: 25.0

[Print Page](#)

[Back to department listing](#)

Description:

The Basic Law Enforcement Academy is a 25-unit course designed for persons seeking full-time employment in law enforcement and for those who have been recently hired by a local law enforcement agency. It is certified by the California Commission on Peace Officer Standards and

Training (P.O.S.T.) and is presented in the intensive full-time format consisting of 1,020 hours of instruction delivered over 26 weeks. Subject matter includes: Leadership, Officer Safety, Use of Force, Legal Authority/Individual Rights, Police Vehicle Operation, Conflict Resolution, Problem Solving/Decision-Making, Communication, Ethics, Stress Tolerance and Emotional Maturity, Upon successful completion the student will receive a Certificate of Completion and is eligible for employment as a peace officer in most California jurisdictions. Interested students must contact the Office of the Sheriff, Contra Costa County, Law Enforcement Training Center, 340 Marina Blvd., Pittsburg, CA by calling (925) 427-8238 to register for the Academy.

Requisites:

Prerequisite

Please see attached Prerequisite Form for details. **Prerequisite**

Students are required to: 1) complete an academy application, 2) have a high school diploma or GED, 3) be at least 18 years old, 4), have a valid driver's license, 5) show proof of vehicle insurance at the first class meeting, 6) supply a statement from a physician indicating his/her ability to engage in strenuous physical activity, 7) obtain clearance with the Department of Justice and, 8) sign a Felony Disclaimer.

Advisory

[ENGL100 - College Composition](#)

Course Note:

Mandatory materials fee due on first day on instruction.

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1: Understand and interpret the roles and responsibilities of the law enforcement officer. (PLSO 1, 2)
- 2. Apply California laws, codes and ordinances to civil and criminal scenarios and circumstances. (PSLO 1, 2, 3)
- 3: Utilize procedures employing the skills, knowledge, and abilities required in routine and emergency law enforcement operations. (PLSO 3, 4, 5, 6)

- 4: Use law enforcement tools and equipment necessary to meet the requirements of the California Commission on Peace Officer Standards and Training safely and efficiently. (PLSO 3, 4, 5, 6)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours**Minimum Credit Units**

25.0

Maximum Credit Units

25.0

Total Course In-Class (Contact) Hours

1020.0

Course in class (contact) hours

Lecture Hours

162.0

Lab Hours

858.0

Activity Hours

0.0

ADJUS-098 Independent Study in Administration of Justice

Units: 0.5-3.0

[Print Page](#)

[Back to department listing](#)

Description:

Provides students an opportunity to design and pursue their own interests within a particular area. Projects reflecting cultural diversity and/or societal issues will be greatly encouraged. A contract must be drawn between the student and the instructor stipulating the goals of the independent study, the content, the method of approach, the estimated time involved, and the periodic evaluation to be used. Minimum 1 hour per week with instructor plus 54 hours of contracted work for each unit of credit. May not be repeated.

Requisites:

None

Course Note:

Entrance Skills Course Note Rationale Submission of acceptable educational contract to department and Instruction Office is required.

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- Meet outcomes as specified in the approved Application for Independent Study.
- Gain knowledge and skill through the successful completion of an independent study course.
- Demonstrate and/or apply independent academic learning skills.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

0.5

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

162.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

162.0

Activity Hours

0.0

ADJUS-110 Introduction to the Criminal Justice System

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course introduces students to the characteristics of the criminal justice system in the United States. Focus is placed on examining the integrated, interdisciplinary methods of crime measurement, theoretical explanations of crime, responses to crime, components of the system, and current challenges to the justice system and the evolving forces that have shaped those principals and approaches. Although justice structure and process is examined in a cross cultural context, emphasis is placed on the United States justice system, particularly the structure and function on United States police, courts, and corrections. Students are introduced to the origins and development of criminal law, legal process, and sentencing and incarceration policies.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:**CSU - General Education - Breadth Requirements:**

- Area D: Social Sciences

LMC Standard AA/AS - General Education Requirements:

- B. Social & Behavioral Sciences

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 4H: Political Science, Government and Legal Institutions
- Area 4J: Sociology and Criminology

C-ID:

- Administration of Justice

Comparable course: AJ 110

Student Learning Outcomes:

- 1. Demonstrate an understanding of criminological theories used to explain crime and criminality. (PSLO # 1, 2, & 3. GESLO # 1, 2, 3, 4, & 5)
- 2. Explain the methods, theories, and concepts associated with the sources of crime data, the emerging patterns of criminal activity, and the cost of crime. (PSLO #1, 2, & 3. GESLO # 1, 2, 4, & 5)
- 3. Understand the history, development, structure, and function of the police, courts, and corrections. (PSLO # 1 & 2. GESLO # 1, 4, & 5)
- 4. Identify and describe special issues in the criminal justice system involving juvenile delinquency, drugs, and the future development of the system. (PSLO # 1, 2, & 3. GESLO # 1, 2, 3, 4, & 5)
- 5. Utilizing conclusions based on research and the relevant theories from the fields of criminology, psychology, sociology, and victimology, the student will think critically and creatively about the intellectual, political, ethical and social issues of an effective criminal justice system while also addressing the implications of dealing with a hugely diverse culture. (PSLO # 1, 2, & 3. GESLO # 1, 2, 3, 4, & 5)

- 6. Explain the definitions of crime. (PSLO # 1, 2, & 3. GESLO # 1, 4, & 5)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

ADJUS-120 Concepts of Criminal Law

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is an in-depth study of the concepts, historical development, and philosophy of criminal law and the substantive criminal law commonly enforced in California. It includes a detailed examination of legal definitions, classifications of crimes, corpus delicti, parties to a crime, defenses to crime, and a brief introduction to laws of arrest and judicial procedure. Students will be required to research legal briefs/decisions.

Requisites:

Prerequisite

[ADJUS110 - Introduction to Criminal Justice System](#)

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

C-ID:

- Administration of Justice

Comparable course: AJ 120

Student Learning Outcomes:

- 1. List and apply essential elements of constitutional and substantive laws in the identification of the elements of the course. (GESLO 1-5)
- 2. Explain and apply the objectives of California criminal law to violations. (GESLO 1-6)
- 3. Identify and distinguish which law violation that has been committed, and specify what evidence would be necessary to prove the charge for a criminal situation. (GESLO 1-6)
- 4. Summarize the history of American substantive criminal law. (GESLO 2 & 5)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

ADJUS-122 Criminal Trial Process

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course provides an examination and analysis of due process in criminal proceedings from pre-arrest through trial and appeal utilizing statutory law and state and constitutional precedents.

Requisites:

Prerequisite

[ADJUS110 - Introduction to Criminal Justice System](#)

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:**C-ID:**

- Administration of Justice

Comparable course: AJ 122

Student Learning Outcomes:

- 1. Identify and describe the stages in the trial process. (PSLO #1, 2, & 3)
- 2. Identify and critically analyze the concepts of due process as found in the 6th, 8th, and 14th, amendment, including the right to counsel, bail, jury trial, and due process. (PSLO #1, 2, & 3)
- 3. Describe the history and application of the exclusionary rule in shaping criminal procedure. (PSLO #'s 1, 2, & 3)
- 4. Describe the application of the right to counsel in a criminal case. (PSLO #1, 2, & 3)
- 5. Describe the application of the right to a jury trial. (PSLO #1, 2, & 3)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

ADJUS-124 Legal Aspects of Evidence

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course covers the origin, development, philosophy and the legal basis for California rules of evidence; the presentation of evidence; judicial decisions, and the statutory rules of evidence governing the admissibility of testimony, writings, and material objects at a criminal trial; constitutional and procedural considerations affecting searches and seizures, and admissions and confessions.

Requisites:

Prerequisite

[ADJUS110 - Introduction to Criminal Justice System](#)

Advisory

ENGL100 - College Composition

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:**C-ID:**

- Administration of Justice

Comparable course: AJ 124

Student Learning Outcomes:

- 1. Identify admissible courtroom evidence. (PSLO #s 2, 3, 5 & 6)
- 2. Research and analyze judicial decisions and statutory rules of evidence. (PSLO # 1, 2, 3, 5 & 6)
- 3. Apply constitutional and procedural considerations affecting law enforcement search and seizure. (PSLO #1, 2, 3, 5, & 6)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

ADJUS-140 Introduction to Criminal Investigation System

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course addresses the techniques, procedures, and ethical issues in the investigation of crime, including organization of the investigative process, crime scene searches, interviewing and interrogating, surveillance, source of information, utility of evidence, scientific analysis of evidence and the role of the investigator in the trial process.

Requisites:

Prerequisite

[ADJUS110 - Introduction to Criminal Justice System](#)

Advisory

[ENGL100 - College Composition](#)

Advisory

[ART072 - Introduction to Digital Photography](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:**C-ID:**

- Administration of Justice

Comparable course: AJ 140

Student Learning Outcomes:

- 1. Comprehend the theories and the evolution in crime scene investigations development. (PSLO #S 1 & 2)
- 2. Demonstrate accurate investigative strategies by interpretation of the crime scene. (PSLO #S 1 & 2)
- 3. Prepare accurate documentation of the forensic procedures and techniques used to collect evidence. (PSLO #S 1 & 2)
- 4. Use clear and concise verbal skills for court presentation regarding evidence collection techniques and reconstructive theories. (PSLO #3)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

ADJUS-160 Community & the Justice System

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is a theoretical and conceptual overview of multicultural concepts and issues, including those relating to culture, racial, gender, age, and sexual orientation and how their applications are put into place in criminal justice disciplines (law enforcement, the court system, and corrections). The identification of problems related to our increasingly diverse population will be examined and strategies analyzed to overcome those problems particularly related to the maintenance of social order. Conflict resolution and problem solving techniques are applied. Criminal justice agency hiring practices are defined and examined.

Requisites:**Advisory**

[ADJUS110 - Introduction to Criminal Justice System](#)

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

LMC Standard AA/AS - General Education Requirements:

- B. Social & Behavioral Sciences
- E. Ethnic/Multicultural Studies

CSU - General Education - Breadth Requirements:

- Area D: Social Sciences

C-ID:

- Administration of Justice

Comparable course: AJ 160

Student Learning Outcomes:

- 1. Read critically and communicate effectively as a writer and speaker regarding multicultural issues involving ethnicity, culture, age and sexual orientation in the context of the components of the criminal justice system (law enforcement, the court system, and corrections) (PSLO #S 1, 2 & 3) (GESLO 1 & 5)
- 2. Utilize relevant social science theories to resolve conflict and develop crime suppression methods that incorporate cultural awareness of specific ethnic populations (PSLO #S 1 & 3) (GESLO 2, 3 & 5)
- 3. Analyze social behaviors and respond in an ethical manner when making decisions and taking criminal justice actions. (PSLO #S 1, 2 & 3) (GESLO 3 & 4)
- 4. Examine and assess the impact of discrimination and disparity in the administration of justice. (PSLO #S 1 & 3) (GESLO 5)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

ADJUS-170 Occupational Work Experience Education In Administration of Justice

Units: 1.0-4.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is for students whose work is related to their major. Occupational Work Experience Education provides students with opportunities to develop marketable skills in preparation for employment or advancement within their current job. To participate in cooperative work experience education, students must be employed and undertake new or expanded responsibilities. Students, with faculty and employer approval, will develop and successfully complete one learning objective for each unit of credit in which they enroll. Additionally, students must work 75 paid hours or 60 non-paid hours for each unit of credit earned. Students may earn a maximum of 16 units of occupational work experience during community college attendance which may be applied as electives toward graduation.

Requisites:

None

Course Note:

Work Experience Education Requirements

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

Section 55253. College Credit and Repetition The amendment to Title 5 created an exception to the general rule for repetition of activity courses to allow students to take the full number of units of cooperative work experience, which would otherwise be allowed. (b) If a college offers only in occupational work experience in a given field and that course is not offered as a variable unit open entry/open-exit course, the district policy on course repetition adopted pursuant to section 55040 may permit a student to repeat that course any number of times so long as the student does not exceed the limits on the number of units of cooperative work experience education set forth in subdivision (a). Consistent with section 58161, attendance of a student repeating a cooperative work experience course pursuant to this subdivision may be claimed for state apportionment.

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Apply professionalism and work ethic skills including personal accountability, work habits, punctuality, working productively with others, and managing time and work load.
- CSLO 2: Work in collaborative relationships with colleagues and customers and be able to work with diverse teams, negotiate, and manage conflicts.
- CSLO 3: Apply critical thinking and problem solving skills by using sound reasoning and analytical thinking as well as using knowledge, facts, and data to solve workplace problems.
- CSLO 4: Communicate thoughts and ideas clearly and effectively using public speaking skills and the ability to write clearly and effectively
- CSLO 5: Utilize, under direct supervision, knowledge, skills and abilities acquired during prior or concurrent college course work directly related to workplace responsibilities by applying appropriate Course-Level Student Learning Outcomes from a college course to the student's place of employment.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

1.0

Maximum Credit Units

4.0

Total Course In-Class (Contact) Hours

300.06

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

300.0

Activity Hours

0.0

ADJUS-180 Internship in Administration of Justice

Units: 1.0-4.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is for students who have declared a major, have taken classes in the major, and are ready for on-the-job experience in a paid or unpaid position. An internship involves working in a skilled or professional level assignment in the area of a student's vocational or academic major or field of interest. Students, with faculty and employer approval, will apply college-acquired knowledge, skills and abilities as well as acquire new learning to prepare for a career in their chosen field. Students

must work 75 paid hours or 60 non-paid hours for each unit of credit earned. Students may earn a maximum of 16 units of occupational work experience internship during community college attendance which may be applied as electives toward graduation. 12units are transferable to CSU.

Requisites:

None

Course Note:

Work Experience Education Requirements

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

Section 55253. College Credit and Repetition The amendment to Title 5 created an exception to the general rule for repetition of activity courses to allow students to take the full number of units of cooperative work experience, which would otherwise be allowed. (b) If a college offers only one course in occupational work experience in a given field and that course is not offered as a variable unit open entry/open-exit course, the district policy on course repetition adopted pursuant to section 55040 may permit a student to repeat that course any number of times so long as the student does not exceed the limits on the number of units of cooperative work experience education set forth in subdivision (a). Consistent with section 58161, attendance of a student repeating a cooperative work experience course pursuant to this subdivision may be claimed for state apportionment.

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Apply professionalism and work ethic skills including personal accountability, work habits, punctuality, working productively with others, and managing time and work load.
- CSLO 2: Work in collaborative relationships with colleagues and customers and be able to work with diverse teams, negotiate, and manage conflicts.
- CSLO 3: Apply critical thinking and problem solving skills by using sound reasoning and analytical thinking as well as using knowledge, facts, and data to solve workplace problems.
- CSLO 4: Communicate thoughts and ideas clearly and effectively using public speaking skills and the ability to write clearly and effectively.
- CSLO 5: Utilize, under direct supervision, knowledge, skills and abilities acquired during prior or concurrent college course work directly related to work place responsibilities by

applying appropriate Course-Level Student Learning Outcomes from a college course to the internship.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

1.0

Maximum Credit Units

4.0

Total Course In-Class (Contact) Hours

300.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

300.0

Activity Hours

0.0

ADJUS-200 Introduction to Corrections

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course explores criminal behavior, the historical development, current concepts and practices, functions, and objectives of the criminal justice system. The focus is on the institutions, probation and parole processes as they modify the offender's behavior. It also covers professional career opportunities in public and private agencies.

Requisites:

Prerequisite

[ADJUS110 - Introduction to Criminal Justice System](#)

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

C-ID:

- Administration of Justice

Comparable course: AJ 200

Student Learning Outcomes:

- 1. Describe the evolution of corrections system in the United States. (PSLO 1, 5; GESLO 1, 3, 4)
- 2. Compare and contrast parole and probation. (PSLO 1, 2, 5; GESLO 1, 2, 3, 4)
- 3. Explain the legal issues, liabilities and civil obligations that relate to offenders and corrections personnel. (PSLO 1, 2, 5; GESLO 1, 2, 3, 4)
- 4. Explain the purposes, applications and types of intermediate sanctions. (PSLO 1, 2, 5; GESLO 1, 2, 3, 4)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

ADJUS-220 Juvenile Procedures

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course will explain the philosophy of the legal and procedural handling of juvenile offenders and victims; prevention and repression of delinquency; diagnosis and referral; and the organization of community services. The specifics of juvenile law and procedures will be covered in depth.

Requisites:

Advisory

[ADJUS110 - Introduction to the Criminal Justice System](#)

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:**CSU - General Education - Breadth Requirements:**

- Area D: Social Sciences

C-ID:

- Administration of Justice

Comparable course: AJ 220

LMC Local AA/AS - General Education Requirements:

- B. Social & Behavioral Sciences

Student Learning Outcomes:

- 1. Describe and explain the essential elements of juvenile law. (PSLO #'s 1 & 3)
- 2. Apply the correct criminal procedures that pertain to juveniles in the criminal justice system. (PSLO #'s 2, 3, 4, & 6)
- 3. Describe and explain the role of referral agencies including probation, police, placement services and courts when dealing with juveniles. (PSLO #'s 1, 2, 3, & 6)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

Anthropology

Program Information

Degree(s) and/or certificates and courses listed below.

Degrees and Certificates

[Anthropology Associate of Arts Degree for Transfer \(AA-T\)](#)

Course Information

[ANTHR001 - Biological Anthropology](#)

[ANTHR004 - Introduction to Archaeology](#)

[ANTHR005 - General Anthropology](#)

[ANTHR006 - Cultural Anthropology](#)

[ANTHR007 - Culture Change and Globalization](#)

[ANTHR008 - Introduction to Anthropological Linguistics](#)

Anthropology Associate of Arts Degree for Transfer (AA-T)

A.A. Degree for Transfer

[Print Page](#)

[Back to department listing](#)

Units:

60 units

The Associate in Arts in Anthropology for Transfer degree at Los Medanos College will provide students with an introduction to the fields of anthropology. Anthropology is the study of the human species throughout time; focusing on our diverse modern culture and cultural adaptations, our biological classifications as a species and our inclusion in the Order Primates, and our species' past developments, including our historical steps to our first civilizations. The goal of Anthropology is to study the similarities and differences in biological and cultural adaptations and features across the globe throughout our human history. Anthropology is a holistic discipline, which means that anthropologists study all aspects of humans and our behavior. The field of Anthropology has been broken up into five main sub-fields: Cultural Anthropology, Physical Anthropology, Archaeology, Linguistics, and Applied anthropology. Cultural Anthropology is concerned with the study of human culture and its variations across time and space. Physical Anthropologists aim to study our species from a biological perspective- examining our DNA, relationship to our closest animal relatives, the primates, and the fossil evidence of our earliest human ancestors. Archaeology is the study of our past, focused specifically on reconstructing past behavior by looking at objects used by past people. Linguistic Anthropologists study human language and communication. Applied anthropology aims to solve global social problems affecting the world. The Associate in Arts in Anthropology for Transfer degree is designed to meet the needs of a broad spectrum of students. In addition to providing valuable multicultural understanding and cultural literacy life skills, career opportunities for students include jobs in international development/assistance(nonprofit and government), education, museums, international business, zoos, human services, health care, social services occupations and other related fields. The associate degree in Anthropology provides preparation for transfer to Anthropology programs at four-year institutions. To earn the Associate Degree for Transfer: 1. Completion of 60 semester units or 90 quarter units of degree-applicable courses, 2. Minimum overall grade point average of 2.0, 3. Minimum grade of "C" (or "P") for each course in the major, and 4. Completion of IGETC and/or CSU GE-Breadth Certain ADTs are based on completion of IGETC for STEM or CSU GE-Breadth for STEM.

Toggle

Program Learning Outcomes

- 1. Utilize critical thinking skills to analyze, evaluate and make decisions regarding current issues in anthropology.

- 2. Recognize the complexity of social, cultural, and global diversity in anthropology.
- 3. Demonstrate understanding of the major theoretical perspectives, concepts, and research findings in the field of anthropology.
- 4. Demonstrate an understanding of biological and cultural developments underlying behavior and the human experience.
- 5. Demonstrate the knowledge of the social and ethical implications and outcomes of gathering data, while doing fieldwork, participant-observation, and research.

Toggle

Program Requirements

A.A. Degree for Transfer
Required Courses

Required Courses in Major (Total 18 - 19)

Complete all of the following

Required Courses in Major (Total 9)

Complete the following number of credits: 9

[ANTHR001 - Biological Anthropology](#) 3

[ANTHR004 - Introduction to Archaeology](#) 3

[ANTHR006 - Cultural Anthropology](#) 3

List A- Select One Course (Total 3 - 4)

Complete the following number of credits: 3-4

[ANTHR008 - Introduction to Anthropological Linguistics](#) 3

[MATH110 - Introduction to Statistics](#) 4

List B- Select One to Two Courses (Total 3)

Complete the following number of credits: 3

[PSYCH017 - Introduction to Research Methods in Psychology](#) 3

[SOCIO017 - Introduction to Research Methods](#) 3

List C- Select One Course or One Course from List A or List B Not Already Used (Total 3)

Complete the following number of credits: 3

[ANTHR007 - Culture Change and Globalization](#) 3

[HIST047 - History of Native Americans](#) 3

[SOCIO015 - Introduction to Sociology](#) 3

[SPCH150 - Intercultural Communication](#) 3

ANTHR-007 Culture Change and Globalization

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course focuses on the tremendous impact of culture change experienced worldwide both in industrialized and non-industrialized societies. The content deals with the processes of change, problems which arise due to change and controversial issues such as deculturation and assimilation. Students will have the opportunity to understand and approach change from a psychological, social, economic, political, and environmental perspective.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

CSU - General Education - Breadth Requirements:

- Area D: Social Sciences
- Area E: Lifelong Learning and Self-Development

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 4A: Anthropology and Archaeology

LMC Local AA/AS - General Education Requirements:

- SB: Social and Behavioral Sciences

Student Learning Outcomes:

- CSLO 1: Read critically and communicate effectively as writers and speakers about the process of change physiologically, culturally, economically, politically, and institutionally both locally and globally. (PSLO 1, 2, 4) (GESLO 1, 3, 5)
- CSLO 2: Explain and analyze the current perspectives in the anthropology of culture change and demonstrate an anthropological. multidisciplinary and cross-disciplinary approach to problem-solving by synthesizing behavioral science perspectives including anthropology, psychology, sociology, history, political science, and economy. (PSLO 1, 4) (GESLO 1, 2 ,3)
- CSLO 3: Critically analyze and speak effectively about the various theoretical approaches including World Systems Dependency, Marxist anthropology, diffusion, assimilation, acculturation, neo-evolutionism, and cultural ecology utilized during research of culture change and how these different theoretical approaches can change the outcome of your research and interpretation of it. (PSLO 3, 5)(GESLO 1, 3)
- CSLO 4: Critically and creatively analyze the global impact of industrialization and commercialization of particular indigenous societies who have undergone dramatic changes in family structure, class, power, identity, stratification, gender, hegemony, and describe how anthropology can be utilized to understand, describe, and explain the global social problems that are introduced to these cultures. (PSLO 2, 3, 4) (GESLO 1,3,5)
- CSLO 5: Use the anthropological Code of Ethics to analyze the social, ethical implications and outcomes of gathering data while doing fieldwork and participant-observation during the midst of culture change. (PSLO 1, 5) (GESLO 1,3,4)

Grade Options:

- Pass/No Pass
- Letter Grade methods

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

ANTHR-001 Biological Anthropology

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

Anthropology is a holistic discipline and attempts to view humans, their biology, cultural history, and activities in as broad a view as possible. Biological anthropology is a subfield of the larger discipline that studies humankind. The primary goal of this subfield is to understand the biological nature and history of humans and their closest living and extinct relatives. Biological anthropology is firmly rooted in evolutionary theory; thus, the evolutionary biology of humans is the central focus of this course. My intent is to promote insight into the evolution of human biology and behavior from an objective or scientific perspective. My approach will introduce the concepts, methods of inquiry, and scientific explanations for biological evolution, and their applications to studying the human species. . Topics addressed will include: 1) The various subfields of biological anthropology such as forensic anthropology and the anthropological perspective 2) biological anthropology and paleoanthropology as “multidisciplinary” natural sciences 3) evolutionary processes/change over time and the origin of species 4) DNA, genetics, heredity, variation, and evolution, 5) race, ethnicity, and the biological diversity of modern humans 6) The Order Primates: primate biology and ecology 7) primate social behavior, behavioral ecology, morphology, and classification 8) Earth-life history, continental drift, and the Geologic Time Scale (9) primate origins and the various primate adaptations 10) The “Ape” question and hominin origins 11) Australopithecines 12) the evolution and adaptation of the genus HOMO 13) The origin and dispersal of anatomically modern Homo Sapiens out of Africa and the first evidence of the “Human Spark” 14) Main contributors to explain principles of Mendelian, molecular and population genetics 14) Dating techniques, methods of interpreting the fossil record, major groups of hominin fossils. The ultimate goal in this course is to understand humanity’s place in nature.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:**CSU - General Education - Breadth Requirements:**

- Area B2: Life Science

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 5B: Biological Science

LMC Standard AA/AS - General Education Requirements:

- SB: Social and Behavioral Sciences

C-ID:

- Anthropology

Comparable course: ANTH 110

Student Learning Outcomes:

- CSLO 1: Read critically and communicate effectively as writers and speakers on biological anthropology with an emphasis on human evolution, the main contributors to evolutionary theory including Mendelian approaches and primate development. (PSLO 1, 3, 4) (GESLO 1, 3, 5)
- CSLO 2: Analyze and explain the current perspectives in the various subfields of biological anthropology and demonstrate an anthropological and multidisciplinary approach to problem-solving by synthesizing paleoanthropology, osteology, paleopathology, bioarchaeology, primatology, human biology, and forensic anthropology. (PSLO 1, 2) (GESLO 1, 2, 3, 4)
- CSLO 3: Analyze the role of research methodologies in biological anthropology and data-gathering in building anthropological knowledge and how different methods can change the outcome of your research and the interpretation of it. (PSLO 1, 3, 4, 5) (GESLO 1, 3, 4)
- CSLO 4: Critically and creatively evaluate and analyze race, ethnicity, and biological diversity of modern humans. (PSLO 2, 3) (GESLO 1, 3, 5)
- CSLO 5: Critically analyze the social and ethical implications when doing biological anthropology, forensic anthropology, bioarchaeology, paleoanthropology, participant-observation, and archaeological gathering techniques. (PSLO 1, 2, 5) (GESLO 1, 3, 4)

Grade Options:

- Letter Grade methods

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

ANTHR-004 Introduction to Archaeology

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is an introduction to the fundamental principles of method and theory in archaeology, beginning with the goals of archaeology, going on to consider the basic concepts of culture, time, and space, and discussing the findings and excavation of archaeological sites. Students will analyze the basic methods and theoretical approaches used by archaeologist to reconstruct the past and understand human prehistory. This includes human origins, the peoples of the globe, the origins of agriculture, ancient civilizations including the Maya civilization, Classical and Historical archaeological, and finally the relevance of archaeology today. The course includes an analysis of the nature of scientific inquiry; the history and interdisciplinary nature of archaeological research; dating techniques, methods of survey, excavation, analysis, and interpretation; cultural resource management, professional ethics; and cultural change and sequences. The inclusion of the

interdisciplinary approach utilized in this field will provide students with the most up to date interpretation of human origins, the reconstruction of human behavior, and the emergence of cultural, identity, and human existence.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

CSU - General Education - Breadth Requirements:

- Area D: Social Sciences

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 4A: Anthropology and Archaeology

LMC Standard AA/AS - General Education Requirements:

- B. Social & Behavioral Sciences

C-ID:

- Anthropology

Comparable course: ANTH 150

Student Learning Outcomes:

- CSLO 1: Read critically and communicate effectively as writers and speakers on the field of archaeology with an emphasis on evidence, fossil analysis, site analysis, reconstruction, archaeological interpretation, culture resource, and different types of archaeological data which includes, application to studying various archaeological sites. (PSLO1, 2, 3) (GESLO 1, 3, 5)

- CSLO 2: Explain the current theoretical perspectives in anthropological archaeological and demonstrate an archaeological and multidisciplinary approach to understanding the past by synthesizing scientific inquiry with perspectives including anthropological archaeology, sociology, history, geology, and other disciplines. (PSLO 1, 2, 3) (GESLO 1, 2, 3)
- CSLO 3: Analyze the role of research and excavation methods and dating techniques in building archaeological knowledge and how different methods can be effective to the outcome of research and the interpretation of it. (PSLO 1, 3, 5) (GESLO1, 3)
- CSLO 4: Demonstrate an understanding of the nature of scientific inquiry and its application to archaeological research. (PSLO 1, 3,) (GESLO 1, 3)
- CSLO 5: Discuss and analyze the archaeological ethics of gathering archaeological data while doing excavation. (PSLO 1, 5) (GESLO 1, 3, 4)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

ANTHR-008 Introduction to Anthropological Linguistics

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This introductory course serves as a foundation for understanding language from an anthropological perspective. The course addresses such core questions as how, what, when, where, why and with whom we communicate. This course surveys such core areas in linguistics--structural linguistics: phonetics, phonology, morphology and syntax, as well as the bio-cultural basis of language; historical linguistics: origins and evolution/change, dialects, and language families; and sociocultural linguistics: language acquisition in cultural context, and it emphasizes the relationship between language and culture, and issues of language conservation and loss.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

CSU - General Education - Breadth Requirements:

- Area D: Social Sciences

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 4A: Anthropology and Archaeology

C-ID:

- Anthropology

Comparable course: ANTH 130

LMC Local AA/AS - General Education Requirements:

- B. Social & Behavioral Sciences

Student Learning Outcomes:

- CSLO 1: Describe and critique the anthropological approach to the development of language and communication. (PSLO 1. 2, 3)
- CSLO 2: Analyze and exemplify how language and culture are acquired and interrelated and non-verbal communication cross-culturally. (PSLO 1. 2, 3)
- CSLO 3: Identify and analyze the structural properties of language. (PSLO 1. 2)
- CSLO 4: Describe the bio-cultural origins, development of language through time, and the contributing factors of and beliefs about languages and speakers to the societal changes over time. (PSLO 1. 2, 3)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

ANTHR-005 General Anthropology

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

An introduction and general overview of the five fields of anthropology focusing on the study of human evolution and culture. Topics center on the variety of characteristics which are the product of human existence everywhere. These include: the uniqueness of human learning, evolution of cultural and physical variation, human and non-human primate development, Australopithecus divergence, variations of cultures, human languages and communications, social and family organizations, as well as religious and artistic expression. Opportunities for the development of skills in critical thinking, problem-solving, and effective learning will be provided throughout the course.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

CSU - General Education - Breadth Requirements:

- Area D: Social Sciences

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 4A: Anthropology and Archaeology

LMC Standard AA/AS - General Education Requirements:

- SB: Social and Behavioral Sciences

Student Learning Outcomes:

- CSLO 1: Read critically and communicate effectively as writers and speakers on the five fields of anthropology with an emphasis on human evolution, primate development, and archaeology. (PSLO 1, 3, 4)
- CSLO 2: Analyze and explain the current perspectives in the five fields of anthropology and demonstrate an anthropological and multidisciplinary approach to problem-solving by synthesizing behavioral science perspectives including anthropology, psychology, sociology, history, biology, and political science. (PSLO 1, 3)
- CSLO 3: Analyze the role of research methodologies in the five fields of anthropology and data-gathering in building anthropological knowledge and how different methods can change the outcome of your research and the interpretation of it. (PSLO3, 4, 5)
- CSLO 4: Critically and creatively evaluate and analyze gender stratification, social stratification, political organizations and how these terms apply and relate to human variation, religion, race, ethnic identity, gender roles, power, and hegemony and describe how anthropology can be used to understand global social problems such as AIDS, homeless, famine, natural disasters, violence, and warfare. (PSLO 1, 2)
- CSLO 5: Critically analyze the social and ethical implications when doing applied anthropology (forensic and medical), participant-observation, and archaeological gathering techniques. (PSLO 5) (GESLO 3)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

ANTHR-006 Cultural Anthropology

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is an introduction to the study of cultural anthropology which focuses on a broad view of the learned aspects of human life. The course includes the observations and analysis of cultural traditions, i.e. child-rearing processes, life styles types and adaptations, social and family organizations, creative elements of human life, and basic anthropological theories and concepts. Students will be exposed to divergent cultures and to the status of today's vanishing cultures. Opportunities for the development of skills in critical thinking, problem-solving and effective learning will be provided throughout the course.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:**CSU - General Education - Breadth Requirements:**

- Area D: Social Sciences

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 4A: Anthropology and Archaeology

C-ID:

- Anthropology

Comparable course: ANTH 120

LMC Local AA/AS - General Education Requirements:

- SB: Social and Behavioral Sciences

Student Learning Outcomes:

- CSLO 1: Read critically and communicate effectively as writers and speakers on the various cultures around the world, social organizations, and various lifestyles that exist on both local and global scales. (PSLO 1, 2)
- CSLO 2: Explain the current perspectives in anthropology and demonstrate an anthropological and multidisciplinary approach to problem-solving by synthesizing behavioral science perspectives including anthropology, psychology, sociology, history, and political science. (PSLO 1, 2)
- CSLO 3: Analyze the role of research methods in building anthropological knowledge and how different methods can change the outcome of your research and the interpretation of it. (PSLO 2, 3)
- CSLO 4: Critically and creatively evaluate and analyze social inequality, class stratification, social stratification and how these terms apply and relate to race, ethnic identity, power, and hegemony and describe how anthropology can be used to understand global social problems. (PSLO 2, 3, 4)
- CSLO 5: Discuss and analyze the social and ethical implications and outcomes of gathering data while doing fieldwork and participant-observation. (PSLO 5) (GESLO 3)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours**Lecture Hours**

54.0

Lab Hours

0.0

Activity Hours

0.0

ANTHR-098 Independent Study in Anthropology

Units: 0.5-3.0

[Print Page](#)

[Back to department listing](#)

Description:

Provides students an opportunity to design and pursue their own interests within a particular area. Projects reflecting cultural diversity and/or societal issues will be greatly encouraged. A contract must be drawn between the student and the instructor stipulating the goals of the independent study, the content, the method of approach, the estimated time involved, and the periodic evaluation to be used. This course may be repeated for credit. (Minimum 1 hour per week with instructor plus 54 hours of contracted work for each unit of credit.)

Requisites:

None

Course Note:

Submission of acceptable educational contract to department and Instruction Office is required.

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- Meet outcomes as specified in the approved Application for Independent Study.
- Gain knowledge and skill through the successful completion of an independent study course.
- Demonstrate and/or apply independent academic learning skills.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

0.5

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

162.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

162.0

Activity Hours

0.0

Astronomy

Program Information

Courses listed below.

Course Information

[ASTRO010 - Introduction to Astronomy](#)

[ASTRO011 - Astronomy Laboratory](#)

[ASTRO098 - Independent Study in Astronomy](#)

[Back to department listing](#)

ASTRO-098 Independent Study in Astronomy

Units: 0.5-3.0

[Print Page](#)

[Back to department listing](#)

Description:

Provides students an opportunity to design and pursue their own interests within a particular area. Projects reflecting cultural diversity and/or societal issues will be greatly encouraged. A contract must be drawn between the student and the instructor stipulating the goals of the independent study, the content, the method of approach, the estimated time involved, and the periodic evaluation to be used. Minimum 1 hour per week with instructor plus 54 hours of contracted work for each unit of credit. May not be repeated.

Requisites:

None

Course Note:

Submission of acceptable educational contract to department and Instruction Office is required.

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- Meet outcomes as specified in the approved Application for Independent Study.
- Gain knowledge and skill through the successful completion of an independent study course.
- Demonstrate and/or apply independent academic learning skills.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

0.5

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

162.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

162.0

Activity Hours

0.0

ASTRO-011 Astronomy Laboratory

Units: 1.0

[Print Page](#)

[Back to department listing](#)

Description:

This course provides laboratory experience in astronomical observation. It involves the study of fundamental concepts of astronomy, including investigations of the moon, sun, planets and stars and offers practical experience in the use of telescopes and other tools. ASTRO-010 and ASTRO-011, if both completed, meet the CSU lab science requirement.

Requisites:

Prerequisite

[ASTRO010 - Introduction to Astronomy](#)

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

CSU - General Education - Breadth Requirements:

- Area B3: Laboratory Activity

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 5C: Laboratory

LMC Local AA/AS - General Education Requirements:

- NS: Natural Sciences

Student Learning Outcomes:

- 1. Read critically and interpret accurately astronomical information that is provided in visual or graphic form and relate the information to appropriate astronomy concepts
- 2. Write effectively with accurate descriptions and clear explanations for all parts of lab reports as well as for the written parts of lab midterms and a lab final.
- 3. Think critically to analyze data, synthesize these with astronomical techniques and principles, and evaluate alternative conclusions in lab reports as well as in lab midterms and a lab final.

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

1.0

Maximum Credit Units

1.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

54.0

Activity Hours

0.0

ASTRO-010 Introduction to Astronomy

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

A survey of current concepts of the Universe and their historical evolution. Emphasis is placed on the process of scientific inquiry by which current scientific understanding has been achieved, on the aesthetics of science, and on the limitations and implications of scientific knowledge. The material is presented throughout with the aid of the planetarium for Pittsburg sections. Interdisciplinary connections, ethical implications, and multicultural perspectives are infused throughout the course.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

CSU - General Education - Breadth Requirements:

- Area B1: Physical Science

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 5A: Physical Science

LMC Standard AA/AS - General Education Requirements:

- NS: Natural Sciences

Student Learning Outcomes:

- CSLO 1: Read critically and analyze a section of the textbook or an outside article in order to relate the reading to the fundamental concepts of astronomy. The student will be able to identify the central question at the heart of the reading, explain the reading's concepts with original analogies and examples, and point out new questions that the reading raises. The successful student will be able to demonstrate these abilities both orally and in writing.
- CSLO 2: Write effectively as a part of text readings, in-class practice questions, article homeworks, video responses, observing assignments, planet reports, and essays in order to demonstrate an understanding of the concepts of astronomy.
- CSLO 3: Speak effectively in all-class discussions, in small group activities, and in oral presentations about the concepts of astronomy.
- CSLO 4: Use interdisciplinary connections between astronomy and the humanities to analyze and explain how astronomy influenced various works of art, music, poetry, literature, and film. Use interdisciplinary connections between astronomy and the social sciences to analyze the implications of the search for extraterrestrial intelligence; the effect of comet appearances on world history; and the controversy inherent in the Big Bang theory. Use interdisciplinary connections between astronomy and the other natural sciences to analyze and brainstorm solutions to problems such as climate change, solar flares, and asteroid impacts.
- CSLO 5: Use critical and creative thinking to analyze and formulate solutions to the challenges of space travel, space colonization, and terraforming. Use critical thinking to analyze and explain the astronomical concepts demonstrated in videos and outside articles.
- CSLO 6: Explain the ethical implications inherent in issues such as building telescopes on sacred, indigenous land; government spending on astronomy research and space exploration; broadcasting our existence to the rest of the Galaxy; and terraforming other planets.
- CSLO 7: Analyze and evaluate the contributions to the development of astronomy by cultures from around the world and from different times. Explain the different cultural perspectives of a given constellation. Explain how different cultures built pyramids for astronomical observing.

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

Automotive Technology

Program Information

Degree(s) and/or certificates and courses listed below.

Degrees and Certificates

Advanced Performance Engine Builder College Skills Certificate
Air Conditioning Specialist, College Skills Certificate
Automotive Certificate of General Maintenance, College Skills Certificate
Automotive Chassis Specialist College Skills Certificate
Automotive Diesel Specialist, College Skills Certificate
Automotive Technology Associate of Science Degree (AS)
Automotive Technology Certificate of Achievement (COA)
Powertrain Specialist College Skills Certificate
Smog Technician Specialist College Skills Certificate
Transmission Specialist College Skills Certificate

Course Information

AUTO045 - Automotive Laboratory Practice
AUTO057 - Smog Update
AUTO098 - Independent Study in Automotive Technology
AUTO100 - Introduction to Industrial Technology And Trades
AUTO110 - Automotive Essential Car Care
AUTO111 - Automotive Electrical Systems
AUTO112 - Engine Technology
AUTO113 - Automotive Heating and Air Conditioning
AUTO120 - Automotive Suspension and Steering
AUTO121 - Automotive Brakes
AUTO122 - Automotive Machining
AUTO124 - Electric Vehicle Technology
AUTO130 - Automatic Transmission and Transaxles
AUTO131 - Introduction to Diesel Technology
AUTO132 - Automotive Diagnosis I

AUTO133 - Manual Transmission and Differentials
AUTO140 - Hybrid and Alternative Fuels Technology
AUTO141 - Advanced Diesel Technology
AUTO142 - Automotive Diagnosis II
AUTO143 - Engine Mastery
AUTO150 - Smog Check Training Level I
AUTO151 - Smog Check Training Level 2
AUTO170 - Occupational Work Experience Education In Automotive Technology
AUTO180 - Internship in Automotive Technology Technology

[Back to department listing](#)

Automotive Technology Associate of Science Degree (AS)

A.S. Degree Local

[Print Page](#)

[Back to department listing](#)

Units:

60.0 units

Automotive Technology provides instruction in engine diagnosis, tune-up, emission control, brakes, front-end, and suspension systems. These courses are designed to prepare students for certification in these areas and for employment as automotive mechanics. For the Associate of Science Degree in Automotive Technology, complete 18-24 units of coursework listed below as well as the General Education requirements. Consult a Los Medanos College counselor to develop your education plan.

Toggle

Program Learning Outcomes

- 1. Demonstrate problem solving techniques used in troubleshooting automotive systems by writing up a diagnosis and completing the repair.
- 2. Use written or oral service directions used in the automotive field to locate service information, demonstrate mechanical knowledge by diagnosing the failure and replacing the proper component.
- 3. Demonstrate the skills and knowledge necessary to take and pass the state and ASE exams required for employment in the automotive field.

Toggle

Program Requirements

A.S. Degree Local

Required Courses in Major (Total 18 - 24)

Complete the following number of credits: 18-24

[AUTO045 - Automotive Laboratory Practice](#) 1.5

[AUTO111 - Automotive Electrical Systems](#) 4

[AUTO112 - Engine Technology](#) 4

[AUTO113 - Automotive Heating and Air Conditioning](#) 3

[AUTO120 - Automotive Suspension and Steering](#) 4

[AUTO121 - Automotive Brakes](#) 4

[AUTO122 - Automotive Machining](#) 4

[AUTO130 - Automatic Transmission and Transaxles](#) 4

[AUTO132 - Automotive Diagnosis I](#) 4

[AUTO133 - Manual Transmission and Differentials](#) 2

[AUTO142 - Automotive Diagnosis II](#) 4

[AUTO150 - Smog Check Training Level I](#) 3

Automotive Technology Certificate of Achievement (COA)

Certificate of Achievement

[Print Page](#)

[Back to department listing](#)

Units:

18.0 units

Automotive Technology provides instruction in engine diagnosis, tune-up, emission control, brakes, front-end, and suspension systems. These courses are designed to prepare students for certification in these areas and for employment as automotive mechanics. For the Certificate of Achievement in Automotive Technology, complete 18 units of coursework listed below. Consult a Los Medanos College counselor to develop your education plan.

Toggle

Program Learning Outcomes

- 1. Demonstrate problem solving techniques used in troubleshooting automotive systems by writing up a diagnosis and completing the repair.
- 2. Use written or oral service directions used in the automotive field to locate service information, demonstrate mechanical knowledge by diagnosing the failure and replacing the proper component.
- 3. Demonstrate the skills and knowledge necessary to take and pass the state and ASE exams required for employment in the automotive field.

Toggle

Program Requirements

Certificate of Achievement

Required Courses in Major (Total 18)

Complete the following number of credits: 18

[AUTO045 - Automotive Laboratory Practice](#) 1.5

[AUTO111 - Automotive Electrical Systems](#) 4

[AUTO112 - Engine Technology](#) 4

[AUTO113 - Automotive Heating and Air Conditioning](#) 3

[AUTO120 - Automotive Suspension and Steering](#) 4

[AUTO121 - Automotive Brakes](#) 4

[AUTO122 - Automotive Machining](#) 4

[AUTO130 - Automatic Transmission and Transaxles](#) 4

[AUTO132 - Automotive Diagnosis I](#) 4

[AUTO133 - Manual Transmission and Differentials](#) 2

[AUTO142 - Automotive Diagnosis II](#) 4

[AUTO150 - Smog Check Training Level I](#) 3

Advanced Performance Engine Builder College Skills Certificate

College Skills Certificate

[Print Page](#)

[Back to department listing](#)

Units:

12.0 units

Automotive Technology provides instruction in engine diagnosis, tuneup, emission control, brakes, front-end, and suspension systems. These courses are designed to prepare students for certification in these areas and for employment as automotive mechanics.

Toggle

Program Learning Outcomes

- 1. Demonstrate the skills and knowledge necessary to take and pass the ASE exam (A1) required for employment in the automotive field.

Toggle

Program Requirements

College Skills Certificate

Required Courses for Certificate (Total 12)

Complete all of the following

[AUTO112 - Engine Technology](#) 4

[AUTO122 - Automotive Machining](#) 4

[AUTO143 - Engine Mastery](#) 4

Automotive Chassis Specialist College Skills Certificate

College Skills Certificate

[Print Page](#)

[Back to department listing](#)

Units:

12.0 units

Automotive Technology provides instruction in engine diagnosis, tuneup, emission control, brakes, front-end, and suspension systems. These courses are designed to prepare students for certification in these areas and for employment as automotive mechanics.

Toggle

Program Learning Outcomes

- 1. Demonstrate the skills and knowledge necessary to take and pass the ASE exam (A4 & A5) required for employment in the automotive field.

Toggle

Program Requirements

College Skills Certificate

Required Courses for Certificate (Total 12)

Complete all of the following

[AUTO111 - Automotive Electrical Systems](#) 4

[AUTO120 - Automotive Suspension and Steering](#) 4

[AUTO121 - Automotive Brakes](#) 4

Powertrain Specialist College Skills Certificate

College Skills Certificate

[Print Page](#)

[Back to department listing](#)

Units:

12.0 units

Automotive Technology provides instruction in engine diagnosis, tuneup, emission control, brakes, front-end, and suspension systems. These courses are designed to prepare students for certification in these areas and for employment as automotive mechanics.

Toggle

Program Learning Outcomes

- 1. Demonstrate the skills and knowledge necessary to take and pass the ASE exam (A2 & A3) required for employment in the automotive field.

Toggle

Program Requirements

College Skills Certificate

Required Courses for Certificate (Total 12)

Complete all of the following

[AUTO111 - Automotive Electrical Systems](#) 4

[AUTO132 - Automotive Diagnosis I](#) 4

[AUTO142 - Automotive Diagnosis II](#) 4

Smog Technician Specialist College Skills Certificate

College Skills Certificate

[Print Page](#)

[Back to department listing](#)

Units:

15.5 units

Automotive Technology provides instruction in engine diagnosis, tuneup, emission control, brakes, front-end, and suspension systems. These courses are designed to prepare students for certification in these areas and for employment as automotive mechanics.

Toggle

Program Learning Outcomes

- 1. Demonstrate the skills and knowledge necessary to take and pass the State smog license and ASE exam (A 6, A 8 & L 1) required for employment in the automotive field.

Toggle

Program Requirements

College Skills Certificate

Required Courses for Certificate (Total 15.5)

Complete all of the following

[AUTO057 - Smog Update](#) 0.5

[AUTO111 - Automotive Electrical Systems](#) 4

[AUTO132 - Automotive Diagnosis I](#) 4

[AUTO142 - Automotive Diagnosis II](#) 4

[AUTO150 - Smog Check Training Level I](#) 3

Transmission Specialist College Skills Certificate

College Skills Certificate

[Print Page](#)

[Back to department listing](#)

Units:

12.0 units

Automotive Technology provides instruction in engine diagnosis, tuneup, emission control, brakes, front-end, and suspension systems. These courses are designed to prepare students for certification in these areas and for employment as automotive mechanics.

Toggle

Program Learning Outcomes

- 1. Demonstrate the skills and knowledge necessary to take and pass the ASE exam (A2 & A3) required for employment in the automotive field.

Toggle

Program Requirements

College Skills Certificate

Required Courses for Certificate (Total 10)

Complete all of the following

[AUTO111 - Automotive Electrical Systems](#) 4

[AUTO130 - Automatic Transmission and Transaxles](#) 4

[AUTO133 - Manual Transmission and Differentials](#) 2

Air Conditioning Specialist, College Skills Certificate

College Skills Certificate

[Print Page](#)

[Back to department listing](#)

Units:

3.0 units

Air Conditioning Specialist

Toggle

Program Learning Outcomes

- Demonstrate the skills and knowledge necessary to take and pass the State refrigerant handling license and ASE exam (A6) required for employment in the automotive field.

Toggle

Program Requirements

College Skills Certificate

Required course (Total 3)

Complete all of the following

[AUTO113 - Automotive Heating and Air Conditioning](#) 3

Automotive Diesel Specialist, College Skills Certificate

College Skills Certificate

[Print Page](#)

[Back to department listing](#)

Units:

12.0 units

Toggle

Program Learning Outcomes

Toggle

Program Requirements

College Skills Certificate

Required Courses (Total 12)

Complete all of the following

[AUTO111 - Automotive Electrical Systems](#) 4

[AUTO131 - Introduction to Diesel Technology](#) 4

[AUTO141 - Advanced Diesel Technology](#) 4

Automotive Certificate of General Maintenance, College Skills Certificate

College Skills Certificate

[Print Page](#)

[Back to department listing](#)

Units:

0.0 units

Toggle

Program Learning Outcomes

Toggle

Program Requirements

College Skills Certificate

Required Courses (Total 13.5)

Complete all of the following

[AUTO110 - Automotive Essential Car Care](#) 5.5

[AUTO111 - Automotive Electrical Systems](#) 4

[AUTO112 - Engine Technology](#) 4

AUTO-124 Electric Vehicle Technology

Units: 4.0

[Print Page](#)

[Back to department listing](#)

Description:

This course provides training in the service, maintenance, diagnosis and repair of Electric Drive Vehicles. Training includes Plug-In Hybrid Electric Vehicles (PHEV), Hybrid Electric Vehicles (HEV), Battery Electric Vehicles (BEV) and Extended Range Vehicles. Students are exposed to the most advanced and up-to-date service, maintenance, diagnosis and repair procedures for these Advanced Technology Vehicles. This course prepares you for the ASE L-3 light duty hybrid/electric vehicle specialist test.

Requisites:

Advisory

[AUTO111 - Automotive Electrical Systems](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Demonstrate a working knowledge of all safety procedures related to working with high voltage electric vehicle batteries, inverters, motor generators and high voltage sub-systems. (PSLO 1,2,3,5)
- 2. Identify the components unique to electrical vehicles and their operation related to a fully electric drive vehicle. (PSLO 2,5)
- 3. Remove and reinstall an electrical vehicle battery system following all manufactures procedures and safety requirements. Identify the types of batteries (nicd, li-ion etc.) and explain their different properties and handling methods. (PSLO 3,5)
- 4. Perform both scan-tool based and direct measurement diagnosis of inverters and electric drive systems. (PSLO 2,3,4,5,)
- 5. Perform both scan-tool based and direct measurement diagnosis of supporting sub-systems (electric HVAC, electric steering, regenerative braking etc. (PSLO 1,2,3,4)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

4.0

Maximum Credit Units

4.0

Total Course In-Class (Contact) Hours

90.0

Course in class (contact) hours

Lecture Hours

72.0

Lab Hours

18.0

Activity Hours

0.0

AUTO-100 Introduction to Industrial Technology And Trades

Units: 2.0

[Print Page](#)

[Back to department listing](#)

Description:

This is a career exploration course for the industrial trades including: Automotive Technology, Electrical/Instrumentation Technology, Process Technology and Welding Technology. It will provide hands-on experience for students who are maybe undecided about their career direction, and allows them to explore through doing, in this survey course of the industrial trades. It will also teach them some basic skills in each trade. This is one course and will be listed under all of following course numbers AUTO-100, ETEC-100, PTEC-100 and

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CLSO 1: Define and describe programs & careers associated with industrial trades.
- CSLO 2: Identify basic elements of industrial trades including electrical, mechanical & physical systems.

- CSLO 3: Perform basic skills and safety procedures required in industrial trades.

Grade Options:

- Pass/No Pass (P/NP)

Toggle

Units and Hours**Minimum Credit Units**

2.0

Maximum Credit Units

2.0

Total Course In-Class (Contact) Hours

72.0

Course in class (contact) hours

Lecture Hours

18.0

Lab Hours

54.0

Activity Hours

0.0

AUTO-130 Automatic Transmission and Transaxles

Units: 4.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is designed to provide students with the knowledge and skills to maintain and repair automotive transmissions and transaxles. This course provides experience in complete overhaul and rebuilding of automatic transmissions. It prepares students for the ASE A2 Examination.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Safely perform standard auto shop practices (PSLO 5)
- 2. Perform routine adjustments and routine maintenance on automatic transmissions. (PSLO 1,2,3,)
- 3. Analyze and diagnose transmissions problems according to industry standards. (PSLO 1,3,4,)
- 4. Use repair and rebuilding techniques required to restore an automatic transmission to like new condition. (PSLO 1,2,3,)
- 5. Use various techniques to repair hydraulic, mechanical and electronic control systems. (PSLO 1,2,3,)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

4.0

Maximum Credit Units

4.0

Total Course In-Class (Contact) Hours

128.0

Course in class (contact) hours

Lecture Hours

48.0

Lab Hours

80.0

Activity Hours

0.0

AUTO-111 Automotive Electrical Systems

Units: 4.0

[Print Page](#)

[Back to department listing](#)

Description:

The course covers automotive electrical principles including reading wiring diagrams, diagnosing electronic components, and using meters/lab scopes. This course is designed for the student seeking a career as an automotive technician as well as the existing technicians who want to expand their knowledge. This course will prepare students to take the California Automotive Lamp Installer's license and the ASE A-6 Examination.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Safely perform standard shop practices. (PSLO 5)
- 2. Identify and use equipment (digital volt meter, test lights, graphing meters and scan tools) for diagnosis of automotive electrical systems. (PSLO 1,2)
- 3. Troubleshoot, diagnose, and repair body electric systems (power windows, power locks, power seats, safety restraints, stereo systems, lighting systems and instrument clusters). (PSLO 1,2,3,4,5,)
- 4. Use proper testing procedures and read a wiring schematic according to manufacture specifications. (PSLO 1,3)
- 5. Locate the appropriate diagnostic and repair information in shop manuals and wiring schematics. (PSLO 1,2)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

4.0

Maximum Credit Units

4.0

Total Course In-Class (Contact) Hours

128.0

Course in class (contact) hours

Lecture Hours

48.0

Lab Hours

80.0

Activity Hours

0.0

AUTO-120 Automotive Suspension and Steering

Units: 4.0

[Print Page](#)

[Back to department listing](#)

Description:

The course is designed for students to learn and improve the skills necessary to diagnose and repair wheels, tires, shocks, steering, suspension systems and alignment procedures. The course places emphasis on the manufacturer's standards and procedures. This course will prepare students for the ASE A-4 Examination.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Safely perform standard auto shop practices. (PSLO 5)
- 2. Describe and explain different automotive steering and suspension systems. (PSLO 2,3)
- 3. Service and repair front and rear suspension systems. Demonstrate the ability to repair or replace Ball joints, struts, tires etc. (PSLO 1,3,4)
- 4. Perform a complete wheel alignment according to manufacturer's specifications. Demonstrate a knowledge of all and alignment angles (Camber, Caster, Toe, SAI, Included angle, TOT) (PSLO 2,4,5)
- 5. Perform a complete tire mounting electronic wheel balance. (PSLO 5,4)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

4.0

Maximum Credit Units

4.0

Total Course In-Class (Contact) Hours

128.0

Course in class (contact) hours**Lecture Hours**

48.0

Lab Hours

80.0

Activity Hours

0.0

AUTO-045 Automotive Laboratory Practice

Units: 1.5

[Print Page](#)

[Back to department listing](#)

Description:

This course is designed for students who want to improve their existing skills. More lab time is very valuable in improving skills to gain employment in the automotive field. Projects will vary depending on the student's need. Work can include electrical and mechanical diagnosis and repair. Students must be able to perform repairs based on their current knowledge of the repair, with supervision from the instructor.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Safely perform standard shop practices. (PSLO 7)
- 2. Apply critical thinking and problem solving skills to troubleshoot and repair vehicles according to industry flat rate repair times.(PSLO 1, 4, 5)
- 3. Use technical language when communicating with other technicians and consumer friendly language when communicating with customers. (PSLO 1)
- 4. Accurately interpret and use information from diagnostic test equipment (PSLO 1, 2, 3, 5)

Grade Options:

- Pass/No Pass (P/NP)

Toggle

Units and Hours

Minimum Credit Units

1.5

Maximum Credit Units

1.5

Total Course In-Class (Contact) Hours

72.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

72.0

Activity Hours

0.0

AUTO-113 Automotive Heating and Air Conditioning

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is designed to provide students with the knowledge and skills needed to succeed in the field of automotive heating and air conditioning; and retrofitting R12 to R134a systems. This course will prepare students to take the federal exam for a refrigerant handling license and the ASE A-7 Examination.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Safely perform standard shop practices. (PSLO 5)
- 2. Describe and explain the operation of heating and air conditioning systems. (PSLO 2, 3)
- 3. Use correct testing equipment and proper testing procedures to perform the required inspection and testing to service heating and air conditioning systems. Discharge, evacuate, repair and recharge air conditioning systems (PSLO 2,3,5)
- 4. Troubleshoot and diagnostic procedures of vacuum components using vacuum schematics and vacuum pumps. (PSLO 2,3,4)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

90.0

Course in class (contact) hours

Lecture Hours

36.0

Lab Hours

54.0

Activity Hours

0.0

AUTO-132 Automotive Diagnosis I

Units: 4.0

[Print Page](#)

[Back to department listing](#)

Description:

This course provides a practical background in the theory, operation, and testing of automotive engine systems and emission control components. This is the first of two courses (AUTO-132 and AUTO-142) designed to familiarize the student with engine systems. It will prepare students for the ASE A-6 Examination.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Perform standard shop practices safely. (PSLO 5)
- 2. Troubleshoot and diagnose charging systems and vehicle starting systems (PSLO 1,2,3,4)
- 3. Describe and explain differing types of electronic ignition systems and perform servicing of standard ignition systems (PSLO 1,3,4)
- 4. Describe, explain, diagnose and repair fuel delivery systems (PSLO 2,3,4)
- 5. Describe the theory of emissions control and explain how each component affects the engine operation. (PSLO 2,3,4)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

4.0

Maximum Credit Units

4.0

Total Course In-Class (Contact) Hours

128.0

Course in class (contact) hours

Lecture Hours

48.0

Lab Hours

80.0

Activity Hours

0.0

AUTO-110 Automotive Essential Car Care

Units: 5.5

[Print Page](#)

[Back to department listing](#)

Description:

This course is designed to teach the operation and maintenance of modern automobiles. There is an emphasis on the theory of the basic operating systems, including engine, electrical, chassis, and driveline systems. This course is designed for the student seeking a career as an automotive technician as well as the home mechanic or who wants to learn about his or her automobile.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Safely perform standard auto shop practices. (PSLO 5)
- 2. Properly write out shop work order forms (PSLO 1, 2, 3, 4, 5)
- 3. To correctly identify and demonstrate proper use of the hand tools, equipment and fasteners necessary to perform automotive repairs. (PSLO 1,3)
- 4. Perform light service work on multiple automobile systems using proper procedures by the automotive manufactures. (PSLO 5)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

5.5

Maximum Credit Units

5.5

Total Course In-Class (Contact) Hours

112.0

Course in class (contact) hours

Lecture Hours

96.0

Lab Hours

16.0

Activity Hours

0.0

AUTO-133 Manual Transmission and Differentials

Units: 2.0

[Print Page](#)

[Back to department listing](#)

Description:

The course is designed to provide students with the knowledge and ability to diagnose and rebuild a manual transmission, clutch, transaxle, driveshaft and differential. Students will gain knowledge and skill in the theory, operation and inspection of manual transmission and transaxle systems. Students will learn diagnostic skills necessary to trouble shoot, repair and adjust most modern manual transmission and transaxle systems. It will prepare students for the ASE A-5 Examination.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Perform standard shop practices safely. (PSLO 5)
- 2. To perform routine adjustments and routine maintenance on manual transmissions, four wheel drive systems and final drive systems. (PSLO 1, 2, 3, 5)
- 3. To analyze and diagnose transmissions problems according to industry standards. (PSLO 2, 3, 4)
- 4. To show competence in the repair and rebuilding techniques required to restore a manual transmission, Transfer case and Differential to like new condition. (PSLO 1, 2, 3, 4)
- 5. To demonstrate proficiency in the repair of hydraulic and mechanical clutches and electronic control systems. (PSLO 1, 2, 3, 4, 5)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

2.0

Maximum Credit Units

2.0

Total Course In-Class (Contact) Hours

64.0

Course in class (contact) hours

Lecture Hours

24.0

Lab Hours

40.0

Activity Hours

0.0

AUTO-122 Automotive Machining

Units: 4.0

[Print Page](#)

[Back to department listing](#)

Description:

The course teaches students how to diagnose, rebuild and machine a modern automotive engine. This course is designed for students seeking a career as an automotive technician and/or engine rebuilder. It prepares students for the ASE A1 examination and the AERA Cylinder Head and Engine Machinist Certification. Students will also learn how to repair engines to lower emissions and achieve better efficiency.

Requisites:

Advisory

[AUTO110 - Automotive Essential Car Care](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Perform standard industry shop practices safely and responsibly in preparation for employment. (PSLO 1, 5)
- 2. Clean, measure and machine engine block, pistons, crankshaft, camshafts, cylinder head, valve, valve guides and springs using tools and machining equipment. (PSLO 1, 5)
- 3. Use critical thinking to apply engine theory to the analysis, diagnosis, disassembly, reassembly, repair of the engine, the effect on emissions and diesel engines. (PSLO 1, 2, 3, 4, 5)

- 4. Use computer technology and industry materials, procedures, and specifications to diagnose and repair an engine. (PSLO 1, 2, 3)
- 5. Take the ASE exam A1 examination and the AERA Cylinder Head and Engine Machinist Certification. (PSLO 1, 4)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

4.0

Maximum Credit Units

4.0

Total Course In-Class (Contact) Hours

128.0

Course in class (contact) hours

Lecture Hours

48.0

Lab Hours

80.0

Activity Hours

0.0

AUTO-112 Engine Technology

Units: 4.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is an introductory course to the basics of engine mechanical technology. The core of this course is to provide fundamental engine measurements, inspection and proper assembly techniques required for both common and modern engines. As an entry level course, emphasis is focused on safety, proper tool usage and organizational skills. Material in this class provides the essential knowledge for students to take the ASE A1-Engine Repair exam.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Perform standard shop practices safely. (PSLO 5)
- 2. Correctly identify and demonstrate proper use of the hand tools, equipment and fasteners necessary to perform automotive repairs. (PSLO 5)
- 3. Troubleshoot and effectively diagnose automotive engine conditions, using the defined Technical principles relating to the engine and engine components. (PSLO 1,2,4,5)
- 4. Correctly measure, inspect and assess the condition of crankshafts, rods, pistons, blocks, cylinder heads, seats and valve guides. (PSLO 2,3,5)
- 5. Reassembly and testing of engine components. (PSLO 4,5)
- 6. Perform preventative maintenance and service on basic automotive components and automotive engine systems. (PSLO 3)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

4.0

Maximum Credit Units

4.0

Total Course In-Class (Contact) Hours

128.0

Course in class (contact) hours

Lecture Hours

48.0

Lab Hours

80.0

Activity Hours

0.0

AUTO-121 Automotive Brakes

Units: 4.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is designed to give students the knowledge, and practical skills necessary to troubleshoot, diagnose and repair modern automotive brakes and ABS systems. The course places emphasis on manufacturers' standards and procedures required to keep brakes performing within state and federal specifications. This course will prepare students for the California Brake Installer's License exam and the ASE A-5 Examination.

Requisites:**Advisory**

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Safely perform standard shop practices. (PSLO 5)
- 2. Apply automotive braking systems theory. (PSLO 2,3,4,)
- 3. Service disk and drum brake assemblies according to manufacturer's specifications. (PSLO 2, 3, 4, 5).
- 4. Service hydraulic and power hydraulic braking systems according to manufacturer's specifications. (PSLO 2, 3, 4, 5)
- 5. Perform service on ABS braking systems according to manufacturer's specifications. (PSLO 3, 4, 5)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

4.0

Maximum Credit Units

4.0

Total Course In-Class (Contact) Hours

128.0

Course in class (contact) hours

Lecture Hours

48.0

Lab Hours

80.0

Activity Hours

0.0

AUTO-131 Introduction to Diesel Technology

Units: 4.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is designed to introduce students to light duty automotive and truck diesel engine systems. They will learn the differences and advantages of diesel vs. gas engines, as well as the skills necessary to properly diagnose and repair modern high pressure diesel engines and fuel systems. It will provide students new to diesel technology a solid working knowledge of modern diesels, and is a valuable refresher for current automotive technicians that may not be up to date on the latest diesel technology. It will prepare students for the ASE T2 diesel examination.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Safely perform standard shop practices. (PSLO 5)
- 2. Identify the major components of a modern high pressure diesel engine and explain their functions. (PSLO 1,2,3,4)
- 3. Explain and demonstrate the importance of cleanliness and regular maintenance required for modern diesel engines. (PSLO 2,3,4)
- 4. Perform detailed testing on low and high pressure diesel fuel systems. (PSLO 1,2,3,4)
- 5. Describe the difference between gas and diesel engines, systems, controls, emissions systems and the advantages of diesel. (PSLO 2,3,4)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

4.0

Maximum Credit Units

4.0

Total Course In-Class (Contact) Hours

128.0

Course in class (contact) hours

Lecture Hours

48.0

Lab Hours

80.0

Activity Hours

0.0

AUTO-151 Smog Check Training Level 2

Units: 1.5

[Print Page](#)

[Back to department listing](#)

Description:

This course is required by the State of California Bureau of Automotive Repair (BAR) for an automotive technician to complete the education requirements for the state smog inspector license certification. Students must take this course to earn a Level II certificate that will allow them to take the state smog check inspector exam. This course provides training in the procedures of the smog check program and instructs students how to properly perform a smog check inspection. This course provides a practical background in the theory, operation and testing of automotive engine systems and emission control components. The course will also prepare a student to take the ASE L1 exam.

Requisites:

Advisory

[AUTO150 - Smog Check Training Level I](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Describe and demonstrate personal, shop, environmental, equipment, and vehicle safety practices. (PSLO 1 and 5)
- 2. Describe the laws, regulations, and procedures associated with customer authorization, estimates and invoices. (PSLO 1 and 5)
- 3. Describe expectations of a Smog Check licensee. (PSLO 1,2,3 and 4)
- 4. Demonstrate the ability to properly calibrate, initialize and operate the Smog Check Emission Inspection System and BAR OBD Inspection System. (PSLO 1 and 4)
- 5. Demonstrate the knowledge, skills and abilities to properly perform Smog Check emission tests on various vehicle designs. (PSLO 1 and 3)
- 6. Describe and demonstrate the knowledge, skills and abilities to properly perform Smog Check visual inspections on various vehicle designs. (PSLO 1,2 and 3)
- 7. Describe and demonstrate the knowledge, skills and abilities to properly perform Smog Check functional tests on various vehicle designs. (PSLO 1,2, and 3)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

1.5

Maximum Credit Units

1.5

Total Course In-Class (Contact) Hours

40.0

Course in class (contact) hours

Lecture Hours

27.0

Lab Hours

13.0

Activity Hours

0.0

AUTO-150 Smog Check Training Level I

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course will prepare you to become a smog check inspector or repair technician. The course is the first of two state required courses and will include safety, basic engine operation, all basic automotive systems (ignition, induction, exhaust, cooling, emission controls), emissions causes and effects and an introduction to smog rules and regulations. This course is designed for students seeking a career as a smog technician or the technician needing a California BAR Smog License for employment at a repair shop or dealership. Instruction will include competencies of automobile emissions systems to meet the requirements of the California State BAR Smog Inspection and Maintenance Program Level I training. Level I certification is required by the CA State BAR prior to registration for Level II training and both are required for the State Smog License examination. This course will prepare the student for the ASE L-1 Advanced Engine Performance examination.

Requisites:

Advisory

[AUTO132 - Automotive Diagnosis I](#)

Advisory

[AUTO142 - Automotive Diagnosis II](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Describe and demonstrate personal, shop, environmental, equipment, and vehicle safety practices. (PSLO 1, 5)
- 2. Describe engine theory, design, and operation for gasoline, diesel and hybrid vehicles. (PSLO 2, 3)
- 3. Demonstrate the knowledge, skills and abilities to accurately identify engine systems, parts and components. (PSLO 1, 3)
- 4. Describe emission control systems theory, design and operation. (PSLO 1, 2, 3, 4)
- 5. Demonstrate the knowledge, skills and abilities to accurately identify emission control systems on various vehicle designs. (PSLO 1, 2)
- 6. Demonstrate the knowledge, skills and abilities to properly check ignition timing on various vehicle designs. (PSLO 1, 2, 3)
- 7. Demonstrate the knowledge, skills and abilities to properly check the operation of exhaust gas recirculation systems on various designs. (PSLO 1, 2, 3)
- 8. Demonstrate the knowledge, skills and abilities to properly check monitor readiness status on vehicles equipped with second generation on-board diagnostics systems (OBDII). (PSLO 1, 2, 3)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

80.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

26.0

Activity Hours

0.0

AUTO-141 Advanced Diesel Technology

Units: 4.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is designed to build upon the theories and skills learned in Auto 131, Introduction to Diesel Technology. Students will be introduced to more complex engine, fuel, and emission systems, and learn the proper diagnostic and repair skills associated with those systems. Although the course still follows the same basic information contained in the textbook used in Auto 131, most of the classroom material and lab activities are similar to the training a student would receive at an OEM factory training center. At the completion of Introduction to Diesel Technology and Advanced Diesel Technology a student should be prepared to enter the workforce as an entry level diesel technician at an independent or OEM repair facility.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Safely perform standard shop practices, and especially those required when working on high pressure diesel engine systems. (PSLO 5)
- 2. Evaluate vehicle condition and proposed repair procedures by obtaining customer and vehicle specific data. (PSLO 1,2,3,4,5)
- 3. Utilize all available data on the vehicle to determine the appropriate diagnostic and repair procedures to use to perform the repair. (PSLO 2,3,5)
- 4. Apply the knowledge gained to practice the additional requirements of cleanliness and high precision required when working on high pressure diesel engine systems. (PSLO 1,2,3,4,5)
- 5. Completely disassemble, evaluate the failed components, and properly reassemble a highly advanced automotive high pressure diesel engine similar to the VM Motori 3.0 diesel engine assembly. (PSLO 2,3,5)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

4.0

Maximum Credit Units

4.0

Total Course In-Class (Contact) Hours

128.0

Course in class (contact) hours

Lecture Hours

48.0

Lab Hours

80.0

Activity Hours

0.0

AUTO-142 Automotive Diagnosis II

Units: 4.0

[Print Page](#)

[Back to department listing](#)

Description:

This advanced course is the second of two courses on tune-ups and diagnostics. The course is designed to give students the ability to gain and refine the skills necessary to perform engine tune-ups and diagnostic techniques on late model vehicles. The course places emphasis on manufacturer's standards and procedures required to keep the automobile engine performing within state and federal specifications. It course prepares students for the ASE A-8 Examination.

Requisites:

Advisory

[AUTO132 - Automotive Diagnosis I](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Safely perform standard shop practices. (PSLO 5)
- 2. Perform a complete major tune-up (PSLO 1,2,3,4,)
- 3. Explain California emission control standards. (PSLO 2,3,4)
- 4. Perform detailed testing on fuel systems. (PSLO 1,2,3,4)
- 5. Use advanced troubleshooting techniques on electronic ignition systems and perform detailed ignition systems testing (PSLO 1,2,4,5)
- 6. Describe the emission control components and explain the effect of each component on the engine operation. (PSLO 2,3,5)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

4.0

Maximum Credit Units

4.0

Total Course In-Class (Contact) Hours

128.0

Course in class (contact) hours

Lecture Hours

48.0

Lab Hours

80.0

Activity Hours

0.0

AUTO-143 Engine Mastery

Units: 4.0

[Print Page](#)

[Back to department listing](#)

Description:

Advanced engine performance combining automotive mathematics and practical engine assembly through Dyno Testing. This course focuses on how to develop an engine plan based on intended use, analyze engine tear down, cleaning and inspection procedures, selection of engine components, machine to blueprint, and assembly of specific engine projects. Students perform all services utilizing industry standard equipment from companies like Dynomite, Superflow, Mustang and others.

Requisites:

Prerequisite

[AUTO122 - Automotive Machining](#)

Advisory

[AUTO132 - Automotive Diagnosis I](#)

Advisory

[AUTO142 - Automotive Diagnosis II](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Perform modifications to carburation systems, electronic fuel systems and to an engine using forced induction components.
- 2. Demonstrate engine dynamometer testing and interpretation of results.
- 3. Analyze intake and exhaust flow results through flow bench operation and testing.
- 4. Perform engine assembly per manufacture recommendations and verify in-class calculated results through live dyno performance testing.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

4.0

Maximum Credit Units

4.0

Total Course In-Class (Contact) Hours

128.0

Course in class (contact) hours**Lecture Hours**

48.0

Lab Hours

80.0

Activity Hours

0.0

AUTO-140 Hybrid and Alternative Fuels Technology

Units: 2.0

[Print Page](#)

[Back to department listing](#)

Description:

This course provides basic electric and hybrid electric vehicle safety procedures; common electric and hybrid electric vehicle component fundamentals; current hybrid vehicle design; an introduction to hybrid electric vehicle maintenance and troubleshooting and an introduction to hybrid electrical vehicle test equipment and procedures.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Work safely with the equipment to repair the Hybrid vehicle correctly (PSLO 1,2,3,5)
- 2. Recognize and handle Hybrid vehicle safety protocols (PSLO 1,2,3,4)
- 3. Identify the Hybrid vehicle systems and components (PSLO 1,2,3,4)
- 4. Perform Hybrid maintenance and repair procedures (PSLO 1,2,3,4)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

2.0

Maximum Credit Units

2.0

Total Course In-Class (Contact) Hours

64.0

Course in class (contact) hours

Lecture Hours

24.0

Lab Hours

40.0

Activity Hours

0.0

AUTO-057 Smog Update

Units: 0.5

[Print Page](#)

[Back to department listing](#)

Description:

The State of California mandates that all smog check repair technicians renew their smog license every two years and take a minimum of 16 hours of Smog Update training. This course is the latest 16-hour update course required by the California Bureau of Automotive Repair for smog check repair technicians who need to renew their smog license.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Not transferable

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Perform standard industry shop practices safely and responsibly in preparation for employment.
- 2. Demonstrate critical thinking skills by applying automotive theory to the analysis, diagnosis, disassembly, reassembly, and repair of emission control components.
- 3. Demonstrate effective communication skills (both verbal and written) and exhibit interpersonal and professional skills.
- 4. Use computer technology and industry materials, procedures, and specifications to diagnose and repair.
- 5. Demonstrate the knowledge necessary to pass unit and final exams in preparation for BAR exam.

Grade Options:

- Pass/No Pass (P/NP)

Toggle

Units and Hours

Minimum Credit Units

0.5

Maximum Credit Units

0.5

Total Course In-Class (Contact) Hours

20.0

Course in class (contact) hours

Lecture Hours

8.0

Lab Hours

12.0

Activity Hours

0.0

AUTO-170 Occupational Work Experience Education In Automotive Technology

Units: 1.0-4.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is for students whose work is related to their major. Occupational Work Experience Education provides students with opportunities to develop marketable skills in preparation for employment or advancement within their current job. To participate in cooperative work experience education, students must be employed or formally volunteer and undertake new or expanded responsibilities. Students, with faculty and employer approval, will develop and successfully complete one learning objective for each unit of credit in which they enroll. Additionally, students must work 75 paid hours or 60 non-paid hours for each unit of credit earned. Students may earn up

to 8 units per semester and may repeat for a maximum of 16 units of occupational work experience during community college attendance which may be applied as electives toward graduation.

Requisites:

None

Course Note:

Work Experience Education Requirements

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

Section 55253. College Credit and Repetition The amendment to Title 5 created an exception to the general rule for repetition of activity courses to allow students to take the full number of units of cooperative work experience, which would otherwise be allowed. (b) If a college offers only one course in occupational work experience in a given field and that course is not offered as a variable unit open entry/open-exit course, the district policy on course repetition adopted pursuant to section 55040 may permit a student to repeat that course any number of times so long as the student does not exceed the limits on the number of units of cooperative work experience education set forth in subdivision (a). Consistent with section 58161, attendance of a student repeating a cooperative work experience course pursuant to this subdivision may be claimed for state apportionment.

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Apply professionalism and work ethic skills including personal accountability, work habits, punctuality, working productively with others, and managing time and work load.
- CSLO 2: Work in collaborative relationships with colleagues and customers and be able to work with diverse teams, negotiate, and manage conflicts.
- CSLO 3: Apply critical thinking and problem solving skills by using sound reasoning and analytical thinking as well as using knowledge, facts, and data to solve workplace problems.
- CSLO 4: Communicate thoughts and ideas clearly and effectively using public speaking skills and the ability to write clearly and effectively.
- CSLO 5: Utilize, under direct supervision, knowledge, skills and abilities acquired during prior or concurrent college course work directly related to workplace responsibilities by applying appropriate Course-Level Student Learning Outcomes from a college course to the student's place of employment.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

1.0

Maximum Credit Units

4.0

Total Course In-Class (Contact) Hours

300.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

300.0

Activity Hours

0.0

AUTO-180 Internship in Automotive Technology Technology

Units: 1.0-4.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is for students who have declared a major, have taken classes in the major, and are ready for on-the-job experience in a paid or unpaid position. An internship involves working in a skilled or professional level assignment in the area of a student's vocational or academic major or field of

interest. Students, with faculty and employer approval, will apply college-acquired knowledge, skills and abilities as well as acquire new learning to prepare for a career in their chosen field. Students must work 75 paid hours or 60 non-paid hours for each unit of credit earned. Students may earn a maximum of 16 units of occupational work experience internship during community college attendance which may be applied as electives toward graduation. 12 units are transferable to CSU.

Requisites:

None

Course Note:

Work Experience Education Requirements

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

Section 55253. College Credit and Repetition The amendment to Title 5 created an exception to the general rule for repetition of activity courses to allow students to take the full number of units of cooperative work experience, which would otherwise be allowed. (b) If a college offers only one course in occupational work experience in a given field and that course is not offered as a variable unit open entry/open-exit course, the district policy on course repetition adopted pursuant to section 55040 may permit a student to repeat that course any number of times so long as the student does not exceed the limits on the number of units of cooperative work experience education set forth in subdivision (a). Consistent with section 58161, attendance of a student repeating a cooperative work experience course pursuant to this subdivision may be claimed for state apportionment

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Apply professionalism and work ethic skills including personal accountability, work habits, punctuality, working productively with others, and managing time and work load.
- CSLO 2: Work in collaborative relationships with colleagues and customers and be able to work with diverse teams, negotiate, and manage conflicts.
- CSLO 3: Apply critical thinking and problem solving skills by using sound reasoning and analytical thinking as well as using knowledge, facts, and data to solve workplace problems.
- CSLO 4: Communicate thoughts and ideas clearly and effectively using public speaking skills and the ability to write clearly and effectively.

- CSLO 5: Utilize, under direct supervision, knowledge, skills and abilities acquired during prior or concurrent college course work directly related to work place responsibilities by applying appropriate Course-Level Student Learning Outcomes from a college course to the internship

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

1.0

Maximum Credit Units

4.0

Total Course In-Class (Contact) Hours

300.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

300.0

Activity Hours

0.0

AUTO-098 Independent Study in Automotive Technology

Units: 0.5-3.0

[Print Page](#)

[Back to department listing](#)

Description:

Provides students an opportunity to design and pursue their own interests within a particular area. Projects reflecting cultural diversity and/or societal issues will be greatly encouraged. A contract must be drawn between the student and the instructor stipulating the goals of the independent study, the content, the method of approach, the estimated time involved, and the periodic evaluation to be used. Minimum 1 hour per week with instructor plus 54 hours of contracted work for each unit of credit. May not be repeated.

Requisites:

None

Course Note:

Submission of acceptable educational contract to department and Instruction Office is required.

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- Meet outcomes as specified in the approved Application for Independent Study.
- Gain knowledge and skill through the successful completion of an independent study course.
- Demonstrate and/or apply independent academic learning skills.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

0.5

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

162.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

162.0

Activity Hours

0.0

Business

Program Information

Degree(s) and/or certificates and courses listed below.

Degrees and Certificates

[Accounting Associate of Science \(AS\) Degree](#)

[Accounting Certificate of Achievement](#)

[Business Administration 2.0 Associate of Science Degree for Transfer \(AS-T\)](#)

[Business Information Professional Level I College Skills Certificate](#)

[Business Information Professional Level II College Skills Certificate](#)

[Small Business Operations Associate of Science Degree \(AS\)](#)

[Small Business Operations Certificate of Achievement \(COA\)](#)

Course Information

[BUS018 - Introduction to Excel](#)

[BUS019 - Intermediate MS Excel](#)

[BUS027 - Small Business Management](#)

[BUS035 - Microsoft Office](#)

[BUS035A - Microsoft Word](#)

[BUS035B - Microsoft Excel](#)

[BUS035C - Microsoft Powerpoint](#)

BUS036 - Intermediate Microsoft Office
BUS052 - Introduction to Entrepreneurship
BUS056 - Electronics Records Management with MS Access
BUS058 - Business English
BUS059 - Business Communications
BUS091 - Managing and Working in a Diverse Workplace
BUS092 - Business Ethics
BUS093 - Dealing With Difficult People
BUS094 - Successful Virtual Worker
BUS095 - Developing Customer Service Satisfaction
BUS096 - Time Management and Goal Setting
BUS097 - Leading Virtual Teams
BUS098 - Independent Study in Business
BUS109 - Introduction to Business
BUS129 - Advanced Computer Assisted Accounting & Certification- QuickBooks
BUS160 - Personal Finance
BUS170 - Occupational Work Experience Education In Business
BUS180 - Internship in Business
BUS181 - Accounting: Applied Principles
BUS185 - Computer Assisted Accounting-Quickbooks
BUS186 - Financial Accounting
BUS187 - Managerial Accounting
BUS294 - Business Law

[Back to department listing](#)

Business Administration 2.0 Associate of Science Degree for Transfer (AS-T)

A.S. Degree for Transfer

[Print Page](#)

[Back to department listing](#)

Units:

60 units

The Associate in Science in Business Administration for Transfer Degree 2.0 is designed for students desiring advanced degrees in Business Administration. The LMC Business Administration courses meet lower division transfer requirements for Businessdegrees such as accounting, marketing, management, international business, or finance. The curriculum includes the first and second-year requirements for transfer to a four-year institution. A baccalaureate degree is the recommended preparation for those considering professional careers in business. To achieve the Associate of Science in Business Administration Transfer Degree 2.0 from LMC, students must: To earn the Associate Degree for Transfer: 1. Completion of 60 semester units or 90 quarter units of degree-applicable courses, 2. Minimum overall grade point average of 2.0, 3. Minimum grade of “C” (or “P”) for each course in the major, and 4. Completion of IGETC and/or CSU GE-Breadth Certain

ADTs are based on completion of IGETC for STEM or CSU GE-Breadth for STEM. Students are strongly advised to meet with a counselor to discuss transfer requirements and lower division major preparation that is needed for their intended school since some universities have different course requirements.

Toggle

Program Learning Outcomes

- 1. Analyze practical business problems and utilize research and critical thinking to evaluate and recommend alternative solutions.
- 2. Demonstrate strong oral and written skills necessary to effectively collaborate and communicate from a global perspective with diverse groups of people.
- 3. Apply accounting concepts and principles in making decisions about business operations.
- 4. Identify and explain the major functional areas of the business organization including management, marketing, finance, and accounting.
- 5. Apply commonly used computer application programs to create relevant business documents.

Toggle

Program Requirements

A.S. Degree for Transfer
Required Courses

Required Courses for Major (Total 28)

Complete all of the following

Required Courses for Major (Total 25)

Complete all of the following

[BUS186 - Financial Accounting](#) 4

[BUS187 - Managerial Accounting](#) 4

[BUS294 - Business Law](#) 3

[ECON010 - Principles of Microeconomics](#) 3

[ECON011 - Principles of Macroeconomics](#) 3

[MATH110 - Introduction to Statistics](#) 4

[MATH140 - Applied Calculus](#) 4

Required Courses for Major (Total 3)

Complete the following number of credits: 3

[BUS059 - Business Communications](#) 3

[BUS109 - Introduction to Business](#) 3

Small Business Operations Associate of Science Degree (AS)

A.S. Degree Local

[Print Page](#)

[Back to department listing](#)

Units:

60.0 units

The Small Business Operations associate degree and certificate curriculum is designed to prepare students for success in small business management—starting, operating, and expanding a small business. It is geared to the potential or current entrepreneur and to persons who serve as employees of small business firms. For the Associate of Science Degree in Small Business Operations, complete the units of coursework listed as well as the General Education requirements. Consult a Los Medanos College counselor to develop your education plan.

Toggle

Program Learning Outcomes

- 1. Describe starting, operating, and expanding a small business that supports an ethical, legal, and social responsibility focused approach.
- 2. Explain sound financial management principles and procedures.
- 3. Discuss effective communication, human resources management, and decision-making practices and techniques.

Toggle

Program Requirements

A.S. Degree Local

Required Courses in Major (Total 29 - 31.5)

Complete all of the following

[BUS027 - Small Business Management](#) 3

[MANGT075 - Managing Human Resources](#) 3

Required Courses in Major (Total 3 - 4)

Complete the following number of credits: 3-4

[BUS181 - Accounting: Applied Principles](#) 3

[BUS186 - Financial Accounting](#) 4

Required Courses in Major (Total 3 - 4.5)

Complete the following number of credits: 3-4.5

BUS035 - Microsoft Office 3

BUS035A - Microsoft Word 1.5

BUS035B - Microsoft Excel 1.5

BUS035C - Microsoft Powerpoint 1.5

Required Courses in Major (Total 17)

Complete the following number of credits: 17

ART015 - Graphic Design 3

BUS018 - Introduction to Excel 3

BUS058 - Business English 3

BUS059 - Business Communications 0 - 3

BUS091 - Managing and Working in a Diverse Workplace 0.5

BUS092 - Business Ethics 0.5

BUS093 - Dealing With Difficult People 0.5

BUS095 - Developing Customer Service Satisfaction 0.5

BUS096 - Time Management and Goal Setting 0.5

BUS109 - Introduction to Business 3

BUS160 - Personal Finance 3

BUS185 - Computer Assisted Accounting-Quickbooks 3

BUS294 - Business Law 3

COMSC030 - Web Site Development- Part I 1.5

COMSC031 - Web Site Development- Part II 1.5

COMSC060 - Information Technologies 4

JOURN100 - Mass Communication 3

MANGT050 - Introduction to Management 3

MANGT060 - Making Effective Decisions 3

MANGT065 - Mastering Management's Essential Tools 3

MANGT070 - Conflict Management, Team Development, Leadership 3

Business Information Professional Level I College Skills Certificate

College Skills Certificate

[Print Page](#)

[Back to department listing](#)

Units:

17.5 units

The Business Department offers majors in accounting, small business operations, and office administration. The Business Department provides three ways to achieve your business education and training goals: 1) associate of science degrees; 2) certificates of achievement; and/or 3) college skills certificates.

Toggle

Program Learning Outcomes

- 1. Demonstrate the knowledge and skills necessary to obtain an entry-level business office position.

Toggle

Program Requirements

College Skills Certificate

Required Courses for Certificate (Total 17.5)

Complete all of the following

[BUS018 - Introduction to Excel](#) 3

[BUS035A - Microsoft Word](#) 1.5

[BUS036 - Intermediate Microsoft Office](#) 3

[BUS059 - Business Communications](#) 3

[COMSC040 - Introduction to Computer and Information Systems](#) 4

[MANGT070 - Conflict Management, Team Development, Leadership](#) 3

Business Information Professional Level II College Skills Certificate

College Skills Certificate

[Print Page](#)

[Back to department listing](#)

Units:

12.0 units

The Business Department offers majors in accounting, small business operations, and office administration. The Business Department provides three ways to achieve your business education and training goals: 1) associate of science degrees; 2) certificates of achievement; and/or 3) college skills certificates.

Toggle

Program Learning Outcomes

- 1. Demonstrate the knowledge and skills necessary to obtain an entry-level business office position.

Toggle

Program Requirements

College Skills Certificate

Required Courses for Certificate (Total 13.5)

Complete all of the following

[BUS019 - Intermediate MS Excel](#) 3

[BUS035C - Microsoft Powerpoint](#) 1.5

[BUS056 - Electronics Records Management with MS Access](#) 3

[BUS185 - Computer Assisted Accounting-Quickbooks](#) 3

Required Courses for Certificate (Total 3)

Complete the following number of credits: 3

[BUS091 - Managing and Working in a Diverse Workplace](#) 1.5

[BUS092 - Business Ethics](#) 1.5

[BUS093 - Dealing With Difficult People](#) 1.5

Small Business Operations Certificate of Achievement (COA)

Certificate of Achievement

[Print Page](#)

[Back to department listing](#)

Units:

24.0 - 26.5 units

The Small Business Operations associate degree and certificate curriculum is designed to prepare students for success in small business management—starting, operating, and expanding a small business. It is geared to the potential or current entrepreneur and to persons who serve as employees of small business firms. For the Certificate of Achievement in Small Business Operations, complete the units of coursework listed. Consult a Los Medanos College counselor to develop your education plan.

Toggle

Program Learning Outcomes

- 1. Describe starting, operating, and expanding a small business that supports an ethical, legal, and social responsibility focused approach.
- 2. Explain sound financial management principles and procedures.
- 3. Discuss effective communication, human resources management, and decision-making practices and techniques.

Toggle

Program Requirements

Certificate of Achievement

Required Courses in Major (Total 24 - 26.5)

Complete all of the following

[BUS027 - Small Business Management](#) 3

[MANGT075 - Managing Human Resources](#) 3

Required Courses in Major (Total 3 - 4)

Complete the following number of credits: 3-4

[BUS181 - Accounting: Applied Principles](#) 3

[BUS186 - Financial Accounting](#) 4

Required Courses in Major (Total 3 - 4.5)

Complete the following number of credits: 3-4.5

[BUS035 - Microsoft Office](#) 3

[BUS035A - Microsoft Word](#) 1.5

[BUS035B - Microsoft Excel](#) 1.5

[BUS035C - Microsoft Powerpoint](#) 1.5

Required Courses in Major (Total 12)

Complete the following number of credits: 12

[ART015 - Graphic Design](#) 3

[BUS018 - Introduction to Excel](#) 3

[BUS058 - Business English](#) 3

[BUS059 - Business Communications](#) 0 - 3

[BUS091 - Managing and Working in a Diverse Workplace](#) 0.5

[BUS092 - Business Ethics](#) 0.5

[BUS093 - Dealing With Difficult People](#) 0.5

[BUS095 - Developing Customer Service Satisfaction](#) 0.5

[BUS096 - Time Management and Goal Setting](#) 0.5

[BUS109 - Introduction to Business](#) 3

[BUS160 - Personal Finance](#) 3

[BUS185 - Computer Assisted Accounting-Quickbooks](#) 3

[BUS294 - Business Law](#) 3

[COMSC030 - Web Site Development- Part I](#) 1.5

[COMSC031 - Web Site Development- Part II](#) 1.5

[COMSC060 - Information Technologies](#) 4

[JOURN100 - Mass Communication](#) 3

[MANGT050 - Introduction to Management](#) 3

[MANGT060 - Making Effective Decisions](#) 3

[MANGT065 - Mastering Management's Essential Tools](#) 3

[MANGT070 - Conflict Management, Team Development, Leadership](#) 3

Accounting Associate of Science (AS) Degree

A.S. Degree Local

[Print Page](#)

[Back to department listing](#)

Units:

60.0 units

The Associate of Degree curriculum in accounting prepare students for entry-level positions and professional advancement in public, private, and governmental accounting. Entry level employment opportunities include positions such as accounts payable/receivable clerk, payroll accountant, accounting paraprofessional, and tax examiner assistant. The Business Department also offers a transfer curriculum to a four-year university.

Toggle

Program Learning Outcomes

- 1. Demonstrate the knowledge and skills necessary for an entry level position in public and/or private accounting.
- 2. Analyze information from source documents and narratives and record in the proper accounting records the typical types of financial transactions encountered daily by a for-profit business.
- 3. Construct financial statements and reports from accounting records.

Toggle

Program Requirements

A.S. Degree Local

Required Courses for Major (Total 23)

Complete all of the following

[BUS018 - Introduction to Excel](#) 3

[BUS109 - Introduction to Business](#) 3

[BUS185 - Computer Assisted Accounting-Quickbooks](#) 3

[BUS186 - Financial Accounting](#) 4

[BUS187 - Managerial Accounting](#) 4

Required Courses for Major (Total 6)

Complete the following number of credits: 6

[BUS027 - Small Business Management](#) 3

[BUS059 - Business Communications](#) 3

[BUS091 - Managing and Working in a Diverse Workplace](#) 0.5

[BUS092 - Business Ethics](#) 0.5

[BUS093 - Dealing With Difficult People](#) 0.5

[BUS095 - Developing Customer Service Satisfaction](#) 0.5

[BUS096 - Time Management and Goal Setting](#) 0.5

[BUS160 - Personal Finance](#) 3

BUS170 - Occ Work Exp in Business 0
BUS294 - Business Law 1 - 4

Accounting Certificate of Achievement

Certificate of Achievement

[Print Page](#)

[Back to department listing](#)

Units:

23.0 units

The certificate of achievement curriculum in accounting prepare students for entry-level positions and professional advancement in public, private, and governmental accounting. Entry level employment opportunities include positions such as accounts payable/receivable clerk, payroll accountant, accounting paraprofessional, and tax examiner assistant.

Toggle

Program Learning Outcomes

- 1. Demonstrate the knowledge and skills necessary for an entry level position in public and/or private accounting.
- 2. Analyze information from source documents and narratives and record in the proper accounting records the typical types of financial transactions encountered daily by a for-profit business.
- 3. Construct financial statements and reports from accounting records.

Toggle

Program Requirements

Certificate of Achievement

Required Courses for Major (Total 23)

Complete all of the following

[BUS018 - Introduction to Excel](#) 3

[BUS109 - Introduction to Business](#) 3

[BUS185 - Computer Assisted Accounting-Quickbooks](#) 3

[BUS186 - Financial Accounting](#) 4

[BUS187 - Managerial Accounting](#) 4

Required Courses for Major (Minimum of 6 units) (Total 6)

Complete the following number of credits: 6

BUS027 - Small Business Management 3

BUS059 - Business Communications 0 - 3

BUS091 - Managing and Working in a Diverse Workplace 0.5

BUS092 - Business Ethics 0.5

BUS093 - Dealing With Difficult People 0.5

BUS095 - Developing Customer Service Satisfaction 0.5

BUS096 - Time Management and Goal Setting 0.5

BUS160 - Personal Finance 3

BUS170 - Occ Work Exp in Business 0

BUS294 - Business Law 3

BUS-094 Successful Virtual Worker

Units: 1.5

[Print Page](#)

[Back to department listing](#)

Description:

This course introduces students to aspects related to being a successful virtual worker. During the course, students will explore the characteristics and strategies of successful remote workers, as well as the elements that hinder successfully working in a virtual position. In addition, students will examine working with other remote workers, high productivity, and creating healthy virtual work and personal life balance.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1- Evaluate characteristics and strategies of successful virtual workers.
- 2- Create a plan for maintaining high productivity as a virtual worker.
- 3- Develop a personal action plan for healthy, successful virtual work and personal life balance.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

1.5

Maximum Credit Units

1.5

Total Course In-Class (Contact) Hours

27.0

Course in class (contact) hours

Lecture Hours

27.0

Lab Hours

0.0

Activity Hours

0.0

BUS-097 Leading Virtual Teams

Units: 1.5

[Print Page](#)

[Back to department listing](#)

Description:

This course provides students with an opportunity to learn how to establish and lead effective virtual teams. In this course, students will discover the characteristics and skills of effective virtual team members, as well as the elements needed to establish a successful virtual team culture. Students will also learn how to create a virtual team structure and run virtual team meetings.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1- Analyze characteristics and skills of effective virtual team members.
- 2-Identify the elements for establishing a successful virtual team culture.
- 3- Devise an action plan for creating a virtual team structure including meetings, reporting, authority, and responsibility.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

1.5

Maximum Credit Units

1.5

Total Course In-Class (Contact) Hours

27.0

Course in class (contact) hours**Lecture Hours**

27.0

Lab Hours

0.0

Activity Hours

0.0

BUS-098 Independent Study in Business

Units: 0.5-3.0

[Print Page](#)

[Back to department listing](#)

Description:

Provides students an opportunity to design and pursue their own interests within a particular area. Projects reflecting cultural diversity and/or societal issues will be greatly encouraged. A contract must be drawn between the student and the instructor stipulating the goals of the independent study,

the content, the method of approach, the estimated time involved, and the periodic evaluation to be used.

Requisites:

None

Course Note:

Submission of acceptable educational contract to department and Instruction Office is required.

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- Meet outcomes as specified in the approved Application for Independent Study.
- Gain knowledge and skill through the successful completion of an independent study course.
- Demonstrate and/or apply independent academic learning skills.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

0.5

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

162.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

162.0

Activity Hours

0.0

BUS-129 Advanced Computer Assisted Accounting & Certification- QuickBooks

Units: 1.0

[Print Page](#)

[Back to department listing](#)

Description:

An advanced, hands-on, computerized accounting course that builds on the skills and knowledge learned in the Business 185 Computerized Accounting w/QuickBooks course. This course includes customization of QuickBooks accounting functions including project tracking, list management, and QuickBooks desktop and online apps. The course concludes with a capstone “Intuit QuickBooks Certification Exam” and an official Intuit QuickBooks Certification and Certified User Digital Badge upon successful QuickBooks exam completion.

Requisites:**Prerequisite**

[BUS185 - Computer Assisted Accounting-Quickbooks](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO #1: Understand the process, risks, and benefits of extending functionality through Quickbooks apps.
- CSLO #2: Utilize list management and project tracking functions including customization for different purposes.
- CSLO #3 Demonstrate proficiency by successfully executing various bookkeeping and accounting functions using the QuickBooks program resulting in an Intuit QuickBooks Certification.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

1.0

Maximum Credit Units

1.0

Total Course In-Class (Contact) Hours

24.0

Course in class (contact) hours

Lecture Hours

18.0

Lab Hours

6.0

Activity Hours

0.0

BUS-018 Introduction to Excel

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

Business 18 is a hands-on, performance-based, skills development spreadsheet course that covers fundamental MS Excel features and functions in the Windows environment. Students will produce business reports, financial statements, budgets, payroll, graphs, etc.) The class emphasizes spreadsheet design, data analysis for decision-making, and the use of Excel as a problem-solving tool for a variety of business applications in various industries. Students will learn to create a variety of professional spreadsheets, will develop their problem-solving and decision-making skills and will increase their MS Windows file management proficiency. This course prepares students for intermediate level instruction, will give them the skills to use Excel in a variety of college-level courses, and prepares them for entry-level employment opportunities. This class is one of the required courses for the career pathway Business Information Worker Level I Certificate.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Employ MS Excel spreadsheet technology skills to create and format professional financial documents required to succeed in a modern business environment. (PSLO 5)
- 2. Apply critical thinking skills to research, analyze, and synthesize appropriate information to construct a solution to a business problem using MS Excel as the primary decision-making tool. (PSLO 1)
- 3. Complete an MS Excel pre-employment proficiency assessment to qualify for an entry-level position in business. (PSLO 6)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

72.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

18.0

Activity Hours

0.0

BUS-035A Microsoft Word

Units: 1.5

[Print Page](#)

[Back to department listing](#)

Description:

Business 35A is a skills/performance-based 1.5-unit class that focuses on Microsoft Word. Word is one of the most commonly used programs that help you create letters, reports, research papers, newsletters, brochures, and other types of documents. You will be given the opportunity to explore the basic and intermediate features of MS Word including creating, editing, and formatting letters, memos, reports and other documents; enhancing documents with pictures, WordArt, and SmartArt graphics; organizing text into tables and columns; merging documents to create labels, envelopes, and mass mailings; working with templates, styles and charts to make your job easier, and much more. Students are expected to have basic computer technology and Windows skills.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO #1: Use Microsoft Word's features and functions to create, edit, format and/or enhance printed letters, memos, reports, flyers, brochures, and newsletters. (PSLO 2, 4, 5)
- CSLO #2: Analyze a given set of data and plan, research, organize and create effective MS Word documents utilizing the most appropriate software tools. (PSLOs 2, 4, 5)
- CSLO #3: Demonstrate their proficiency in Microsoft Word to obtain an entry-level position in business. (PSLO 1)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

1.5

Maximum Credit Units

1.5

Total Course In-Class (Contact) Hours

45.0

Course in class (contact) hours

Lecture Hours

18.0

Lab Hours

27.0

Activity Hours

0.0

BUS-035 Microsoft Office

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

Business 35 is a skills/performance-based class that provides the student the opportunity to learn the basic and intermediate features of word processing; spreadsheet and graphic presentation software to solve common business problems, and to create common business and personal documents. The Microsoft Office Suite which includes Word, Excel, and PowerPoint, is one of the most commonly used software tools used by American businesses today.

Requisites:

Advisory

[BUS018 - Introduction to Excel](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Select and use the appropriate software application to construct, edit, and format documents appropriate for a business or personal environment. (PSLOs 1, 2, 5)
- 2. Use Microsoft Word's features and functions to create and edit memos, letters, and reports. (PSLOs 1, 2, 5)

- 3. Use Microsoft Excel's features and functions to create and edit budgets, sales forecasts, perform what-if analyses, and other financial reports. (PSLOs 1, 2, 5)
- 4. Use Microsoft PowerPoint's features and functions to create and edit printed and on-screen slides, speaker notes, audience handouts, and/or outlines. (PSLOs 1, 2, 5)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

72.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

18.0

Activity Hours

0.0

BUS-027 Small Business Management

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course combines theory with the practical 'real world' aspects of the organization, planning, operation, and management of small business in the American Free Enterprise System. The course is designed for students who (1) have an idea for a new venture and have assessed its feasibility or, (2) are now involved in managing a small business and would like to expand the business or, (3) are involved in managing a department/division of an existing medium to large sized enterprise. In this course, emphasis is placed on managing a business or department through careful planning. Students will write a business plan, and learn how the plan can be used to manage a business or department/division.

Requisites:**Advisory**

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Create a business plan and explain its components. (PSLO 2, PSLO 4)
- 2. Define and apply small business management and operations principles. (PSLO 4)
- 3. Use critical thinking skills to research, analyze, and synthesize relevant information required to manage a small business. (PSLO 2, PSLO 4)

Grade Options:

- Pass/No Pass (P/NP)

- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

BUS-019 Intermediate MS Excel

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This Intermediate Excel course is a hands-on, performance-based, skills development class that provides students with the opportunity to learn how to use MS Excel intermediate to advanced level functions, formulas and features such as PivotTables, Pivot Charts, and other data analysis tools. The class takes a case study approach with an emphasis on good spreadsheet planning and design. Students will develop their critical-thinking and decision-making skills and learn to use Excel as a problem-solving tool for a variety of business applications in various industries.

Requisites:**Advisory**

[BUS109 - Introduction to Business](#)

Advisory

[BUS035 - Microsoft Office](#)

Advisory

[BUS018 - Introduction to Excel](#)

Advisory

or fundamental math skills, knowledge of basic business functions/processes, AND fundamental Excel skills

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Using a case study approach, students will analyze practical financial business problems requiring research, critical thinking skills, and Excel to solve. (PSLO 1)
- 2. Create well planned, well designed spreadsheets. (PSLO 5)
- 3. Use Microsoft Excel's intermediate features and functions to efficiently create, edit, and format spreadsheets that leads to better business decision-making. (PSLO 5)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

72.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

18.0

Activity Hours

0.0

BUS-186 Financial Accounting

Units: 4.0

[Print Page](#)

[Back to department listing](#)

Description:

This course explores what financial accounting is, why it is important, and how it is used by investors and creditors to make decisions. It covers the accounting information system and the recording and reporting of business transactions with a focus on the accounting cycle, the application of generally accepted accounting principles, classified financial statements, and statement analysis. Issues related to asset, liability, and equity valuation, revenue and expense recognition, cash flow, internal control and ethics are included.

Requisites:

Advisory

[BUS181 - Accounting: Applied Principles](#)

Advisory

[BUS185 - Computer Assisted Accounting-Quickbooks](#)

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:**C-ID:**

- Accounting

Comparable course: ACCT 110

Student Learning Outcomes:

- 1. Define and use financial accounting and business terminology. PSLO 3, PSLO4
- 2. Demonstrate accounting procedures by appropriately processing transactions in an accounting system. PSLO 1, PSLO 3, PSLO 4
- 3. Use accounting records to construct and analyze financial reports for internal and external users. PSLO 1, PSLO 2, PSLO3, PSLO4
- 4. Apply the basic assumptions, principles, constraints, and ethical practices of financial accounting. PSLO 1, PSLO 3, PSLO 4

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

4.0

Maximum Credit Units

4.0

Total Course In-Class (Contact) Hours

72.0

Course in class (contact) hours

Lecture Hours

72.0

Lab Hours

0.0

Activity Hours

0.0

BUS-036 Intermediate Microsoft Office

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

Business 36 is a hands-on, performance-based, skills development class that provides students with the opportunity to learn to use the Microsoft Windows operating system, the MS Outlook email/personal information management software, and the MS Access relational database management system. Students will increase their MS Windows file management proficiency. They will learn how to communicate/manage email, use the calendar for scheduling, manage contacts, create tasks/notes, as well as how to customize and integrate Outlook components. Students will learn how to customize and maintain Outlook and Windows. This course also teaches fundamental MS Access features and functions. Students will learn how to use MS Access to capture, organize, store, maintain, track, retrieve, sort, and print, business data, and how to report and present business information. Students will learn to create, modify and manage database tables that are organized, accurate and up to date. They will learn to perform database queries and create forms and reports that will assist decision making and help make analyzing business data more efficient and effective.

Students will learn the differences between MS Excel, MS Access, and MS SharePoint and how to decide when to best use each software productivity tool.

Requisites:

Advisory

[BUS018 - Introduction to Excel](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Use Microsoft Access to create, modify, and manage database tables, perform Access queries to assist with business decision-making, create and format Access forms to capture data, create Access reports to present data or information. (PSLO 5)
- 2. Use MS Outlook to manage email, maintain a calendar, schedule meetings, and manage contacts. (PSLO 5)
- 3. Use MS Windows to manage/maintain files in a logical/organized manner for fast, efficient document retrieval in a customized MS Windows environment. (PSLO 5)
- 4. Demonstrate the fundamental MS Access knowledge and skills necessary for an entry-level business office position. (PSLO 6)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

72.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

18.0

Activity Hours

0.0

BUS-160 Personal Finance

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This is an introductory personal finance course designed to help students become financially literate, and to learn decision-making strategies integral in controlling one's financial destiny. The course covers the following topics: steps in building a personal financial plan; goal setting; budgeting; evaluating financial institution services; consumer credit; life's major purchases; insurance types, needs and products; investing basics, equity and debt vehicles; income tax strategies; and retirement and estate planning.

Requisites:

Advisory

ENGL100 - College Composition

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Define and use personal finance terminology and concepts. PSLO 2, PSLO 3, PSLO, 4
- 2. Use personal finance concepts and tools to assess and analyze one's financial position. PSLO 2, PSLO 3
- 3. Develop financial goals, strategies, and a personal financial plan. PSLO 2, PSLO 3.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

72.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

18.0

Activity Hours

0.0

BUS-187 Managerial Accounting

Units: 4.0

[Print Page](#)

[Back to department listing](#)

Description:

This course continues the study of accounting theory with special emphasis on the types of accounting information used by managers, sources of information, and how managers use this information to make business decisions. Topics include cost systems, the analysis and use of cost information, cost-volume-profit analysis, contribution margin, profit planning, standard costs, capital budgeting, and statement analysis.

Requisites:

Advisory

[MATH012 - Prealgebra](#)

Advisory

[ENGL100 - College Composition](#)

Prerequisite

[BUS186 - Financial Accounting](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

C-ID:

- Accounting

Comparable course: ACCT 120

Student Learning Outcomes:

- 1. Define and use managerial accounting and business terminology. PSLO 3, PSLO 4
- 2. Analyze financial information and construct various managerial accounting statements and reports using cost-volume-profit relationships, incremental analysis techniques, activity-based costing, and capital budgeting methods. PSLO 1, PSLO 2, PSLO 3, PSLO 4
- 3. Prepare the master budget, flexible budgets, and responsibility accounting reports. PSLO 2, PSLO 4
- 4. Construct accounting records and reports for job-order and process product costing systems. PSLO 2, PSLO 4

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

4.0

Maximum Credit Units

4.0

Total Course In-Class (Contact) Hours

72.0

Course in class (contact) hours

Lecture Hours

72.0

Lab Hours

0.0

Activity Hours

0.0

BUS-035B Microsoft Excel

Units: 1.5

[Print Page](#)

[Back to department listing](#)

Description:

Business 35B is a skills/performance-based class that provides students the opportunity to learn the basic features of one of the most vital and widely used spreadsheet programs - Microsoft Excel. Students learn how to create, edit, and format common business and personal spreadsheet documents such as budgets, invoices, expense reports, balance sheets, and other basic financial reports, how to use basic math formulas/functions in Excel, and how to create basic charts.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1. Use basic Microsoft Excel's features and functions to create, format, and edit common business and personal spreadsheets. (PSLO 5)
- CSLO 2. Analyze a given set of data, and plan, research, organize, and create an Excel spreadsheet utilizing the most appropriate software tools. (PSLOs 2, 5)
- CSLO 3. Take a pre-employment proficiency test in Microsoft Excel in order to obtain an entry-level position in business. (PSLO 1)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

1.5

Maximum Credit Units

1.5

Total Course In-Class (Contact) Hours

45.0

Course in class (contact) hours

Lecture Hours

18.0

Lab Hours

27.0

Activity Hours

0.0

BUS-035C Microsoft Powerpoint

Units: 1.5

[Print Page](#)

[Back to department listing](#)

Description:

Business 35C is a skills/performance-based class that provides students the opportunity to learn the basic and intermediate features of one of the most widely used graphic presentation programs, Microsoft PowerPoint, to build professional and personal presentations easily and effectively. Students learn how to create, edit and format slideshows; enhance slides with multimedia, graphics, and animation; create and use custom templates, themes and backgrounds, and prepare presentations for various types of delivery. Students are expected to have basic computer technology and Windows skills.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO #1: Use Microsoft PowerPoint's features and functions to create, edit and format printed and on-screen slides, speaker notes, audience handouts, and/or outlines. (PSLO 5)
- CSLO #2: Analyze a given set of data, and plan, research, organize and create an effective PowerPoint presentation utilizing the most appropriate software tools. (PSLO 2, PSLO 5)
- CSLO #3: Demonstrate their proficiency in Microsoft PowerPoint to obtain an entry-level position in business. (PSLO 1)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

1.5

Maximum Credit Units

1.5

Total Course In-Class (Contact) Hours

45.0

Course in class (contact) hours

Lecture Hours

18.0

Lab Hours

27.0

Activity Hours

0.0

BUS-294 Business Law

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course includes a study of the legal environment of business and the basic principles of business law. Included are contracts, agency, employment, sales, property, forms of ownership, courts, and court procedures.

Requisites:

Advisory

[BUS109 - Introduction to Business](#)

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

C-ID:

- Business

Comparable course: BUS 120

Student Learning Outcomes:

- 1. Identify and differentiate the four major sources of American law. PSLO 2
- 2. Compare and contrast the functions of trial courts and appellate courts. PSLO 2, PSLO 4

- 3. Define tort law in comparison to criminal law, tort law's purpose, and necessary elements of an unintentional tort. PSLO 2, PSLO 4
- 4. Describe the basics of contract law including elements related to contracts that must be in writing to be enforceable. PSLO 2, PSLO 4
- 5. Analyze the duties that agents and principals owe each other, duties they owe to third parties, and how each are similar and different. PSLO 2, PSLO 4

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

BUS-059 Business Communications

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

Presents theory and practical application of effective written and oral communications; students learn to compose e-mail, letters, memos, and reports; learn to network and identify other successful job search strategies, prepare resumes and improve interviewing skills, learn to be a successful and productive team member and leader.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

C-ID:

- Business

Comparable course: BUS 115

Student Learning Outcomes:

- CSLO 1: Use critical thinking to create positive, negative, and persuasive business correspondence, business letters, reports, emails, web correspondence and documents. (PSLOs 2, 3 and 4)
- CSLO 2: Apply and explain leadership and collaboration skills to work effectively in workplace teams. (PSLO 3)
- CSLO 3: Apply and explain the communication process and its purpose on building effective employees and workplace environments. (PSLOs 3 and 4)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

BUS-058 Business English

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course emphasizes grammar, spelling, and vocabulary as applied to business communication. It prepares students to write and communicate effectively by developing written skills in sentence and

paragraph structures and by analyzing business e-mail, memos, letters, and other types of routine business correspondence.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Compose a variety of sentences employing business English grammar, punctuation, and spelling rules.(PSLO 4)
- 2. Identify and correct grammar, punctuation, and spelling errors in ordinary business correspondence. (PSLO 2, 3)
- 3. Correctly spell, define, and use common business terms (PSLO 4)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

BUS-181 Accounting: Applied Principles

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

Application of the basic accounting language and system to the records of personal services and retail businesses; emphasis on the use of journals, ledgers and financial statements. Appropriate for students preparing for employment in business occupations. Applies toward real estate brokers' license and certificate in small business operations.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Define and use financial accounting and business terminology from a mechanics perspective (PSLO 2)
- CSLO 2: Analyze information from source documents and narratives and record in the proper accounting records the typical types of financial transactions encountered daily by a for profit business. (PSLO 2)
- CLSO 3: Synthesize the information posted in the ledgers by constructing financial reports and statements. (PSLO 2)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

72.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

18.0

Activity Hours

0.0

BUS-109 Introduction to Business

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

A contemporary overview of major topics and main fields in business: marketing, managing, accounting, law, entrepreneurship, international trade, information and risk management. Builds a strong foundation for students to take more advanced business classes as well as provides a broad overview of how the fields are interconnected. The course places these activities within the context of the legal requirements, historical forces, cultural values, ethical considerations, economic systems and social forces of various business regions of the world.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Advisory

[BUS018 - Introduction to Excel](#)

Advisory

[BUS035C - Microsoft Powerpoint](#)

Advisory

[BUS035 - Microsoft Office](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

C-ID:

- Business

Comparable course: BUS 110

Student Learning Outcomes:

- CSLO #1: Define and use business terminology. (PSLO #3)
- CSLO #2: Apply business communication skills (written and/or oral) by appropriately using terminology and business language. (PSLO #3)
- CSLO #3: Use critical thinking to research, analyze and synthesize information to solve common business problems. (PSLO #2)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

BUS-091 Managing and Working in a Diverse Workplace

Units: 1.5

[Print Page](#)

[Back to department listing](#)

Description:

The primary goal of the course is to enhance student's awareness and understanding of workplace diversity issues thereby increasing their ability to live and work in an increasingly complex and diverse 21st-century global environment. The students are taught to recognize that everyone has learned different cultural values which leads them to different world views and causes them to approach problems in very different ways. This course will help students learn how important it is to respect the dimensions that shape people's values, experiences, and behavior in the workplace and help them to value the diversity of ideas that come from those differences. Students will learn to identify their own biases and the things that keep them from fully embracing the diversity that exists in the workplace enabling them to develop an action plan that can help them to achieve positive change.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1 Describe the diversity of the American workforce and explain the importance of learning to successfully manage and work in an increasingly diverse workplace. (PSLO 3)
- CSLO 2 Identify personal biases and problems with ones' own intercultural communication style. (PSLO 3)
- CSLO 3 Create an Action Plan to improve one's ability to work in a diverse workplace (PSLO 3)

Grade Options:

- Pass/No Pass (P/NP)

Toggle

Units and Hours**Minimum Credit Units**

1.5

Maximum Credit Units

1.5

Total Course In-Class (Contact) Hours

27.0

Course in class (contact) hours

Lecture Hours

27.0

Lab Hours

0.0

Activity Hours

0.0

BUS-092 Business Ethics

Units: 1.5

[Print Page](#)

[Back to department listing](#)

Description:

A primary goal of this course is to help students define ethics, recognize the characteristics of an ethical organization and identify what it means to be an ethical employee. Students think through ethical issues that arise in the workplace and identify methods that they can employ as individuals to facilitate ethical organizational change.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1 Identify characteristics of ethical organizations, employees and the importance of both (PSLO 2)
- CSLO 2 Recognize unethical businesses practices and devise effective solutions to these complex problems (PSLO 2)
- CSLO 3 Determine how to achieve ethical change and create an action plan for change (PSLO 2)

Grade Options:

- Pass/No Pass (P/NP)

Toggle

Units and Hours

Minimum Credit Units

1.5

Maximum Credit Units

1.5

Total Course In-Class (Contact) Hours

27.0

Course in class (contact) hours

Lecture Hours

27.0

Lab Hours

0.0

Activity Hours

0.0

BUS-093 Dealing With Difficult People

Units: 1.5

[Print Page](#)

[Back to department listing](#)

Description:

In this class, students explore why 'difficult' people act the way they do, and learn strategies for getting along and communicating tactfully with the 'difficult' people they encounter in the workplace. They will learn how to identify different personality types and why some personality types may be difficult for them to work with peacefully. Emphasis is placed on helping students recognize that often they are the 'difficult' person in the workplace. Students learn that dealing with 'difficult' people leads to conflict, then they learn conflict resolution techniques, and develop skills to constructively manage conflict in today's diverse and increasingly complex workplace.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1 Identify sources of conflict and apply conflict resolution strategies (PSLO 3)
- CSLO 2 Recognize why “difficult people” are difficult and describe constructive responses (PSLO 3)
- CSLO 3 Develop an action plan to constructively handle conflict (PSLO 3)

Grade Options:

- Pass/No Pass (P/NP)

Toggle

Units and Hours**Minimum Credit Units**

1.5

Maximum Credit Units

1.5

Total Course In-Class (Contact) Hours

27.0

Course in class (contact) hours**Lecture Hours**

27.0

Lab Hours

0.0

Activity Hours

0.0

BUS-095 Developing Customer Service Satisfaction

Units: 1.5

[Print Page](#)

[Back to department listing](#)

Description:

The class is designed to provide students with skills, strategies, and techniques that will help them handle customers professionally, tactfully, and diplomatically. Real-life situations are discussed and analyzed to enhance students' knowledge and increase their ability to achieve success in a modern, service-oriented workplace.

Requisites:**Advisory**

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1 - Identify ways to assess the needs of customers and handle customer service problems
- CSLO 2 - Develop a personal action plan to improve customer service skills

Grade Options:

- Pass/No Pass (P/NP)

Toggle

Units and Hours**Minimum Credit Units**

1.5

Maximum Credit Units

1.5

Total Course In-Class (Contact) Hours

27.0

Course in class (contact) hours

Lecture Hours

27.0

Lab Hours

0.0

Activity Hours

0.0

BUS-096 Time Management and Goal Setting

Units: 1.5

[Print Page](#)

[Back to department listing](#)

Description:

The primary goal of this course is to help students set goals, and recognize and apply time management principles and techniques. Students analyze their professional and personal commitments and identify methods that they can utilize to facilitate change and improvement.

Requisites:**Advisory**

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1 Identify characteristics of effective time management techniques and principles (PSLO 2)
- CSLO 2 Recognize and apply appropriate goal setting practices in order to set and attain time specific goals. (PSLO 2)
- CSLO 3 Determine how to achieve behavior changes through by creating an action plan for change (PSLO 2)

Grade Options:

- Pass/No Pass (P/NP)

Toggle

Units and Hours**Minimum Credit Units**

1.5

Maximum Credit Units

1.5

Total Course In-Class (Contact) Hours

27.0

Course in class (contact) hours

Lecture Hours

27.0

Lab Hours

0.0

Activity Hours

0.0

BUS-052 Introduction to Entrepreneurship

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course allows students to develop an understanding of the complex tasks faced by individuals engaged in entrepreneurial activities. The course identifies the methods for developing a business idea, the key aspects of creating a business plan, how to acquire resources and how to start a business.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Advisory

[BUS109 - Introduction to Business](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO #1: Create a feasibility study for a business or product idea and be able to pitch that idea.
- CSLO #2: Identify entrepreneurship traits and behaviors of entrepreneurs
- CSLO #3: Identify the broad/conceptual steps of starting a business including possible competitive advantages for entrepreneurial firms.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours**Lecture Hours**

54.0

Lab Hours

0.0

Activity Hours

0.0

BUS-185 Computer Assisted Accounting-Quickbooks

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

A hands-on, computerized course that introduces students to computerized accounting and the QuickBooks accounting program. Includes setting up a new organization's books, recording journal entries throughout the accounting cycle; invoicing customers, tracking inventory, preparing payroll, completing bank reconciliation's, generating subsidiary ledgers, creating trial balances, and preparing financial statements within a computerized system.

Requisites:

Advisory

[BUS018 - Introduction to Excel](#)

Advisory

[BUS186 - Financial Accounting](#)

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Use proper accounting terminology, accounting software, and generally accepted accounting principles to analyze and record business transactions. (PSLOs 1,2,4,5)
- CSLO 2: Generate computerized accounting reports such as financial statements and comparative analysis reports. (PSLOs 1,2,5)

- CSLO 3: Assess correctness of accounting reports for use in communicating and determining an organization's financial standing. (PSLO 2)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

90.0

Course in class (contact) hours

Lecture Hours

36.0

Lab Hours

54.0

Activity Hours

0.0

BUS-180 Internship in Business

Units: 1.0-4.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is for students who have declared a major, have taken classes in the major, and are ready for on-the-job experience in a paid or unpaid position. An internship involves working in a skilled or professional level assignment in the area of a student's vocational or academic major or field of interest. Students, with faculty and employer approval, will apply college-acquired knowledge, skills and abilities as well as acquire new learning to prepare for a career in their chosen field. Students must work 75 paid hours or 60 non-paid hours for each unit of credit earned. Students may earn a maximum of 16 units of occupational work experience internship during community college attendance which may be applied as electives toward graduation. 12 units are transferable to CSU.

Requisites:

None

Course Note:

Work Experience Education Requirements

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

Section 55253. College Credit and Repetition The amendment to Title 5 created an exception to the general rule for repetition of activity courses to allow students to take the full number of units of cooperative work experience, which would otherwise be allowed. (b) If a college offers only one course in occupational work experience in a given field and that course is not offered as a variable unit open entry/open-exit course, the district policy on course repetition adopted pursuant to section 55040 may permit a student to repeat that course any number of times so long as the student does not exceed the limits on the number of units of cooperative work experience education set forth in subdivision (a). Consistent with section 58161, attendance of a student repeating a cooperative work experience course pursuant to this subdivision may be claimed for state apportionment.

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Apply professionalism and work ethic skills including personal accountability, work habits, punctuality, working productively with others, and managing time and work load.
- CSLO 2: Work in collaborative relationships with colleagues and customers and be able to work with diverse teams, negotiate, and manage conflicts.
- CSLO 3: Apply critical thinking and problem solving skills by using sound reasoning and analytical thinking as well as using knowledge, facts, and data to solve workplace problems.

- CSLO 4: Communicate thoughts and ideas clearly and effectively using public speaking skills and the ability to write clearly and effectively.
- CSLO 5: Utilize, under direct supervision, knowledge, skills and abilities acquired during prior or concurrent college course work directly related to work place responsibilities by applying appropriate Course-Level Student Learning Outcomes from a college course to the internship.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

1.0

Maximum Credit Units

4.0

Total Course In-Class (Contact) Hours

300.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

300.0

Activity Hours

0.0

BUS-170 Occupational Work Experience Education In Business

Units: 4.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is for students whose work is related to their major. Occupational Work Experience Education provides students with opportunities to develop marketable skills in preparation for employment or advancement within their current job. To participate in cooperative work experience education, students must be employed or formally volunteer and undertake new or expanded responsibilities. Students, with faculty and employer approval, will develop and successfully complete one learning objective for each unit of credit in which they enroll. Additionally, students must work 75 paid hours or 60 non-paid hours for each unit of credit earned. Students may earn up to 8 units per semester and may repeat for a maximum of 16 units of occupational work experience during community college attendance which may be applied as electives toward graduation.

Requisites:

None

Course Note:

Work Experience Education Requirements

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

Section 55253. College Credit and Repetition The amendment to Title 5 created an exception to the general rule for repetition of activity courses to allow students to take the full number of units of cooperative work experience, which would otherwise be allowed. (b) If a college offers only one course in occupational work experience in a given field and that course is not offered as a variable unit open entry/open-exit course, the district policy on course repetition adopted pursuant to section 55040 may permit a student to repeat that course any number of times so long as the student does not exceed the limits on the number of units of cooperative work experience education set forth in subdivision (a). Consistent with section 58161, attendance of a student repeating a cooperative work experience course pursuant to this subdivision may be claimed for state apportionment.

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Apply professionalism and work ethic skills including personal accountability, work habits, punctuality, working productively with others, and managing time and work load.

- CSLO 2: Work in collaborative relationships with colleagues and customers and be able to work with diverse teams, negotiate, and manage conflicts.
- CSLO 3: Apply critical thinking and problem solving skills by using sound reasoning and analytical thinking as well as using knowledge, facts, and data to solve workplace problems.
- CSLO 4: Communicate thoughts and ideas clearly and effectively using public speaking skills and the ability to write clearly and effectively
- CSLO 5: Utilize, under direct supervision, knowledge, skills and abilities acquired during prior or concurrent college course work directly related to workplace responsibilities by applying appropriate Course-Level Student Learning Outcomes from a college course to the student's place of employment.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

0.0

Maximum Credit Units

4.0

Total Course In-Class (Contact) Hours

300.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

300.0

Activity Hours

0.0

BUS-056 Electronics Records Management with MS Access

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course introduces students to the very complex field of managing electronic records and database management. Students will learn the fundamental theory, concepts, and procedures required to design, develop and maintain an electronic record keeping system. The course begins with learning terminology and fundamental filing systems through the actual creation of a database management system. Students will learn how a proper records management system can legally protect a business. The course will cover the Association of Records Management Associations' (ARMA) Generally Accepted Record keeping Principles, data retention scheduling, filing/storage/back-up methods, document imaging processes, records protection and disposal methods, development of records and information management plans/policies, developing a records management training plan, E-mail management guidelines and emerging trends in records management. Using a case study approach that presents a real-world record keeping problem, students will combine records and information management theory with MS Access relational database expertise to plan, design, and create a MS Access database that solves a problem that is presented in a case study business scenario.

Requisites:

Advisory

[BUS035 - Microsoft Office](#)

Advisory

familiarity w/MS Access **Advisory**

[BUS109 - Introduction to Business](#)

Advisory

or familiarity with major functional areas of business organizations

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Describe the components of an electronic recordkeeping system. (PSLO 6)
- 2. Using a Case Study, Team-Based Approach, students will collaboratively analyze and discuss information management challenges to plan and design a database management system that solves recordkeeping problems in various business areas. (PSLO 1)
- 3. Demonstrate the fundamental knowledge and skills necessary to use Microsoft Access to create, modify, and manage database tables, queries, forms, and reports to organize and present business records in a properly designed, well maintained database management system and ensure the data is accurate, secure, and up to date. (PSLO 5)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

72.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

18.0

Activity Hours

0.0

Chemistry

Program Information

Degree(s) and/or certificates and courses listed below.

Degrees and Certificates

[Chemistry Associate in Science for Transfer Degree \(AST\)](#)

Course Information

[CHEM006 - Introduction to Inorganic and Physical Chemistry](#)
[CHEM007 - Introduction to General, Organic and Biochemistry](#)
[CHEM025 - General College Chemistry I](#)
[CHEM026 - General College Chemistry II](#)
[CHEM028 - Organic Chemistry](#)
[CHEM029 - Organic Chemistry](#)
[CHEM098 - Independent Study in Chemistry](#)

[Back to department listing](#)

Chemistry Associate in Science for Transfer Degree (AST)

A.S. Degree for Transfer

[Print Page](#)

[Back to department listing](#)

Units:

60 units

The Associate in Science in Chemistry for Transfer Degree is designed for students desiring advanced degrees in Chemistry. The Los Medanos College Chemistry courses meet the lower division transfer requirements for Chemistry. The curriculum includes the first and second year requirements to prepare students to transfer and study at a California State University. Transferring and completing a baccalaureate degree in Chemistry can lead to careers as agricultural and food scientists; chemists and materials scientists; elementary, middle, and high school teachers; environmental scientists; forensic scientists; materials engineers; occupational health and safety specialists; research technicians; government laboratory technicians; medical technicians; petroleum chemists; pharmacists; scientific writers and/or artists. To earn the Associate Degree for Transfer: 1. Completion of 60 semester units or 90 quarter units of degree-applicable courses, 2. Minimum overall grade point average of 2.0, 3. Minimum grade of "C" (or "P") for each course in the major, and 4. Completion of IGETC and/or CSU GE-Breadth Certain ADTs are based on completion of

IGETC for STEM or CSU GE-Breadth for STEM. LMC students must follow and complete IGETC for STEM in order to achieve the Associate in Science in Chemistry for Transfer Degree.

Toggle

Program Learning Outcomes

- 1. Demonstrated a mastery of a broad set of chemical knowledge concerning the fundamentals in the basic areas of analytical, inorganic, organic, and physical chemistry.
- 2. Solved problems by applying a comprehensive understanding of chemistry. Such types of chemistry problems include those concerning the atomic and molecular structure of matter, the periodic table plus quantum mechanics, stoichiometry (including those complicated by the presence of limiting reagents), and the principles of thermodynamics and kinetics (involving the principles of equilibrium, energy and entropy changes, as well as rates and mechanisms of chemical reactions).
- 3. Demonstrated proficiency in basic chemical laboratory skills, in the operation and interpretation of data from chemical instrumentation and measurement, and in the safe chemical practices in the laboratory, including waste handling and safety equipment.

Toggle

Program Requirements

A.S. Degree for Transfer

Required Courses

Required Courses for Major (Total 36)

Complete all of the following

[CHEM025 - General College Chemistry I](#) 5

[CHEM026 - General College Chemistry II](#) 5

[CHEM028 - Organic Chemistry](#) 5

[CHEM029 - Organic Chemistry](#) 5

[MATH210 - Calculus and Analytic Geometry I](#) 4

[MATH220 - Calculus and Analytic Geometry II](#) 4

[PHYS040 - Physics for Scientists and Engineers I](#) 4

[PHYS041 - Physics for Scientists and Engineers II](#) 4

CHEM-006 Introduction to Inorganic and Physical Chemistry

Units: 4.0

[Print Page](#)

[Back to department listing](#)

Description:

An introduction to inorganic chemistry and physical concepts relevant to chemistry, focused toward the understanding of structure and properties of matter. Topics include scientific measurements, metric units, unit conversions, atomic structure, naming chemical compounds, types of chemical reactions, chemical formulas, mole, stoichiometry, chemical bonding, gases, solutions and acid-base chemistry.

Requisites:**Prerequisite**

Elementary algebra or higher; eligibility for transfer-level mathematics

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:**CSU - General Education - Breadth Requirements:**

- Area B1: Physical Science
- Area B3: Laboratory Activity

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 5A: Physical Science
- Area 5C: Laboratory

LMC Standard AA/AS - General Education Requirements:

- NS: Natural Sciences

C-ID:

- Chemistry

Comparable course: CHEM 101

Student Learning Outcomes:

- CSLO 1: Solve a variety of qualitative and quantitative problems dealing with chemical concepts such as the naming of compounds, ionic and covalent bonds, and the properties of gases. (PSLO 1, 2)
- CSLO 2: Apply an understanding of stoichiometry (the calculation of the quantities of reactants and products in a chemical reaction) to solve problems involving chemical reactions, including those complicated by the presence of limiting reagents. (PSLO 1, 2)
- CSLO 3: Perform laboratory analyses of compounds using qualitative and quantitative methods, including the use of electrochemical and spectrometric instruments. (PSLO 3) (GESLO 6)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

4.0

Maximum Credit Units

4.0

Total Course In-Class (Contact) Hours

126.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

72.0

Activity Hours

0.0

CHEM-007 Introduction to General, Organic and Biochemistry

Units: 4.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is a one-semester survey of the principles of general, organic, and biochemistry. Satisfies the chemistry prerequisite of health career programs requiring only one semester of chemistry, including Kinesiology and most nursing programs at CSUs and four-year colleges. It is one option to fulfill the chemistry prerequisite for LMC Microbiology (BIOSC-050).

Requisites:

Prerequisite

Elementary algebra or higher or eligibility for transfer-level mathematics

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

CSU - General Education - Breadth Requirements:

- Area B1: Physical Science
- Area B3: Laboratory Activity

LMC Local AA/AS - General Education Requirements:

- NS: Natural Sciences

Student Learning Outcomes:

- CSLO 1: Describe and explain the structure of matter, from the sub-atomic through the molecular level, with emphasis on nuclear transmutations, chemical bonding, states of matter, and physical properties. (PSLO 1, 2) (GESLO 6)

- CSLO 2: Recognize the organic classes commonly found in biological molecules, predict their reactivity, and explain the structure and function of biological systems from chemical and physical perspectives. (PSLO 1, 2)
- CSLO 3: Describe the major metabolic pathways, relating them to principles of nutrition, disease, and pharmacology. (PSLO 1)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

4.0

Maximum Credit Units

4.0

Total Course In-Class (Contact) Hours

126.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

72.0

Activity Hours

0.0

CHEM-025 General College Chemistry I

Units: 5.0

[Print Page](#)

[Back to department listing](#)

Description:

Chemistry 25 is the first semester of a one-year sequence focused on the fundamental principles of chemistry for students in chemistry, biochemistry, engineering, life science, physics, pre-dental, and pre-medical programs that require a minimum of one semester or one year of general chemistry. Students will gain knowledge in the foundations of atomic and molecular structure, nomenclature, physical and chemical changes of matter, fundamentals of chemical reactivity, chemical bonding, thermochemistry and the properties of gases. Throughout the course, skills in critical thinking, problem-solving, analysis skills, and effective learning will be developed.

Requisites:

Prerequisite

[CHEM006 - Introduction to Inorganic and Physical Chemistry](#)

Prerequisite

and Intermediate Algebra or higher; eligibility for transfer-level mathematics

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

CSU - General Education - Breadth Requirements:

- Area B1: Physical Science
- Area B3: Laboratory Activity

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 5A: Physical Science
- Area 5C: Laboratory

C-ID:

- Chemistry

Comparable course: CHEM 110
CHEM 120S

LMC Local AA/AS - General Education Requirements:

- NS: Natural Sciences

Student Learning Outcomes:

- CSLO 1: Solve a variety of qualitative and quantitative problems dealing with chemical concepts such as nomenclature, chemical reactions and their energies & properties and state of matter. Integrate multiple ideas incorporating these concepts in problem solving. (PSLO 1,2)
- CSLO 2: Apply the quantum mechanical model of the atom and trends of the periodic table to solve problems dealing with atomic and molecular structure and properties of elements & compounds. (PSLO 1,2) (GESLO 6)
- CSLO 3: Perform laboratory analyses of substances incorporating safety procedures using qualitative and quantitative methods with standard laboratory equipment and techniques. (PSLO 3)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours**Minimum Credit Units**

5.0

Maximum Credit Units

5.0

Total Course In-Class (Contact) Hours

162.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

108.0

Activity Hours

0.0

CHEM-026 General College Chemistry II

Units: 5.0

[Print Page](#)

[Back to department listing](#)

Description:

CHEM-026 is the second semester of a one-year course and fulfills the general chemistry requirement for students in chemistry, biochemistry, engineering, life science, physics, pre-dental, and pre-medical programs. Topics include solutions, colligative properties, equilibrium, acids and bases, kinetics, thermodynamics, electrochemistry, coordination chemistry, nuclear, organic, and biological chemistry. Laboratory emphasizes quantitative techniques, including instrumentation, and qualitative analysis.

Requisites:

Prerequisite

[CHEM025 - General College Chemistry I](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

CSU - General Education - Breadth Requirements:

- Area B1: Physical Science
- Area B3: Laboratory Activity

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 5A: Physical Science
- Area 5C: Laboratory

C-ID:

- Chemistry

Comparable course: CHEM 120S

LMC Local AA/AS - General Education Requirements:

- NS: Natural Sciences

Student Learning Outcomes:

- CSLO 1: Solve a variety of qualitative and quantitative problems dealing with the chemical concepts such as the physical chemistry of solutions, chemical equilibria, and redox reactions. (PSLO 1 & 2, GESLO 5 & 6)
- CSLO 2: Apply the laws of thermodynamics and an understanding of chemical kinetics to solve problems dealing with energy, entropy, and rates of reactions. (PSLO 1 & 2, GESLO 6)
- CSLO 3: Perform laboratory analyses of substances incorporating safety procedures using qualitative and quantitative methods with standard laboratory equipment and techniques. (PSLO 3, GESLO 5 & 6)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

5.0

Maximum Credit Units

5.0

Total Course In-Class (Contact) Hours

162.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

108.0

Activity Hours

0.0

CHEM-028 Organic Chemistry

Units: 5.0

[Print Page](#)

[Back to department listing](#)

Description:

CHEM-028 is a study of the physical and chemical properties of organic compounds. The principles and practice of common synthetic and analytical procedures will be introduced. This is the first semester of a two-semester organic chemistry sequence. CHEM-028 explores the chemistry of alkanes, alkenes, alkynes, and alkyl halides, along with stereochemistry and modern techniques of spectroscopy.

Requisites:

Prerequisite

[CHEM026 - General College Chemistry II](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

CSU - General Education - Breadth Requirements:

- Area B1: Physical Science
- Area B3: Laboratory Activity

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 5A: Physical Science
- Area 5C: Laboratory

LMC Local AA/AS - General Education Requirements:

- NS: Natural Sciences

C-ID:

- Chemistry

Comparable course: CHEM 150
CHEM160S

Student Learning Outcomes:

- CSLO 1: Predict the products of chemical reactions involving alkanes, alkenes, alkynes, and alkyl halides, and use this skill set to successfully outline synthetic organic sequences. (PSLO 2, 3, 4, 5)
- CSLO 2: Apply knowledge of the various types of structural and stereoisomers in order to predict and analyze the isomeric products of organic reactions. (PSLO 2, 3, 4, 5, 6, 7)
- CSLO 3: Perform laboratory analyses of compounds using modern qualitative and quantitative methods, including the use of chromatographic and spectrometric instruments. (PSLO 1, 6, 7, 8)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

5.0

Maximum Credit Units

5.0

Total Course In-Class (Contact) Hours

162.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

108.0

Activity Hours

0.0

CHEM-029 Organic Chemistry

Units: 5.0

[Print Page](#)

[Back to department listing](#)

Description:

Chemistry 29 is a study of the physical and chemical properties of organic compounds. The principles and practice of common synthetic and analytical procedures will be introduced. This is the second semester of a two-semester Organic Chemistry sequence. CHEM-029 explores the chemistry of aromatics, alcohols, ethers, aldehydes, ketones, carboxylic acids & derivatives, carbonyl substitution & condensation reactions, and selected biomolecules. The techniques of instrumental analysis that were introduced in CHEM-028 will be further explored in the context of these new organic families.

Requisites:

Prerequisite

[CHEM028 - Organic Chemistry I](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

C-ID:

- Chemistry

Comparable course: CHEM-160S

CSU - General Education - Breadth Requirements:

- Area B1: Physical Science
- Area B3: Laboratory Activity

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 5A: Physical Science
- Area 5C: Laboratory

LMC Local AA/AS - General Education Requirements:

- NS: Natural Sciences

Student Learning Outcomes:

- CSLO 1: Predict the products of chemical reactions involving aromatics, alcohols, ethers, aldehydes, ketones, carboxylic acids & derivatives, carbonyl substitution & condensation reactions, and use this skill set to successfully outline synthetic organic sequences. (PSLO 2, 3, 4, 5)
- CSLO 2: Apply the principles of thermodynamics and quantum mechanics to describe and explain the special stability and unique chemistry of aromatic compounds. (PSLO 1, 2, 4, 5, 6, 7)
- CSLO 3: Perform laboratory analyses of compounds using modern qualitative and quantitative methods, including the use of chromatographic and spectrometric instruments. (PSLO 1, 6, 7, 8)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours**Minimum Credit Units**

5.0

Maximum Credit Units

5.0

Total Course In-Class (Contact) Hours

162.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

108.0

Activity Hours

0.0

CHEM-098 Independent Study in Chemistry

Units: 0.5-3.0

[Print Page](#)

[Back to department listing](#)

Description:

Provides students an opportunity to design and pursue their own interests within a particular area. Projects reflecting cultural diversity and/or societal issues will be greatly encouraged. A contract must be drawn between the student and the instructor stipulating the goals of the independent study, the content, the method of approach, the estimated time involved, and the periodic evaluation method to be used.

Requisites:

None

Course Note:

Submission of acceptable educational contract to department and Instruction Office is required.

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- Meet outcomes as specified in the approved Application for Independent Study.
- Gain knowledge and skill through the successful completion of an independent study course.
- Demonstrate and/or apply independent academic learning skills.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

0.5

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

162.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

162.0

Activity Hours

0.0

Communication Studies**Program Information**

Degree(s) and/or certificates and courses listed below.

Degrees and Certificates

[Communication Studies Associate in Arts for Transfer Degree \(AA-T\)](#)

Course Information

[SPCH098 - Independent Study in Speech](#)
[SPCH110 - Speech Communication](#)
[SPCH120 - Argumentation and Debate](#)
[SPCH130 - Interpersonal Communication](#)
[SPCH150 - Intercultural Communication](#)
[SPCH160 - Speaking in the Community](#)
[SPCH180 - Introduction to Communication Studies](#)

[Back to department listing](#)

Communication Studies Associate in Arts for Transfer Degree (AA-T)

A.A. Degree for Transfer

[Print Page](#)

[Back to department listing](#)

Units:

60 units

The Associate in Arts in Communication Studies for Transfer degree at Los Medanos College prepares students to transfer and study at a California State University to pursue a baccalaureate degree in Communications. The AA-T in Communication Studies will introduce students to many areas of study including public speaking, argumentation and debate, intercultural communication and interpersonal communications. For example, students who successfully complete these requirements will be confident and comfortable public speakers and knowledgeable on the impact of communication theory and practice on society. To achieve the Associate in Arts in Communication Studies for Transfer degree from Los Medanos College, students must include: 1. Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University. 2. The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education – Breadth Requirements. 3. A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district. 4. Obtainment of a minimum grade point average of 2.0. 5. A grade of “C” or better in all courses required for the major or area of emphasis.

Toggle

Program Learning Outcomes

- 1) Students are academically prepared to transfer to a communication program at a four-year institution and begin upper division work in Communication.
- 2) Demonstrate the knowledge, use of concepts, and intellectual skills of an effective communicator.
- 3) Demonstrate and model how to communicate effectively with an audience in a face to face oral communication environment.

Toggle

Program Requirements

A.A. Degree for Transfer
Required Courses

Required Courses for Major (Total 18)

Complete all of the following

[SPCH110 - Speech Communication](#) 3

[SPCH120 - Argumentation and Debate](#) 3

[SPCH130 - Interpersonal Communication](#) 3

Required Courses for Major (Total 6)

Complete the following number of credits: 6

[JOURN100 - Mass Communication](#) 3

[SPCH150 - Intercultural Communication](#) 3

[SPCH160 - Forensics](#) 3

Required Course for Major (Total 3)

Complete the following number of credits: 3

[ENGL221 - Advanced Composition and Critical Thinking](#) 3

[ENGL230 - Thinking and Writing Critically about Literature](#) 3

[JOURN110 - Writing for the Media](#) 3

SPCH-098 Independent Study in Speech

Units: 0.5-3.0

[Print Page](#)

[Back to department listing](#)

Description:

Provides students an opportunity to design and pursue their own interests within a particular area. Projects reflecting cultural diversity and/or societal issues will be greatly encouraged. A contract must be drawn between the student and the instructor stipulating the goals of the independent study, the content, the method of approach, the estimated time involved, and the periodic evaluation to be

used. Minimum 1 hour per week with instructor plus 54 hours of contracted work for each unit of credit. May not be repeated.

Requisites:

None

Course Note:

Submission of acceptable educational contract to department and Instruction Office is required.

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- Meet outcomes as specified in the approved Application for Independent Study.
- Gain knowledge and skill through the successful completion of an independent study course.
- Demonstrate and/or apply independent academic learning skills.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

0.5

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

162.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

162.0

Activity Hours

0.0

SPCH-110 Speech Communication

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course covers the fundamentals of public speaking with an emphasis on: selection and research of subjects; organization and support of ideas; and development and delivery of various forms of speeches.

Requisites:**Advisory**

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:**C-ID:**

- Communication Studies

Comparable course: COMM 110

LMC Local AA/AS - General Education Requirements:

- AH: Arts and Humanities
- LR: Language and Rationality

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 1C: Oral Communication (CSU Only)

Student Learning Outcomes:

- 1. Identify barriers to effective communication, develop skills to minimize them, and apply strategies to address communication apprehension. (GESLO 1) (PSLO 1, 2, 3)
- 2. Demonstrate understanding of human communication concepts and theories and apply them in specific communication contexts. (GESLO 1) PSLO 1, 2, 3
- 3. Describe the importance of public speaking discourse in contemporary multicultural society and the ethical/political/cultural/social/psychological implications of communication. (GESLO 1) (PSLO 2, 3)
- 4. Create and deliver cohesive and effective formal presentations (research, evaluate and organize presentation materials) taking audience and communication goal into account. (GESLO 1) (PSLO 1, 2 3)
- 5. Evaluate speeches for content, organization, argument, evidence, delivery and impact of the message. (GESLO 1, 2) (PSLO 1, 2, 3)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

SPCH-120 Argumentation and Debate

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course studies the principles of argumentation theory through lecture and in class debate performances. Issues covered include the analysis of propositions, current events, evidence, advocacy, formal traditions in public policy, and critical reasoning skills. Students will perform in class debates centered around philosophical, ethical, and/or current event issues.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Advisory

[SPCH110 - Speech Communication](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:**C-ID:**

- Communication Studies

Comparable course: COMM 120

CSU - General Education - Breadth Requirements:

- Area A1: Oral Communication
- Area A3: Critical Thinking

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 1C: Oral Communication (CSU Only)

LMC Standard AA/AS - General Education Requirements:

- LR: Language and Rationality

LMC Local AA/AS - General Education Requirements:

- SB: Social and Behavioral Sciences

Student Learning Outcomes:

- 1. Identify the components of arguments and their formal function within debate and/or public discourse; apply the knowledge as a skill used in analyzing and composing cases. (PSLO 1,2,3) (GESLO 1)
- 2. Research current events, philosophical, and ethical issues and apply the research in preparation for debates and/or public discourse situations. (PSLO 1) (GESLO 1,2,4,5)
- 3. Clearly present extemporaneous oral arguments, constructively and creatively respond to challenging questions, and refute arguments from their opposition. (PSLO 1,2,3) (GESLO 1,3, 4)
- 4. Analyze and critique the preparation and performances of themselves and others in debates. (PSLO 3) (GESLO 3,4,5)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

SPCH-130 Interpersonal Communication

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course provides the student an opportunity to learn and apply, in daily life, practical principles of interpersonal communication. Content will stress psychological, social, and cultural factors which affect human interaction. It is designed to assist students in improving their own interpersonal communication skills. Attention will be given to self-reflection, perception, interpersonal dynamics, listening, conflict management, relationship development and stages, and verbal and nonverbal communication.

Requisites:

Advisory
[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

C-ID:

- Communication Studies

Comparable course: COMM 130

CSU - General Education - Breadth Requirements:

- Area D: Social Sciences

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 4G: Interdisciplinary, Social, and Behavioral Sciences

LMC Standard AA/AS - General Education Requirements:

- C. Arts & Humanities

Student Learning Outcomes:

- 1. Read critically and analyze in speaking and writing the components and principles of effective interpersonal communication (GESLO 1) (PSLO 1)
- 2. Critically analyze and apply relationship maintenance skills to interpersonal relationships. (GESLO 1, 4) (PSLO 1, 2, 3)
- 3. Examine and describe the significance and role of diverse social, multicultural and/or global perspectives in interpersonal communication. (GESLO 4) (PSLO 1, 2, 3)
- 4. Reflect and identify which aspects of their personal identity influence their interpersonal communication with others. (GESLO 1,4) (PSLO 2, 3)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

SPCH-150 Intercultural Communication

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course explores the principles of intercultural communication through lecture, group activities, and writing assignments. Some of the issues covered include: the elements of a culture, intercultural competence as a learned skill, tolerance, norms, co-cultures, the role of language in communication, historical conflicts, and global social inequities. Content and lectures will come from a multicultural perspective and require original research and readings on cultural traditions and norms.

Requisites:**Advisory**

SPCH110 - Speech Communication

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:**C-ID:**

- Communication Studies

Comparable course: COMM 150

CSU - General Education - Breadth Requirements:

- Area D: Social Sciences

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 4C: Ethnic Studies

LMC Local AA/AS - General Education Requirements:

- EM: Ethnic/Multicultural Studies

Student Learning Outcomes:

- 1. Identify the basic components of intercultural communication and use them in group discussions and informal composition to reduce effects of culture shock and ethnocentrism. (GESLO 1,3,5) PSLO 1, 2
- 2. Describe through academic research (ethnography, scholarly articles, documentaries, etc.) via a cultural exploration project the way that personal experience and standpoint determine how people experience events. (GESLO 3,4,5) PSLO 1, 2, 3
- 3. Explain the negative impact and ethical issues that intercultural communication has on our global communities and develop strategies to improve communication in our highly globalized society. (GESLO 2,3,5) PSLO 1, 2, 3

- 4. Analyze and critique the interactions and intercultural competence of themselves and others in common social situations and film. (GESLO 1,5) PSLO 1, 2, 3

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

SPCH-160 Speaking in the Community

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

In this course students will learn and practice the theory, format and structure of effective public address. Students will conduct research to prepare lectures and / or demonstrations to be presented in the community and to a variety of audiences. Students may present their work at on-campus events, local community-wide events, or at competitions including mock trial or other forensics events. Students will meet during this scheduled course time to research, prepare, deliver, evaluate, and analyze presentations; they will also need to attend and present at community and/or competitive events that occur on the weekends or in the evening.

Requisites:

Advisory

[SPCH110 - Speech Communication](#)

Advisory

[SPCH120 - Argumentation and Debate](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

C-ID:

- Communication Studies

Comparable course: COMM 160 B

Student Learning Outcomes:

- 1. Write and present speeches for community-based events and/or tournaments, competitions, or community occasions. [PSLO 1, 2; GE SLO 1]
- 2. Adapt speeches and delivery style to various audiences and speaking contexts [PSLO 1, 2, 3]
- 3. Conduct research, synthesize relevant sources, and organize speeches for audience understanding [PSLO 1, 2; GE SLO 2]

- 4. Analyze and evaluate speeches for content and performance; deliver feedback appropriate to the speech context and integrate feedback received. [PSLO 1, 3]
- 5. Take part in live public events, either community-based events and/or tournaments, competitions, or community occasions. [PSLO 1, 2, 3]
- 6. Establish and achieve personal goals for public performance delivery; develop strategies for managing communication apprehension. [PSLO 1, 2, 3; GE SLO 1]

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

SPCH-180 Introduction to Communication Studies

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

Introduction to Communication Studies will introduce the major theories in the Communication Discipline and address the applications of this theory into practice. . Theories help us “make sense” of the world we live in. Big (Grand) or small, every theory shapes how we make judgments about relationships, circumstances, decisions and reality in our lives. This class will expose you to common communication theories in attempt to assist you in understanding how communication plays a powerful role in your world. A survey of the discipline of communication studies with emphasis on multiple epistemological, theoretical, and methodological issues relevant to the systematic inquiry and pursuit of knowledge about human communication. This course explores the basic history, assumptions, principles, processes, variables, methods, and specializations of human communication as an academic field of study.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

C-ID:

- Communication Studies

Comparable course: COMM 180 in C-ID

LMC Local AA/AS - General Education Requirements:

- SB: Social and Behavioral Sciences
- AH: Arts and Humanities

CSU - General Education - Breadth Requirements:

- Area D: Social Sciences

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 4G: Interdisciplinary, Social, and Behavioral Sciences

Student Learning Outcomes:

- 1. Identify and define the vocabulary, components, and historical foundations of common communication theories. (PSLO 3)
- CSLO 2: Critically analyze, discuss and/or write about foundational communication theories, concepts and/or common communication events. (GESLO 1) (PSLO 1,2,3)
- CSLO 3: Identify and explain the cultural, social and/or contextual value, applications, and/or relevance of various theories of communication. (GESLO 1) (PSLO 1,2,3)
- CSLO 4: Demonstrate an understanding of ethical perspectives in the practice of communication. (PSLO 1,2,3)
- CSLO 5: Summarize and explain communication theories and concepts as they apply in diverse contexts, taking into account global perspectives. (PSLO 1,2,3)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours**Lecture Hours**

54.0

Lab Hours

0.0

Activity Hours

0.0

Computer Science

Program Information

Degree(s) and/or certificates and courses listed below.

Degrees and Certificates

Computer Applications Support Specialist (Advanced) Certificate of Achievement
Computer Applications Support Specialist (Basic) Certificate of Achievement
Computer Applications Support Specialist Associate of Science Degree (AS)
Computer Science Associate in Science for Transfer Degree (AST)
Foundation College Skills Certificate
Game Design College Skills Certificate
Information Technology (Advanced) Certificate of Achievement (COA)
Information Technology (Basic) Certificate of Achievement (COA)
Information Technology Associate of Science Degree (AS)
Web Design College Skills Certificate

Course Information

CNT037 - Help Desk Customer Technical Support
CNT061 - Advanced Microcomputer Applications
COMSC010 - Computer Network Fundamentals
COMSC011 - Systems and Network Administration
COMSC012 - Introduction to Information Systems Security
COMSC030 - Web Site Development- Part I
COMSC031 - Web Site Development- Part II
COMSC032 - Web Site Development- Dreamweaver/Flash
COMSC040 - Introduction to Computer and Information Systems
COMSC044 - Introduction to C++ Programming
COMSC051 - Java for Programmers
COMSC060 - Information Technologies
COMSC091 - Information & Communication Technology Essentials
COMSC098 - Independent Study in Computer Science
COMSC110 - Gaming: An Introduction
COMSC111 - Gaming: Beginning Illustration And Storyboarding
COMSC112 - Gaming: Beginning Game Design
COMSC120 - Computer Forensics Fundamentals
COMSC121 - Introduction to Cybersecurity –Ethical Hacking
COMSC122 - Programming Concepts & Methodologies I
COMSC132 - Programming Concepts & Methodologies II
COMSC142 - Computer Architecture and Organization
COMSC170 - Occupational Work Experience Education In Computer Science
COMSC180 - Internship in Computer Science

[Back to department listing](#)

Computer Science Associate in Science for Transfer Degree (AST)

A.S. Degree for Transfer

[Print Page](#)

[Back to department listing](#)

Units:

60 units

The Associate of Science in Computer Science for Transfer Degree is designed for students desiring advanced degrees in Computer Science. The Los Medanos College Computer Science courses meet the lower division transfer requirements for Computer Science. The curriculum includes the first and second year requirements for transfer to a four-year institution. A baccalaureate degree is the recommended preparation for those considering professional careers in Computer Science. To earn the Associate Degree for Transfer: 1. Completion of 60 semester units or 90 quarter units of degree-applicable courses, 2. Minimum overall grade point average of 2.0, 3. Minimum grade of “C” (or “P”) for each course in the major, and 4. Completion of IGETC and/or CSU GE-Breadth Certain ADTs are based on completion of IGETC for STEM or CSU GE-Breadth for STEM.

Toggle

Program Learning Outcomes

- 1. Completion of 60 semester units or 90 quarter units of degree-applicable courses,
- 2. Minimum grade of “C” (or “P”) for each course in the major, and
- 3. Completion of Intersegmental General Education Transfer Curriculum (IGETC) for CSU, the California State University General Education (CSU-GE) Breadth Requirement, IGETC for STEM or CSU for STEM.

Toggle

Program Requirements

A.S. Degree for Transfer

Required Courses

Required Courses for Major (Total 29 - 30)

Complete all of the following

COMSC122 - Programming Concepts & Methodologies I 3
COMSC132 - Programming Concepts & Methodologies II 3
COMSC142 - Computer Architecture and Organization 3
MATH160 - Discrete Math 4
MATH210 - Calculus and Analytic Geometry I 4
MATH220 - Calculus and Analytic Geometry II 4
PHYS040 - Physics for Scientists and Engineers I 4
Required Courses for Major (Total 4 - 5)
Complete the following number of credits: 4-5
BIOSC021 - Principles of Biology: Organismal 5

Computer Applications Support Specialist (Basic) Certificate of Achievement

Certificate of Achievement

[Print Page](#)

[Back to department listing](#)

Units:

14.0 units

The Computer Applications Support Specialist Associate of Science degree and the Basic and Advanced Certificates of Achievement program will prepare students for jobs as network support specialists, desktop support specialists, and software and/or hardware support specialists. These jobs require excellent customer service, communication and computer skills and can be found in a variety of organizations large and small in the private or public sectors.

Toggle

Program Learning Outcomes

- 1. Provide technical assistance and problem resolution regarding hardware, software, and networking at the workstation level.
- 2. Maintain problem tracking software applications.

Toggle

Program Requirements

Certificate of Achievement

Required Courses (Total 14)

Complete all of the following

[COMSC010 - Computer Network Fundamentals](#) 3
[COMSC037 - Help Desk Customer Technical Support](#) 3
[COMSC040 - Introduction to Computer and Information Systems](#) 4
[COMSC091 - Information & Communication Technology Essentials](#) 4

Computer Applications Support Specialist (Advanced) Certificate of Achievement

Certificate of Achievement

[Print Page](#)

[Back to department listing](#)

Units:

16.0 - 30.0 units

The Computer Applications Support Specialist Associate of Science degree and the Basic and Advanced Certificates of Achievement program will prepare students for jobs as network support specialists, desktop support specialists, and software and/or hardware support specialists. These jobs require excellent customer service, communication and computer skills and can be found in a variety of organizations large and small in the private or public sectors.

Toggle

Program Learning Outcomes

- 1. Provide technical assistance and problem resolution to computer users regarding hardware, software, and networking issues.
- 2. Design and implement an information and communication technology support system that includes a tracking system and documentation.
- 3. . Support new installations, including hardware and software, peripherals, training policies and documentation.

Toggle

Program Requirements

Certificate of Achievement

Required Courses (Total 30)

Complete all of the following

[COMSC010 - Computer Network Fundamentals](#) 3

COMSC011 - Systems and Network Administration 3
COMSC012 - Introduction to Information Systems Security 3
COMSC030 - Web Site Development- Part I 1.5
COMSC031 - Web Site Development- Part II 1.5
COMSC040 - Introduction to Computer and Information Systems 4
COMSC060 - Information Technologies 4
COMSC061 - Advanced Microcomputer Applications 3
COMSC091 - Information & Communication Technology Essentials 4
COMSC037 - Help Desk Customer Technical Support 3

Computer Applications Support Specialist Associate of Science Degree (AS)

A.S. Degree Local

[Print Page](#)

[Back to department listing](#)

Units:

60.0 units

The Computer Applications Support Specialist Associate of Science degree and the Basic and Advanced Certificates of Achievement program will prepare students for jobs as network support specialists, desktop support specialists, and software and/or hardware support specialists. These jobs require excellent customer service, communication and computer skills and can be found in a variety of organizations large and small in the private or public sectors.

Toggle

Program Learning Outcomes

- 1. . Provide technical assistance and problem resolution to computer users regarding hardware, software, and networking issues.
- 2. Design and implement an information and communication Technology support system that includes a tracking system and documentation.
- 3. Support new installations, including hardware and software, peripherals, training policies and documentation.

Toggle

Program Requirements

A.S. Degree Local

Required Courses for Major (Total 30)

Complete all of the following

COMSC010 - Computer Network Fundamentals 3

COMSC011 - Systems and Network Administration 3

COMSC012 - Introduction to Information Systems Security 3

COMSC030 - Web Site Development- Part I 1.5

COMSC031 - Web Site Development- Part II 1.5

COMSC037 - Help Desk Customer Technical Support 3

COMSC040 - Introduction to Computer and Information Systems 4

COMSC060 - Information Technologies 4

COMSC061 - Advanced Microcomputer Applications 3

COMSC091 - Information & Communication Technology Essentials 4

Information Technology (Advanced) Certificate of Achievement (COA)

Certificate of Achievement

[Print Page](#)

[Back to department listing](#)

Units:

26.0 units

The Information Technology Associate of Science degree and the Basic and Advanced Certificates of Achievement program will prepare students for jobs in computer forensics and/or networking. These jobs require excellent technical skills and the ability to investigate and solve problems or crimes. Most organizations require network specialists. Given the rise in computer crimes, viruses, and computer hacking, the need for computer forensics professionals has increased in the government and in the private sector.

Toggle

Program Learning Outcomes

- 1. Logically configure, troubleshoot, and support network operations.
- 2. Manage the network operating system, users, hardware, software, and resources.
- 3. Develop security policies consistent with current standards and then provide analysis of and document security and other network issues.

Toggle

Program Requirements

Certificate of Achievement

Required Courses in Major (Total 26)

Complete all of the following

COMSC010 - Computer Network Fundamentals 3
COMSC011 - Systems and Network Administration 3
COMSC012 - Introduction to Information Systems Security 3
COMSC040 - Introduction to Computer and Information Systems 4
COMSC091 - Information & Communication Technology Essentials 4
COMSC120 - Computer Forensics Fundamentals 3
COMSC121 - Introduction to Cybersecurity –Ethical Hacking 3

Required Courses in Major (Total 3)

Complete the following number of credits: 3

COMSC044 - Introduction to C++ Programming 3
COMSC051 - Java for Programmers 3
COMSC122 - Programming Concepts & Methodologies I 3

Information Technology (Basic) Certificate of Achievement (COA)

Certificate of Achievement

[Print Page](#)

[Back to department listing](#)

Units:

14.0 units

The Information Technology Associate of Science degrees and the Basic and Advanced Certificates of Achievement program will prepare students for jobs in computer forensics and/or networking. These jobs require excellent technical skills and the ability to investigate and solve problems or crimes. Most organizations require network specialists. Given the rise in computer crimes, viruses, and computer hacking, the need for computer forensics professionals has increased in the government and in the private sector.

Toggle

Program Learning Outcomes

- 1. Provide technical support on hardware and software, and manage user resources on local area networks.

- 2. Provide analysis of and document security breaches and network issues.

Toggle

Program Requirements

Certificate of Achievement

Required Courses in Major (Total 14)

Complete all of the following

[COMSC010 - Computer Network Fundamentals](#) 3

[COMSC040 - Introduction to Computer and Information Systems](#) 4

[COMSC091 - Information & Communication Technology Essentials](#) 4

Required Courses in Major (Total 3)

Complete the following number of credits: 3

[COMSC044 - Introduction to C++ Programming](#) 3

[COMSC051 - Java for Programmers](#) 3

[COMSC122 - Programming Concepts & Methodologies I](#) 3

Information Technology Associate of Science Degree (AS)

A.S. Degree Local

[Print Page](#)

[Back to department listing](#)

Units:

60.0 units

The Information Technology Associate of Science degree program will prepare students for jobs in computer forensics and/or networking. These jobs require excellent technical skills and the ability to investigate and solve problems or crimes. Most organizations require network specialists. Given the rise in computer crimes, viruses, and computer hacking, the need for computer forensics professionals has increased in the government and in the private sector.

Toggle

Program Learning Outcomes

- 1. Logically configure, troubleshoot, and support network operations.
- 2. Manage the network operating system, users, hardware, software, and resources.
- 3. Develop security policies consistent with current standards and then provide analysis of and document security and other network issues.

Toggle

Program Requirements

A.S. Degree Local

Required Courses for Major (Total 33)

Complete all of the following

BUS059 - Business Communications 3
COMSC010 - Computer Network Fundamentals 3
COMSC011 - Systems and Network Administration 3
COMSC012 - Introduction to Information Systems Security 3
COMSC040 - Introduction to Computer and Information Systems 4
COMSC091 - Information & Communication Technology Essentials 4
COMSC120 - Computer Forensics Fundamentals 3
COMSC121 - Introduction to Cybersecurity –Ethical Hacking 3
MATH110 - Introduction to Statistics 4

Required Course for Major (Total 3)

Complete the following number of credits: 3

COMSC044 - Introduction to C++ Programming 3
COMSC051 - Java for Programmers 3
COMSC122 - Programming Concepts & Methodologies I 3

Foundation College Skills Certificate

College Skills Certificate

[Print Page](#)

[Back to department listing](#)

Units:

11.0 units

COLLEGE SKILLS CERTIFICATES– Computer Science Foundation Game Design Web Design

Toggle

Program Learning Outcomes

- 1. Demonstrate technological proficiency in operating a computer system using common operating systems and a range of applications.

Toggle

Program Requirements

College Skills Certificate

Required Courses for Certificate (Total 11)

Complete all of the following

[COMSC040 - Introduction to Computer and Information Systems](#) 4

[COMSC060 - Information Technologies](#) 4

[COMSC061 - Advanced Microcomputer Applications](#) 3

Game Design College Skills Certificate

College Skills Certificate

[Print Page](#)

[Back to department listing](#)

Units:

15.0 units

COLLEGE SKILLS CERTIFICATES– Computer Science Foundation Game Design Web Design

Toggle

Program Learning Outcomes

- 1. Demonstrate software game development skills by designing a complete game synopsis using a variety of computer programming tools, techniques, and practices.
- 2. Develop a complete game environment with individual detailed narratives and related storyboards and illustrations that define the characters, game strategy, and storyline behind the game using a variety of technologies.
- 3. Construct a working 3D environment utilizing industry-standard software to create a short narrative animation project.

Toggle

Program Requirements

College Skills Certificate

Required Courses for Certificate (Total 15)

Complete all of the following

[ART020 - Introduction to Drawing](#) 3

[ART054 - Adobe Photoshop](#) 3

[COMSC110 - Gaming: An Introduction](#) 3

[COMSC111 - Gaming: Beginning Illustration And Storyboarding](#) 3

Web Design College Skills Certificate

College Skills Certificate

[Print Page](#)

[Back to department listing](#)

Units:

6.0 units

COLLEGE SKILLS CERTIFICATES– Computer Science Foundation Game Design Web Design

Toggle

Program Learning Outcomes

- 1. Demonstrate the use of developer tools to create web pages that include a full range of web elements.
- 2. Communicate information on the Internet through the design and programming of professional interactive multimedia websites.
- 3. Use industry-standard software for web development and build standard compliant web pages.

Toggle

Program Requirements

College Skills Certificate

Required Courses for Certificate (Total 6)

Complete all of the following

COMSC030 - Web Site Development- Part I 1.5

COMSC031 - Web Site Development- Part II 1.5

COMSC032 - Web Site Development- Dreamweaver/Flash 3

COMSC-012 Introduction to Information Systems Security

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

An introduction to the fundamental principles and topics of Information Technology Security and Risk Management at the organizational level. It addresses hardware, software, processes, communications, applications, and policies and procedures with respect to organizational Cybersecurity and Risk Management. Preparation for the CompTIA Security+ certification exams.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Advisory

[COMSC010 - Computer Network Fundamentals](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

C-ID:

- Information Technology and Information Systems

Comparable course: ITIS 160

Student Learning Outcomes:

- CSLO 1: Describe and differentiate the fundamental principles of information systems security, including the concepts of threat, evaluation of assets, information assets, physical, operational, and information security and how they are related. (PLSO 1, 2 - Networking & Security; PSLO 1, 3 – Computer Support Specialist)

- CSLO 2: Evaluate and then be able to explain and apply a design of a secure organizational information infrastructure that incorporates a comprehensive security model and set of policies. (PLSO 1, 2, 3 - Networking & Security; PSLO 1, 2, 3 – Computer Support Specialist)
- CSLO 3: Define and employ security technologies, basic cryptography, technical and administrative mitigation, and appropriate strategies to assure confidentiality, integrity, and availability of information. (PLSO 1, 2, 3 - Networking & Security; PSLO 3 – Computer Support Specialist)
- CSLO 4: Perform risk analysis and then apply risk management techniques to manage risk, reduce vulnerabilities, threats, and apply appropriate safeguards/controls. (PLSO 1, 2, 3 - Networking & Security; PSLO 1, 2, 3 – Computer Support Specialist)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

90.0

Course in class (contact) hours

Lecture Hours

36.0

Lab Hours

54.0

Activity Hours

0.0

COMSC-040 Introduction to Computer and Information Systems

Units: 4.0

[Print Page](#)

[Back to department listing](#)

Description:

Examination of information systems and their role in business. Focus on information systems, database management systems, networking, e-commerce, ethics and security, computer systems hardware and software components. Application of these concepts and methods through hands-on projects in the fundamentals of computer programming and developing computer-based solutions to business problems.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Describe existing and emerging technologies and their impact on organizations and society. (PLSO 1, 2 - Networking & Security; PSLO 1, 3 – Computer Support Specialist; PSLO 1, 2 – Computer Systems Specialist)

- CSLO 2: Demonstrate an understanding of computer programming fundamentals and the development and use of information systems in business. (PLSO 1, 2, 3 - Networking & Security; PSLO 2 – Computer Systems Specialist)
- CSLO 3: Solve common business computer problems using appropriate Information Technology applications and systems. (PLSO 1, 2, 3 - Networking & Security; PSLO 3 – Computer Support Specialist; PSLO 1, 2 – Computer Systems Specialist)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

4.0

Maximum Credit Units

4.0

Total Course In-Class (Contact) Hours

108.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

54.0

Activity Hours

0.0

COMSC-010 Computer Network Fundamentals

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course introduces the architecture, structure, functions, components, and models of the Internet and other computer networks. The principles and structure of IP (Internet Protocol) addressing and the fundamentals of Ethernet concepts, media, and operations are introduced to provide a foundation for further study of computer networks. It uses the OSI (Open Systems Interconnection) and TCP (Transmission Control Protocol) layered models to examine the nature and roles of protocols and services at the application, network, data link, and physical layers.

Requisites:**Advisory**

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Describe and differentiate the devices and services used to support communications in data networks and the Internet, including the role of protocol layers. (PLSO 1, 2 - Networking & Security; PSLO 1, 3 – Computer Support Specialist)
- CSLO 2: Evaluate and apply the addressing and naming schemes at various layers of data networks in IPv4 and IPv6 environments, including the design, calculation, and application of subnet masks and addresses. (PLSO 1, 2, 3 - Networking & Security)
- CSLO 3: Explain fundamental Ethernet concepts such as media, services, and operations and use them to build a simple network using routers and switches. (PLSO 1, 2, 3 - Networking & Security; PSLO 3 – Computer Support Specialist; PSLO 1, 3 – Computer Systems Specialist)

- CSLO 4: Configure, monitor, and operate small networks using industry standard commands and common network utilities. (PLSO 1, 2, 3 - Networking & Security; PSLO 1, 3 – Computer Support Specialist; PSLO 1, 3 – Computer Systems Specialist)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

90.0

Course in class (contact) hours**Lecture Hours**

36.0

Lab Hours

54.0

Activity Hours

0.0

COMSC-011 Systems and Network Administration

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course will provide a student with the knowledge and skills required to build, maintain, troubleshoot and support server hardware and software technologies. The student will be able to identify environmental issues; understand and comply with disaster recovery and physical / software security procedures; become familiar with industry terminology and concepts; understand server roles / specialization's and interaction within the overall computing environment.

Requisites:

Advisory

[COMSC040 - Introduction to Computer and Business Information Systems](#)

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Evaluate and apply server fundamentals, including hardware, software, and storage systems. (PLSO 1, 2 - Networking & Security)
- CSLO 2: Install, configure, and upgrade network servers. (PLSO 1, 3 - Networking & Security)
- CSLO 3: Identify and employ industry best practices for deploying, securing, troubleshooting, and remotely managing servers. (PLSO 1, 2, 3 - Networking & Security)
- CSLO 4: Identify and employ industry best practices for disaster recovery. (PLSO 1, 2, 3 - Networking & Security)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

90.0

Course in class (contact) hours

Lecture Hours

36.0

Lab Hours

54.0

Activity Hours

0.0

COMSC-121 Introduction to Cybersecurity –Ethical Hacking

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

There is an exponential growth in the Information Technology sector for trained security specialists with in-depth knowledge and experience analyzing data and securing networks, computers and mobile devices. Learning techniques of threat management and incident response is mission critical to prevent data breaches. This course prepares students for an entry level I/T position focused on network and security which is required for many Information System Technician and Specialist positions.

Requisites:**Advisory**

[COMSC120 - Computer Forensics Fundamentals](#)

Advisory

[COMSC040 - Introduction to Computer and Business Information Systems](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:**C-ID:**

Comparable course: ITIS 164 - approved 1/28/2022

Student Learning Outcomes:

- CSLO 1: Conduct a Computer Forensic investigation using problem solving techniques, strategic planning and forensic tools in order to identify sources that are infiltrating personal and network computer systems. (PSLO 1, 2)
- CSLO 2: Effectively analyze data acquired from various crime scene scenarios and demonstrate proper evaluating, execution, processing and preservation of evidence in accordance with established chain of custody protocols for the organization. (PSLO 6)
- CSLO 3: Decipher and recover data from file signature and hash analysis in order to bookmark the results onto image files and recognize strategic methods of identifying files that have been altered or modified. (PSLO 4,5)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

108.0

Course in class (contact) hours**Lecture Hours**

36.0

Lab Hours

72.0

Activity Hours

0.0

COMSC-091 Information & Communication Technology Essentials

Units: 4.0

[Print Page](#)

[Back to department listing](#)

Description:

This course provides an introduction to the computer hardware and software skills needed to help meet the growing demand for entry-level ICT professionals. The fundamentals of computer hardware and software as well as advanced concepts such as security, networking, and the responsibilities of an ICT professional will be introduced. Preparation for CompTIA's A+ certification exam.

Requisites:**Advisory**

[COMSC040 - Introduction to Computer and Business Information Systems](#)

Advisory

ENGL100 - College Composition

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Assemble, Install, configure and maintain devices, Personal Computers and software for end users while providing appropriate customer support. (PLSO 1, 2, 3)
- CSLO 2: Properly and safely diagnose, resolve and document common hardware and software issues while applying troubleshooting skills. (PSLO 1, 2, 3)
- CSLO 3: Understand the basics of networking, security/forensics, virtualization, desktop imaging, and deployment. (PSLO 1,2, 3)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

4.0

Maximum Credit Units

4.0

Total Course In-Class (Contact) Hours

108.0

Course in class (contact) hours**Lecture Hours**

54.0

Lab Hours

54.0

Activity Hours

0.0

COMSC-060 Information Technologies

Units: 4.0

[Print Page](#)

[Back to department listing](#)

Description:

This course presents technology tools and applications essential to fully participate in the contemporary electronic workplace. Students will be introduced to fundamental concepts and basic applications of word processing, electronic worksheets, database management, presentation software, and communications software. The course will also include working with other common technologies such as wireless, virtualization and cloud computing.

Requisites:**Advisory**

[COMSC040 - Introduction to Computer and Business Information Systems](#)

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Research computer hardware for replacement and/or upgrade purposes in PCs (desktop and notebook, laptop). (PSLO 1, 3, 4, 6)
- CSLO 2: Demonstrate basic proficiency in using productivity software to create documents, spreadsheets, presentations and databases. (PSLO 2, 5, 6, 8)
- CSLO 3: Analyze and demonstrate proficiency in using wireless technology features in GPSs, Laptops, Tablet PCs, and Bluetooth devices. (PSLO 1, 2, 6)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours**Minimum Credit Units**

4.0

Maximum Credit Units

4.0

Total Course In-Class (Contact) Hours

144.0

Course in class (contact) hours

Lecture Hours

36.0

Lab Hours

108.0

Activity Hours

0.0

COMSC-120 Computer Forensics Fundamentals

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is an introduction to the methods used to properly conduct a computer forensics investigation beginning with a discussion of ethics, while mapping to the objectives of the International Association of Computer Investigative Specialists (IACIS) certification. Topics covered include an overview of computer forensics as a profession; the computer investigation process; understanding operating systems boot processes and disk structures; data acquisition and analysis; technical writing; and a review of familiar computer forensics tools.

Requisites:

Advisory

[COMSC040 - Introduction to Computer and Business Information Systems](#)

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

C-ID:

Comparable course: ITIS 165 approved 1/28/2022

Student Learning Outcomes:

- CSLO 1: Define and apply computer forensics, including how to prepare for a computer investigation and the certification requirements for computer forensics labs. (Networking & Security PLSO 2) (Computer Systems Specialist PLSO 2)
- CSLO 2: Measure the different ways for proper data acquisition, conduct the proper handling of digital evidence, and be able to analyze how data is stored and managed by an operating system. (Networking & Security PLSO 1, 2) (Computer Systems Specialist PLSO 1, 2)
- CSLO 3: Use computer forensic tools to reconstruct graphic files, analyze networks and email, and validate evidence for forensic reports. (Networking & Security PLSO 1, 2) (Computer Systems Specialist PLSO 1, 2)
- CSLO 4: Follow guidelines for testifying in court and maintain a high level of ethical behavior in their work. (Networking & Security PLSO 2) (Computer Systems Specialist PLSO 2)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

90.0

Course in class (contact) hours

Lecture Hours

36.0

Lab Hours

54.0

Activity Hours

0.0

COMSC-044 Introduction to C++ Programming

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is designed to be an introduction to the C programming language. We use a C++ text because C is a subset of C++ and is an object-oriented language. C++ has evolved into one of the leading programming languages in the computer software industry. C++ compilers are available on all platforms ranging from microcomputers to mainframes. The course will include structured program design, programming style, documentation, modular design, code reusability, program verification and testing, data abstraction, information hiding, and data structuring. Problems will come from the areas of business.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Define a problem that the computer can solve using C++
- 2. Plan the solution using an algorithm in a flowchart or pseudo code format.
- 3. Write the source code utilizing the programming rules of C++
- 4. Test the program using the syntactical rules that apply to C++.
- 5. Document the outcome and modify, maintain and update as appropriate

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours**Lecture Hours**

54.0

Lab Hours

0.0

Activity Hours

0.0

COMSC-030 Web Site Development- Part 1

Units: 1.5

[Print Page](#)

[Back to department listing](#)

Description:

This course will teach students how to program web pages for the Internet using HTML and XHTML, and other web software programs. Understanding the structure of HTML and XHTML is essential to edit and troubleshoot websites. The course also includes website design and layout, how Internet websites perform, and how to create a website for a business, eBay, educational purposes, a nonprofit organization, or personal use.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Use web designing software applications to program HTML and JavaScript, understand the terminology to troubleshoot HTML, and be able to apply this knowledge to developing web pages. (PSLO 1)
- 2. Communicate written/oral information through the design and content of a web page created for different technical on-line applications. (PSLO 5)

- 3. Design web graphic elements, save them in the file format required for presentation on the Internet, and upload the graphics to a web site using a FTP software program. (PSLO 2)
- 4. Use computer application software to storyboard a directional guide that assists in the design of a web page that will show where the web elements, graphics, and content will be placed. (PSLO 2)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

1.5

Maximum Credit Units

1.5

Total Course In-Class (Contact) Hours

27.0

Course in class (contact) hours

Lecture Hours

27.0

Lab Hours

0.0

Activity Hours

0.0

COMSC-031 Web Site Development- Part II

Units: 1.5

[Print Page](#)

[Back to department listing](#)

Description:

This course is an introduction to different web designing software programs used to design a website. It covers the layout and organizing of content, photos, video, sounds, and graphics on a web page, selecting a domain name, finding a web host, and how to upload web pages to the Internet. Students will design a website for their business, educational, non-profit, or personal use.

Requisites:**Advisory**

[COMSC030 - Web Site Development- Part 1](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Use web software design programs to layout, design and upload web pages on the world wide web (PSLO 2)
- 2. Use HTML and JavaScript to add meta tags, descriptions, keywords, and other web elements to a web page, and identify and describe the effects the programming will have on a search engine (PSLO 2, 5)
- 3. Manipulate files, web folders, resize graphics and add effects, use digital equipment, and compress files into the formats that will upload to the Internet. (PSLO 2, 5)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)

- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

1.5

Maximum Credit Units

1.5

Total Course In-Class (Contact) Hours

27.0

Course in class (contact) hours

Lecture Hours

27.0

Lab Hours

0.0

Activity Hours

0.0

COMSC-032 Web Site Development- Dreamweaver/Flash

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course teaches students how to design a professional-looking website integrating two web designing software computer programs, Dreamweaver and Flash, which are ideal web tools for web site development. This software is used to create websites with the most advanced designs possible on the Web. Flash is the professional standard for producing high-impact Web experiences. Students will use both programs to make their own website and upload the website to the Internet.

Requisites:

Advisory

[COMSC030 - Web Site Development- Part I](#)

Advisory

[COMSC031 - Web Site Development- Part II](#)

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Use the software programs, Flash and Dreamweaver, to communicate information on the Internet through the design and programming of professional interactive, multimedia web sites. (PSLO 2,5)
- 2. Maintain, redesign and update an existing web site for a professional organization or business and be able to upload new files, folders, and new information. (PSLO 2,5)
- 3. Use ActionScripting, HTML, JavaScript and other programming to design and work with photos, banners, logos, navigation buttons, videos, sounds, music, and content to convey information to a targeted audience with easy-to-find, concise web elements that enhance the website. (PSLO 2,4, 5)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours**Lecture Hours**

54.0

Lab Hours

0.0

Activity Hours

0.0

COMSC-051 Java for Programmers

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is an introduction to Java programming which is used by companies of all sizes as the main programming language to develop various applications and projects worldwide. Students will be introduced to the basic skills needed to write, compile, and run simple Java applications. Topics covered are project designing, object-oriented programming, console applications, graphics applications and many other elements of the Java language.

Requisites:

Advisory

ENGL100 - College Composition

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Utilize basic object-oriented programming design, terminology, and methods. (PSLO1)
- 2. Modify, compile, debug, and execute basic Java programs. (PSLO 4, 6)
- 3. Create a simple program to run within a Web browser and Web services at a basic level. (PSLO 4, 6)
- 4. Create a Java Web program, post the program to a web server, and be able to access web pages that incorporate Java applets. (PSLO 5)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

90.0

Course in class (contact) hours

Lecture Hours

36.0

Lab Hours

54.0

Activity Hours

0.0

COMSC-112 Gaming: Beginning Game Design

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

Beginning Game Design opens the door to a fascinating world of creative possibilities for students interested in breaking into the video game industry. Besides the video game industry, 3D modelers can gain employment in a variety of areas including movies, architecture, illustration, engineering, and commercial advertising. Students will investigate how their illustrations can be developed and used in video games. Students will then create their own 3D models and objects, while gaining a better understanding of what goes into the process of computer modeling and animation. Topics include basic techniques and methods for creating simple, as well as complex, game objects.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Effectively use of techniques and methods in the use of a 3D modeling application. (PSLO 2)
- CSLO 2: Construct complete backgrounds and materials and then accurately apply them to objects. (PSLO 2, 7)
- CSLO 3: Use a 3D modeling application to create and animate 3D objects in a virtual environment. (PSLO 2, 7)
- CSLO 4: Effectively research and then communicate in written form how illustrations are developed and used in games. (PSLO 5)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

72.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

18.0

Activity Hours

0.0

COMSC-111 Gaming: Beginning Illustration And Storyboarding

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

An introduction to the array of graphics required for the conceptual stage of game development. Students will learn that creating graphics for a game is like creating a virtual world. Topics include: basic game design, game charts, thumbnail sketches, story boards, level layouts, environmental illustrations, character designs, and the designing of graphical user interfaces.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Recognize game layout charts, storyboards, level layouts, and environment illustrations. (PSLO 6)
- CSLO 2: Plan a video game by using effective storyboard elements and level layouts, then describe how they will be used in the game design. (PSLO 2, 6)
- CSLO 3: Develop thumbnail sketches, character sketches, illustrations, and model sheets using a variety of technologies. (PSLO 6, 7)
- CSLO 4: Identify GUI (graphical user interface) elements in game software and apply the issues surrounding GUI design to games. (PSLO 2, 7)
- CSLO 5: Effectively communicate in written form a complete game design document. (PSLO 5, 7)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

72.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

18.0

Activity Hours

0.0

COMSC-110 Gaming: An Introduction

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

An introduction to electronic game development with an emphasis on computer animation and programming. Computer animation will introduce the student to an overview of character modeling, rendering, animation, illustrations, storyboarding, and game design. An overview of computer programming will introduce the student to gaming structures, animation techniques, design fundamentals and programming options. Both concepts are very important for students entering the video game industry.

Requisites:

Advisory

[COMSC040 - Introduction to Computer and Business Information Systems](#)

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Demonstrate the ability to develop a game synopsis, complete with character definition, strategy identification, and storyboarding. PSLO 1 and 2.
- CSLO 2: Demonstrate the effective use of the computer animation components necessary to build a working electronic game. PSLO 1 and 2.
- CSLO 3: Demonstrate the comprehensive use of the computer programming tools, techniques, practices, and syntax necessary to build a working electronic game. PSLO 1.
- CSLO 4: Effectively research and then communicate in written form the requirements, qualifications, and practices of the gaming industry. PSLO 2.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

72.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

18.0

Activity Hours

0.0

COMSC-122 Programming Concepts & Methodologies I

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course introduces the discipline of computer science with practical hands-on problem solving using a 'high-level' computer programming language. The course will include basic syntax and semantics of a 'high-level' language, variables, types, expressions, assignment, basic computation, simple I/O, conditional and iterative control structures, functions and parameter passing, structured decomposition, program design, programming style, algorithms and problem solving strategies, overview of programming languages, binding, visibility, scoping, and lifetime management.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

C-ID:

- Computer Science

Comparable course: COMP 122

Student Learning Outcomes:

- 1. Design, implement, test, and debug a program that uses each of the following fundamental programming constructs: basic computation, simple I/O, standard conditional and iterative structures, and the definition of functions. (PSLO 1, 2)

- 2. Use pseudocode or a programming language to implement, test, and debug algorithms for solving simple problems. (PSLO 1, 2)
- 3. Summarize the evolution of programming languages illustrating how this history has led to the paradigms available today. (PSLO 1)
- 4. Demonstrate different forms of binding, visibility, scoping, and lifetime management. (PSLO 1, 2)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

COMSC-132 Programming Concepts & Methodologies II

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course covers techniques relevant to program design and selection of data structures for larger programs. Topics covered include design techniques, effective use of recursion, algorithmic efficiency and O-notation, linked-lists, stacks, queues, trees, hash tables, heaps, graphs and sorting and searching techniques. Extensive programming of a variety of data structures is required.

Requisites:

Prerequisite

[COMSC122 - Programming Concepts & Methodologies I](#)

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

C-ID:

- Computer Science

Comparable course: COMP 132

Student Learning Outcomes:

- 1. Write programs that use each of the following data structures: arrays, records, strings, linked lists, stacks, queues, and hash tables. (PSLO 1, 2)
- 2. Implement, test, and debug simple recursive functions and procedures. (PSLO 1, 2)
- 3. Evaluate tradeoffs in lifetime management (reference counting vs. garbage collection). (PSLO 1, 2)

- 4. Explain how abstraction mechanisms support the creation of reusable software components. (PSLO 1, 2)
- 5. Design, implement, test, and debug simple programs in an object-oriented programming language. (PSLO 1, 2)
- 6. Compare and contrast object-oriented analysis and design with structured analysis and design. (PSLO 1)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

COMSC-142 Computer Architecture and Organization

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

In this course, we analyze the organization and behavior of real computer systems at the assembly-language level. The mapping of statements and constructs in a 'high-level' language into sequences of machine instructions is studied, as well as the internal representation of simple data types and structures. Numerical computation is examined, noting the various data representation errors and potential procedural errors.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Prerequisite

[COMSC132 - Programming Concepts & Methodologies II](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

C-ID:

- Computer Science

Comparable course: COMP 142

Student Learning Outcomes:

- 1. Develop simple assembly-language program segments. (PSLO 1 and 2)
- 2. Demonstrate how fundamental “high-level” language programming constructs are programmed at the assembly-language level. (PSLO 1 and 2)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours**Lecture Hours**

54.0

Lab Hours

0.0

Activity Hours

0.0

COMSC-180 Internship in Computer Science

Units: 1.0-4.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is for students who have declared a major, have taken classes in the major, and are ready for on-the-job experience in a paid or unpaid position. An internship involves working in a skilled or professional level assignment in the area of a student's vocational or academic major or field of

interest. Students, with faculty and employer approval, will apply college-acquired knowledge, skills and abilities as well as acquire new learning to prepare for a career in their chosen field. Students must work 75 paid hours or 60 non-paid hours for each unit of credit earned. Students may earn a maximum of 16 units of occupational work experience internship during community college attendance which may be applied as electives toward graduation. 12 units are transferable to CSU.

Requisites:

None

Course Note:

Work Experience Education Requirements

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

Section 55253. College Credit and Repetition The amendment to Title 5 created an exception to the general rule for repetition of activity courses to allow students to take the full number of units of cooperative work experience, which would otherwise be allowed. (b) If a college offers only one course in occupational work experience in a given field and that course is not offered as a variable unit open entry/open-exit course, the district policy on course repetition adopted pursuant to section 55040 may permit a student to repeat that course any number of times so long as the student does not exceed the limits on the number of units of cooperative work experience education set forth in subdivision (a). Consistent with section 58161, attendance of a student repeating a cooperative work experience course pursuant to this subdivision may be claimed for state apportionment.

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Apply professionalism and work ethic skills including personal accountability, work habits, punctuality, working productively with others, and managing time and work load.
- CSLO 2: Work in collaborative relationships with colleagues and customers and be able to work with diverse teams, negotiate, and manage conflicts.
- CSLO 3: Apply critical thinking and problem solving skills by using sound reasoning and analytical thinking as well as using knowledge, facts, and data to solve workplace problems
- CSLO 4: Communicate thoughts and ideas clearly and effectively using public speaking skills and the ability to write clearly and effectively

- CSLO 5: Utilize, under direct supervision, knowledge, skills and abilities acquired during prior or concurrent college course work directly related to work place responsibilities by applying appropriate Course-Level Student Learning Outcomes from a college course to the internship

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

1.0

Maximum Credit Units

4.0

Total Course In-Class (Contact) Hours

300.06

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

300.0

Activity Hours

0.0

COMSC-170 Occupational Work Experience Education In Computer Science

Units: 1.0-4.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is for students whose work is related to their major. Occupational Work Experience Education provides students with opportunities to develop marketable skills in preparation for employment or advancement within their current job. To participate in cooperative work experience education, students must be employed or formally volunteer and undertake new or expanded responsibilities. Students, with faculty and employer approval, will develop and successfully complete one learning objective for each unit of credit in which they enroll. Additionally, students must work 75 paid hours or 60 non-paid hours for each unit of credit earned. Students may earn up to 8 units per semester and may repeat for a maximum of 16 units of occupational work experience during community college attendance which may be applied as electives toward graduation.

Requisites:

None

Course Note:

Work Experience Education Requirements

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

Section 55253. College Credit and Repetition The amendment to Title 5 created an exception to the general rule for repetition of activity courses to allow students to take the full number of units of cooperative work experience, which would otherwise be allowed. (b) If a college offers only one course in occupational work experience in a given field and that course is not offered as a variable unit open entry/open-exit course, the district policy on course repetition adopted pursuant to section 55040 may permit a student to repeat that course any number of times so long as the student does not exceed the limits on the number of units of cooperative work experience education set forth in subdivision (a). Consistent with section 58161, attendance of a student repeating a cooperative work experience course pursuant to this subdivision may be claimed for state apportionment.

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Apply professionalism and work ethic skills including personal accountability, work habits, punctuality, working productively with others, and managing time and work load.
- CSLO 2: Work in collaborative relationships with colleagues and customers and be able to work with diverse teams, negotiate, and manage conflicts.

- CSLO 3: Apply critical thinking and problem solving skills by using sound reasoning and analytical thinking as well as using knowledge, facts, and data to solve workplace problems.
- CSLO 4: Communicate thoughts and ideas clearly and effectively using public speaking skills and the ability to write clearly and effectively.
- CSLO 5: Utilize, under direct supervision, knowledge, skills and abilities acquired during prior or concurrent college course work directly related to workplace responsibilities by applying appropriate Course-Level Student Learning Outcomes from a college course to the student's place of employment.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

1.0

Maximum Credit Units

4.0

Total Course In-Class (Contact) Hours

300.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

300.0

Activity Hours

0.0

COMSC-098 Independent Study in Computer Science

Units: 0.5-3.0

[Print Page](#)

[Back to department listing](#)

Description:

Provides students an opportunity to design and pursue their own interests within a particular area. Projects reflecting cultural diversity and/or societal issues will be greatly encouraged. A contract must be drawn between the student and the instructor stipulating the goals of the independent study, the content, the method of approach, the estimated time involved, and the periodic evaluation method to be used.

Requisites:

None

Course Note:

Submission of acceptable educational contract to department and Instruction Office is required.

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- Meet outcomes as specified in the approved Application for Independent Study.
- Gain knowledge and skill through the successful completion of an independent study course.
- Demonstrate and/or apply independent academic learning skills.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

0.5

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

162.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

162.0

Activity Hours

0.0

COMSC-037 Help Desk Customer Technical Support

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

A basic course in the skills and tools required for entry level I/T support specialist positions. This includes how to analyze computer related problems and formulate action plans; best practices in communicating with end users; and using diagnostics tools and I/T support tracking software. In addition, students will learn soft skills to improve employability in the I/T sector.

Requisites:**Advisory**

[CNT040 - Introduction to Computer and Information Systems](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Use customer service skills and computer based problem-solving strategies to determine the scope of user problems. (PSLO 1, 4, 5)
- CSLO 2: Effectively utilize an online knowledge base, network monitoring tools utilities and diagnostic repair tools to methodically troubleshoot computer and network problems. (PSLO 4, 6)
- CSLO 3: Use an industry standard help desk application to log requests, track inventories and maintain a knowledge base of technical support manuals and documentation. (PSLO 2, 6)
- CSLO 4: Utilize help desk skills including prioritizing service calls according to the severity of the problem, resolving technical situations and escalation procedures to subject matter experts and management for further analysis.(PSLO 3, 6)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

108.0

Course in class (contact) hours

Lecture Hours

36.0

Lab Hours

72.0

Activity Hours

0.0

CNT-061 Advanced Microcomputer Applications

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

(formerly COMSC-061) Advanced Microcomputer Applications is designed to focus primarily on the graphics aspects of a number of popular software applications. Students learn desktop publishing aspects, font management, line drawing, graphic elements, and creating page layout. Instruction focuses on advanced topics including mail merge, vector graphic creation, text effects, newsletters, and the integration of images and data from several popular applications, bringing it all together to create exciting publications applicable for business and personal use.

Requisites:**Advisory**

[COMSC060 - Information Technologies](#)

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Select and install a variety of software applications depending upon current needs. (Computer Applications Specialist, #1)
- CSLO 2: Create unique and professional looking documents using a variety of applications that contain page layout, styles, text, and graphics. (Computer Support Specialist, #2)
- CSLO 3: Manipulate a variety of applications to construct original artwork to be used in documents and publications. (Computer Applications Specialist, #1)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

72.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

18.0

Activity Hours

0.0

Construction Noncredit

Program Information

Certificate(s) and courses listed below.

Degrees and Certificates

[Construction Pre-Apprenticeship Certificate of Completion \(Noncredit- 272 hours\)](#)

Course Information

[CONST010N - Construction Pre-Apprenticeship Fundamentals](#)

[CONST012N - Applied Construction Pre-Apprenticeship Skills](#)

[CONST015N - Forklift Operations](#)

[CONST016N - Forklift Operations Lab](#)

[Back to department listing](#)

Construction Pre-Apprenticeship Certificate of Completion (Noncredit- 272 hours)

Certificate of Completion (Non-Credit)

[Print Page](#)

[Back to department listing](#)

Units:

0.0 units

The Construction Pre-Apprenticeship program features the Multi-Craft Core (MC3) curriculum approved by the National Building Trades that gives participants a leg up in understanding the crafts, gaining safety certificates, and being able to prepare for a successful apprenticeship. The program includes 176 hours of classroom instruction and 96 hours of hands-on training where students will

gain experience in framing, electrical, plumbing, sheet metal, masonry, and more. Also included is an instruction in blueprint reading, CPR/First Aid, Hazmat, and OSHA 10 training. If you like the idea of working outside, working with your hands, and working as part of a team, then a career in construction might be for you. Pre-Apprenticeship enables you to learn about various crafts and explore which ones you might want to pursue. You will be introduced to the tools of the trades, beef up your math skills, learn about how to work safely, and much more. This 16-week program is geared to preparing you for the rigors of the industry, but they do NOT guarantee entrance into an apprenticeship program.

Toggle

Program Learning Outcomes

- 1. Explain basic construction principles and techniques and adapt them to various construction situations.
- 2. Discuss professional conduct, teamwork, and responsibility.
- 3. Name various construction materials and their applications.
- 4. Identify hand tools and their various applications to construction processes.
- 5. Identify power tools and their various applications to construction processes.
- 6. Practice job site safety, housekeeping, and professional behavior.
- 7. Participate in job site experience in the construction field.

Toggle

Program Requirements

Certificate of Completion (Non-Credit)

Required Courses for Major (Total 0)

Complete all of the following

Required Courses for Major (Total 0)

Complete all of the following

[CONST010N - Const Pre-Apprentice Fndmntls 0](#)

[CONST012N - Appld Const Pre-Appr Skills 0](#)

[MATH009N - Math for Construction 0](#)

CONST-010N Construction Pre-Apprenticeship Fundamentals

Units: 0.0

[Print Page](#)

[Back to department listing](#)

Description:

This noncredit course is based on the Multi-Craft Core Curriculum (MC3) developed and approved by the Building Trades National Apprenticeship and Training Committee. This comprehensive pre-apprenticeship curriculum presents an introduction to the construction industry and trades awareness, construction health and safety, tools and materials, heritage of the American worker, diversity in the construction industry, blueprint reading, and employability skills. This course is part of a certificate that provides students with nationally-recognized industry credentials to address in-demand workforce skills.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Not transferable

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Describe how power and hand tools are used to accomplish various construction applications. (PSLO 4, 5, 6, 7)
- 2. Identify basic construction principles and techniques across several trades and adapt those basic skills to various construction situations. (PSLO 1, 3, 4, 5, 6)

- 3. Explain how employability skills contribute to a safe and productive construction worksite. (PSLO 2, 6, 8))

Grade Options:

- Pass/No Pass (P/NP)
- Satisfactory Progress (SP)

Toggle

Units and Hours**Minimum Credit Units**

0.0

Maximum Credit Units

0.0

Total Course In-Class (Contact) Hours

96.0

Course in class (contact) hours**Lecture Hours**

96.0

Lab Hours

0.0

Activity Hours

0.0

CONST-012N Applied Construction Pre-Apprenticeship Skills

Units: 0.0

[Print Page](#)

[Back to department listing](#)

Description:

This course provides students with hands-on experience in the construction trades. Students will participate in individual and/or group projects on and off-campus, building a variety of small residential type structures. This course is part of a certificate that provides students with nationally-recognized industry credentials to address in-demand workforce skills.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Not transferable

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Demonstrate the skill, coordination and stamina necessary to perform basic construction methods and techniques across several trades and adapt those basic skills to various construction situations. (PLSO 3, 4, 5, 6 7)
- 2. Demonstrate job site safety practices to ensure personal safety and safety of crew members. PSLO 2, 6)
- 3. Select one or more craft apprenticeships to pursue and demonstrate application process. (PSLO 8)

Grade Options:

- Pass/No Pass (P/NP)
- Satisfactory Progress (SP)
- Pass/No Pass

Toggle

Units and Hours

Minimum Credit Units

0.0

Maximum Credit Units

0.0

Total Course In-Class (Contact) Hours

96.0

Course in class (contact) hours

Lecture Hours

16.0

Lab Hours

80.0

Activity Hours

0.0

CONST-015N Forklift Operations

Units: 0.0

[Print Page](#)

[Back to department listing](#)

Description:

Same as LOGIS-012N- This course is designed to prepare students for employment as forklift operators. Course content covers forklift driving with training in forklift operation, workplace safety, and daily maintenance practices. Training is provided in accordance with Cal OSHA standards.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Not transferable

Repeatability:

If course is not passed then student will have to retake course to complete.

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Exhibit proper selection of lift equipment for a given task. (PSLO 2, 3, 5)
- 2. Perform lift truck operating skills utilizing basic lifting, stacking and moving maneuvers. (PLSO 2, 3, 5)
- 3. Demonstrate personal and workplace safety rules and practices. (PSLO 3, 4)

Grade Options:

- Pass/No Pass (P/NP)
- Satisfactory Progress (SP)
- Satisfactory Progress

Toggle

Units and Hours**Minimum Credit Units**

0.0

Maximum Credit Units

0.0

Total Course In-Class (Contact) Hours

16.0

Course in class (contact) hours

Lecture Hours

4.0

Lab Hours

12.0

Activity Hours

0.0

CONST-016N Forklift Operations Lab

Units: 0.0

[Print Page](#)

[Back to department listing](#)

Description:

Same as LOGIS-013N- This course is designed for students who want to improve their existing skills to improve their chances for employment as forklift operators. Course content covers forklift driving with training in forklift operation, workplace safety, and daily maintenance practices. Training is provided in accordance with Cal OSHA standards, with supervision from the instructor.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Not transferable

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Lab Project: Based on course textbook and handout materials students will match a variety of cargo and materials types, sizes and weights with appropriate manual or power lift equipment. Students will collaborate by working in small groups to discuss and decide on best and safety options. Final Lab Projects: Allow students to demonstrate understanding of selection of proper lifting and moving tools and equipment to optimize warehouse storage and operations. Evaluate students' ability to apply safety rules and regulations covered in the classroom, on the forklifts.
- CSLO 2: Lab Projects: Students will demonstrate the ability to properly use material handling equipment by performing pre- and post-trip inspections of equipment, performing forklift operating skills of lifting, stacking and driving, selecting and applying maintenance procedures required for fueling/charging operations and applying material delivery procedures appropriate to the warehouse environment.
- CSLO 3 Demonstrate the ability to identify forklift capacity, explain how to maintain forklift stability, and describe forklift limitations.
- CSLO 4. Demonstrate the ability to identify forklift controls and how to use them.

Grade Options:

- Pass/No Pass (P/NP)
- Satisfactory Progress (SP)

Toggle

Units and Hours

Minimum Credit Units

0.0

Maximum Credit Units

0.0

Total Course In-Class (Contact) Hours

12.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

12.0

Activity Hours

0.0

Biological Science

Program Information

Degree(s) and/or certificates and courses listed below.

Degrees and Certificates

[Biology Associate in Science for Transfer Degree \(AST\)](#)

Course Information

[BIOSC005 - Biology of Health](#)
[BIOSC007 - Ecology and the Environment](#)
[BIOSC008 - Human Biology](#)
[BIOSC010 - General Biology](#)
[BIOSC020 - Principles of Biology: Cell and Molecular](#)
[BIOSC021 - Principles of Biology: Organismal](#)
[BIOSC030 - Introduction to Anatomy and Physiology](#)
[BIOSC040 - Human Anatomy](#)
[BIOSC045 - Human Physiology](#)
[BIOSC050 - Microbiology](#)
[BIOSC098 - Independent Study in Biological Science](#)

[Back to department listing](#)

Biology Associate in Science for Transfer Degree (AST)

A.S. Degree for Transfer

[Print Page](#)

[Back to department listing](#)

Units:

60 units

The Associate in Science in Biology for Transfer degree at Los Medanos College prepares students to transfer into a curriculum at a CSU to pursue a baccalaureate degree in biology. The ADT in Biology will introduce students to many areas of study including cytology, biochemical cycles, proteonomics, genonomics, reproduction, embryonic development, ecology, comparative anatomy and physiology and evolution. To earn the Associate Degree for Transfer: 1. Completion of 60 semester units or 90 quarter units of degree-applicable courses, 2. Minimum overall grade point average of 2.0, 3. Minimum grade of "C" (or "P") for each course in the major, and 4. Completion of

IGETC and/or CSU GE-Breadth Certain ADTs are based on completion of IGETC for STEM or CSU GE-Breadth for STEM. Students choosing to transfer are strongly encouraged to see an LMC Counselor since four year college requirements vary widely and are subject to change.

Toggle

Program Learning Outcomes

- 1. Utilize the scientific method to develop hypotheses, conduct scientific experiments, critically analyze experimental data, and communicate results through written reports and oral presentations.
- 2. Analyze the relationship of structure & function at and across molecular, cellular, and organismal levels.
- 3. Describe how evolutionary processes explain the similarities and differences among organisms.
- 4. Illustrate the interdependency among living and non-living things in diverse and changing ecosystems.

Toggle

Program Requirements

A.S. Degree for Transfer
Required Courses

Required Courses for Major (Total 32)

Complete all of the following

[BIOSC020 - Principles of Biology: Cell and Molecular](#) 5

[BIOSC021 - Principles of Biology: Organismal](#) 5

List A: Required Courses for Major (Total 10)

Complete all of the following

[CHEM025 - General College Chemistry I](#) 5

[CHEM026 - General College Chemistry II](#) 5

List A: Select One Required Course for Major (Total 4)

Complete the following number of credits: 4

[MATH140 - Applied Calculus](#) 4

[MATH210 - Calculus and Analytic Geometry I](#) 4

List A: Select Either PHYS035 and PHYS036 or PHYS040 and PHYS041 (Total 8)

Complete the following number of credits: 8

[PHYS035 - College Physics I](#) 4

[PHYS036 - College Physics II](#) 4

[PHYS040 - Physics for Scientists and Engineers I](#) 4

[PHYS041 - Physics for Scientists and Engineers II](#) 4

BIOSC-098 Independent Study in Biological Science

Units: 0.5-3.0

[Print Page](#)

[Back to department listing](#)

Description:

Provides students an opportunity to design and pursue their own interests within a particular area. Projects reflecting cultural diversity and/or societal issues will be greatly encouraged. A contract must be drawn between the student and the instructor stipulating the goals of the independent study, the content, the method of approach, the estimated time involved, and the periodic evaluation to be used. This course may be repeated for credit. (Minimum 1 hour per week with instructor plus 54 hours of contracted work for each unit of credit.)

Requisites:

None

Course Note:

Submission of acceptable educational contract to department and Instruction Office is required.

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- Meet outcomes as specified in the approved Application for Independent Study.
- Gain knowledge and skill through the successful completion of an independent study course.
- Demonstrate and/or apply independent academic learning skills.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

0.5

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

162.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

162.0

Activity Hours

0.0

BIOSC-005 Biology of Health

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This is an introductory course that covers the biological concepts and principles underlying human health and illness. We will cover not only the basic functions of the human cardiovascular, respiratory, nervous, digestive, immune, and reproductive systems, but also the effects of diet, exercise, prescription and illicit drugs, and stress on these systems and how you can make changes to improve your health. The course includes up-to-date information on biological and medical

discoveries related to human health. In addition, we will discuss issues related to mental health, addiction, and sexually transmitted diseases. The local and global health consequences of some human practices will also be explored. Hands-on activities will serve to demonstrate concepts that are critical to the health and wellbeing of the whole individual.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

CSU - General Education - Breadth Requirements:

- Area E: Lifelong Learning and Self-Development

LMC Standard AA/AS - General Education Requirements:

- NS: Natural Sciences

Student Learning Outcomes:

- 1. Read critically to explain the basic structures and functions of the human body, and how diet, exercise, heredity, disease processes, and lifestyle choices affect the major organs of the body. (GESLOs 1, 3)
- 2. Correlate the effects of their lifestyle choices with present and future health, as well as the health of the people around them. (GSLOs 1, 3, 4)
- 3. Research and communicate in writing the various local resources available to help with serious health issues, such as food pantries, support groups, social services, health screening services, alternative medicine practitioners, detoxification centers, prenatal services and health clinics. (GESLOs 1, 2, 3, 4)
- 4. Critically assess and discuss the ethical concerns related to the ways our personal activities (such as food choices and waste disposal) can impact the health of the local and global environment, and recognize that some human health issues are due to the environmental impacts of human activities. (GESLOs 1, 3, 4, 5)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

72.0

Course in class (contact) hours**Lecture Hours**

54.0

Lab Hours

18.0

Activity Hours

0.0

BIOSC-040 Human Anatomy

Units: 5.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is a comprehensive exploration of gross and microscopic anatomy from cellular to systems that presents the human body as an integrated organism. Extensive dissection of human cadavers and preserved animal organs will constitute the bulk of the lab.

Requisites:

Advisory

BIOSC030 - Introduction to Anatomy and Physiology

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:**CSU - General Education - Breadth Requirements:**

- Area B2: Life Science
- Area B3: Laboratory Activity

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 5B: Biological Science
- Area 5C: Laboratory

C-ID:

- Biology

Comparable course: BIOL 110B

LMC Local AA/AS - General Education Requirements:

- NS: Natural Sciences

Student Learning Outcomes:

- CSLO #1 Demonstrate understanding of the levels of organization of the human organism by differentiating and articulating its components (subcellular, cellular, up through organ systems), and describe how these different components work together to build a properly functioning human body.
- CSLO #2 Visually distinguish and apply proper nomenclature to the cells, tissues and organs of the major body systems and formulate correct functions based, in part, on this nomenclature, structure and location.

- CSLO #3 Visually and using sense of touch (tactile kinesthesia), analyze the relationships between organs and organ systems by the dissection and/or study of human cadavers and anatomical models and apply proper nomenclature to describe these relationships.
- CSLO #4 Hypothesize consequences to homeostasis due to anatomical anomalies or organ damage based on knowledge of normal organ function. If given the outcome of damage or organ anomalies, be able to predict/propose/explain what may be an underlying anatomical cause.

Grade Options:

- Letter Grade methods

Toggle

Units and Hours

Minimum Credit Units

5.0

Maximum Credit Units

5.0

Total Course In-Class (Contact) Hours

162.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

108.0

Activity Hours

0.0

BIOSC-010 General Biology

Units: 4.0

[Print Page](#)

[Back to department listing](#)

Description:

An integrated study of life forms with weekly laboratory activities. The course will focus on biological concepts, principles, and laws pertaining to life processes, as well as the scientific method used to investigate these processes. Throughout the course students will be encouraged to apply their critical thinking abilities to investigate the connections between biological theories and real world observations. This course meets the General Education Requirement for Lab Science.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:**CSU - General Education - Breadth Requirements:**

- Area B2: Life Science
- Area B3: Laboratory Activity

LMC Standard AA/AS - General Education Requirements:

- NS: Natural Sciences

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 5B: Biological Science
- Area 5C: Laboratory

Student Learning Outcomes:

- 1. Demonstrate the ability to critically distinguish a scientific hypothesis from an unscientific idea, and then use the scientific method to carry out and write results and conclusions from simple experiments. (GE SLO: 1, 3, 4)
- 2. Relate chemical principles to biological structures and functions (GE SLO: 2, 3)

- 3. Critically evaluate current ethical, ecological or biomedical issues related to the basic relationship between DNA, proteins, and the transmission and evolution of hereditary traits, and then communicate these insights orally and/or in writing. (GE SLO: 1, 3, 4)
- 4. Communicate orally and/or in writing aspects of the interdependence of all life on Earth with a focus on the ethical issues that arise from the dependence of all human societies and cultures on other species and on physical resources in nature. (GE SLO:1, 2, 3, 4, 5)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

4.0

Maximum Credit Units

4.0

Total Course In-Class (Contact) Hours

126.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

72.0

Activity Hours

0.0

BIOSC-007 Ecology and the Environment

Units: 4.0

[Print Page](#)

[Back to department listing](#)

Description:

This course provides an introduction to the biological concepts and principles underlying ecology and environmental science. Utilizing an interdisciplinary, case-based approach, students explore the interconnectedness of ecosystems on planet Earth by investigating human impact on local and global systems. By grappling with questions surrounding sustainability, personal responsibility, and ecological health, students will work towards the goals of developing environmental literacy and thinking scientifically about environmental issues. Lab explorations, field exercises, and field trips to local environmental sites will facilitate deeper understanding of our place in the ecosystem and provide hands-on experience throughout the course. ♦ This course meets the General Education Requirement for Science.

Requisites:**Advisory**

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:**LMC Standard AA/AS - General Education Requirements:**

- NS: Natural Sciences

CSU - General Education - Breadth Requirements:

- Area B2: Life Science
- Area B3: Laboratory Activity

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 5B: Biological Science
- Area 5C: Laboratory

Student Learning Outcomes:

- CSLO #1: Describe the components of diverse ecosystems and provide evidence of their interconnections. (GESLOs #1, #2, #3)
- CSLO #2: Evaluate how personal activities collectively impact ecosystems, including their human components. (GESLOs #3, #4, #5)
- CSLO #3: Utilize the process of science to investigate and evaluate scientific claims (GESLO #1, 3)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

4.0

Maximum Credit Units

4.0

Total Course In-Class (Contact) Hours

108.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

54.0

Activity Hours

0.0

BIOSC-008 Human Biology

Units: 4.0

[Print Page](#)

[Back to department listing](#)

Description:

This is an introductory course for non-science majors that explore major biological principles as they apply to human beings. Problem solving and critical thinking skills will be emphasized as students investigate the structure and function of the human organism. Areas of study include the major body systems, human evolution, homeostasis, cells, tissues, heredity, gene expression, biotechnology and the interaction of humans and the environment. Weekly laboratory experiments on all major topics will allow the student to use the scientific method to gain knowledge and practical experience in the collection and analysis of data, and in drawing appropriate conclusions. This course meets the LMC General Education Requirement for Natural Sciences.

Requisites:**Advisory**

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:**CSU - General Education - Breadth Requirements:**

- Area B2: Life Science
- Area B3: Laboratory Activity

LMC Standard AA/AS - General Education Requirements:

- NS: Natural Sciences

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 5B: Biological Science
- Area 5C: Laboratory

Student Learning Outcomes:

- 1. Apply scientific inquiry to explore biological phenomena, that requires a hypothesis, and data collection with evaluation. Draw meaningful conclusions from the data that distinguishes between scientific and unscientific concepts about human biology. Report conclusions orally or in written form. (GESLO 6)
- 2. Describe the structure and function of human body systems and how chemical and molecular processes maintain the function of these systems.
- 3. Explain the relationship between genetics, gene expression, and how it relates to human health.
- 4. Evaluate the interdependence between human activities and the environment. Describe, orally and/or in writing, how this interdependence varies in different communities at both the local and global scale. (GESLO 1)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

4.0

Maximum Credit Units

4.0

Total Course In-Class (Contact) Hours

108.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

54.0

Activity Hours

0.0

BIOSC-030 Introduction to Anatomy and Physiology

Units: 4.0

[Print Page](#)

[Back to department listing](#)

Description:

This course explores the fundamentals of human anatomy and physiology, covering all of the systems of the body in one-semester. The course will provide students with an overview of normal human functions through an exploration of the interrelationships of the body's various structures with their functions based on the principles of homeostasis and includes a general review of the chemical reactions involved with metabolism and digestion.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

CSU - General Education - Breadth Requirements:

- Area B2: Life Science
- Area B3: Laboratory Science

LMC Local AA/AS - General Education Requirements:

- NS: Natural Sciences

Student Learning Outcomes:

- 1. Use appropriate terminology to effectively communicate aspects of human anatomy and physiology with various audiences.

- 2. Identify various anatomical structures (e.g., cells, tissues, organs) and describe the interrelationships between the structure and its functions.
- 3. Explain the various mechanisms used for regulating homeostasis and describe how body systems are integrated to maintain homeostasis.
- 4. Propose evidence-based hypotheses to explain how the human body functions in a real-world scenario, or provide a conclusion to the functions of various structures or the physiological regulations of the human body tested in laboratory settings.

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

4.0

Maximum Credit Units

4.0

Total Course In-Class (Contact) Hours

108.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

54.0

Activity Hours

0.0

BIOSC-045 Human Physiology

Units: 5.0

[Print Page](#)

[Back to department listing](#)

Description:

A comprehensive exploration of general human physiology that begins with a discussion of the molecular and cellular basis of physiology, followed by an analysis of molecular, cellular, and tissue functions as they relate to each of the systems of the body and the total human organism. Critical and quantitative thinking and problem solving will be emphasized, and modern physiological recording instruments will be utilized extensively to analyze human physiological function.

Requisites:**Advisory**

[BIOSC040 - Human Anatomy](#)

Advisory

[CHEM007 - Introduction to General, Organic and Biochemistry](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:**CSU - General Education - Breadth Requirements:**

- Area B2: Life Science
- Area B3: Laboratory Activity

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 5B: Biological Science
- Area 5C: Laboratory

LMC Local AA/AS - General Education Requirements:

- NS: Natural Sciences

C-ID:

- Biology

Comparable course: BIOL 120B

Student Learning Outcomes:

- CSLO#1 – Describe and explain the important physiological structures and processes of each system of the human body at the molecular, cellular, tissue, and organ levels, using scientific terminology.
- CSLO#2 – Explain how the human body maintains internal homeostasis.
- CSLO#3 – Correlate the physiological behavior of the human body with basic molecular and cellular principles.
- CSLO#4 – Use physiological laboratory tools (such as the microscope, electrocardiograph, and spirometer) to generate valid data.
- CSLO#5 – Compile, summarize, and analyze experimental data, infer conclusions from them, and relate them to basic physiological principles.

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours**Minimum Credit Units**

5.0

Maximum Credit Units

5.0

Total Course In-Class (Contact) Hours

162.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

108.0

Activity Hours

0.0

BIOSC-050 Microbiology

Units: 4.0

[Print Page](#)

[Back to department listing](#)

Description:

Explores the fundamental principles related to bacteria, viruses, and other microorganisms. Examines the microbial world with an emphasis on bacteria and their role in disease. Basic areas to be studied in the classroom and the laboratory include microbial characteristics, microbial metabolism, microbial growth and its control, microbial genetics and biotechnology, interactions between microbes and host, microorganisms and human disease, and industrial and environmental applications of microbiology. The process of scientific inquiry will be emphasized, and opportunities for analytical thinking and problem solving will be interwoven throughout the course. This course is intended for students in allied health majors.

Requisites:

Prerequisite

[CHEM006 - Introduction to Inorganic and Physical Chemistry](#)

Prerequisite

[CHEM007 - Introduction to General, Organic and Biochemistry](#)

Prerequisite

[CHEM025 - General College Chemistry I](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 5B: Biological Science

- Area 5C: Laboratory

CSU - General Education - Breadth Requirements:

- Area B2: Life Science
- Area B3: Laboratory Science

LMC Local AA/AS - General Education Requirements:

- NS: Natural Sciences

Student Learning Outcomes:

- Classify microbes by accepted microbiological schema, based on lecture materials, reference materials, and direct microscopic, macroscopic, biochemical, and genetic observation.
- Explain, predict, and describe the behavior of microbes, based on biological, chemical, and mathematical principles, given diverse conditions and treatments (GESLO 6)
- Use the basic laboratory tools and techniques of microbiology (e.g. the microscope, aseptic transfer technique, diverse culture media, genetic analysis) to produce valid experimental and phenomenological data.
- Summarize experimental data, analyze and enumerate relevant trends in that data, and propose the most appropriate conclusion(s) based on microbiological principles (GESLO 6)
- Relate a selected microbial disease to the basic principles of microbiology, explain the interrelationship between the given microbe and its human host, and enumerate the differential epidemiological impact of the disease globally and/or nationally (GESLO 5)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

4.0

Maximum Credit Units

4.0

Total Course In-Class (Contact) Hours

144.0

Course in class (contact) hours

Lecture Hours

36.0

Lab Hours

108.0

Activity Hours

0.0

BIOSC-020 Principles of Biology: Cell and Molecular

Units: 5.0

[Print Page](#)

[Back to department listing](#)

Description:

This is an integrated study of the central concepts of cell and molecular biology intended for biology majors. This course will cover the concepts and applications of prokaryotic and eukaryotic cytology, biochemical and metabolic pathways, proteomics, reproduction and genomics. The critical and creative process of scientific inquiry and the implications of scientific knowledge will be emphasized. Skills in critical thinking, problem solving, and effective learning will be employed throughout the course. Required for biological science majors. Students can receive Honors credit for this class. Contact the Honors Program for more information.

Requisites:

Prerequisite

Intermediate algebra or higher or eligibility for college-level math **Advisory**

AP High School Biology and/or AP High School Chemistry **Advisory**

[BIOSC010 - General Biology](#)

Advisory

[ENGL100 - College Composition](#)

Advisory

[CHEM025 - General College Chemistry I](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:**IGETC - Requirements for Students Transferring to CSU or UC:**

- Area 5B: Biological Science
- Area 5C: Laboratory

CSU - General Education - Breadth Requirements:

- Area B2: Life Science
- Area B3: Laboratory Activity

C-ID:

- Biology

Comparable course: BIOL 135S

LMC Local AA/AS - General Education Requirements:

- A. Natural Sciences

C-ID:

- Biology

Comparable course: BIOL 190

:

Student Learning Outcomes:

- 1. Apply biological principles through the process of making observations, formulating a scientific hypothesis, conducting an experiment, and working collaboratively to collect, analyze and report the data both in prose and in graphic form. (PSLO 1)
- 2. Relate how molecular and cellular form and function are correlated in organisms, allowing them to exhibit various characteristics of life. Identify the role of internal and external molecular and cellular structures during diverse metabolic processes. (PSLO 2)
- 3. Evaluate the role of the nucleic acids DNA and RNA during protein synthesis and discuss how protein synthesis is regulated. Explain how the universal language of these nucleic acids allows organisms to transmit traits from one generation to the next. (PSLO 2)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours**Minimum Credit Units**

5.0

Maximum Credit Units

5.0

Total Course In-Class (Contact) Hours

162.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

108.0

Activity Hours

0.0

BIOSC-021 Principles of Biology: Organismal

Units: 5.0

[Print Page](#)

[Back to department listing](#)

Description:

This is an integrated study of the vast array of organisms on this planet. It focuses on biological processes and principles that lead to increasing higher levels of organization. The course is centered on three major areas of study: evolutionary principles, unity and diversity of life and ecology. Major topics will include: origin of life, evolutionary mechanisms, evidence of evolution, speciation, diversity of life; plant form and function; population and community ecology; ecosystems and environmental concerns. Skills in critical thinking, problem solving and effective learning will be presented throughout the course. Laboratory methods, techniques and field work will be included with all major topics.

Requisites:

Prerequisite

Intermediate algebra or higher or eligibility for college-level math **Advisory**

[BIOSC010 - General Biology](#)

Advisory

BIOSC020 - Principles of Biology: Cell and Molecular

Advisory

High School AP Biology, AP Chemistry

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

CSU - General Education - Breadth Requirements:

- Area B2: Life Science
- Area B3: Laboratory Activity

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 5B: Biological Science
- Area 5C: Laboratory

C-ID:

- Biology

Comparable course: BIOL 135S

BIOL 140

Student Learning Outcomes:

- CSLO #1. Work collaboratively to design scientific questions, defend experimental decisions, and communicate findings. (PSLO #1)
- CSLO # 2. Analyze the relationship of structure & function at the cellular and organismal level. (PSLO#2)
- CSLO # 3. Describe how evolutionary processes explain the similarities and differences among organisms. (PSLO#3)
- CSLO # 4. Illustrate the interdependency among living and non-living things in diverse and changing ecosystems. (PSLO#4)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

5.0

Maximum Credit Units

5.0

Total Course In-Class (Contact) Hours

162.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

108.0

Activity Hours

0.0

Counseling

Program Information

Courses listed below.

Course Information

[COUNS030 - Orientation to College](#)

[COUNS031 - Educational Planning](#)

[COUNS032 - Introduction to Career Exploration](#)

[COUNS033 - Transfer Planning](#)

[COUNS034 - College Success](#)

[COUNS035 - Theories and Application of Learning in College](#)

[COUNS036 - Career & Life Planning](#)

[COUNS038 - Managing Anxiety and Stress for College Success](#)

[COUNS045 - MESA/STEM Scholars Success](#)

[Back to department listing](#)

COUNS-030 Orientation to College

Units: 1.5

[Print Page](#)

[Back to department listing](#)

Description:

This course is designed for first-time students to understand navigating the higher educational system, orientation to Los Medanos College and develop skills for success in the online classroom. We will cover academic policies, resources, academic programs and services; introduction LMC's majors, degrees and transfer opportunities. The class will focus on academic goal completion, California system of higher education; standards of scholarship, formation of a comprehensive educational plan. The course covers topics including: use of student services, online learning readiness, LMC certificates, associate degrees, and requirements for transfer.

Requisites:

Advisory

Students are strongly encouraged to complete the online orientation and guided self-placements for math and English prior to enrolling in this course.

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Clearly articulate their educational goal including specific requirements and resources needed.
- Identify and effectively use college resources, such as the insite portal, as well as student support services necessary for individual success.
- 3. Demonstrate understanding in how to reach their educational goal and develop a comprehensive educational plan.
- 4. Demonstrate the knowledge and understanding of the goals and background of the 3SP process: assessment, orientation and educational plan.
- 5. Apply and demonstrate critical thinking in reading college policies such as academic scholarship, maintaining good standing, and repeatability; and problem solving around their educational issues.
- 6. Successfully demonstrate knowledge and skills for successful preparation to take a fully or partial online course.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

1.5

Maximum Credit Units

1.5

Total Course In-Class (Contact) Hours

27.0

Course in class (contact) hours

Lecture Hours

27.0

Lab Hours

0.0

Activity Hours

0.0

COUNS-031 Educational Planning

Units: 0.3

[Print Page](#)

[Back to department listing](#)

Description:

This course is an introduction to educational goal setting and planning. Students taking the course will develop an educational plan outlining their courses to meet their educational goal. Topics covered include identifying educational goals, selecting majors, academic assessment, and counseling and advising services.

Requisites:

Advisory

Students are strongly encouraged to complete the online orientation and guided self-placements for math and English prior to enrolling in this course.

Course Note:

None

Enrollment Limitation:

None

Transferable:

Not transferable

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Evaluate, compare, and contrast the different structures of public and private higher education in California: Community Colleges, California State University, University of California, and private four year colleges and universities both in and out-of-state.
- CSLO 2: Identify the requirements of LMC certificate programs, associate degrees, and associate degrees for transfer.
- CSLO 3: Evaluate assessments in English and math courses to select the appropriate courses for the creation of their educational plan.

Grade Options:

- Pass/No Pass (P/NP)

Toggle

Units and Hours

Minimum Credit Units

0.3

Maximum Credit Units

0.3

Total Course In-Class (Contact) Hours

6.0

Course in class (contact) hours

Lecture Hours

6.0

Lab Hours

0.0

Activity Hours

0.0

COUNS-032 Introduction to Career Exploration

Units: 1.5

[Print Page](#)

[Back to department listing](#)

Description:

This course is an intense career exploration designed to engage students in their own career development. Topics include how to realistically assess, review, and interpret various areas such as interests, attitudes, values, priorities, skills and strengths, goals, and career options in the current job market. This course also covers financial literacy.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Develop an educational goal and the appropriate pathway to achieve their goal (Use career center resources to research and identify college majors and transfer options)
- CSLO 2: Align their skills, interests, abilities, and values to appropriate career options
- CSLO 3: Utilize personality assessment data to evaluate appropriate work environments for themselves (including financial literacy)

Grade Options:

- Pass/No Pass (P/NP)

Toggle

Units and Hours

Minimum Credit Units

1.5

Maximum Credit Units

1.5

Total Course In-Class (Contact) Hours

27.0

Course in class (contact) hours

Lecture Hours

27.0

Lab Hours

0.0

Activity Hours

0.0

COUNS-033 Transfer Planning

Units: 1.5

[Print Page](#)

[Back to department listing](#)

Description:

This course enables students to become active participants in planning their continuing education by providing students with information necessary to evaluate universities, plan required coursework, explore housing, financial aid, and to familiarize themselves with programs and services offered at universities.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Define and describe the organizational structure and opportunities of higher education, for example: California Community Colleges, California State University, University of California, independent and out-of state colleges and universities.
- 2. Identify entrance requirements necessary for admission and eligibility to the colleges of their choice.
- 3. Demonstrate proficiency in conducting research related to the transfer process utilizing resources including the Transfer Center, learning communities, current technology and online resources (i.e. CSUMentor, University of California Transfer Admission Planner (TAP), AICCU website, HBCU CCCCCO website, ASSIST.org, YouTube videos, etc.).
- 4. Design and develop an individualized, well-organized academic and financial strategy for completing successful transfer.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

1.5

Maximum Credit Units

1.5

Total Course In-Class (Contact) Hours

27.0

Course in class (contact) hours

Lecture Hours

27.0

Lab Hours

0.0

Activity Hours

0.0

COUNS-034 College Success

Units: 1.5

[Print Page](#)

[Back to department listing](#)

Description:

This course is designed to help students develop the critical thinking skills and personal confidence necessary to succeed in college. Topics will include problem-solving techniques, learning styles, time- management, goal-setting, study skills and test-taking strategies, stress management and LMC support services.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Students will identify their educational goals and personal and academic barriers to achieving those goals.
- 2. Students will successfully navigate college resources to support their academic success.
- 3. Students will demonstrate effective study skills and strategies.

Grade Options:

- Pass/No Pass (P/NP)

Toggle

Units and Hours

Minimum Credit Units

1.5

Maximum Credit Units

1.5

Total Course In-Class (Contact) Hours

27.0

Course in class (contact) hours

Lecture Hours

27.0

Lab Hours

0.0

Activity Hours

0.0

COUNS-035 Theories and Application of Learning in College

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course provides students with theoretical and pragmatic solutions to the demands of being a college student. Topics include principles of adult learning, psychosocial and biological underpinnings, and everyday practices for succeeding in higher education. Students will learn to evaluate their own study methods and maximize them for personal success. This course is designed to fulfill Area E under CSU requirements (Lifelong Learning and Self-development).

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

CSU - General Education - Breadth Requirements:

- Area E: Lifelong Learning and Self-Development

Student Learning Outcomes:

- 1. Apply theories related to learning principles, including: brain functioning, working and long term memory, multiple modes of learning, multiple intelligences and cognitive processing.

- 2. Critically analyze how they learn, evaluate what is needed to facilitate their own learning style, and subsequently develop strategies for self-improvement.
- 3. Demonstrate an appreciation of diversity (including disability) in the college experience. They will also demonstrate adaptive strategies in dealing with any related situations they might encounter.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

COUNS-036 Career & Life Planning

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

In this course students will engage in in-depth career and life planning. Students will learn research strategies to make effective career and major choices, using a variety of techniques to find, retrieve, and evaluate career planning information. Students will use career assessments to identify their preferred work values, interests, skills, and personality traits. Research will then focus on the exploration of labor market needs; educational and employment requirements; and career ladders within given professions resulting in an effective educational and job search plan. This course will help students develop psychological 'soft skills' in the domain of human relations such as interpersonal communication, self-esteem and professional confidence, emotional intelligence, conflict resolution, and effective collaboration in team-building skills. May not be repeated.

Requisites:**Advisory**

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:**CSU - General Education - Breadth Requirements:**

- Area E: Lifelong Learning and Self-Development

Student Learning Outcomes:

- CSLO 1: Develop and evaluate college major and career options by analyzing a multitude of factors involved in career development such as personality, values, skills, interests, attitudes, family, and culture.
- CSLO 2: Research and appraise college major and career options by utilizing various resources such as on-campus, online, and in-person.

- CSLO 3: Demonstrate critical thinking and decision-making skills as they apply to their personal knowledge and understanding of concepts and issues related to career development.

Grade Options:

None

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours**Lecture Hours**

54.0

Lab Hours

0.0

Activity Hours

0.0

COUNS-038 Managing Anxiety and Stress for College Success

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course covers the theoretical frameworks of stress and anxiety and research-based techniques for coping and management. Topics include the stress response, defining anxiety, common sources of stress and anxiety in college and in a diverse society, the physiological and psychological effects of stress and anxiety, and the long term effects of chronic stress. Numerous evidence-based techniques to manage and cope with stress and anxiety will be covered and practiced.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

CSU - General Education - Breadth Requirements:

- Area E: Lifelong Learning and Self-Development

Student Learning Outcomes:

- Describe the physiological, mental, and emotional effects of anxiety and stress on the college student.
- Analyze causes of anxiety and stress in modern society including the impact of trauma on the stress response.
- Apply various effective evidence-based stress and anxiety management techniques.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

COUNS-045 MESA/STEM Scholars Success

Units: 1.5

[Print Page](#)

[Back to department listing](#)

Description:

This course is designed for students who participate or are interested in the Mathematics, Engineering, Science Achievement Program at Los Medanos College. The course will introduce students to the STEM career paths, transfer requirements, internship, and scholarship availabilities. The course will assist the student in compiling strengths-based resumes and personal statements.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Not transferable

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Create strengths-based personal statement, resume and online profile for the Science, Technology, Engineering, and Mathematics (STEM) field. Describe and explain the goals of MESA and the transfer process for the student's chosen STEM major
- CSLO 2: Demonstrate knowledge of student support services, undergraduate research internships, and professional STEM organizations that support STEM educational and professional goals.
- CSLO 3: Define personal education path and goals, career interest and goals for STEM majors and STEM Careers

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

1.5

Maximum Credit Units

1.5

Total Course In-Class (Contact) Hours

27.0

Course in class (contact) hours

Lecture Hours

27.0

Lab Hours

0.0

Activity Hours

0.0

COUNS-098 Independent Study in Counseling

Units: 0.5-3.0

[Print Page](#)

[Back to department listing](#)

Description:

Provides students an opportunity to design and pursue their own interests within a particular area. Projects reflecting cultural diversity and/or societal issues will be greatly encouraged. A contract must be drawn between the student and the instructor stipulating the goals of the independent study, the content, the method of approach, the estimated time involved, and the periodic evaluation to be used. Minimum 1 hour per week with instructor plus 54 hours of contracted work for each unit of credit. May not be repeated.

Requisites:

None

Course Note:

Submission of acceptable educational contract to department and Instruction Office is required.

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- Meet outcomes as specified in the approved Application for Independent Study.
- Gain knowledge and skill through the successful completion of an independent study course.
- Demonstrate and/or apply independent academic learning skills.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

0.5

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

162.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

162.0

Activity Hours

0.0

Economics

Program Information

Courses listed below.

Course Information

[ECON005 - Economic History of the United States](#)

[ECON010 - Principles of Microeconomics](#)

[ECON011 - Principles of Macroeconomics](#)

[ECON098 - Independent Study in Economics](#)

[Back to department listing](#)

ECON-005 Economic History of the United States

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

ECON-005 provides an examination of the origin and development of the American Economy from the colonial era to the present time. Topics studied include the following: colonial policies, land and resource use, industrial and economic growth, role of immigration and ethnic/cultural groups, the transport revolution, the development of money, banking and trade patterns, as well as the role of the government. This course applies the economic context in which the American society, culture and political institutions evolved during the agricultural and extractive era, the industrial era and the current era.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 4F: History

CSU - General Education - Breadth Requirements:

- Area D: Social Sciences

LMC Standard AA/AS - General Education Requirements:

- SB: Social and Behavioral Sciences

Student Learning Outcomes:

- CSLO 1: Read critically and communicate effectively as a writer and speaker about the political, social and cultural forces underlying the historical economic development of the United States of America. (GE SLO 1 and 2).
- CSLO 2: Think critically and creatively to illustrate how an understanding of the past enables us to better analyze current events and prepare for the future. (GE SLO 3).
- CSLO 3: Consider the ethical or normative implications underlying the evolution of American historical and economic events and policies. (GE SLO 4).
- CSLO 4: Possess a worldview informed by diverse social, multicultural and global perspective regarding the course of development and growth of the American economy. (GE SLO 5).

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

ECON-010 Principles of Microeconomics

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This is an introductory course focusing on choices of individual economic decision-makers. Topics include scarcity, specialization and trade, demand, supply and market equilibrium, elasticity, production and cost theory, market structures, factor markets, and market failure.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Prerequisite

Elementary Algebra or eligibility for transfer level math **Advisory**
intermediate Algebra

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:**IGETC - Requirements for Students Transferring to CSU or UC:**

- Area 4B: Economics

CSU - General Education - Breadth Requirements:

- Area D: Social Sciences

LMC Standard AA/AS - General Education Requirements:

- SB: Social and Behavioral Sciences

Student Learning Outcomes:

- 1. Utilize the concept of scarcity to explain economic trade-offs, opportunity costs, and rational behavior while applying the tools of reading, writing, and speaking across the curriculum
- 2. Calculate, interpret, and analyze measures of elasticity and its applications
- 3. Demonstrate how markets function and what happens in the presence of market failures and consider the ethical implications associated with negative externalities such as pollution
- 4. Analyze production and costs of the firm considering a global perspective
- 5. Demonstrate how firms attempt to optimize their objectives in response to price signals under a variety of market structures in the short and long-run

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

ECON-011 Principles of Macroeconomics

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This is an introductory course focusing on aggregate economic analysis. Topics include: market systems, aggregate measures of economic activity, macroeconomic equilibrium, money and financial institutions, monetary and fiscal policy, international economics, and economic growth.

Requisites:

Advisory

[ECON010 - Principles of Microeconomics](#)

Prerequisite

Elementary Algebra or eligibility for transfer level math **Advisory**
intermediate Algebra

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:**CSU - General Education - Breadth Requirements:**

- Area D: Social Sciences

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 4B: Economics

LMC Local AA/AS - General Education Requirements:

- SB: Social and Behavioral Sciences

Student Learning Outcomes:

- 1. Identify and interpret macroeconomic data incorporating reading, writing and speaking
- 2. Apply macroeconomic models to understand the economy using critical thinking and creative skills
- 3. Analyze the economic impacts of monetary and fiscal policy while incorporating a worldview informed by diverse and global perspectives
- 4. Demonstrate an understanding of the function of the central bank and the banking system and the ethical implications of institutional practices

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

ECON-098 Independent Study in Economics

Units: 0.5-3.0

[Print Page](#)

[Back to department listing](#)

Description:

Provides students an opportunity to design and pursue their own interests within a particular area. Projects reflecting cultural diversity and/or societal issues will be greatly encouraged. A contract must be drawn between the student and the instructor stipulating the goals of the independent study, the content, the method of approach, the estimated time involved, and the periodic evaluation to be used. Minimum 1 hour per week with instructor plus 54 hours of contracted work for each unit of credit. May not be repeated.

Requisites:

None

Course Note:

Submission of acceptable educational contract to department and Instruction Office is required.

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- Meet outcomes as specified in the approved Application for Independent Study.
- Gain knowledge and skill through the successful completion of an independent study course.
- Demonstrate and/or apply independent academic learning skills

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

0.5

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

162.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

162.0

Activity Hours

0.0

Education

Program Information

Courses listed below.

Course Information

[EDUC100 - Introduction to Classroom Teaching](#)

[Back to department listing](#)

Introduction to Classroom Teaching

EDUC100:

3.0 Units

This course introduces students to the concepts and issues related to teaching diverse learners in today's contemporary schools, Kindergarten through grade 12 (K-12). Topics include teaching as a profession and career, historical and philosophical foundations of the American education system, contemporary educational issues, Common Core standards, and teacher performance standards. In addition to class time, the course requires a minimum of 45 hours of structured fieldwork in public school classrooms that represent California's diverse student population, and includes cooperation with at least one carefully selected and campus-approved certificated classroom teacher.

Toggle

Overview

Requisites:

Advisory

[ENGL100 - College Composition](#)

Transferable:

Transferable to both UC and CSU

Fees:

\$Students may have to pay for fingerprints and child abuse index clearance. This will not cost more than \$125. (Materials fee)

Toggle

Specifications

Weekly Lecture Hours:

3.0

Fees:

\$Students may have to pay for fingerprints and child abuse index clearance. This will not cost more than \$125. (Materials fee)

Textbooks:

- Introduction to Education by Jennifer Kidd, Jamie Kaufman, Peter Baker, Patrick O'Shea, Dwight Allen & Old Dominion U students, July 20, 2021. ISBN:

Toggle

Learning Outcomes

SLO:

CSLO 1: Describe and explain the personal characteristics and requirements necessary to become a public school teacher in California.

CSLO 2: In writing, critically and creatively review the development and history of schooling in the United States and use this information to analyze current educational issues within a global context.

CSLO 3: Identify appropriate strategies and resources for meeting the diverse needs of students and effectively communicate these strategies.

CSLO 4: Demonstrate knowledge of professional standards and professionalism as well as analyze ethical issues within education and in a public school classroom. (GESLO 3)

CSLO 5: Develop a self-care plan that can be used as a teacher

Toggle

Units and Hours

Default Profile

Minimum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Total Student Learning Hours

162.0

Maximum Credit Units

3.0

Total Course Out-of-Class Hours

108.0

Faculty Load

0.0

Detail

Weekly Student Hours

In Class

Out of Class

Lecture Hours

3.0

6.0

Lab Hours

0.0

0.0

Activity Hours

0.0

0.0

Course Student Hours

Course Duration (Weeks)

18.0

Hours per unit divisor

54.0

Course In-Class (Contact) Hours

Lecture

54.0

Lab

0.0

Activity

0.0

Total

54.0

Course Out-of-Class Hours

Lecture

108.0

Lab

0.0

Activity

0.0

Total

108.0

Toggle

Cohort

Cohort Number

Cohort 2

[Register Now Contact Us](#)

Emergency Medical Services

Program Information

Degree(s) and/or certificates and courses listed below.

Degrees and Certificates

[Emergency Medical Services College Skills Certificate](#)

[Emergency Medical Services Recertification College Skills Certificate](#)

Course Information

[EMS007 - Introduction to Healthcare Careers](#)

[EMS008 - First Aid of Infants & Children](#)

[EMS009 - Emergency Medical Responder/Public Safety First Aid, CPR and AED](#)

[EMS010 - Emergency Medical Technician Academy](#)

[EMS011 - Emergency Medical Technician I- Recertification](#)

[EMS013 - Medical Terminology for Health Care Professions](#)

[EMS014 - Healthcare Provider CPR](#)

[EMS098 - Independent Study in Emergency Medical Services](#)

[EMS170 - Occupational Work Experience Education In Emergency Medical Services](#)

[EMS180 - Internship in Emergency Medical Services Technology](#)

[Back to department listing](#)

Emergency Medical Services College Skills Certificate

College Skills Certificate

[Print Page](#)

[Back to department listing](#)

Units:

8.0 units

PREREQUISITE: Students must be 18 years of age by the date the course begins. Students must have a current CPR card for BLS Healthcare Provider issued by the American Heart Association and it must remain valid for the duration of the EMS-010. Special note: Successful completion of ** EMS-014 ** meets the above prerequisite. **ADVISORY:** EMS-007; EMS-009; EMS-013; eligibility for ENGL095; Background checks, toxicology screenings and immunization for those students placed in Hospitals clinical internships. Medical clearance form and proof of inoculations, see below. This course provides instruction and training to prepare students for certification as an Emergency Medical Technician (EMT-B) and to work in an entry-level position as an Ambulance Attendant, Emergency Room Technician, or other specialized services. This course is instructed in compliance with Department of Transportation (DOT) National EMS Education Standards (DOT HS 811 077A, January 2009), and is approved by the Contra Costa County - Emergency Medical Services Administration (Title 22) and the National Registry of EMTs. Successful students will be prepared for the EMT psychomotor and written certification exams through the National Registry. This course requires participation in clinical experiences taking place in emergency room departments of hospitals and in operational ambulance units. A minimum of 24 hours and 10 patient contacts is mandated. Students will be required to schedule and complete these clinical experiences outside of the classroom to meet course requirements. Students must show vaccination records and documentation of a current TB test, Hepatitis B, MMR, tetanus, and proof of varicella (chicken pox) and any other type of vaccination required by our partners in hospital or EMS providers. Students must also have a medical examination using DMV Form 51 or LMC Physical Clearance Form. Lastly, this Academy has mandatory uniform and safety gear requirements. The cost of these items is between \$125-300 depending on brand and quantity. A comprehensive list of uniform and safety gear/PPE requirements will be given to the student during our Mandatory Pre-EMT Academy Orientation. May not be repeated. LR

Toggle

Program Learning Outcomes

- 1. Be academically prepared to obtain an entry-level position in the Public Safety, Child Care, Fire Technology, Emergency Medical Services and other Allied Health occupations
- 2. Demonstrate strong communication and interpersonal skills.
- 3. Appropriately apply industry materials, procedures and technologies as relates to this discipline

Toggle

Program Requirements

College Skills Certificate

Required Course for Major (Total 8)

Complete all of the following

[EMS010 - Emergency Medical Technician Academy 8](#)

Emergency Medical Services Recertification College Skills Certificate

College Skills Certificate

[Print Page](#)

[Back to department listing](#)

Units:

1.0 units

PREREQUISITE: Students must have EMT-Basic Certification and have a current CPR card for BLS Healthcare Provider issued by the American Heart Association and it must remain valid for the duration of the EMS-011 class. **ADVISORY:** Eligibility for ENGL-100 Provides training and knowledge required for Recertification for Emergency Medical Technician I as outlined by the State of California. EMT Certification is the minimum requirement for ambulance attendants and is a prerequisite for the Paramedic program, as well as most entry level firefighter positions. Content includes review of: (1) basic life-support measures; (2) cardiopulmonary resuscitation; and (3) use of emergency medical equipment and supplies. Twenty-four hours of continuing education for EMT-B. EMT certification is the minimum requirement for ambulance attendants and is a prerequisite for the Paramedic program and most entry level firefighter positions. This course is instructed in compliance with Department of Transportation (DOT) National EMS Education Standards (DOT HS 811 077A, January 2009), and is approved by the Contra Costa County - Emergency Medical Services Administration (Title 22) and the National Registry of EMTs. Four hours of continuing education for EMT-B expanded scope skills of the administration of Naloxone, Epinephrine and use of the Glucometer, as required by Title 22 Div. 9 Chapter 2, as well as the US DOT HS 811 077A. May not be repeated. SC

Toggle

Program Learning Outcomes

- 1. Be academically prepared to obtain an entry-level position in the Public Safety, Child Care, Fire Technology, Emergency Medical Services and other Allied Health occupations.
- 2. Demonstrate strong communication and interpersonal skills
- 3. Appropriately apply industry materials, procedures and technologies as relates to this discipline

Toggle

Program Requirements

College Skills Certificate

Required Course for Major (Total 1)

Complete all of the following

[EMS011 - Emergency Medical Technician I- Recertification 1](#)

EMS-013 Medical Terminology for Health Care Professions

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

(formerly BUS-086) The course focuses on analysis of medical terms by body system incorporating structure, body systems, and basic anatomy, physiology, and disease processes. Emphasis is placed on spelling, usage and pronunciation of medical terms and also on a basic understanding of body systems with an emphasis on the pathophysiology of disease.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO-1 Apply rules for defining medical terms using word roots, suffixes and prefixes
- CSLO-2 Analyze, define and use medical terminology appropriately in health care situations. Apply rules for defining medical terms and using words roots, suffixes and prefixes.
- CSLO-3 Model the behavior expected of a medical professional such as: empathy, intercommunications skills, respect and diplomacy.
- CSLO-4 Define and interpret medical terms as they appear in the context of a medical record and Pronounce medicals terms accurately

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

EMS-007 Introduction to Healthcare Careers

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course provides a foundational overview of health care careers and their respective career paths, educational requirements, and professional responsibilities. It also covers basic skills needed for health-related careers in general, such as personal qualities, professionalism, teamwork, and communication. The purpose of this class is to assist the student in making educational/career decisions.

Requisites:

Advisory

[BIOSC030 - Introduction to Anatomy and Physiology](#)

Advisory

BUS-086

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Demonstrate knowledge of various health care careers, their respective roles and responsibilities, and required education/training requirements for each career.
- 2. Demonstrate the knowledge and skills common to all health care careers: personal/professional qualities, health care communication, critical thinking, teamwork, medical terminology, documentation, safety and infection control, and measurement of vital signs.
- 3. Demonstrate the knowledge of first aid/emergency procedures.

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

EMS-010 Emergency Medical Technician Academy

Units: 8.0

[Print Page](#)

[Back to department listing](#)

Description:

This course provides instruction and training to prepare students for certification as an Emergency Medical Technician (EMT-B) and to work in an entry-level position as an Ambulance Attendant, Emergency Room Technician, or other specialized services. This course is instructed in compliance with Department of Transportation (DOT) National EMS Education Standards (DOT HS 811 077A, January 2009), and is approved by the Contra Costa County - Emergency Medical Services Administration (Title 22) and the National Registry of EMTs. Successful students will be prepared for the EMT psychomotor and written certification exams through the National Registry. This course

requires participation in clinical experiences taking place in emergency room departments of hospitals and in operational ambulance units. A minimum of 24 hours and 10 patient contacts is mandated. Students will be required to schedule and complete these clinical experiences outside of the classroom to meet course requirements. Students must show vaccination records and documentation of a current TB test, Hepatitis B, MMR, tetanus, and proof of varicella (chicken pox) and any other type of vaccination required by our partners in hospital or EMS providers. Students must also have a medical examination using DMV Form 51 or LMC Physical Clearance Form.

Requisites:

Prerequisite

[EMS014 - Healthcare Provider CPR](#)

Advisory

[EMS007 - Introduction to Healthcare Careers](#)

Advisory

[EMS009 - Emergency Medical Responder/Public Safety First Aid, CPR and AED](#)

Advisory

Background checks, toxicology screenings and immunization records for those students placed in hospitals clinical internships. Medical clearance form and proof of vaccinations (see below) for all clinical experiences.

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Explain the roles, responsibilities, and scope of practice of the EMT-B as outlined by Title 22 of the State of California. (PSLO 1)

- 2. Identify patient conditions and apply knowledge of pathophysiology and disease and injury processes to formulate a treatment plan. (PSLO 1, 2)
- 3. Apply treatment skills and equipment to stabilize and transport patients according to a treatment plan. (PSLO 1, 2, 3, 4,5)
- 4. As part of a team, assist paramedics and other EMS professionals with patient care within the EMT-B scope of practice. (PSLO 3, 4,5)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

8.0

Maximum Credit Units

8.0

Total Course In-Class (Contact) Hours

216.0

Course in class (contact) hours

Lecture Hours

108.0

Lab Hours

108.0

Activity Hours

0.0

EMS-011 Emergency Medical Technician I- Recertification

Units: 0.5

[Print Page](#)

[Back to department listing](#)

Description:

Provides training and knowledge required for Recertification for Emergency Medical Technician I as outlined by the State of California. EMT Certification is the minimum requirement for ambulance attendants and is a prerequisite for the Paramedic program, as well as most entry level firefighter positions. Content includes review of (1) basic life-support measures; (2) cardiopulmonary resuscitation; and (3) use of emergency medical equipment and supplies. Twenty-four hours of continuing education for EMT-B. EMT certification is the minimum requirement for ambulance attendants and is a prerequisite for the Paramedic program and most entry level firefighter positions. This course is instructed in compliance with Department of Transportation (DOT) National EMS Education Standards (DOT HS 811 077A, January 2009), and is approved by the Contra Costa County Emergency Medical Services Administration (Title 22) and the National Registry of EMTs. Four hours of continuing education for EMT-B expanded scope skills of the administration of Naloxone, Epinephrine and use of the Glucometer, as required by Title 22 Div. 9 Chapter 2, as well as the US DOT HS 81 1 077A.

Requisites:**Prerequisite**

Students must have EMT-Basic Certification and have a current CPR card for BLS Healthcare Provider issued by the American Heart Association and it must remain valid for the duration of the EMS-011 class.

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Not transferable

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Explain the roles and responsibilities of the EMT-1 as outlined by the Title 22 of the State of California.
- 2. Demonstrate competency in the overall course content which includes all subjects & skills listed in Title 22 of the State of California. (PLSO 1-5)
- 3. Assist Paramedics with patient care within the EMT – 1 scope of practice. (PLSO 2, 4, 5)
- 4. On a simulated patient, demonstrate use of specific treatment skills based upon adequate and complete physical assessment findings. (PSLO 1-5)
- 5. Prepared to successfully pass the National Registry EMT written exam as required for EMT-1 certification in the State of California. (PSLO 1-4)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

0.5

Maximum Credit Units

0.5

Total Course In-Class (Contact) Hours

28.0

Course in class (contact) hours

Lecture Hours

14.0

Lab Hours

14.0

Activity Hours

0.0

EMS-008 First Aid of Infants & Children

Units: 0.5

[Print Page](#)

[Back to department listing](#)

Description:

This course meets requirement for Core Content for Child Care Health and Safety Training/ Education on Preventive Health Practices for the Department of Social Services Community Care Licensing (Health and Safety Code Section 1596.866) and includes pediatric cardiopulmonary resuscitation, pediatric first aid, recognition, management and prevention of infectious diseases, including immunizations, prevention of childhood injuries and implementing universal precautions in child care programs.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Not transferable

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Identify common environmental hazards in the home and child care setting.
- 2. Implement universal precautions to prevent transmission of disease in a child care setting.
- 3. Identify the sequence of childhood immunizations and the appropriate timing for each immunization in accordance with disease prevention.

- 4. Prioritize the safety considerations for the child and the care worker in rendering first aid.
- 5. Use proper CPR technique for the child and infant according to the American Heart Association guidelines.

Grade Options:

- Pass/No Pass (P/NP)

Toggle

Units and Hours**Minimum Credit Units**

0.5

Maximum Credit Units

0.5

Total Course In-Class (Contact) Hours

11.5

Course in class (contact) hours

Lecture Hours

9.0

Lab Hours

2.5

Activity Hours

0.0

EMS-014 Healthcare Provider CPR

Units: 0.3

[Print Page](#)

[Back to department listing](#)

Description:

Basic skills and knowledge necessary to maintain oxygenation and blood circulation in a victim of cardiac arrest. Successful completion qualifies the student for certification as a Healthcare Provider by the American Heart Association 2015 guidelines. EMS-014 is intended for individuals whose primary responsibility is providing patient care such as Doctors, Nurses, Paramedics, EMTs, Firefighters and other allied health personnel.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Not transferable

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Identify the signs and symptoms associated with the major cardiac emergencies in adults as outline by the American Heart Association BLS guidelines.
- 2. Perform one person and two person CPR on adult, child and infant following the guidelines of the American Heart Association.
- 3. Identify the signs of a foreign body airway obstruction and determine proper action for the responsive and unresponsive adult, child, and infant.

Grade Options:

- Pass/No Pass (P/NP)

Toggle

Units and Hours

Minimum Credit Units

0.3

Maximum Credit Units

0.3

Total Course In-Class (Contact) Hours

9.0

Course in class (contact) hours

Lecture Hours

5.0

Lab Hours

4.0

Activity Hours

0.0

EMS-170 Occupational Work Experience Education In Emergency Medical Services

Units: 1.0-4.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is for students whose work is related to their major. Occupational Work Experience Education provides students with opportunities to develop marketable skills in preparation for employment or advancement within their current job. To participate in cooperative work experience education, students must be employed or formally volunteer and undertake new or expanded responsibilities. Students, with faculty and employer approval, will develop and successfully complete one learning objective for each unit of credit in which they enroll. Additionally, students must work 75 paid hours or 60 non-paid hours for each unit of credit earned. Students may earn up to 8 units per semester and may repeat for a maximum of 16 units of occupational work experience during community college attendance which may be applied as electives toward graduation.

Requisites:

None

Course Note:

Work Experience Education Requirements

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

Section 55253. College Credit and Repetition The amendment to Title 5 created an exception to the general rule for repetition of activity courses to allow students to take the full number of units of cooperative work experience, which would otherwise be allowed. (b) If a college offers only one course in occupational work experience in a given field and that course is not offered as a variable unit open entry/open-exit course, the district policy on course repetition adopted pursuant to section 55040 may permit a student to repeat that course any number of times so long as the student does not exceed the limits on the number of units of cooperative work experience education set forth in subdivision (a). Consistent with section 58161, attendance of a student repeating a cooperative work experience course pursuant to this subdivision may be claimed for state apportionment.

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Apply professionalism and work ethic skills including personal accountability, work habits, punctuality, working productively with others, and managing time and work load.
- CSLO 2: Work in collaborative relationships with colleagues and customers and be able to work with diverse teams, negotiate, and manage conflicts.
- CSLO 3: Apply critical thinking and problem solving skills by using sound reasoning and analytical thinking as well as using knowledge, facts, and data to solve workplace problems.
- CSLO 4: Communicate thoughts and ideas clearly and effectively using public speaking skills and the ability to write clearly and effectively
- CSLO 5: Utilize, under direct supervision, knowledge, skills and abilities acquired during prior or concurrent college course work directly related to workplace responsibilities by applying appropriate Course-Level Student Learning Outcomes from a college course to the student's place of employment.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

1.0

Maximum Credit Units

4.0

Total Course In-Class (Contact) Hours

300.0

Course in class (contact) hours**Lecture Hours**

0.0

Lab Hours

300.0

Activity Hours

0.0

EMS-180 Internship in Emergency Medical Services Technology

Units: 1.0-4.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is for students who have declared a major, have taken classes in the major, and are ready for on-the-job experience in a paid or unpaid position. An internship involves working in a skilled or professional level assignment in the area of a student's vocational or academic major or field of interest. Students, with faculty and employer approval, will apply college-acquired knowledge, skills and abilities as well as acquire new learning to prepare for a career in their chosen field. Students must work 75 paid hours or 60 non-paid hours for each unit of credit earned. Students may earn a maximum of 16 units of occupational work experience internship during community college attendance which may be applied as electives toward graduation. 12 units are transferable to CSU.

Requisites:

None

Course Note:

Work Experience Education Requirements

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

Section 55253. College Credit and Repetition The amendment to Title 5 created an exception to the general rule for repetition of activity courses to allow students to take the full number of units of cooperative work experience, which would otherwise be allowed. (b) If a college offers only one course in occupational work experience in a given field and that course is not offered as a variable unit open entry/open-exit course, the district policy on course repetition adopted pursuant to section 55040 may permit a student to repeat that course any number of times so long as the student does not exceed the limits on the number of units of cooperative work experience education set forth in subdivision (a). Consistent with section 58161, attendance of a student repeating a cooperative work experience course pursuant to this subdivision may be claimed for state apportionment.

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Apply professionalism and work ethic skills including personal accountability, work habits, punctuality, working productively with others, and managing time and work load.
- CSLO 2: Work in collaborative relationships with colleagues and customers and be able to work with diverse teams, negotiate, and manage conflicts.
- CSLO 3: Apply critical thinking and problem solving skills by using sound reasoning and analytical thinking as well as using knowledge, facts, and data to solve workplace problems.
- CSLO 4: Communicate thoughts and ideas clearly and effectively using public speaking skills and the ability to write clearly and effectively.
- CSLO 5: Utilize, under direct supervision, knowledge, skills and abilities acquired during prior or concurrent college course work directly related to work place responsibilities by applying appropriate Course-Level Student Learning Outcomes from a college course to the internship.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

1.0

Maximum Credit Units

4.0

Total Course In-Class (Contact) Hours

300.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

300.0

Activity Hours

0.0

EMS-098 Independent Study in Emergency Medical Services

Units: 0.5-3.0

[Print Page](#)

[Back to department listing](#)

Description:

Provides students an opportunity to design and pursue their own interests within a particular area. Projects reflecting cultural diversity and/or societal issues will be greatly encouraged. A contract must be drawn between the student and the instructor stipulating the goals of the independent study, the content, the method of approach, the estimated time involved, and the periodic evaluation to be

used. Minimum 1 hour per week with instructor plus 54 hours of contracted work for each unit of credit. May not be repeated.

Requisites:

None

Course Note:

Submission of acceptable educational contract to department and Instruction Office is required.

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- Meet outcomes as specified in the approved Application for Independent Study.
- Gain knowledge and skill through the successful completion of an independent study course.
- Demonstrate and/or apply independent academic learning skills.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

0.5

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

162.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

162.01

Activity Hours

0.0

EMS-009 Emergency Medical Responder/Public Safety First Aid, CPR and AED

Units: 4.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is an introductory course to medical careers with an emphasis on emergency medical services. Students who successfully complete this course will earn the following certification: American Heart Association CPR/Basic Life Support (BLS) Certification card. EMS-009 meets and exceeds the requirements for the California Emergency Services Agency. Students who successfully complete EMS 009 are eligible to apply for employment in a diverse array of positions which include public safety as well as many others, some examples of these occupations are: lifeguards, public safety officers, police officers, child care providers and coaches. In addition, students will develop an educational pathway into the EMT, paramedic, fire technology, nursing, physician assistants and other Allied Health occupations.

Requisites:**Advisory**

[VONUR008 - Medical Terminology for Healthcare Occupations](#)

Advisory

[BIOSC030 - Introduction to Anatomy and Physiology](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO #1: Explain the roles, responsibilities, and scope of practice of the Emergency Medical Responder while operating as part of an Emergency Response Team.
- CSLO #2: Demonstrate Identify patient conditions and apply knowledge of pathophysiology and disease and injury processes to formulate a treatment plan, while operating as part of an emergency response team.
- CSLO #3: Apply treatment skills and equipment to stabilize patients according to a treatment plan.
- CSLO #4 Demonstrate the ability to be able to assist EMTs, Paramedics, Lifeguards, Peace Officers, Fire Fighters and other first responders with patient care within the EMR scope of practice.

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

4.0

Maximum Credit Units

4.0

Total Course In-Class (Contact) Hours

90.0

Course in class (contact) hours

Lecture Hours

63.0

Lab Hours

27.0

Activity Hours

0.0

Engineering

Program Information

Degree(s) and/or certificates and courses listed below.

Degrees and Certificates

[Engineering Associate of Science Degree \(AS\)](#)

Course Information

[ENGIN010 - Introduction to Engineering](#)

[ENGIN020 - Programming With C++ for Engineers and Scientists](#)

[ENGIN022 - Programming With MATLAB for Engineers And Scientists](#)

[ENGIN025 - Engineering Graphics](#)

[ENGIN030 - Materials Science](#)

[ENGIN036 - Engineering Statics](#)

[ENGIN038 - Manufacturing Processes](#)

[ENGIN045 - Engineering Circuit Analysis](#)

[ENGIN046 - Engineering Dynamics](#)

[ENGIN098 - Independent Study in Engineering](#)

[Back to department listing](#)

Engineering Associate of Science Degree (AS)

A.S. Degree Local

[Print Page](#)

[Back to department listing](#)

Units:

60.0 units

The LMC Engineering Program offers a solid foundation for upper division studies in most engineering fields, including mechanical engineering, civil engineering, electrical engineering, aerospace engineering, industrial engineering, and many other engineering disciplines. Students who complete the program will have finished most or all of the lower division courses required for transfer to four-year engineering programs. Graduates of the Engineering Program at LMC will also be able to: identify and solve engineering problems; perform and interpret experiments; produce designs to meet various needs; demonstrate professional ethics; communicate effectively; judge how engineering projects affect society and the environment; engage in lifelong learning; and use the tools and techniques necessary for modern engineering practice. For the Associate of Science Degree in Engineering, complete 55 units of coursework listed below, as well as the General Education requirements. Consult a Los Medanos College counselor to develop your education plan. The courses required for transfer vary depending on the transfer destination institution and the desired engineering discipline. IGETC is NOT appropriate for this major. Students interested in engineering should meet with a counselor to plan their schedules as soon as possible.

Toggle

Program Learning Outcomes

- 1. Apply knowledge of math, science, and engineering, and use the techniques, skills, and tools of modern engineering, to identify, formulate, and solve engineering problems.
- 2. Design a system, component, or process to meet desired needs.
- 3. Demonstrate the behaviors of professional engineers, including ethical responsibility and lifelong learning.
- 4. Communicate effectively and perform on multi-disciplinary teams.
- 5. Judge the effects of engineering projects on society and the environment, and explain contemporary issues in engineering.

Toggle

Program Requirements

A.S. Degree Local

Required Courses for Major (Total 56)

Complete all of the following

CHEM025 - General College Chemistry I 5
ENGIN010 - Introduction to Engineering 3
ENGIN025 - Engineering Graphics 3
ENGIN030 - Materials Science 4
ENGIN045 - Engineering Circuit Analysis 4
MATH210 - Calculus and Analytic Geometry I 4
MATH220 - Calculus and Analytic Geometry II 4
MATH230 - Calculus and Analytic Geometry III 4
MATH240 - Differential Equations 3
PHYS040 - Physics for Scientists and Engineers I 4
PHYS041 - Physics for Scientists and Engineers II 4
PHYS042 - Physics for Scientists and Engineers III 4

Required Course for Major (Total 4)

Complete the following number of credits: 4

ENGIN020 - Programming With C++ for Engineers and Scientists 4
ENGIN022 - Programming With MATLAB for Engineers And Scientists 4

Required Two Restricted Electives (Total 6)

Complete the following number of credits: 6

ENGIN036 - Engineering Statics 3
ENGIN038 - Manufacturing Processes 3
ENGIN046 - Engineering Dynamics 3
MATH250 - Linear Algebra 3

ENGIN-010 Introduction to Engineering

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course introduces the engineering profession. Learn about computer-aided design software and 3D printing technology to create anything that you can imagine. The skills learned in this course will be applicable to a wide range of jobs in the fields of engineering, architecture, and technology. This course includes the worldwide history of engineering and its influences on society and reviews the major engineering disciplines and the requirements for becoming an engineer. The course also introduces engineering reports, graphics, and presentations. Engineering calculations and a design project are an integral part of the course. Engineering ethics and the need for lifelong learning are also discussed.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

LMC Standard AA/AS - General Education Requirements:

- NS: Natural Sciences

Student Learning Outcomes:

- 1. assess the impact of engineering on various societies around the world and throughout history. (PSLO E)
- 2. identify the most appropriate engineering disciplines for designing a particular product or process and develop a plan to become an engineer and maintain a license in a particular discipline. (PSLO C)
- 3. formulate and perform elementary engineering calculations. (PSLO A, B)
- 4. read critically and communicate effectively as a writer and speaker by reading and creating elementary engineering drawings, instructions, reports, and presentations. (PSLO D)
- 5. justify a course of action for a particular engineering ethics situation. (PSLO C)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

72.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

18.0

Activity Hours

0.0

ENGIN-020 Programming With C++ for Engineers and Scientists

Units: 4.0

[Print Page](#)

[Back to department listing](#)

Description:

This course teaches computer programming using the C++ programming language's syntax, control, and data structures. It includes object-oriented programming techniques, introduces numerical techniques for scientific and engineering applications, and emphasizes optimal programming practices. Various aspects of the software life-cycle, including design, documentation, implementation, debugging, testing, and maintenance are introduced. Case studies and software projects are significant parts of the course.

Requisites:**Prerequisite**

[MATH210 - Calculus and Analytic Geometry I](#)

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Design and create working C++ programs that meet specified needs. (PSLO: A,B)
- 2. Demonstrate good programming habits, such as documenting programs with both comments and planning documents, providing meaningful variable names, using white space to set off logic blocks, using modules to avoid oversized programs, anticipating user errors, and providing helpful error messages. (PSLO: C,D)
- 3. Test and debug computer codes. (PSLO: A, B, C)

Grade Options:

- Letter Grade methods

Toggle

Units and Hours**Minimum Credit Units**

4.0

Maximum Credit Units

4.0

Total Course In-Class (Contact) Hours

108.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

54.0

Activity Hours

0.0

ENGIN-022 Programming With MATLAB for Engineers And Scientists

Units: 4.0

[Print Page](#)

[Back to department listing](#)

Description:

This course teaches computer programming using the MATLAB's syntax, control, and data structures. It includes object oriented programming techniques, introduces numerical techniques for scientific and engineering applications, and emphasizes optimal programming practices. Various aspects of the software life-cycle, including design, documentation, implementation, debugging, testing, and maintenance are introduced. Case studies and software projects are significant parts of the course. Offered in the Fall semester.

Requisites:

Co-Requisite

[MATH220 - Calculus and Analytic Geometry II](#)

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Design and create working MATLAB programs that meet specified needs. (PSLO: A, C, and H)
- 2. Demonstrate good programming habits, such as documenting programs with both comments and planning documents, providing meaningful variable names, using white space to set off logic blocks, using modules to avoid oversized programs, anticipating user errors, and providing helpful error messages. (PSLO: D, E)
- 3. Test and debug computer codes. (PSLO: A, H)

Grade Options:

- Letter Grade methods

Toggle

Units and Hours

Minimum Credit Units

4.0

Maximum Credit Units

4.0

Total Course In-Class (Contact) Hours

108.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

54.0

Activity Hours

0.0

ENGIN-025 Engineering Graphics

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course introduces descriptive geometry and engineering graphics techniques. Techniques include freehand and instrument drawing, while the primary emphasis is on computer-aided drafting. Applications of descriptive geometry include orthographic drawings, sectional views, and auxiliary views. Axonometric, oblique, and perspective drawings are also covered. Other topics include revolutions, tolerances, dimensions, fasteners, springs, detail drawings, and assembly drawings.

Requisites:

Advisory

[ENGIN010 - Introduction to Engineering](#)

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Create freehand drawings. (PSLOs A, B and D)
- 2. Generate engineering graphics with CAD programs, including solid modeling. (PSLOs A, B, and D)
- 3. Formulate dimensions and tolerances in engineering graphics. (PSLOs A, B, and D)
- 4. Recommend the standard conventions for terminology, symbols, and styles used in engineering graphics. (PSLO D and E)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

108.0

Course in class (contact) hours

Lecture Hours

36.0

Lab Hours

72.0

Activity Hours

0.0

ENGIN-030 Materials Science

Units: 4.0

[Print Page](#)

[Back to department listing](#)

Description:

This is a lecture and lab course that investigates the relationships between microscopic structures and the macroscopic properties of engineering materials--including metals, ceramics, glasses, polymers, and composites. Mechanical, thermal, electrical, magnetic, and optical properties are also examined. Processes for producing and strengthening various materials are introduced. Certain failure mechanisms are also studied. An optional materials fee may be applied. Offered in the Fall semester.

Requisites:

Prerequisite

[CHEM025 - General College Chemistry 1](#)

Prerequisite

[PHYS040 - Physics for Scientists and Engineers I](#)

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Analyze problems by formulating and performing calculations relating to material properties. (PSLO A)

- 2. Judge the abilities of materials to meet particular needs. (PSLOs A, C, and F)
- 3. Infer materials' properties from standard tables, phase diagrams and TTT diagrams. (PSLOs A, C, and H)
- 4. Construct and perform materials science experiments and then analyze the data. (PSLOs A, B, E, and H)

Grade Options:

- Letter Grade methods

Toggle

Units and Hours

Minimum Credit Units

4.0

Maximum Credit Units

4.0

Total Course In-Class (Contact) Hours

108.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

54.0

Activity Hours

0.0

ENGIN-036 Engineering Statics

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is an introduction to the application of the concept of mechanical equilibrium to engineering problems. This course covers force systems in the context of supports, two force members and multi-force members, cables, truss structures, frames, and machines; geometrical properties, such as centroids and moments of inertia; friction, the method of virtual work, and sketching shear and bending moment diagrams. Problem-solving methods include analytical, graphical, and computer techniques. An optional materials fee may be applied. Offered in the Fall semester.

Requisites:

Prerequisite

[PHYS040 - Physics for Scientists and Engineers I](#)

Advisory

[ENGL100 - College Composition](#)

Credit by Exam/Challenge:

Yes

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Synthesize knowledge and techniques from physics, engineering, and mathematics in order to generate the solutions to problems related to systems in mechanical equilibrium, and evaluate the reasonableness of the solutions. (PSLO A)

- 2. Decide which techniques and tools--analytic, graphical, or computer programs, are the most appropriate to solve a given problem with the greatest efficiency or precision. (PSLO H)
- 3. Design a system to meet specific requirements and assess its ability to do so. (PSLO C)
- 4. Design and perform an experiment relating to mechanical equilibrium, and analyze the data. (PSLO B)

Grade Options:

- Letter Grade methods

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

72.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

18.0

Activity Hours

0.0

ENGIN-038 Manufacturing Processes

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is an introduction to manufacturing processes, including: CNC machining, casting, forcible deformation processes, sintering, microfabrication, 3D printing, injection molding, and joining processes. Economic, environmental, and workability issues are examined to determine optimal manufacturing processes. An optional materials fee may be applied.

Requisites:**Prerequisite**

[ENGIN025 - Engineering Graphics](#)

Co-Requisite

[ENGIN030 - Materials Science](#)

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Formulate, and generate the solutions and calculations required for selecting and performing manufacturing processes. (PSLO A, B)
- 2. Recommend the optimum practice for manufacturing a particular product. (PSLO A, B, C, and E)
- 3. Safely produce an object with certain manufacturing operations, including operating machine shop tools, making molds, creating castings, or 3D printing. (PSLO A, B, C, and E)
- 4. Analyze a given object and conclude how it was manufactured. (PSLO A)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

90.0

Course in class (contact) hours**Lecture Hours**

36.0

Lab Hours

54.0

Activity Hours

0.0

ENGIN-045 Engineering Circuit Analysis

Units: 4.0

[Print Page](#)

[Back to department listing](#)

Description:

This is an introduction to electrical circuit analysis. It starts with passive d.c. circuits, includes controlled sources, and progresses to network analysis, including superposition, Thevenin and Norton equivalents, node and mesh analysis techniques. The course also includes analysis of circuits with energy storage elements, along with transient responses that are described by first- and second-order differential equations. The ideal op-amp model is introduced. Alternating current circuit

analysis is developed, including the use of phasors, and applications are made to transformers, single phase, and three-phase circuits. The course includes computer modeling of circuits. An optional materials fee may be applied.

Requisites:

Prerequisite

[PHYS041 - Physics for Scientists and Engineers II](#)

Co-Requisite

[MATH240 - Differential Equations](#)

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Synthesize knowledge and techniques from physics, engineering, and mathematics, in order to generate the solutions to problems related to electrical circuits, and evaluate the reasonableness of the solutions. (PSLO A, C)
- 2. Design and perform experiments with electrical circuits, and analyze and judge the reasonableness of the results. (PSLO A,C, and D)
- 3. Design an electrical system to meet specific requirements and assess its ability to do so. (PSLO B, C)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

4.0

Maximum Credit Units

4.0

Total Course In-Class (Contact) Hours

108.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

54.0

Activity Hours

0.0

ENGIN-046 Engineering Dynamics

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course covers dynamics for engineering applications. It includes the kinematics and dynamics of particles, systems of particles, and rigid bodies in two and three dimensions. Also included are orbital motion, vibrations, Euler angles, and variable mass systems.

Requisites:

Prerequisite

[ENGIN036 - Engineering Statics](#)

Advisory

ENGL100 - College Composition

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Justify the physical principles and corresponding formulas that give a mathematical model of a dynamic physical system. (PSLO: A, H)
- 2. Generate the solution to the mathematical model of a dynamic system for requested information. (PSLO: A, H)
- 3. Create a computer model of a dynamic engineering system. (PSLO: A, H)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

ENGIN-098 Independent Study in Engineering

Units: 0.5-3.0

[Print Page](#)

[Back to department listing](#)

Description:

Provides students an opportunity to design and pursue their own interests within a particular area. Projects reflecting cultural diversity and/or societal issues will be greatly encouraged. A contract must be drawn between the student and the instructor stipulating the goals of the independent study, the content, the method of approach, the estimated time involved, and the periodic evaluation to be used. Minimum 1 hour per week with instructor plus 54 hours of contracted work for each unit of credit. May not be repeated.

Requisites:

None

Course Note:

Submission of acceptable educational contract to department and Instruction Office is required.

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- Meet outcomes as specified in the approved Application for Independent Study.
- Gain knowledge and skill through the successful completion of an independent study course.
- Demonstrate and/or apply independent academic learning skills.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

0.5

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

162.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

162.0

Activity Hours

0.0

Work Experience Education

Program Information

Courses listed below.

Course Information

[WRKX160 - General Work Experience Education](#)

[WRKX170 - Occupational Work Experience Education](#)

[WRKX180 - Occupational Work Experience Internship](#)

[Back to department listing](#)

WRKX-160 General Work Experience Education

Units: 1.0-4.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is for students whose work is not related to their major. General Work Experience Education provides students with opportunities to develop marketable skills in preparation for employment or advancement within their current job. To participate in cooperative work experience education, students must be employed and undertake new or expanded responsibilities. Students, with faculty and employer approval, will develop and successfully complete one learning objective for each unit of credit in which they enroll. Students must work 75 paid hours or 60 non-paid hours for each unit of credit earned. Students may earn a maximum of sixteen units of general work experience during community college attendance which may be applied as electives toward graduation.

Requisites:

None

Course Note:

Work Experience Education Requirements

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

Section 55253. College Credit and Repetition The amendment to Title 5 created an exception to the general rule for repetition of activity courses to allow students to take the full number of units of cooperative work experience, which would otherwise be allowed. (b) If a college offers only one course in occupational work experience in a given field and that course is not offered as a variable unit openentry/open-exit course, the district policy on course repetition adopted pursuant to section 55040 may permit a student to repeat that course any number of times so long as the student does not exceed the limits on the number of units of cooperative work experience education set forth in subdivision (a). Consistent with section 58161, attendance of a student repeating a cooperative work experience course pursuant to this subdivision may be claimed for state apportionment.

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Apply professionalism and work ethic skills including personal accountability, work habits, punctuality, working productively with others, and managing time and work load.
- CSLO 2: Work in collaborative relationships with colleagues and customers and be able to work with diverse teams, negotiate, and manage conflicts.
- CSLO 3: Apply critical thinking and problem solving skills by using sound reasoning and analytical thinking as well as using knowledge, facts, and data to solve workplace problems.
- CSLO 4: Communicate thoughts and ideas clearly and effectively using public speaking skills and the ability to write clearly and effectively.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

1.0

Maximum Credit Units

4.0

Total Course In-Class (Contact) Hours

0.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

300.0

Activity Hours

0.0

WRKX-170 Occupational Work Experience Education

Units: 1.0-4.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is for students whose work is related to their major. Occupational Work Experience Education provides students with opportunities to develop marketable skills in preparation for employment or advancement within their current job. To participate in cooperative work experience education, students must be employed and undertake new or expanded responsibilities. Students, with faculty and employer approval, will develop and successfully complete one learning objective for each unit of credit in which they enroll. Additionally, students must work 75 paid hours or 60 non-paid hours for each unit of credit earned. Students may earn a maximum of 16 units of occupational work experience during community college attendance which may be applied as electives toward graduation.

Requisites:

None

Course Note:

Work Experience Education Requirements

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

Section 55253. College Credit and Repetition The amendment to Title 5 created an exception to the general rule for repetition of activity courses to allow students to take the full number of units of cooperative work experience, which would otherwise be allowed. (b) If a college offers only one course in occupational work experience in a given field and that course is not offered as a variable unit openentry/open-exit course, the district policy on course repetition adopted pursuant to section 55040 may permit a student to repeat that course any number of times so long as the student does not exceed the limits on the number of units of cooperative work experience education set forth in subdivision (a). Consistent with section 58161, attendance of a student repeating a cooperative work experience course pursuant to this subdivision may be claimed for state apportionment.

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Apply professionalism and work ethic skills including personal accountability, work habits, punctuality, working productively with others, and managing time and work load.
- CSLO 2: Work in collaborative relationships with colleagues and customers and be able to work with diverse teams, negotiate, and manage conflicts.
- CSLO 3: Apply critical thinking and problem solving skills by using sound reasoning and analytical thinking as well as using knowledge, facts, and data to solve workplace problems.
- CSLO 4: Communicate thoughts and ideas clearly and effectively using public speaking skills and the ability to write clearly and effectively.
- CSLO 5: Utilize, under direct supervision, knowledge, skills and abilities acquired during prior or concurrent college course work directly related to workplace responsibilities by applying appropriate Course-Level Student Learning Outcomes from a college course to the student's place of employment.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

1.0

Maximum Credit Units

4.0

Total Course In-Class (Contact) Hours

300.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

300.0

Activity Hours

0.0

WRKX-180 Occupational Work Experience Internship

Units: 1.0-4.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is for students who have declared a major, have taken classes in the major, and are ready for on-the-job experience in a paid or unpaid position. An internship involves working in a skilled or professional level assignment in the area of a student's vocational or academic major or field of interest. Students, with faculty and employer approval, will apply college-acquired knowledge, skills and abilities as well as acquire new learning to prepare for a career in their chosen field. Students must work 75 paid hours or 60 non-paid hours for each unit of credit earned. Students may earn a maximum of 16 units of occupational work experience internship during community college attendance which may be applied as electives toward graduation. 12 units are transferable to CSU.

Requisites:

None

Course Note:

Work Experience Education Requirements

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

Section 55253. College Credit and Repetition The amendment to Title 5 created an exception to the general rule for repetition of activity courses to allow students to take the full number of units of cooperative work experience, which would otherwise be allowed. (b) If a college offers only one course in occupational work experience in a given field and that course is not offered as a variable unit openentry/open-exit course, the district policy on course repetition adopted pursuant to section 55040 may permit a student to repeat that course any number of times so long as the student does not exceed the limits on the number of units of cooperative work experience education set forth in subdivision (a). Consistent with section 58161, attendance of a student repeating a cooperative work experience course pursuant to this subdivision may be claimed for state apportionment.

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Apply professionalism and work ethic skills including personal accountability, work habits, punctuality, working productively with others, and managing time and work load.
- CSLO 2: Work in collaborative relationships with colleagues and customers and be able to work with diverse teams, negotiate, and manage conflicts.
- CSLO 3: Apply critical thinking and problem solving skills by using sound reasoning and analytical thinking as well as using knowledge, facts, and data to solve workplace problems.
- CSLO 4: Communicate thoughts and ideas clearly and effectively using public speaking skills and the ability to write clearly and effectively.
- CSLO 5: Utilize, under direct supervision, knowledge, skills and abilities acquired during prior or concurrent college course work directly related to work place responsibilities by applying appropriate Course-Level Student Learning Outcomes from a college course to the internship.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

1.0

Maximum Credit Units

4.0

Total Course In-Class (Contact) Hours

300.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

300.0

Activity Hours

0.0

Fire Technology

Program Information

Los Medanos College offers a degree and certificates including Basic Fire Academy. The programs are designed to provide educational opportunities for persons who are seeking employment or advancement in public or private fire protection agencies, as well as persons who are pursuing a higher degree in fire administration or fire protection engineering.

Degrees and Certificates

[Basic Fire Academy College Skills Certificate](#)
[Fire Academy Certificate of Achievement \(COA\)](#)
[Fire Prevention Skills College Skills Certificate](#)
[Fire Protection College Skills Certificate](#)
[Fire Technology Associate of Science Degree \(AS\)](#)
[Fire Technology Certificate of Achievement \(COA\)](#)

Course Information

[FIRE098 - Independent Study in Fire Technology](#)
[FIRE101 - Fire Protection Organization](#)
[FIRE102 - Fire Behavior and Combustion](#)

FIRE103 - Fire Protection Equipment and Systems
FIRE104 - Building Construction for Fire Protection
FIRE105 - Fundamentals of Fire Prevention
FIRE106 - Physical Fitness for Public Safety Personnel
FIRE107 - Principles of Fire and Emergency Services Safety and Survival
FIRE120 - Firefighter 1 Academy
FIRE121 - Firefighter 1 Capstone Skills Certification Testing
FIRE123 - Company Officer 2A: Human Resource Management
FIRE124 - Company Officer 2B: General Administration Functions
FIRE125 - Company Officer 2C: Fire Inspections and Investigations
FIRE126 - Company Officer 2D: All Risk Command Operations
FIRE127 - Company Officer 2E: Wildland Incident Operations
FIRE130 - Advanced Fire Academy
FIRE170 - Occupational Work Experience Education In Fire Technology
FIRE180 - Internship in Fire Technology Technology

[Back to department listing](#)

Fire Technology Associate of Science Degree (AS)

A.S. Degree Local

[Print Page](#)

[Back to department listing](#)

Units:

60.0 units

Los Medanos College offers a degree and certificates including Basic Fire Academy. The programs are designed to provide educational opportunities for persons who are seeking employment or advancement in public or private fire protection agencies, as well as persons who are pursuing a higher degree in fire administration or fire protection engineering. For the Associate of Science Degree in Fire Technology, complete the coursework listed below as well as the General Education requirements. Consult a Los Medanos College counselor to develop your education plan.

Toggle

Program Learning Outcomes

- 1. Be academically prepared to demonstrate the skills necessary for entry-level positions in the Fire Service.
- 2. Apply critical thinking to research, evaluate, analyze and synthesize Fire Service information.

- 3. Demonstrate through written and oral communication skills abroad knowledge of Fire technology as it applies to a career in the Fire Service.
- 4. Explain and interpret Fire Service Terminology.
- 5. Demonstrate the skills and mechanical knowledge of Fire Service tools and equipment.

Toggle

Program Requirements

A.S. Degree Local

Required Courses in Major (Total 24)

Complete all of the following

Required Courses in Major (Total 18)

Complete all of the following

[FIRE101 - Fire Protection Organization](#) 3

[FIRE102 - Fire Behavior and Combustion](#) 3

[FIRE103 - Fire Protection Equipment and Systems](#) 3

[FIRE104 - Building Construction for Fire Protection](#) 3

[FIRE105 - Fundamentals of Fire Prevention](#) 3

[FIRE107 - Principles of Fire and Emergency Services Safety and Survival](#) 3

Elective Courses in Major (Total 6)

Complete the following number of credits: 6

[EMS010 - Emergency Medical Technician Academy](#) 8

[EMS013 - Medical Terminology for Health Care Professions](#) 3

[FIRE106 - Physical Fitness for Public Safety Personnel](#) 1

[FIRE170 - Occ Work Exp in Fire Technolog](#) 0

[PHIL110 - Critical Thinking and Composition](#) 3

[SPCH110 - Speech Communication](#) 3

Fire Academy Certificate of Achievement (COA)

Certificate of Achievement

[Print Page](#)

[Back to department listing](#)

Units:

23.0 units

Los Medanos College offers a degree and certificates including Basic Fire Academy. The programs are designed to provide educational opportunities for persons who are seeking employment or advancement in public or private fire protection agencies, as well as persons who are pursuing a

higher degree in fire administration or fire protection engineering. The Basic Fire Academy program prepares students for the California State Firefighter I Certificate. Prerequisites for the Basic Fire Academy include: 1) Successful completion (C grade or better) in Fire 101 and Fire 107 2) A positive evaluation (sports physical) from an approved medical facility 3) Satisfactory score on the Candidate Physical Agility Test (CPAT) or successful completion of Fire 106 4) Proof of medical insurance

Toggle

Program Learning Outcomes

- 1. Be academically prepared to demonstrate the skills necessary for entry-level positions in the Fire Service.
- 2. Demonstrate through written and oral communication skills a broad knowledge of fire technology as it applies to a career in the Fire Service.
- 3. Demonstrate the skills and mechanical knowledge of Fire Service tools and equipment.

Toggle

Program Requirements

Certificate of Achievement

Required Courses for Major (Total 23)

Complete all of the following

Required Courses for Major (Total 23)

Complete all of the following

[FIRE101 - Fire Protection Organization](#) 3

[FIRE102 - Fire Behavior and Combustion](#) 3

[FIRE106 - Physical Fitness for Public Safety Personnel](#) 1

[FIRE120 - Firefighter 1 Academy](#) 16

Fire Technology Certificate of Achievement (COA)

Certificate of Achievement

[Print Page](#)

[Back to department listing](#)

Units:

24.0 units

Los Medanos College offers a degree and certificates including Basic Fire Academy. The programs are designed to provide educational opportunities for persons who are seeking employment or advancement in public or private fire protection agencies, as well as persons who are pursuing a higher degree in fire administration or fire protection engineering. For the Certificate of Achievement in Fire Technology, complete the coursework listed below as well as the General Education requirements. Consult a Los Medanos College counselor to develop your education plan.

Toggle

Program Learning Outcomes

- 1. Be academically prepared to demonstrate the skills necessary for entry-level positions in the Fire Service.
- 2. Apply critical thinking to research, evaluate, analyze and synthesize Fire Service information.
- 3. Demonstrate through written and oral communication skills a broad knowledge of Fire technology as it applies to a career in the Fire Service.
- 4. Explain and interpret Fire Service Terminology.
- 5. Demonstrate the skills and mechanical knowledge of Fire Service tools and equipment.

Toggle

Program Requirements

Certificate of Achievement

Required Courses for Major (Total 24)

Complete all of the following

[FIRE101 - Fire Protection Organization](#) 3

[FIRE102 - Fire Behavior and Combustion](#) 3

[FIRE103 - Fire Protection Equipment and Systems](#) 3

[FIRE104 - Building Construction for Fire Protection](#) 3

[FIRE105 - Fundamentals of Fire Prevention](#) 3

[FIRE107 - Principles of Fire and Emergency Services Safety and Survival](#) 3

Required Elective Courses for Major (Total 6)

Complete the following number of credits: 6

[FIRE106 - Physical Fitness for Public Safety Personnel](#) 1

[FIRE170 - Occ Work Exp in Fire Technolog](#) 0

[EMS010 - Emergency Medical Technician Academy](#) 8

[EMS013 - Medical Terminology for Health Care Professions](#) 3

[SPCH110 - Speech Communication](#) 3

[PHIL110 - Critical Thinking and Composition](#) 3

Basic Fire Academy College Skills Certificate

College Skills Certificate

[Print Page](#)

[Back to department listing](#)

Units:

16.0 units

For the College Skills Certificate in Fire Prevention, or Fire Protection, complete the 15 units of coursework listed below. These skills certificates are in support of those students wishing to direct their efforts in seeking employment or advancement in a specific division within the fire service.

Toggle

Program Learning Outcomes

- 1. Be academically prepared to demonstrate the skills necessary for entry-level positions in the Fire Service.
- 2. Demonstrate through written and oral communication skills a broad knowledge of fire technology as it applies to a career in the Fire Service.
- 3. Demonstrate the skills and mechanical knowledge of Fire Service tools and equipment.

Toggle

Program Requirements

College Skills Certificate

Required Course for Major (Total 16)

Complete all of the following

[FIRE120 - Firefighter 1 Academy](#) 16

Fire Prevention Skills College Skills Certificate

College Skills Certificate

[Print Page](#)

[Back to department listing](#)

Units:

15.0 units

For the College Skills Certificate in Fire Prevention, or Fire Protection, complete the 15 units of coursework listed below. These skills certificates are in support of those students wishing to direct their efforts in seeking employment or advancement in a specific division within the fire service.

Toggle

Program Learning Outcomes

- 1. Apply critical thinking to research, evaluate, analyze and synthesize Fire Service information.
- 2. Demonstrate through written and oral communication skills a broad knowledge of fire technology as it applies to a career in the Fire Service.

Toggle

Program Requirements

College Skills Certificate

Required Courses for Major (Total 15)

Complete all of the following

[FIRE103 - Fire Protection Equipment and Systems](#) 3

[FIRE104 - Building Construction for Fire Protection](#) 3

[FIRE105 - Fundamentals of Fire Prevention](#) 3

Required Courses for Major (Total 6)

Complete the following number of credits: 6

[FIRE101 - Fire Protection Organization](#) 3

[FIRE102 - Fire Behavior and Combustion](#) 3

[FIRE107 - Principles of Fire and Emergency Services Safety and Survival](#) 3

Fire Protection College Skills Certificate

College Skills Certificate

[Print Page](#)

[Back to department listing](#)

Units:

15.0 units

For the College Skills Certificate in Fire Prevention, or Fire Protection, complete the 15 units of coursework listed below. These skills certificates are in support of those students wishing to direct their efforts in seeking employment or advancement in a specific division within the fire service.

Toggle

Program Learning Outcomes

- 1. Be academically prepared to demonstrate the skills necessary for entry-level positions in the Fire Service.
- 2. Apply critical thinking to research, evaluate, analyze and synthesize Fire Service information.
- 3. Demonstrate through written and oral communication skills a broad knowledge of Fire technology as it applies to a career in the Fire Service.

Toggle

Program Requirements

College Skills Certificate

Required Courses for Major (Total 15)

Complete all of the following

[FIRE101 - Fire Protection Organization](#) 3

[FIRE102 - Fire Behavior and Combustion](#) 3

[FIRE107 - Principles of Fire and Emergency Services Safety and Survival](#) 3

Required Courses for Major (Total 6)

Complete the following number of credits: 6

[FIRE103 - Fire Protection Equipment and Systems](#) 3

[FIRE104 - Building Construction for Fire Protection](#) 3

[FIRE105 - Fundamentals of Fire Prevention](#) 3

FIRE-130 Advanced Fire Academy

Units: 19.0

[Print Page](#)

[Back to department listing](#)

Description:

The Advanced Firefighter I Academy prepares students for entry-level jobs in firefighting and for California State Firefighter I certification. The California State Firefighter I curriculum, guidelines and assessments are followed throughout the program. Standards of performance in written exams

and skill demonstrations are established by the International Fire Service Training Association (IFSTA) and local fire agencies. This academy is approximately 16 weeks in length and uses a Monday-Friday, 40 hour per week schedule. Accredited by the Office of the California State Fire Marshal.

Requisites:

Prerequisite

[FIRE101 - Fire Protection Organization](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Identify the roles, functions, and responsibilities of the professional firefighter.
- 2. Demonstrate the proficiencies needed to function in a hazardous atmosphere with the use of appropriate clothing and breathing apparatus, to safely operate manual and power driven tools, equipment, and techniques, individually and as a member of a team.
- 3. Demonstrate the skills, knowledge, and abilities required in routine and emergency fire fighting operations and basic rescue operations.
- 4. Operate, inspect, and maintain fire fighting and rescue equipment.
- 5. Identify indicators that determine the cause and origin of fires and to name the basic properties of fire chemistry and behavior.
- 6. Identify the characteristics of wildland fire behavior and demonstrate wildland firefighting skills and techniques.
- 7. Demonstrate the manipulative skills necessary to meet the standards established by the local fire agencies, associations and unions for the safe and efficient use of firefighting equipment and techniques.

Grade Options:

- Pass/No Pass (P/NP)

Toggle

Units and Hours**Minimum Credit Units**

19.0

Maximum Credit Units

19.0

Total Course In-Class (Contact) Hours

640.0

Course in class (contact) hours**Lecture Hours**

198.0

Lab Hours

442.0

Activity Hours

0.0

FIRE-125 Company Officer 2C: Fire Inspections and Investigations

Units: 2.0

[Print Page](#)

[Back to department listing](#)

Description:

This course provides information on conducting inspections, identifying hazards and addressing violations, following a local, federal set of ordinances and fire codes where applicable. A simulated fire investigation to determine preliminary cause and securing the incident scene and preserving

evidence. This course is one of five core courses required in the California State Fire Training Company Officer Certification.

Requisites:

Advisory

Meet the educational requirements for State Fire Marshall Firefighter II

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1 Describe basic fire cause and origin determination of a fire and the basics of Fire Behavior
- CSLO 2 Execute routine unit-level administrative functions, completing reports and logs, and maintaining files in accordance with policies and procedures
- CSLO 3 Explain fire inspection procedures during a commercial building inspection

Grade Options:

- Pass/No Pass (P/NP)

Toggle

Units and Hours

Minimum Credit Units

2.0

Maximum Credit Units

2.0

Total Course In-Class (Contact) Hours

40.0

Course in class (contact) hours

Lecture Hours

40.0

Lab Hours

0.0

Activity Hours

0.0

FIRE-123 Company Officer 2A: Human Resource Management

Units: 2.0

[Print Page](#)

[Back to department listing](#)

Description:

This course provides information on the use of human resources to accomplish assignments, evaluating member performance, supervising personnel, and integrating health and safety plans, policies, and procedures into daily activities as well as the emergency scene.

Requisites:

Advisory

Meet the educational requirements for State Fire Marshall Firefighter II

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1; Identify principles of supervision, discipline and administrative functions while serving as a member of a fire company
- CSLO 2; Apply human resource policies and procedures on day to day operations of a fire company
- CSLO 3; Describe concepts of organizational behavior and crew supervision

Grade Options:

- Pass/No Pass (P/NP)

Toggle

Units and Hours

Minimum Credit Units

2.0

Maximum Credit Units

2.0

Total Course In-Class (Contact) Hours

40.0

Course in class (contact) hours

Lecture Hours

40.0

Lab Hours

0.0

Activity Hours

0.0

FIRE-126 Company Officer 2D: All Risk Command Operations

Units: 2.0

[Print Page](#)

[Back to department listing](#)

Description:

This course provides information on conducting incident size-up, developing and implementing an initial plan of action involving single and multi-unit operations for various types of emergency incidents to mitigate the situation following agency safety procedures, conducting pre-incident planning, and develop a post-incident analysis.

Requisites:

Advisory

Must meet the educational requirements for Fire Fighter II as stated in the California State Fire Training certification process. As well as ICS-200.B: ICS for single resources and initial action incidents and Hazardous Material Incident Commander (as offered by the California Specialized Training Institute or equivalent)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO #1 Describe the elements of post incident analysis.
- CSLO #2 Identify the different levels of certification in the Officer certification track for Company Officer, Chief Fire Officer, and Executive Chief Officer.
- CSLO #3 List command staff and unit supervision positions with the Incident Command System and describe their roles and responsibilities.

Grade Options:

- Pass/No Pass (P/NP)

Toggle

Units and Hours**Minimum Credit Units**

2.0

Maximum Credit Units

2.0

Total Course In-Class (Contact) Hours

40.0

Course in class (contact) hours

Lecture Hours

40.0

Lab Hours

0.0

Activity Hours

0.0

FIRE-121 Firefighter 1 Capstone Skills Certification Testing

Units: 1.0

[Print Page](#)

[Back to department listing](#)

Description:

FIRE-121 prepares the student/fire cadet with the skills and knowledge necessary to attempt the IFSAC and Pro-Board Firefighter 1 (FF1) national certification exams. Upon successful completion, students will receive a satisfactory certificate of completion given by State Fire Training. Successful completion of this class and the certification exams allow the students/cadets to start working towards the State of California Firefighter 1 certification.

Requisites:

Prerequisite

[FIRE120 - Firefighter 1 Academy](#)

Prerequisite

ARTP (Approved Regional Training Program) **Prerequisite**
or a letter signed by a FIRE Chief or designee asserting that the student has completed all the Firefighter 1 skills successfully per California State Fire Marshall Firefighter 1 Curriculum of 2013

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO #1: Identify, employ and apply the proper use of all Firefighter equipment and techniques as described in California State Fire Training Firefighter 1 course plan for 2013. (PSLO 1,3)
- CSLO#2: Demonstrate proficiency and mastery of all the concepts and techniques relating to all the mandatory FF1 skills , all optional FF1 skills and a final summative computerized capstone multiple choice exam as described in the California State Fire Training Firefighter 1 course plan for 2013 (PSLO 1,2,3)
- CSLO#3: Demonstrate satisfactory performance of all Wildland Firefighter and Hazardous Materials for first responders mandatory skills and any of the optional skills as referenced in the California State Fire Training Firefighter 1 curriculum 2013 (PSLO 1,2,3)
- CSLO#4: Demonstrate proficiency by successfully completing a summative online or written exam or similar with a minimum score of 70%. This exam shall cover all the topics found in the California Fire Training curriculum for Firefighter 1 2013 edition. (PSLO 2,3)

Grade Options:

- Pass/No Pass (P/NP)

Toggle

Units and Hours**Minimum Credit Units**

1.0

Maximum Credit Units

1.0

Total Course In-Class (Contact) Hours

50.0

Course in class (contact) hours

Lecture Hours

5.0

Lab Hours

45.0

Activity Hours

0.0

FIRE-127 Company Officer 2E: Wildland Incident Operations

Units: 2.0

[Print Page](#)

[Back to department listing](#)

Description:

This course provides information on evaluating and reporting incident conditions, analyzing incident needs, developing and implementing a plan of action to deploy incident resources, completing all operations to suppress a wildland fire, establishing an incident command post, creating an incident action plan, and completing incident records and reports. This course is one of five core courses required in the California State Fire Training Company Officer Certification.

Requisites:

Advisory

Must complete or provide copy of S-290 Intermediate Fire Behavior Certificate (classroom delivery only) as well as meet the educational requirements for Fire Fighter II as stated in the California State Fire Training certification process.

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO #1 Describe the elements of an initial wildland fire size-up.
- CSLO #2 Identify a wildland fire incident objectives, strategies and tactics necessary to formulate an Incident Action Plan.
- CSLO #3 Compose a wildland fire incident ICS organizational chart for a medium size incident
- CSLO #4 Model the professional behavior expected of a Fire Service Professional, affective behavior observations: respect, discipline, interpersonal communication, conflict resolution and participation

Grade Options:

- Pass/No Pass (P/NP)

Toggle

Units and Hours**Minimum Credit Units**

2.0

Maximum Credit Units

2.0

Total Course In-Class (Contact) Hours

40.0

Course in class (contact) hours

Lecture Hours

40.0

Lab Hours

0.0

Activity Hours

0.0

FIRE-124 Company Officer 2B: General Administration Functions

Units: 1.0

[Print Page](#)

[Back to department listing](#)

Description:

This course provides information on general administrative functions, the implementation of department policies and procedures, and addresses conveying the fire department's role, image, and mission to the public. This course is one of five core courses required in the California State Fire Training Company Officer Certification.

Requisites:

Advisory

Meet the educational requirements for State Fire Marshall Firefighter II

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1 Describe state and federal laws and regulations that pertain to the role of company officer.
- CSLO 2 Explain the benefits of the organization and the purpose for establishing cooperative external agency relationships.
- CSLO 3 Identify the different levels of certification in the Fire Officer certification track.

Grade Options:

- Pass/No Pass (P/NP)

Toggle

Units and Hours

Minimum Credit Units

1.0

Maximum Credit Units

1.0

Total Course In-Class (Contact) Hours

20.0

Course in class (contact) hours

Lecture Hours

20.0

Lab Hours

0.0

Activity Hours

0.0

FIRE-102 Fire Behavior and Combustion

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

Fundamentals and scientific principles of fire behavior, combustible materials, extinguishing agents, hazardous and toxin materials, forms of energy and fire prevention/suppression techniques of all types of fires.

Requisites:

Advisory

[FIRE101 - Fire Protection Organization](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:**C-ID:**

- Fire Technology

Comparable course: FIRE 140X - Fire Behavior and Combustion

Student Learning Outcomes:

- CSLO 1: Explain the chemistry of fire and its behavioral characteristics (PSLO 1 and 3)
- CSLO 2: Categorize the major differences between the 5 classifications of fire. (PSLO 2 and 3)
- CSLO 3: Describe the dangers of fire suppression such as flashover and backdraft. (PSLO 2 and 3)
- CSLO 4: Identify the differences between firefighting strategies and firefighting tactics. (PSLO 1 and 4)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

FIRE-101 Fire Protection Organization

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

Provides an overview to fire protection and emergency services; career opportunities in fire protection and related fields; culture and history of emergency services; fire loss analysis; organization and function of public and private fire protection services; fire departments as part of local government; laws and regulations affecting the fire service; fire service nomenclature; specific fire protection functions; basic fire chemistry and physics; introduction to fire protection systems; introduction to fire strategy and tactics; life safety initiatives.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

C-ID:

- Fire Technology

Comparable course: FIRE 100X - Principles of Emergency Services

Student Learning Outcomes:

- CSLO 1. Compare the different career paths within the fire service organization in order to make sound career choices. (PSLO 2)
- CSLO 2. List, explain and demonstrate use of, basic fire terminology used in the fire service. (PSLO 1 and 2)
- CSLO 3. Explain the basic characteristics of the five(5) classes of fire. (PSLO 2)
- CSLO 4. Identify and compare historical fire events and how those events shape the modern day fire service . (PSLO 3)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

FIRE-103 Fire Protection Equipment and Systems

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

Provides information relating to the features of design and operation of fire alarm systems, water-based suppression systems, special hazard fire suppression systems, water supply for fire protection and portable fire extinguishers in accordance with local, state and national guidelines.

Requisites:

Advisory

[FIRE101 - Fire Protection Organization](#)

Advisory

[FIRE102 - Fire Behavior and Combustion](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:**C-ID:**

- Fire Technology

Comparable course: FIRE 100X - Fire Protection Systems

Student Learning Outcomes:

- 1) Comprehend the history and implementation of fire suppression systems and fire detection systems. (PSLO 1 and 3)
- 2) Distinguish between the different types of fire suppression systems: sprinklers, standpipe systems, fire pumps, fire extinguishers and special extinguishing systems. (PSLO 2 and 3)
- 3) Identify the function and its use for each type of fire suppression system. (PSLO 3)
- 4) Determine and describe the different types of fire detection and signaling systems.
- 5) Illustrate the function and its use for each type of detection system. (PSLO 2 and 3)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

FIRE-104 Building Construction for Fire Protection

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course covers fundamentals of building construction as it relates to firefighter and life safety. Classification of occupancy and types of construction with an emphasis on fire protection features including building equipment, facilities, and fire resistant materials as key factors when inspecting buildings, preplanning fire operations, and operating at emergencies.

Requisites:

Advisory

[FIRE101 - Fire Protection Organization](#)

Advisory

[FIRE103 - Fire Protection Equipment and Systems](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

C-ID:

- Fire Technology

Comparable course: FIRE 130X - Building Construction for Fire Protection

Student Learning Outcomes:

- CSLO 1: Use the Uniform Building Code and the Uniform Fire Code to determine the type of construction and the fire safety features of the building. (PSLO 1, 2 and 3)
- CSLO 2: Appraise the structural conditions of a building to determine whether it is safe to enter or work within the building and identify the critical collapse zones. (PSLO 1, 2, 5)
- CSLO 3: Identify the components and materials of a building and determine the structural fatigue factor. (PSLO 2, 3)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

FIRE-105 Fundamentals of Fire Prevention

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

Fundamental knowledge relating to the field of fire prevention. Topics include: history and philosophy of fire prevention; organization of a fire prevention bureau; use and application of codes and standards; plans review; fire inspections; fire and life safety education; and fire investigation.

Requisites:

Advisory

[FIRE101 - Fire Protection Organization](#)

Advisory

[FIRE102 - Fire Behavior and Combustion](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

C-ID:

- Fire Technology

Comparable course: FIRE 110X - Fire Prevention

Student Learning Outcomes:

- CSLO 1: Students will be able to demonstrate through written and oral communications knowledge of how to apply fire prevention methods such as fire inspection, fire code application and enforcement, and fire safety public education, to achieve fire safety and promote goodwill in the community. (PSLO 2 and 3).
- CSLO 2: Students will be able to identify laws, codes, ordinances, and regulations as they relate to fire prevention. (PSLO 3).
- CSLO 3: Students will be able to describe the functions of a fire prevention bureau, assess each component, and be able to defend them. (PSLO 3).
- CSLO 4: Students will be able to list opportunities in professional development for fire prevention personnel. (PSLO 1 and 2).

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours**Lecture Hours**

54.0

Lab Hours

0.0

Activity Hours

0.0

FIRE-107 Principles of Fire and Emergency Services Safety and Survival

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is designed for those seeking entry into, as well as those professionally employed in the fire service. This course is required by the California State Fire Training and Fire and Emergency Services Higher Education (FESHE) as it covers key topics to keep fire fighters safe in the course of their job. Topics include assessing fire dangers and handling common fire situations in the home and in the work place; risk abatement and personal preparation for unforeseen fire emergencies; and roles and responsibilities in educating the public on fire safety.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

C-ID:

- Fire Technology

Comparable course: FIRE 150X - Principles of Fire and Emergency Services
Safety and Survival

Student Learning Outcomes:

- CSLO 1: Students will be able to explain the need for enhancements of personal and organizational accountability for health and safety. (PSLO 1, 4)

- CSLO 2: Students will be able to formulate an awareness of how adopting standardized policies for responding to emergency scenes can minimize near-misses, injuries, and fatalities. (PSLO 2, 3, 4)
- CSLO 3: Students will be able to define how the concepts of risk management affect strategic and tactical decision-making. (PSLO 2, 3, 4)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

FIRE-106 Physical Fitness for Public Safety Personnel

Units: 1.0

[Print Page](#)

[Back to department listing](#)

Description:

This course prepares students for the physical demands of a public safety career and prepares them for the entry level physical agility exam. Students are introduced to the tools and proper procedures for the physical requirements public safety positions require including carrying, lifting, climbing, and pulling equipment as well as proper physical rescue techniques. Also included are aerobic workouts designed to improve cardiovascular endurance, strength training and flexibility.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Students develop an appropriate workout routine for physical fitness improvement. (PSLO 5)
- CSLO2: Establish and maintain a target heart rate during an aerobic workout. (PSLO 5)
- CSLO3: Utilize appropriate mechanics for basic weight exercises. (PSLO 5)
- CSLO4: Utilize appropriate mechanics for carrying, lifting, climbing, swinging and pulling equipment and for proper physical rescue techniques. (PSLO 4, 5)
- CSLO 1: Students develop an appropriate workout routine for physical fitness improvement. Students will be taught proper stretching, warm up, and workout routines for major muscle groups involved in the course. They will keep a journal, in the form of a Fit Book, of their routines during class sessions, and outside sessions on their own. This Fit Book will be evaluated weekly for performance improvement.
- CSLO 2: Establish a target heart rate and control it during an aerobic workout for twenty or more minutes. Students will self-evaluate themselves into one of three (beginning, intermediate, advanced) workout levels. They will then refer to the target heart rate chart that uses age and percentage as a factor so one can stay aerobic and not become anaerobic.

Students will be given a pre, midterm, and posttest to evaluate their cardiovascular endurance improvement. This is accomplished by completing a 1.5 mile jog/run in under 12 minutes.

- CSLO 3: Utilize appropriate mechanics for basic weight training exercises. Students will be taught weight training exercises using individual weight machines, hand weights and free weights that use different major muscle groups. They will be mentored on proper body mechanics to get the full range of motion on a specific lift itself and the proper breathing technique for muscular endurance. Students will place themselves into one of three (beginner, intermediate, advanced) groups to establish the amount of weight to be used in a prescribed amount of time. . Students will be pre and post tested for muscular endurance by doing 40 sit-ups under 1 minute, and 40 push-ups under 1 minute.
- CSLO 4: Utilize appropriate mechanics for carrying, lifting, climbing, swinging and pulling equipment and for proper physical rescue techniques. Students will be taught how to condition themselves for entry level ability exams by participating in carrying, lifting, climbing, swinging and pulling equipment. This will be done on a weekly basis. Students will be pre and post tested for muscular endurance. Students will be evaluated on proper form, technique and full range of motion while performing these entry level ability skills.

Grade Options:

- Pass/No Pass (P/NP)

Toggle

Units and Hours

Minimum Credit Units

1.0

Maximum Credit Units

1.0

Total Course In-Class (Contact) Hours

0.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

54.0

Activity Hours

0.0

FIRE-120 Firefighter 1 Academy

Units: 16.0

[Print Page](#)

[Back to department listing](#)

Description:

Los Medanos College's Firefighter 1 Academy prepares students (cadets) for entry-level jobs in firefighting careers. This course provides the minimum level of training required by the California State Fire Marshall and prepares the cadet for jobs serving as volunteer, reserve and career Firefighters. Los Medanos College's Firefighter 1 Academy also leads toward California State Firefighter 1 Certification track. The California State Firefighter 1 curriculum, guidelines and assessments are closely followed and delivered throughout this academy. ♦ Standards of performance in written exams and skill demonstrations are established by The Office of the State Fire Marshall utilizing IFSAC (International Fire Service Accreditation Congress) and Pro-Board Fire professional qualification system testing standards. The firefighter 1 academy offered at Los Medanos College is fully accredited by the California State Fire Marshal and the California State Board of Fire Services. There is a mandatory orientation required for this course. Mandatory fees apply for State Certificates issued and for capstone testing and other activities during the Firefighter 1 Academy.

Requisites:

Prerequisite

[FIRE101 - Fire Protection Organization](#)

Prerequisite

[FIRE102 - Fire Behavior and Combustion](#)

Prerequisite

Satisfactory completion of an Emergency Medical Technician training program. **Prerequisite**

[FIRE106 - Physical Fitness for Public Safety Personnel](#)

Prerequisite

Successful clearance of standard medical physical exam within 6 months prior to the Fire Academy
Fire Cadets are required to carry their own medical insurance

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO #1 Describe and explain roles, functions, duties and responsibilities of a professional firefighter (PSLO 1, 3)
- CSLO #2 Display leadership and interpersonal skills expected of a professional Firefighter (PSLO 3,5)
- CSLO #3 Identify and use firefighting equipment and firefighting techniques to effectively extinguish fires, rescue victims, protect the environment and save property. (PSLO 3, 4, 5)
- CSLO #4 Inspect, operate and maintain firefighting equipment in a safe and approved manner (PSLO 1, 2)

Grade Options:

- Pass/No Pass (P/NP)

Toggle

Units and Hours**Minimum Credit Units**

16.0

Maximum Credit Units

16.0

Total Course In-Class (Contact) Hours

408.0

Course in class (contact) hours

Lecture Hours

228.0

Lab Hours

180.0

Activity Hours

0.0

FIRE-180 Internship in Fire Technology Technology

Units: 1.0-4.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is for students who have declared a major, have taken classes in the major, and are ready for on-the-job experience in a paid or unpaid position. An internship involves working in a skilled or professional level assignment in the area of a student's vocational or academic major or field of interest. Students, with faculty and employer approval, will apply college-acquired knowledge, skills and abilities as well as acquire new learning to prepare for a career in their chosen field. Students must work 75 paid hours or 60 non-paid hours for each unit of credit earned. Students may earn a maximum of 16 units of occupational work experience internship during community college attendance which may be applied as electives toward graduation. 12 units are transferable to CSU.

Requisites:

None

Course Note:

Work Experience Education Requirements

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

Section 55253. College Credit and Repetition The amendment to Title 5 created an exception to the general rule for repetition of activity courses to allow students to take the full number of units of cooperative work experience, which would otherwise be allowed. (b) If a college offers only one course in occupational work experience in a given field and that course is not offered as a variable unit open entry/open-exit course, the district policy on course repetition adopted pursuant to section 55040 may permit a student to repeat that course any number of times so long as the student does not exceed the limits on the number of units of cooperative work experience education set forth in

subdivision (a). Consistent with section 58161, attendance of a student repeating a cooperative work experience course pursuant to this subdivision may be claimed for state apportionment.

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Apply professionalism and work ethic skills including personal accountability, work habits, punctuality, working productively with others, and managing time and work load.
- CSLO 2: Work in collaborative relationships with colleagues and customers and be able to work with diverse teams, negotiate, and manage conflicts.
- CSLO 3: Apply critical thinking and problem solving skills by using sound reasoning and analytical thinking as well as using knowledge, facts, and data to solve workplace problems.
- CSLO 4: Communicate thoughts and ideas clearly and effectively using public speaking skills and the ability to write clearly and effectively
- CSLO 5: Utilize, under direct supervision, knowledge, skills and abilities acquired during prior or concurrent college course work directly related to work place responsibilities by applying appropriate Course-Level Student Learning Outcomes from a college course to the internship.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

1.0

Maximum Credit Units

4.0

Total Course In-Class (Contact) Hours

300.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

300.0

Activity Hours

0.0

FIRE-170 Occupational Work Experience Education In Fire Technology

Units: 1.0-4.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is for students whose work is related to their major. Occupational Work Experience Education provides students with opportunities to develop marketable skills in preparation for employment or advancement within their current job. To participate in cooperative work experience education, students must be employed or formally volunteer and undertake new or expanded responsibilities. Students, with faculty and employer approval, will develop and successfully complete one learning objective for each unit of credit in which they enroll. Additionally, students must work 75 paid hours or 60 non-paid hours for each unit of credit earned. Students may earn up to 8 units per semester and may repeat for a maximum of 16 units of occupational work experience during community college attendance which may be applied as electives toward graduation.

Requisites:

None

Course Note:

Work Experience Education Requirements

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

Section 55253. College Credit and Repetition The amendment to Title 5 created an exception to the general rule for repetition of activity courses to allow students to take the full number of units of cooperative work experience, which would otherwise be allowed. (b) If a college offers only one course in occupational work experience in a given field and that course is not offered as a variable unit open entry/open-exit course, the district policy on course repetition adopted pursuant to section 55040 may permit a student to repeat that course any number of times so long as the student does not exceed the limits on the number of units of cooperative work experience education set forth in subdivision (a). Consistent with section 58161, attendance of a student repeating a cooperative work experience course pursuant to this subdivision may be claimed for state apportionment.

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Apply professionalism and work ethic skills including personal accountability, work habits, punctuality, working productively with others, and managing time and work load.
- CSLO 2: Work in collaborative relationships with colleagues and customers and be able to work with diverse teams, negotiate, and manage conflicts.
- CSLO 3: Apply critical thinking and problem solving skills by using sound reasoning and analytical thinking as well as using knowledge, facts, and data to solve workplace problems.
- CSLO 4: Communicate thoughts and ideas clearly and effectively using public speaking skills and the ability to write clearly and effectively.
- CSLO 5: Utilize, under direct supervision, knowledge, skills and abilities acquired during prior or concurrent college course work directly related to workplace responsibilities by applying appropriate Course-Level Student Learning Outcomes from a college course to the student's place of employment.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

1.0

Maximum Credit Units

4.0

Total Course In-Class (Contact) Hours

300.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

300.0

Activity Hours

0.0

FIRE-098 Independent Study in Fire Technology

Units: 0.5-3.0

[Print Page](#)

[Back to department listing](#)

Description:

Provides the student an opportunity to design and pursue their own interests within a particular area. Projects reflecting cultural diversity and/or societal issues will be greatly encouraged. A contract must be drawn between the student and the instructor stipulating the goals of the independent study, the content, the method of approach, the estimated time involved, and the periodic evaluation to be used. This course may be repeated for credit. (Minimum 1 hour per week with instructor plus 54 hours of contracted work for each unit of credit.)

Requisites:

None

Course Note:

Submission of acceptable educational contract to department and Instruction Office is required.

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- Meet outcomes as specified in the approved Application for Independent Study.
- Gain knowledge and skill through the successful completion of an independent study course.
- Demonstrate and/or apply independent academic learning skills.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

0.5

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

162.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

162.0

Activity Hours

0.0

French

Program Information

Courses listed below.

Course Information

[FRNCH060 - Elementary French I](#)

[FRNCH061 - Elementary French II](#)

[Back to department listing](#)

FRNCH-060 Elementary French I

Units: 5.0

[Print Page](#)

[Back to department listing](#)

Description:

A visual/aural approach to understanding, speaking, reading and writing French. The content used to learn the language will be drawn from the rich French and Francophone countries and cultures. This course is equivalent to two years of high school French.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:**CSU - General Education - Breadth Requirements:**

- Area C2: Humanities

LMC Local AA/AS - General Education Requirements:

- C. Arts & Humanities

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 6: Languages Other Than English (UC Requirement Only)

Student Learning Outcomes:

- 1. Communicate in elementary transfer level French in listening, speaking, reading and writing in the target language. Demonstrate appropriate basic grammar, syntax and vocabulary at the beginning level. Apply acquired language skills associated with familiar topics, cultural themes, and survival situations in their daily lives.
- 2. Communicate in culturally and ethically appropriate ways, using the French language to create meaning and respond to heritage and non- native speakers. Identify and discriminate between the nuances of the home culture and world cultures represented by the target language.
- 3. Illustrate competency in elementary French by using skills for personal and global communication needs in the target language community locally and throughout the world.
- 4. Develop personal connections and global understanding using French through technology.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

5.0

Maximum Credit Units

5.0

Total Course In-Class (Contact) Hours

90.0

Course in class (contact) hours

Lecture Hours

90.0

Lab Hours

0.0

Activity Hours

0.0

FRNCH-061 Elementary French II

Units: 5.0

[Print Page](#)

[Back to department listing](#)

Description:

French 61 is the continuation of French 60 of a three semester series of speaking, reading, and writing French as it is used in France and Francophone countries such as Canada, Belgium, Switzerland, and Monaco, as well as in the French-influenced cultures of North Africa, Africa, Haiti and Tahiti. The content used in learning is drawn from the rich French, Canadian, Swiss, Belgian and various African cultures, including, but not limited to those of Tunisia, Algeria and Morocco, as well as those of Cameroun and La cote d'ivoire

Requisites:

Prerequisite

[FRNCH060 - Elementary French I](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

CSU - General Education - Breadth Requirements:

- Area C2: Humanities

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 3B: Humanities
- Area 6: Languages other than English

LMC Local AA/AS - General Education Requirements:

- C. Arts & Humanities

Student Learning Outcomes:

- 1. Communicate in elementary transfer level II French in listening, speaking, reading and writing. Demonstrate appropriate basic grammar, syntax and vocabulary at the beginning II level. Apply acquired language skills associated with familiar topics, cultural themes, and survival situations.
- 2. Communicate in culturally and ethically appropriate ways, using the French language to create meaning and respond to heritage and non-native speakers. Identify and discriminate between the nuances of the home culture and world cultures represented by the target language.
- 3. Illustrate competency in elementary French level II by using skills for personal and global communication needs in the target language community locally and throughout the world.
- 4. Develop personal connections and global understanding using French through technology.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

5.0

Maximum Credit Units

5.0

Total Course In-Class (Contact) Hours

90.0

Course in class (contact) hours

Lecture Hours

90.0

Lab Hours

0.0

Activity Hours

0.0

History

Program Information

Degree(s) and/or certificates and courses listed below.

Degrees and Certificates

[History Associate of Arts Degree for Transfer \(AAT\)](#)

Course Information

[HIST029 - United States History Until 1865](#)

[HIST030 - United States History From 1865](#)

[HIST031 - California History](#)

[HIST034 - History of Western Civilization to the Renaissance](#)

[HIST035 - History of Western Civilization since the Renaissance](#)

[HIST037 - History of Race and Ethnicity in the United States](#)

[HIST038 - Contemporary U.S. History](#)

[HIST039 - World History to 1500](#)

[HIST040 - World History Since 1500](#)

[HIST047 - History of Native Americans](#)

[HIST052 - Mexican American History](#)

[HIST054 - LGBTQ American History](#)

[HIST055 - History of Sexuality in North America](#)

[HIST056 - History of American Women to 1877](#)

[HIST057 - History of American Women Since 1877](#)

[HIST060 - History of African-Americans to 1865](#)

[HIST061 - History of African-Americans Since 1865](#)

[HIST062 - Global History of Slavery](#)

[HIST065 - History of African Civilizations to 1800](#)

[HIST066 - History of African Civilizations since 1800](#)

[HIST098 - Independent Study in History](#)

[Back to department listing](#)

History Associate of Arts Degree for Transfer (AAT)

A.A. Degree for Transfer

[Print Page](#)

[Back to department listing](#)

Units:

60 units

To encourage students participation, individually and collectively, in an ongoing 2500 year old tradition of historical inquiry—inquiry undertaken with the goal of telling “a true story of the human past.” To show students how history practitioners—from ancient to modern; and from every known human culture—have pursued and achieved this “truth-telling”, and to cultivate the cognitive skills and methodological applications suitable for attaining “true stories” in our 21st century of human endeavor. To prepare history program participants for successful transfer into upper level university history programs (e.g. California State University and University of California systems) so as to earn baccalaureate degrees with a history emphasis. To assist students in seamlessly transferring to a CSU with a history major. The Associate in Arts in History for Transfer is designed to prepare students for successful transfer into upper division university programs with the objective of earning baccalaureate degrees with a history emphasis. To earn the Associate Degree for Transfer: 1. Completion of 60 semester units or 90 quarter units of degree-applicable courses, 2. Minimum overall grade point average of 2.0, 3. Minimum grade of “C” (or “P”) for each course in the major, and 4. Completion of IGETC and/or CSU GE-Breadth Certain ADTs are based on completion of IGETC for STEM or CSU GE-Breadth for STEM.

Toggle

Program Learning Outcomes

- 1. Demonstrate the ability to analyze, evaluate, and synthesize historical data into independent interpretations.
- 2. Understand and value the importance of diverse perspectives in history.
- 3. Analyze the cause and effects of historical events.
- 4. Organize and express their thoughts clearly and coherently in both oral and written formats.

Toggle

Program Requirements

A.A. Degree for Transfer
Required Courses

Required Courses for Major (Total 18 - 20)

Complete all of the following

[HIST029 - United States History Until 1865](#) 3

[HIST030 - United States History From 1865](#) 3

Required Courses for Major List A (Total 6)

Complete all of the following

[HIST039 - World History to 1500](#) 3

[HIST040 - World History Since 1500](#) 3

Required Courses for Major List B Area 1 (Total 3 - 5)

Complete the following number of credits: 3-5

[ETHN045 - Introduction to Black Studies](#) 3

[FRNCH060 - Elementary French I](#) 5

[FRNCH061 - Elementary French II](#) 5

[HIST052 - Mexican American History](#) 3

[ITAL060 - Elementary Italian I](#) 5

[ITAL061 - Elementary Italian II](#) 5

[POLSC043 - International Relations](#) 3

[SPAN050 - Elementary Spanish I](#) 5

[SPAN051 - Elementary Spanish II](#) 5

[SPAN052 - Intermediate Spanish I](#) 5

[SPAN053 - Intermediate Spanish II](#) 5

[HIST047 - History of Native Americans](#) 3

Required Courses for Major List B Area 2 (Total 3)

Complete the following number of credits: 3

[ANTHR005 - General Anthropology](#) 3

[ANTHR006 - Cultural Anthropology](#) 3

[ANTHR007 - Culture Change and Globalization](#) 3

[ART006 - Ancient Art History \(to 350 CE\)](#) 3

[ART007 - Medieval and Renaissance Art History \(350 to 1550 CE\)](#) 3

[ART008 - Early Modern Art History \(1550 to 1920 CE\)](#) 3

[ART009 - Late Modern and Contemporary Art History \(1920 CE-Present\)](#) 3

[ECON005 - Economic History of the United States](#) 3

[HIST031 - California History](#) 3

[HIST034 - History of Western Civilization to the Renaissance](#) 3

[HIST035 - History of Western Civilization since the Renaissance](#) 3

[HIST047 - History of Native Americans](#) 3

[HIST052 - Mexican American History](#) 3

[POLSC010 - Introduction to American Government: Institutions and Ideals](#) 3

[POLSC043 - International Relations](#) 3

[PSYCH010 - Individual and Social Processes](#) 3

[PSYCH011 - General Psychology](#) 3

[SOCIO015 - Introduction to Sociology](#) 3

[SOCIO016 - Introduction to Social Problems](#) 3

HIST-029 United States History Until 1865

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course examines the social, cultural, political, and economic history of North America from the era of European colonization to the Civil War. Particular emphasis will be placed on understanding how race, class, gender, and sexuality intersected with ideas about power. The course will present a multicultural history of the United States by examining the experiences of Native Americans, African-Americans, Euro-Americans, Hispanic-Americans and their contributions to U.S. history. The origins, nature, and impact of the U.S Constitution on U.S. history before 1865 including the political philosophy of the framers, the operation of political institutions, and the rights and obligations of citizens will also be covered.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

CSU - General Education - Breadth Requirements:

- Area C2: Humanities
- Area D: Social Sciences

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 4F: History

LMC Local AA/AS - General Education Requirements:

- SB: Social and Behavioral Sciences

Student Learning Outcomes:

- 1. Articulate, in written and oral communication, an understanding of U.S. history before 1865 through the analytical categories of race, class, gender, and ethnicity. Analyze the ethical implications for systems of power based on these categories of difference. (GE SLO 1, 2, 3,4,5) (PSLO 1,2,3,4)
- 2. Demonstrate the ability to interpret primary and secondary sources and to compose an argument which uses them, as appropriate, for support. (GE SLO 1,3,) (PSLO 1,3,4)
- 3. Analyze major political, social, cultural, and economic trends of American history before 1865 and explain their cause and effects. (GE SLO 2,3,) (PSLO 3)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

HIST-030 United States History From 1865

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course examines the social, cultural, political, and economic history of North America from the post-Civil War to the modern era. Particular emphasis will be placed on understanding how race, class, gender, and sexuality intersected with ideas about power. The course will present a multicultural history of the United States by examining the experiences of Native Americans, African-Americans, Euro-Americans, Hispanic-Americans and their contributions to U.S. history. The origins, nature, and impact of the U.S Constitution on U.S. history since 1865 including the operation of political institutions, and the rights and obligations of citizens will also be covered.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 4F: History

C-ID:

- History

Comparable course: HIST 140

CSU - General Education - Breadth Requirements:

- Area C2: Humanities
- Area D: Social Sciences

LMC Local AA/AS - General Education Requirements:

- SB: Social and Behavioral Sciences

Student Learning Outcomes:

- 1. Articulate, in written and oral communication, an understanding of U.S. history since 1865 through the analytical categories of race, class, gender, and ethnicity. Analyze the ethical implications for systems of power based on these categories of difference. (GE SLO 1, 2, 3,4,5) (PSLO 1,2,3,4)
- 2. Demonstrate the ability to interpret primary and secondary sources and to compose an argument which uses them, as appropriate, for support. (GE SLO 1,3,) (PSLO 1,3,4)
- 3. Analyze major political, social, cultural, and economic trends of American history since 1865 and explain their cause and effects. (GE SLO 2,3,) (PSLO 3)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

HIST-031 California History

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This survey course covers the history of California from its Native California origins to the present (Native California, Spanish, Mexican, and American Periods) with a focus on the unique geography of California, and how that shaped its history. Particular focus will be on the contributions that ethnic and cultural minorities and women have made to the political, social, cultural, and economic development and history of California.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

LMC Standard AA/AS - General Education Requirements:

- B. Social & Behavioral Sciences

CSU - General Education - Breadth Requirements:

- Area C2: Humanities
- Area D: Social Sciences

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 4: Social & Behavioral Sciences

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 3B: Humanities

Student Learning Outcomes:

- CSLO 1: Analyze the cultural, economic, social, and ideological factors that have influenced the development of California.(PSLO 1,2,3,4) (GE SLO 1,2)
- CSLO 2: Perform research, evaluating and applying primary and secondary source materials, to reach well-reasoned conclusions about California history. (PSLO 1,2,34) (GE SLO 2,3)
- CSLO 3: Explain how diverse populations historically have shaped California society. (PSLO 1,2,3,4) (GE SLO 2,3,4, 5)
- CSLO 4: Analyze the history of California within the broader context of United States and global history. (PSLO 1,2,3,4) (GE SLO 1,2,3,4)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

HIST-034 History of Western Civilization to the Renaissance

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course covers major events and cultural trends in the historical evolution of Western civilization from the beginning of Western civilization to the 16th century. It analyzes historical events from the perspective of the people in power as well as those on the periphery. Analysis of the evolution of the empires of Egypt, Greece and Rome will be a point of emphasis as well as social movements, philosophy, architecture, and characteristics of the Middle Ages to the Renaissance.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

LMC Standard AA/AS - General Education Requirements:

- B. Social & Behavioral Sciences

CSU - General Education - Breadth Requirements:

- Area C2: Humanities
- Area D: Social Sciences

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 3B: Humanities
- Area 4: Social & Behavioral Sciences

C-ID:

- History

Comparable course: HIST 170

Student Learning Outcomes:

- CSLO 1: Critically read and effectively communicate in writing and orally the fundamental characteristics of Ancient Western Civilization that include economic, political, sociological, psychological, cultural and religious values. (GESLO 1, 2) (PSLO 1,2,3,4)
- CSLO 2: Think critically and creatively about the impact of the major empires of the Western Ancient World, the rise of Christianity, the rise of the Middle Ages and the Age of Exploration. (GESLO 3) (PSLO 1,2,3,4)
- CSLO 3: Consider the ethical implications for the masses as they were dominated by those that held the majority of the power, and identify the positive and negative components of such a relationship. (GESLO 4) (PSLO 1,2,3,4)
- CSLO 4: Describe and explain the contributions made by the people on the periphery of power to the evolution of Western Civilization from its inception to the 16th century. (GESLO 5) (PSLO 1,2,3,4)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

HIST-035 History of Western Civilization since the Renaissance

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course covers major events and cultural trends in the historical evolution of Western civilization from the 16th century to the 21st century. It analyzes historical events from the perspective of the people in power as well as those on the periphery. Analysis of revolutions, wars, and social movements will be a point of emphasis. Topics will include, but are not limited to: French, Russian, Scientific, and Industrial Revolution; the Protestant Reformation and the Wars of Religion; French absolutism, English constitutionalism, war trade and empire; nationalism, imperial rivalry, and the world wars; the fall of communism and modern Europe.

Requisites:**Advisory**

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

LMC Standard AA/AS - General Education Requirements:

- B. Social & Behavioral Sciences

CSU - General Education - Breadth Requirements:

- Area C2: Humanities
- Area D: Social Sciences

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 3B: Humanities
- Area 4: Social & Behavioral Sciences

C-ID:

- History

Comparable course: HIST 180

Student Learning Outcomes:

- CSLO 1: Critically read and effectively communicate in writing and orally the fundamental characteristics of Western Civilization that include economic, political, sociological, psychological, cultural and religious values. (GESLO 1, 2) (PSLO 1,2,3,4).
- CSLO 2: Think critically and creatively about the impact of the Scientific Revolution, the Renaissance, the Age of Exploration, the Industrial Revolution, the French Revolution on the demise of the “Great Chain of Being”. (GESLO 3) (PSLO 1,2,3,4)
- CSLO 3: Consider the ethical implications of European revolutions and historic events over the last five centuries and identify the positive and negative outcomes. (GESLO 4) (PSLO 1,2,3,4)
- CSLO 4: Describe and explain the contributions made by immigrants and people on the periphery of power to the evolution of Western Civilization from the 15th to the 21st century. (GESLO 5) (PSLO 1,2,3,4)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

HIST-037 History of Race and Ethnicity in the United States

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course surveys the idea of race and the history of racism in American society from the colonial era to the present. Students will focus on the emergence of the idea of race and trace the ways racial ideology and understandings of ethnicity have changed over time. Students will explore how the social construction of race allowed some people to exercise power while disempowering others. Students will also evaluate the ethical implications of racism by exploring the ways race has been used to justify slavery, political disenfranchisement, and economic marginalization of various groups within American society.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

CSU - General Education - Breadth Requirements:

- Area C2: Humanities
- Area D: Social Sciences
- U.S. History, Constitution, and American Ideals

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 3B: Humanities
- Area 4: Social & Behavioral Sciences

LMC Local AA/AS - General Education Requirements:

- B. Social & Behavioral Sciences
- E. Ethnic/Multicultural Studies

Student Learning Outcomes:

- CSLO 1: Articulate the intersectional nature of racial identity with other social categories including gender, ethnicity, sexual orientation, class, nationality, and other forms of identity. (PSLO 1,2,3,4) (GE SLO 3,4,5)
- CSLO 2: Create an understanding of American history that centers the social construction of race and its impact on economic, political, and social development. (PLSO 1,2,3,4) (GE SLO 2,3,4,5)
- CSLO 3: Evaluate the ethical implications for systems of power based on race and ethnicity. (PSLO 1,2,3,4,5) (GE SLO 2,3,4,5)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

HIST-038 Contemporary U.S. History

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course will examine contemporary U.S history from World War II to the present. From a socially inclusive, trans-cultural and trans-national perspective students will critically evaluate the historical implication of U.S. cultural hegemony and imperial preeminence over other world nations and people. The course will address problems as follows: With reference to our national past, to what extent is our current hegemony continuous or discontinuous with the 'nationalism' of earlier generations? Since contemporary American ideology claims a special role for the 'American System' in the building of a universal order of 'liberal-capitalist democracy' to what extent is this claim compatible with or inimical to the real prospects for world democracy in the 21st century? 'Cultural wars,' 'global warming,' 'terrorist rivalries' and extreme materialism are the signature issues of late modernity.

Requisites:

Advisory
ENGL100 - College Composition

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

LMC Standard AA/AS - General Education Requirements:

- B. Social & Behavioral Sciences

CSU - General Education - Breadth Requirements:

- Area C2: Humanities
- Area D: Social Sciences
- U.S. History, Constitution, and American Ideals

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 3B: Humanities
- Area 4: Social & Behavioral Sciences

Student Learning Outcomes:

- CSLO 1: Read critically and communicate effectively as a writer and speaker regarding contemporary U.S History from World War II to the present from an ethical, socially inclusive, trans-cultural and trans-national perspective (PSLO 1, 2, 3, 4) (GESLO 1, 3, 4, 5)
- CSLO 2: Critically and creatively analyze the ethical issues of the U.S.'s cultural hegemony and imperial preeminence over other world nations and people from World War II to the present. (PSLO 1,2,3, 4) (GESLO 3, 4, 5)
- CSLO 3: Analyze the role and contributions of women and various cultural and ethnic groups in contemporary U.S. history. (PSLO 1,2,3,4) (GESLO 5)
- CSLO 4: Critically and creatively analyze the impact of the interconnected relationship of politics with music, art, literature and cinema from World War II to the present. (PSLO 1,2,3,4) (GESLO 2)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours**Lecture Hours**

54.0

Lab Hours

0.0

Activity Hours

0.0

HIST-039 World History to 1500

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course presents a broad survey of world history, emphasizing the dynamic interaction of cultures and peoples and the broad patterns of global history up to 1500 CE. The course examines the key social, political, economic, cultural, and intellectual forces that shaped the major world

civilizations. While the legacy of these major civilizations will be emphasized, less influential societies are also examined for perspective.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

LMC Standard AA/AS - General Education Requirements:

- SB: Social and Behavioral Sciences

CSU - General Education - Breadth Requirements:

- Area C2: Humanities
- Area D: Social Sciences

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 3B: Humanities
- Area 4: Social & Behavioral Sciences

C-ID:

- History

Comparable course: HIST 150

Student Learning Outcomes:

- CSLO 1: Evaluate the consequences of historical events from multiple perspectives, including those of varying ethnic, socio-economic, cultural, and gender backgrounds.
- CSLO 2: Analyze world history and society in a comparative context, acknowledging the historical construction of differences and similarities among groups and regions.

- CSLO 3: Describe the role of geography in history and its influence in constraining or aiding societal development.
- CSLO 4: Distinguish the difference between primary and secondary sources, demonstrating how each is used to produce historical knowledge.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

HIST-040 World History Since 1500

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course surveys world history from 1500 CE to the present, with an emphasis on the dynamic interaction of cultures and societies around the globe. The course considers the social, political, economic, cultural, and intellectual forces that shaped both major societies and less influential ones. The course examines the legacy of these forces worldwide and their contributions to present-day circumstances, including on-going tensions between tradition and modernity. Specifically, it transcends nationalist versions of history to connect the histories of people worldwide through the methodology of World History.

Requisites:**Advisory**

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:**LMC Standard AA/AS - General Education Requirements:**

- SB: Social and Behavioral Sciences

CSU - General Education - Breadth Requirements:

- Area C2: Humanities
- Area D: Social Sciences

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 3B: Humanities
- Area 4: Social & Behavioral Sciences

C-ID:

- History

Comparable course: HIST 160

Student Learning Outcomes:

- CSLO 1: Explain the causes of major historical events in world history since 1500.
- CSLO 2: Explain the historical interaction of various cultures in shaping the modern world.
- CSLO 3: Analyze how categories of difference, such as gender, race, class, and sexuality, have both created and contested various hierarchies of power in diverse cultures in modern world history
- CSLO 4: Synthesize different national and regional perspectives on recent world history.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

HIST-047 History of Native Americans

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course surveys the history of Native American Indians from pre-history to the present. Students will construct an understanding of North American history that centers the American Indian perspective. Major course themes include cross-cultural exchange and adaptation, the construction of racial consciousness, and issues related to tribal sovereignty and relations with the U.S. federal government.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

LMC Standard AA/AS - General Education Requirements:

- E. Ethnic/Multicultural Studies
- EM: Ethnic/Multicultural Studies
- SB: Social and Behavioral Sciences

CSU - General Education - Breadth Requirements:

- Area C2: Humanities
- Area D: Social Sciences
- U.S. History, Constitution, and American Ideals

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 3B: Humanities
- Area 4: Social & Behavioral Sciences

Student Learning Outcomes:

- CSLO 1: Create historical narratives about Native American history using oral traditions, Native written material, written primary documents, and archeological records.
- CSLO 2: Explain how race, gender, class, and ethnicity have both supported and contested hierarchies of power both within Native societies and in cross-cultural contact.
- CSLO 3: Articulate an understanding of North American history that centers the Native American experience
- CSLO 4: Relate Native American history with current tribal politics and policies and U.S. governmental policies especially as related to sovereignty issues.

Grade Options:

- Letter Grade Methods (LR)
- Student Choice (SC)
- Pass/No Pass

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

HIST-052 Mexican American History

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This survey course covers the history of Mexican Americans from 1800 to the present. This course will cover social, cultural, political, economic, and gender issues. There will be a specific focus on post-1900 immigration from Mexico and the impact of labor and union organization, and repatriation; Mexican American women in the labor force and their struggle to balance and challenge patriarchal and cultural traditions; the formation of early Mexican and Mexican American civil rights organizations known as mutualistas; cultural disintegration through Americanization programs; Mexican American participation in World War II; the formation of Mexican American civil rights organizations such as League of United Latin American Citizens and Mexican American Legal Defense and Education Fund; the Chicano movement; and the fight in the fields - Huelga!

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

LMC Standard AA/AS - General Education Requirements:

- E. Ethnic/Multicultural Studies
- B. Social & Behavioral Sciences

CSU - General Education - Breadth Requirements:

- Area C2: Humanities

- Area D: Social Sciences
- U.S. History, Constitution, and American Ideals

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 4G: Interdisciplinary, Social, and Behavioral Sciences
- Area 3B: Humanities
- Area 4C: Ethnic Studies
- Area 4F: History
- Area 4: Social & Behavioral Sciences

Student Learning Outcomes:

- CSLO 1: Read critically and communicate in writing and orally about the cultural impact of Mexican immigrants and Mexican Americans on the United States. (PSLO 1,2,3,4) (GESLO 1)
- CSLO 2: Use interdisciplinary approaches to compare and contrast the rise of Mexican and Mexican American civil rights organizations and other civil rights movements such as National Association for the Advancement of Colored People, Southern Christian Leadership Conference, and National Organization for Women. (PSLO 1,2,3,4) (GESLO 2)
- CSLO 3: Think critically and creatively about the impact of Mexican immigrants and Mexican Americans on the U.S. economy. (PSLO 1,2,3,4) (GESLO 3)
- CSLO 4: Analyze the ethical impact of Americanization of Mexican immigrants, Mexican Americans, and the rising conflict within this cultural group to maintain customs and traditions. (PSLO 1,2,3,4) (GESLO 4)
- CSLO 5: Assess the gendered experiences of Mexican and Mexican American women around issues such as labor, home life, political organizing, etc. (PSLO 1,2,3,4) (GESLO 5)
- CSLO 6: Develop a global historical perspective of Mexican immigration today and how this historical perspective is relevant to other ethnic and religious groups today. (PSLO 1,2,3,4) (GESLO 5)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

HIST-054 LGBTQ American History

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

Survey of the origins, development, and current status of the Lesbian, Gay, Bisexual, Transgender, and Queer reform and liberation movements in the United States, with particular emphasis since WWII. Includes the lives, communities, organizations, and resistance movements created by LGBTQ peoples from diverse racial, ethnic, and class backgrounds.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:**LMC Standard AA/AS - General Education Requirements:**

- E. Ethnic/Multicultural Studies
- B. Social & Behavioral Sciences

CSU - General Education - Breadth Requirements:

- Area C2: Humanities
- Area D: Social Sciences
- U.S. History, Constitution, and American Ideals

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 3B: Humanities
- Area 4: Social & Behavioral Sciences
- Area 4D: Gender Studies
- Area 4F: History

Student Learning Outcomes:

- CSLO 1: Discuss and evaluate the existence and contributions of lesbians, gay men, bisexual, and transgender people throughout the history of the United States, and the strategies they used for survival (PSLO 1,2,3,4)
- CSLO 2: Identify the major personalities, groups, and events involved in the lesbian/gay/bisexual transgender movements for social change, and the basic programs of reforms proposed (PSLO 1,2,3,4)
- CSLO 3: Analyze the major transformations of LGBT movements that occurred from the 1950's onward as a result of new ethnic, feminist, and organizational concerns (PSLO 1,2,3,4)
- CSLO 4: Analyze and evaluate the development of lesbian, gay, bisexual and transgender identities and communities in the 20th/21st century. (PSLO 1,2,3,4)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

HIST-055 History of Sexuality in North America

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course surveys the social construction of sexualities in North America from the colonial period through the present. The course will focus on understanding how the expression and regulation of sexuality both structured cross-cultural contact in North America and contributed to social order and control. Particular emphasis is placed on understanding how the regulation of sexuality both contested and reinforced other hierarchies of power such as race, class, and gender.

Requisites:**Advisory**

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

LMC Standard AA/AS - General Education Requirements:

- B. Social & Behavioral Sciences
- E. Ethnic/Multicultural Studies

CSU - General Education - Breadth Requirements:

- Area C2: Humanities
- Area D: Social Sciences

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 4D: Gender Studies

Student Learning Outcomes:

- CSLO 1: Articulate how the different cultures of North America (including Native American, African, Hispanic, and Anglo-American peoples) held diverse perspectives and different philosophies regarding sexuality, the body, and gender. (GE SLO 1,3,5) (PSLO 1,2,3,4)
- CSLO 2: Think critically and creatively about the history of same-sex sexuality by constructing a narrative that leads from colonial repression to the LGBT freedom movement of the modern era (GE SLO 1,3,5) (PSLO 1,2,3,4)
- CSLO 3: Explain how sexuality was used to both construct and contest various hierarchies of power, including race, gender, and class. Evaluate the ethical implications for systems of power based on sexuality. (GE SLO 4,5) (PSLO 1,2,3,4)
- CSLO 4: Construct clear, concise, and persuasive arguments that include an analysis of gender, the body, and sexuality and that are based on evidence. (GE SLO 1,2,3) (PSLO 1,2,3,4)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

HIST-056 History of American Women to 1877

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course examines the history of American women from the era of European colonization in the 16th century until the end of Reconstruction in 1877. The course is particularly concerned with understanding how the cultural construction of gender influenced women's lives in various times and places. Attention will be given to cross-cultural gendered encounters between European, Native American, African, and Hispanic peoples and understanding how gender intersects with other hierarchies of power, such as race, class, and sexuality. The course explores how social, political, economic, and cultural factors influenced women's experiences, and it also examines the impact of the U.S. and California Constitutions and the activities of federal, state, and local governments on the lives of women in the United States.

Requisites:**Advisory**

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

CSU - General Education - Breadth Requirements:

- Area C2: Humanities
- Area D: Social Sciences
- U.S. History, Constitution, and American Ideals

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 3B: Humanities
- Area 4: Social & Behavioral Sciences

LMC Local AA/AS - General Education Requirements:

- SB: Social and Behavioral Sciences
- EM: Ethnic/Multicultural Studies

Student Learning Outcomes:

- CSLO 1: From the period to 1877, explain how gender was used to both construct and contest various hierarchies of power, including race, class, and sexuality. Evaluate the ethical implications for systems of power based on gendered ideas. (GE SLO 2,3,4,5) (PSLO 1,2)
- CSLO 2: From the period to 1877, analyze the impacts of the U.S. and the California constitutions, plus federal, state and local governments on the experiences of women. (GE SLO 2,3,5) (PSLO 1)
- CSLO 3: From the period to 1877, articulate how the different cultures of North America (including Native American, African, Hispanic, and Anglo-American peoples) held diverse perspectives and different philosophies regarding gender (GE SLO 3,5) (PSLO 1,2, 4) (3,5) (PSLO 1,2, 4)
- CSLO 4: From the period to 1877, construct clear, concise, and persuasive arguments that analyze the connections among gender, the body, and sexuality and that are based on evidence. (GE SLO 1,3,) (PSLO 1,4)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

HIST-057 History of American Women Since 1877

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course examines the history of American women from the post-Civil War era to the modern age. The course is particularly concerned with understanding how the cultural construction of gender influenced women's lives in various times and places. Attention will be given to cross-cultural gendered encounters between European, Native American, African, and Hispanic peoples and understanding how gender intersects with other hierarchies of power, such as race, class, and sexuality. The course explores how social, political, economic, and cultural factors influenced women's experiences, and it also examines the impact of the U.S. and California Constitutions and the activities of federal, state, and local governments on the lives of women in the United States.

Requisites:**Advisory**

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:**CSU - General Education - Breadth Requirements:**

- Area C2: Humanities
- Area D: Social Sciences
- U.S. History, Constitution, and American Ideals

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 3B: Humanities
- Area 4: Social & Behavioral Sciences

LMC Local AA/AS - General Education Requirements:

- SB: Social and Behavioral Sciences
- EM: Ethnic/Multicultural Studies

Student Learning Outcomes:

- CSLO 1: From the period since 1877, explain how gender was used to both construct and contest various hierarchies of power, including race, class, and sexuality. Evaluate the ethical implications for systems of power based on gendered ideas. (GE SLO 2,3,4,5) (PSLO 1,2)
- CSLO 2: From the period since 1877, analyze the impacts of the U.S. and the California constitutions, plus federal, state and local governments on the experiences of women. (GE SLO 2,3,5) (PSLO 1)
- CSLO 3: From the period since 1877, articulate how the different cultures of North America (including Native American, African, Hispanic, and Anglo-American peoples)

held diverse perspectives and different philosophies regarding gender (GESLO 3,5) (PSLO 1,2, 4)

- CSLO 4: From the period since 1877, construct clear, concise, and persuasive arguments that analyze the connections among gender, the body, and sexuality and that are based on evidence. (GE SLO 1,3,) (PSLO 1,4)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

HIST-060 History of African-Americans to 1865

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course surveys the African-American experience from its beginnings in West Africa until the end of the Civil War. Major course themes include the development and growth of slavery, the development of racial consciousness and racial ideologies, and emergence of an African-American identity. The course also explores the political, economic, demographic, and cultural influences that shaped African-American life and culture prior to 1865. The course examines the development of African-American economic, social, and political institutions and the impact these have had on American society and culture. The course also surveys African-American interaction with federal, state, and local governments, especially with respect to the U.S. Constitution.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

CSU - General Education - Breadth Requirements:

- Area C2: Humanities
- Area D: Social Sciences
- U.S. History, Constitution, and American Ideals

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 3B: Humanities
- Area 4: Social & Behavioral Sciences

LMC Local AA/AS - General Education Requirements:

- SB: Social and Behavioral Sciences
- EM: Ethnic/Multicultural Studies

Student Learning Outcomes:

- CSLO 1: From the period to 1865, articulate explanations of how African-Americans created different social, economic, political, and cultural strategies in order to challenge slavery and racial oppression. (GE SLO 1,2,3,5) (PSLO 1,2,3,4)
- CSLO 2: From the period to 1865, construct clear, concise, and persuasive arguments that analyze the intersections of race, class, and gender in shaping African-American culture. (GE SLO 1,2,3,5) (PSLO 1,3,4)
- CSLO 3: From the period to 1865, describe the influence that African-Americans have had on defining and redefining American democratic institutions, especially the U.S. Constitution and state/federal governments. (GE SLO 2,3,5) (PSLO 1,2,3)
- CSLO 4: From the period to 1865, evaluate the moral and ethical systems of thought which sustained racial power and racism in the United States. (GE SLO 4,5) (PSLO 2,3)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

HIST-061 History of African-Americans Since 1865

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course surveys the African-American experience in the United States from 1865 to the present. Major course themes include the end of slavery and Reconstruction, African-American migrations and urbanization experiences, Jim Crow and segregation as well as the Civil Rights Movement. The course examines the development of African-American economic, social, and political institutions and the impact these have had on American society and culture. The course also surveys African-American interaction with federal, state, and local governments, especially with respect to the U.S. Constitution.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

CSU - General Education - Breadth Requirements:

- Area C2: Humanities
- Area D: Social Sciences
- U.S. History, Constitution, and American Ideals

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 4: Social & Behavioral Sciences
- Area 3B: Humanities

LMC Local AA/AS - General Education Requirements:

- EM: Ethnic/Multicultural Studies

- SB: Social and Behavioral Sciences

Student Learning Outcomes:

- CSLO 1: Articulate explanations of how African-Americans created different social, economic, political, and cultural strategies in order to challenge racial oppression. (GE SLO 1,2,3,5) (PSLO 1,2,3,4)
- CSLO 2: Construct clear, concise, and persuasive arguments that analyze the intersections of race, class, and gender in shaping African-American culture. (GE SLO 1,2,3,5) (PSLO 1,3,4)
- CSLO 3: Describe the influence that African-Americans have had on defining and redefining American democratic institutions, especially the U.S. Constitution and state/federal governments. (GE SLO 2,3,5) (PSLO 1,2,3)
- CSLO 4: Evaluate the moral and ethical systems of thought which undergirded racial power and racism in the United States. (GE SLO 4,5) (PSLO 2,3)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

HIST-062 Global History of Slavery

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is designed to familiarize students with the main themes in the comparative history of slavery. Starting with slavery in ancient times and working towards the present, this class looks at how various forms of involuntary servitude (conveniently all lumped together under the term “slavery”) have served as underpinnings for production of goods and services. In particular the course will focus on how the methods and ideologies that underwrote the Transatlantic slave trade vastly differed from other forms of enslavement that preceded it. Emphasis will be placed on how new racial ideologies allowed for the expansion of slavery and the development of capitalism during the early modern era. We will look at the Atlantic world, but also the Indian Ocean world, and systems on the African continent to compare involuntary servitude across time and space. The course examines how slavery contributed in ways large and small to the creation of the globalized world in which we live.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:**CSU - General Education - Breadth Requirements:**

- Area C2: Humanities
- Area D: Social Sciences

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 3B: Humanities
- Area 4: Social & Behavioral Sciences

LMC Local AA/AS - General Education Requirements:

- EM: Ethnic/Multicultural Studies
- SB: Social and Behavioral Sciences

Student Learning Outcomes:

- CSLO 1: Articulate, in written and oral communication, how ideas about slavery and involuntary servitude have varied across time and space, from the ancient world to the present. (GE SLO 1, 2, 3, 5) (PSLO 1,2,3,4)
- CSLO 2: Examine the ideologies that underwrote the expansion of unfree labor and enslavement and analyze the ethical implications for economic and social systems built on slave labor. (GE SLO 4) (PSLO 1,2,3,4)
- CSLO 3: Analyze major political, social, cultural, and economic trends in the history of slavery as global institution from the ancient period to the present and explain their causes and consequences. (GE SLO 2,3) (PSLO 1,2,3,4)
- CSLO 4: Articulate how the Transatlantic slave trade compared/contrasted with other forms of enslavement and depended upon new racial ideologies.(GE SLO 3,4,5) (PSLO 1,2,3,4)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

HIST-065 History of African Civilizations to 1800

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This introductory course surveys major movements and historical problems in the development of the civilizations of Africa from prehistoric times to 1800. Common myths and misconceptions about Africa held by Europeans and North Americans will be analyzed and exposed. The central themes of the course include, the rise of African kingdoms and empires from antiquity to the Middle Ages, the spread of Islam and Christianity throughout Africa, the impact of slavery and the slave trade on African societies.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:**CSU - General Education - Breadth Requirements:**

- Area C2: Humanities
- Area D: Social Sciences

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 3B: Humanities
- Area 4: Social & Behavioral Sciences

LMC Local AA/AS - General Education Requirements:

- EM: Ethnic/Multicultural Studies
- SB: Social and Behavioral Sciences

Student Learning Outcomes:

- 1. Articulate, in written and oral communication, an understanding of African history through the analytical categories of class, gender, sexuality, ethnicity, and race to 1800. Analyze the ethical implications for systems of power and privilege based on these categories of difference.(PSLO 1,2,3,4) (GE SLO 1,2,3,4,5)
- 2. Demonstrate the ability to interpret primary and secondary sources related to African history (before 1800) and to compose an argument which uses them, as appropriate, for support. (GE SLO 1,3,) (PLSO 1,2,3,4)
- 3. Analyze major political, social, cultural, and economic trends in African history before 1800 and explain their cause and effects. (GE SLO 2,3,) (PSLO 1,2,3,4)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

HIST-066 History of African Civilizations since 1800

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course surveys the major social, political, cultural, and economic trends in African history from 1800 to the present. Major themes of the course will include: the European colonization of Africa and African resistance to colonization; colonial administrative and economic policies; the development of African nationalism; and the economic, social, and political realities and challenges of post-colonial Africa.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

LMC Standard AA/AS - General Education Requirements:

- E. Ethnic/Multicultural Studies
- SB: Social and Behavioral Sciences

CSU - General Education - Breadth Requirements:

- Area C2: Humanities
- Area D: Social Sciences

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 3B: Humanities
- Area 4: Social & Behavioral Sciences

Student Learning Outcomes:

- 1. Articulate, in written and oral communication, an understanding of African history through the analytical categories of class, gender, sexuality, ethnicity, and race since 1800. Analyze the ethical implications for systems of power and privilege based on these categories of difference. (GE SLO 1, 2, 3,4,5) (PSLO 1,2,3,4)
- 2. Demonstrate the ability to interpret primary and secondary sources related to African history since 1800 and to compose an argument which uses them, as appropriate, for support. (GE SLO 1,3,) (PSLO 1,2,3,4)
- 3. Analyze major political, social, cultural, and economic trends in African history since 1800 and explain their cause and effects. (GE SLO 2,3,) (PSLO 1,2,3,4)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

HIST-098 Independent Study in History

Units: 0.5-3.0

[Print Page](#)

[Back to department listing](#)

Description:

Provides students an opportunity to design and pursue their own interests within a particular area. Projects reflecting cultural diversity and/or societal issues will be greatly encouraged. A contract must be drawn between the student and the instructor stipulating the goals of the independent study, the content, the method of approach, the estimated time involved, and the periodic evaluation to be used. Minimum 1 hour per week with instructor plus 54 hours of contracted work for each unit of credit. May not be repeated.

Requisites:

None

Course Note:

Submission of acceptable educational contract to department and Instruction Office is required.

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- Meet outcomes as specified in the approved Application for Independent Study.
- Gain knowledge and skill through the successful completion of an independent study course.
- Demonstrate and/or apply independent academic learning skills.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

0.5

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

162.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

162.0

Activity Hours

0.0

Humanities

Program Information

Parent to child, human to human, we pass on life and culture to the generations that follow. Who are we? Why are we? What can we do with the life we have been given? Answers (and more thought-provoking questions) can be found in this program of study devoted to the art of being human. It provides an excellent preparation for university transfer for majors in philosophy, religion, history, literature, art and music. The broad-based interdisciplinary nature of Humanities provides a knowledge base and the communication and critical thinking skills

necessary for many careers and occupations.

18 units are required. Students must complete a “core” survey sequence of three of four courses comprising 9 units and may select the remaining nine units from groupings that reflect the diverse subjects that represent more focused experiences in the disciplines included within the survey. All courses in the program are part of the General Education program and offer options for students to complete up to five Areas (C1, C2, D6, D7, D8) required for transfer.

Degrees and Certificates

[Humanities Associate of Arts Degree \(AA\)](#)

Course Information

[HUMAN019 - Ancient Humanities](#)
[HUMAN020 - Medieval and Renaissance Humanities](#)
[HUMAN021 - Early Modern Humanities](#)
[HUMAN022 - American Humanities](#)
[HUMAN023 - Late Modern and Contemporary Humanities](#)
[HUMAN024 - Shakespeare's English Kings](#)
[HUMAN030 - Modernist Paris: Artists and Intellectuals](#)
[HUMAN035 - Themes in Mesoamerican Culture Through Ceramics](#)
[HUMAN040 - Opera: The Human Experience in Music, Voice and Drama](#)
[HUMAN050 - Hip Hop Culture: An American Phenomenon](#)
[HUMAN060 - The Great American Musical: Broadway and American Culture](#)

[Back to department listing](#)

Humanities Associate of Arts Degree (AA)

A.A. Degree Local

[Print Page](#)

[Back to department listing](#)

Units:

60.0 units

Parent to child, human to human, we pass on life and culture to the generations that follow. Who are we? Why are we? What can we do with the life we have been given? Answers (and more thought-provoking questions) can be found in this program of study devoted to the art of being human. It provides an excellent preparation for university transfer for majors in philosophy, religion, history, literature, art and music. The broad-based interdisciplinary nature of Humanities provides a knowledge base and the communication and critical thinking skills necessary for many careers and occupations. 18 units are required. Students must complete a “core” survey sequence of three of four courses comprising 9 units and may select the remaining nine units from groupings that reflect the diverse subjects that represent more focused experiences in the disciplines included within the survey. All courses in the program are part of the General Education program and offer options for students to complete up to five Areas (C1, C2, D6, D7, D8) required for transfer.

Toggle

Program Learning Outcomes

- 1. Define and discuss the characteristics of human cultures and the rise and fall of civilizations governmental systems, and worldviews throughout history.
- 2. Discuss the arc of humanity’s attempt to understand, explain and express itself and the cosmos through intellectual history, philosophy, religion, mythology, music and art, from the ancient through contemporary worlds.
- 3. Identify and explain the connections between the trends and events of history with diverse and distinct world cultures.
- 4. Relate the study of humanities to the development of the skills necessary to create responsible and useful civic participation in the political life of contemporary society.

Toggle

Program Requirements

A.A. Degree Local

Required Courses in Major (Total 18)

Complete all of the following

Required Courses in Major (Total 9)

Complete the following number of credits: 9

[HUMAN019 - Ancient Humanities](#) 3

[HUMAN020 - Medieval and Renaissance Humanities](#) 3

[HUMAN021 - Early Modern Humanities](#) 3

[HUMAN023 - Late Modern and Contemporary Humanities](#) 3

Elective Courses in Major (Total 9)**Complete the following number of credits: 9**

ANTHR004 - Introduction to Archaeology 3
ANTHR005 - General Anthropology 3
ANTHR006 - Cultural Anthropology 3
ANTHR007 - Culture Change and Globalization 3
ANTHR008 - Introduction to Anthropological Linguistics 3
ART006 - Ancient Art History (to 350 CE) 3
ART007 - Medieval and Renaissance Art History (350 to 1550 CE) 3
ART008 - Early Modern Art History (1550 to 1920 CE) 3
ART009 - Late Modern and Contemporary Art History (1920 CE-Present) 3
ART016 - Asian Art History 3
ART017 - American Art History 3
ART018 - Indigenous Americas Art History 3
DRAMA015 - Multicultural Perspectives Within Theatre 3
DRAMA016 - Theatre Appreciation 3
DRAMA030 - Chicano/a Mexican American Cinema: A Critical Analysis 3
ENGL127 - The Mythology and Literature of Ethnic Americans 3
ENGL128 - Introduction to Asian American Literature 3
ENGL129 - Introduction to Contemporary African- American Literature 3
ENGL133 - Race, Ethnicity, and Gender in Popular Fiction and Film 3
ENGL150 - Lesbian, Gay, Bisexual, Transgender, and Queer Literature 3
ENGL240 - Survey of World Literature I: Antiquity To Mid-17th Century 3
ENGL245 - Survey of World Literature II: Mid-17th Century to Present 3
ETHN045 - Introduction to Black Studies 3
HIST047 - History of Native Americans 3
HIST052 - Mexican American History 3
HIST056 - History of American Women to 1877 3
HIST057 - History of American Women Since 1877 3
HIST060 - History of African-Americans to 1865 3
HIST061 - History of African-Americans Since 1865 3
HUMAN022 - American Humanities 3
HUMAN024 - Shakespeare's English Kings 3
HUMAN030 - Modernist Paris: Artists and Intellectuals 3
HUMAN040 - Opera: The Human Experience in Music, Voice and Drama 3
HUMAN050 - Hip Hop Culture: An American Phenomenon 3
MUSIC010 - Music Literature 3
MUSIC012 - Popular Music in American Culture 3
MUSIC015 - Basic Music 3
PHIL130 - History of Ancient Philosophy 3
PHIL132 - History of Modern Philosophy 3
PHIL133 - Philosophy of Political Theory and Thought 3
PHIL140 - Philosophy of Religion 3
PHIL150 - Philosophy Through Film and Literature 3
PHIL151 - Philosophy of the Arts 3
POLSC010 - Introduction to American Government: Institutions and Ideals 3
POLSC033 - Philosophy of Political Theory and Thought 3
POLSC043 - International Relations 3
POLSC050 - Introduction to Comparative Politics 3
SOCSC110 - Introduction to Social Justice Studies 3

[SOCSC135 - Introduction to LGBTQ+ Studies](#) 3
[SOCSC136 - Introduction to Gender Studies](#) 3
[SOCSC150 - Introduction to Race & Ethnicity](#) 3
[ENGL120 - Introduction to Latino Literature and Its Latin American Roots](#) 3
[ENGL135 - Introduction to LGBTQ+ Studies](#) 3

Humanities Associate of Arts Degree (AA)

A.A. Degree Local

[Print Page](#)

[Back to department listing](#)

Units:

60.0 units

Parent to child, human to human, we pass on life and culture to the generations that follow. Who are we? Why are we? What can we do with the life we have been given? Answers (and more thought-provoking questions) can be found in this program of study devoted to the art of being human. It provides an excellent preparation for university transfer for majors in philosophy, religion, history, literature, art and music. The broad-based interdisciplinary nature of Humanities provides a knowledge base and the communication and critical thinking skills necessary for many careers and occupations. 18 units are required. Students must complete a “core” survey sequence of three of four courses comprising 9 units and may select the remaining nine units from groupings that reflect the diverse subjects that represent more focused experiences in the disciplines included within the survey. All courses in the program are part of the General Education program and offer options for students to complete up to five Areas (C1, C2, D6, D7, D8) required for transfer.

Toggle

Program Learning Outcomes

- 1. Define and discuss the characteristics of human cultures and the rise and fall of civilizations governmental systems, and worldviews throughout history.
- 2. Discuss the arc of humanity’s attempt to understand, explain and express itself and the cosmos through intellectual history, philosophy, religion, mythology, music and art, from the ancient through contemporary worlds.
- 3. Identify and explain the connections between the trends and events of history with diverse and distinct world cultures.
- 4. Relate the study of humanities to the development of the skills necessary to create responsible and useful civic participation in the political life of contemporary society.

Toggle

Program Requirements

A.A. Degree Local

Required Courses in Major (Total 18)

Complete all of the following

Required Courses in Major (Total 9)

Complete the following number of credits: 9

[HUMAN019 - Ancient Humanities](#) 3

[HUMAN020 - Medieval and Renaissance Humanities](#) 3

[HUMAN021 - Early Modern Humanities](#) 3

[HUMAN023 - Late Modern and Contemporary Humanities](#) 3

Elective Courses in Major (Total 9)

Complete the following number of credits: 9

[ANTHR004 - Introduction to Archaeology](#) 3

[ANTHR005 - General Anthropology](#) 3

[ANTHR006 - Cultural Anthropology](#) 3

[ANTHR007 - Culture Change and Globalization](#) 3

[ANTHR008 - Introduction to Anthropological Linguistics](#) 3

[ART006 - Ancient Art History \(to 350 CE\)](#) 3

[ART007 - Medieval and Renaissance Art History \(350 to 1550 CE\)](#) 3

[ART008 - Early Modern Art History \(1550 to 1920 CE\)](#) 3

[ART009 - Late Modern and Contemporary Art History \(1920 CE-Present\)](#) 3

[ART016 - Asian Art History](#) 3

[ART017 - American Art History](#) 3

[ART018 - Indigenous Americas Art History](#) 3

[DRAMA015 - Multicultural Perspectives Within Theatre](#) 3

[DRAMA016 - Theatre Appreciation](#) 3

[DRAMA030 - Chicano/a Mexican American Cinema: A Critical Analysis](#) 3

[ENGL127 - The Mythology and Literature of Ethnic Americans](#) 3

[ENGL128 - Introduction to Asian American Literature](#) 3

[ENGL129 - Introduction to Contemporary African- American Literature](#) 3

[ENGL133 - Race, Ethnicity, and Gender in Popular Fiction and Film](#) 3

[ENGL150 - Lesbian, Gay, Bisexual, Transgender, and Queer Literature](#) 3

[ENGL240 - Survey of World Literature I: Antiquity To Mid-17th Century](#) 3

[ENGL245 - Survey of World Literature II: Mid-17th Century to Present](#) 3

[ETHN045 - Introduction to Black Studies](#) 3

[HIST047 - History of Native Americans](#) 3

[HIST052 - Mexican American History](#) 3

[HIST056 - History of American Women to 1877](#) 3

[HIST057 - History of American Women Since 1877](#) 3

[HIST060 - History of African-Americans to 1865](#) 3

[HIST061 - History of African-Americans Since 1865](#) 3

[HUMAN022 - American Humanities](#) 3

[HUMAN024 - Shakespeare's English Kings](#) 3

[HUMAN030 - Modernist Paris: Artists and Intellectuals](#) 3

[HUMAN040 - Opera: The Human Experience in Music, Voice and Drama](#) 3

[HUMAN050 - Hip Hop Culture: An American Phenomenon](#) 3

MUSIC010 - Music Literature 3
MUSIC012 - Popular Music in American Culture 3
MUSIC015 - Basic Music 3
PHIL130 - History of Ancient Philosophy 3
PHIL132 - History of Modern Philosophy 3
PHIL133 - Philosophy of Political Theory and Thought 3
PHIL140 - Philosophy of Religion 3
PHIL150 - Philosophy Through Film and Literature 3
PHIL151 - Philosophy of the Arts 3
POLSC010 - Introduction to American Government: Institutions and Ideals 3
POLSC033 - Philosophy of Political Theory and Thought 3
POLSC043 - International Relations 3
POLSC050 - Introduction to Comparative Politics 3
SJS110 - Introduction to Social Justice Studies 3
SJS135 - Introduction to LGBTQ+ Studies 3
SJS136 - Introduction to Gender Studies 3
SJS150 - Introduction to Race & Ethnicity 3
ENGL120 - Introduction to Latino Literature and Its Latin American Roots 3
ENGL135 - Introduction to LGBTQ+ Studies 3

HUMAN-019 Ancient Humanities

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

An integrated, interdisciplinary approach to history, religion, philosophy, literature, art and music as aspects of Western culture and civilization, that focuses on the period from the first civilizations of Mesopotamia and Egypt through the pinnacle of the Roman Empire under the Caesars. In this broad context, students will investigate the intellectual, spiritual, cultural and political foundations of the Modern World. Meets Humanities requirements for general education and CSU Humanities Area C2.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:**CSU - General Education - Breadth Requirements:**

- Area C2: Humanities

LMC Standard AA/AS - General Education Requirements:

- C. Arts & Humanities

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 3B: Humanities

Student Learning Outcomes:

- 1. Read critically and communicate effectively as a writer and speaker on political, philosophical and religious beliefs of the Ancient world and relate them to our contemporary world. (GESLO 1)
- 2. Demonstrate an interdisciplinary approach to problem solving by synthesizing textual resources, source documents and literary works to discuss and role-play the positions of Ancient civilizations, simulating historical conflicts and modeling their resolution. (GESLO 2)
- 3. Think critically and creatively about the intellectual, spiritual, cultural and political issues that define the Ancient world. (GESLO 3)
- 4. Infer and synthesize the defining characteristics of ideal and effective leadership modeled by historical and literary figures in textual resources, source documents and literary works of poetry, epic, history, philosophy, religion, and political discourse. Analyze the ethical and social implications of choices made and actions taken by leaders of the era or characters in literary works. Apply their conclusions to present-day leaders by a similar analysis. (GESLO 4)
- 5. Develop a coherent view of the Ancient world informed by the diverse perspectives of opposing ethnic groups and political groups by gender, economic and social class in the hierarchies of the period. (GESLO 5)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

HUMAN-020 Medieval and Renaissance Humanities

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

An integrated interdisciplinary approach to history, religion, philosophy, literature, art and music as aspects of Western culture and civilization, that focuses on the period from the late Roman Empire through the Renaissance and Reformation. In this broad context, students will investigate the intellectual, spiritual, cultural and political foundations of the Modern World. Meets Humanities requirements for general education and CSU Humanities Area C2.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

CSU - General Education - Breadth Requirements:

- Area C2: Humanities

LMC Standard AA/AS - General Education Requirements:

- C. Arts & Humanities

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 3B: Humanities

Student Learning Outcomes:

- 1. Read critically and communicate effectively as a writer and speaker on political, philosophical and religious beliefs of the Medieval and Renaissance world and relate them to our contemporary world. (GESLO 1, PSLO 2)
- 2. Demonstrate an interdisciplinary approach to problem solving by synthesizing textual resources, source documents and literary works to discuss and role-play the positions of Medieval and Renaissance civilizations, simulating historical conflicts and modeling their resolution. (GESLO 2, PSLO 2, 3)
- 3. Think critically and creatively about the intellectual, spiritual, cultural and political issues that define the Medieval and Renaissance world. (GESLO 3, PSLO 1, 2, 3)
- 4. Infer and synthesize the defining characteristics of ideal and effective leadership modeled by historical and literary figures in textual resources, source documents and literary works of poetry, epic, history, philosophy, religion, and political discourse. Analyze the ethical and social implications of choices made and actions taken by leaders of the era or characters in literary works. Apply their conclusions to present-day leaders by a similar analysis. (GESLO 4, PSLO 2, 4)
- 5. Develop a coherent view of the Medieval and Renaissance world informed by the diverse perspectives of opposing ethnic groups and political groups by gender, economic and social class in the hierarchies of the period. (GESLO 5, PSLOs 2, 3)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours**Lecture Hours**

54.0

Lab Hours

0.0

Activity Hours

0.0

HUMAN-021 Early Modern Humanities

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

An integrated, interdisciplinary approach to history, religion, philosophy, literature, art and music as aspects of Western culture and civilization, that focuses on the period from the Scientific Revolution of the 16th century through the advent of World War in the 20th century. In this broad context, students will investigate the intellectual, spiritual, cultural and political foundations of the Modern World. Meets Humanities requirements for general education and CSU Humanities Area C2.

Requisites:

Advisory

ENGL100 - College Composition

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:**CSU - General Education - Breadth Requirements:**

- Area C2: Humanities

LMC Standard AA/AS - General Education Requirements:

- C. Arts & Humanities

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 3B: Humanities

Student Learning Outcomes:

- 1. Read critically and communicate effectively as a writer and speaker on political, philosophical and religious beliefs of the Early Modern world and relate them to our contemporary world. (GESLO 1, PSLO 2)
- 2. Demonstrate an interdisciplinary approach to problem solving by synthesizing textual resources, source documents and literary works to discuss and role-play the positions of modern nations, simulating historical conflicts and modeling their resolution. (GESLO 2, PSLO 2, 3)
- 3. Think critically and creatively about the intellectual, spiritual, cultural and political issues that define the Early Modern world. (GESLO 3, PSLO 1, 2, 3)
- 4. Infer and synthesize the defining characteristics of ideal and effective leadership modeled by historical and literary figures in textual resources, source documents and literary works of poetry, epic, history, philosophy, religion, and political discourse. Analyze the ethical and social implications of choices made and actions taken by leaders of the era or characters in literary works. Apply their conclusions to present-day leaders by a similar analysis. (GESLO 4, PSLO 2, 4)

- 5. Develop a coherent view of the Early Modern world informed by the diverse perspectives of opposing ethnic , national and political groups by gender, economic and social class in the hierarchies of the period. (GESLO 5, PSLO2, 3)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

HUMAN-022 American Humanities

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

An integrated interdisciplinary approach to history, religion, philosophy, literature, art and music as aspects of American culture and civilization, focusing on the period from the mid-19th century through the 20th. In this broad context, students will investigate the intellectual, spiritual, cultural and political foundations of American identity and contemporary American society.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

CSU - General Education - Breadth Requirements:

- Area C2: Humanities

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 3B: Humanities

LMC Standard AA/AS - General Education Requirements:

- C. Arts & Humanities

Student Learning Outcomes:

- 1. Read critically and communicate effectively as a writer and speaker on political, philosophical and religious identities and beliefs of the American people over the course of our history and relate them to our contemporary world. (GESLO 1, PSLOs 1, 2, 3 and 4)
- 2. Demonstrate an interdisciplinary approach to problem solving by synthesizing textual resources, source documents and literary works to discuss and role-play the positions of national, political and philosophical identities, simulating historical conflicts and modeling their resolution. (GESLO 2, PSLOs 1, 2, 3 and 4)

- 3. Think critically and creatively about the intellectual, spiritual, cultural and political issues that define the American sense of identity and our roles in the world. (GESLO 3, PSLOs 2, 3 and 4)
- 4. Infer and synthesize the defining characteristics of ideal and effective agency modeled by historical and literary figures in textual resources, source documents and literary works of poetry, epic, history, philosophy, religion, and political discourse. Analyze the ethical and social implications of choices made and actions taken by leaders of the era or characters in literary works. Apply their conclusions to present-day leaders by a similar analysis. (GESLO 4, PSLOs 2, 3 and 4)
- 5. Develop a coherent view of the development of American identity and beliefs informed by the diverse perspectives of opposing ethnic groups and political groups by ethnicity, gender and sexual identities, economic and social class in the hierarchies of range of American history. (GESLO 5, PSLOs 2, 3, 4)

Grade Options:

- Letter Grade Methods

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

HUMAN-023 Late Modern and Contemporary Humanities

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

An integrated, interdisciplinary approach to history, religion, philosophy, literature, art and music as aspects of Western culture and civilization, focusing on the transformative period from post World War One to present day, exploring the height of modernism and the transition to post-modernism. In this broad context, students will investigate the intellectual, spiritual, cultural and political foundations of the Modern World and the fluid asynchronous post-modern world, in order to better understand the ethical domain of our ever changing world.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

LMC Standard AA/AS - General Education Requirements:

- C. Arts & Humanities

CSU - General Education - Breadth Requirements:

- Area C2: Humanities

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 3B: Humanities

Student Learning Outcomes:

- 1. Read critically and communicate effectively as a writer and speaker on political, philosophical and religious beliefs of the Modern world and relate them to our contemporary world. (GESLO 1, PSLOs 1, 2, 3 and 4)
- 2. Demonstrate an interdisciplinary approach to problem solving by synthesizing textual resources, source documents and literary works to discuss and role-play the positions of national, political and philosophical identities, simulating historical conflicts and modeling their resolution. (GESLO 2, PSLOs 1, 2, 3 and 4)
- 3. Think critically and creatively about the intellectual, spiritual, cultural and political issues that define the Modern world. (GESLO 3, PSLOs 2, 3 and 4)
- 4. Infer and synthesize the defining characteristics of ideal and effective leadership modeled by historical and literary figures in textual resources, source documents and literary works of poetry, epic, history, philosophy, religion, and political discourse. Analyze the ethical and social implications of choices made and actions taken by leaders of the era or characters in literary works. Apply their conclusions to present-day leaders by a similar analysis. (GESLO 4, PSLOs 2, 3 and 4)
- 5. Develop a coherent view of the transition late modern and contemporary world informed by the diverse perspectives of opposing ethnic groups and political groups by gender, economic and social class in the hierarchies of the period. (GESLO 5, PSLOs 2, 3, 4)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

HUMAN-024 Shakespeare's English Kings

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

An integrated, interdisciplinary approach to history, literature and drama through the study of Shakespeare's plays based on the Plantagenet kings from Edward III to Richard III, and focusing on English history from 1337 to 1485. This dynamic period of international war, dynastic struggle and regicide chronicles England's evolution from a medieval kingdom to a modern nation. The events of history will be investigated in light of Shakespeare's artistic license with that history in crafting popular dramas. Students will address Shakespearean language, dramaturgy, issues of staging and performance, as well as the political and cultural conditions of England during the period covered by the play as well as Shakespeare's era that shape the plays. Meets Humanities requirements for general education and CSU Humanities Area C2.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Credit by Exam/Challenge:

Yes

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:**CSU - General Education - Breadth Requirements:**

- Area C2: Humanities

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 3B: Humanities

LMC Standard AA/AS - General Education Requirements:

- C. Arts & Humanities

Student Learning Outcomes:

- 1. Read critically and communicate effectively as a writer and speaker on the historical and political conflicts of England from 1337 to 1485. Be able to explain principles of historical biography as well as Shakespearean dramaturgy and theatrical performance. (GESLO 1)
- 2. Demonstrate an interdisciplinary approach to problem-solving by synthesizing textual resources, historical documents, and critical commentary either by creating a brief historical play in collaboration or by means of a role-playing assignment that simulates historical conflicts and models their resolution. (GESLO 2)
- 3. Think critically and creatively about the intellectual, spiritual, cultural and political issues that define the era of the fourteenth and fifteenth centuries in England, while also addressing the context and implications of the explosively creative era of playwriting during the Elizabethan Renaissance. (GESLO 3)
- 4. Infer and synthesize the defining characteristics of ideal and effective leadership modeled by the historical and literary personages in the plays. Analyze the ethical, social and historical implications of choices made and actions taken by these characters. Apply their conclusions to present-day leaders by a similar analysis. (GESLO 4)
- 5. Develop a coherent view of the world of the Plantagenet kings as devised by Shakespeare, and be able to discuss the diverse political, religious, economic and social perspectives of that era, while relating them to our own. (GESLO 5)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

HUMAN-030 Modernist Paris: Artists and Intellectuals

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

An integrated interdisciplinary approach to intellectual and cultural history, using the productions of modernism, philosophy, literature, art, music, dance and film, and focusing on Paris as a nexus of creative thought in the period from the late 19th century through the mid-20th. In this broad context, students will investigate the intellectual, artistic and philosophical foundations of modernism in Western culture.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:**CSU - General Education - Breadth Requirements:**

- Area C2: Humanities

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 3B: Humanities

LMC Standard AA/AS - General Education Requirements:

- C. Arts & Humanities

Student Learning Outcomes:

- 1. Read critically and communicate effectively as a writer and speaker on cultural, philosophical, political and aesthetic trends and conflicts in Western society, particularly as exhibited in Paris, during the rise of Modernism and its eventual establishment as a privileged mode of cultural understanding and expression in the world at large. (GESLO 1, 2)
- 2. Demonstrate an interdisciplinary approach to problem by synthesizing textual resources, source documents, literary works, historical events, art works, and extant visual media of Modernist Paris to analyze connections between various artistic, social and philosophical schools of thought. (GESLO 2, 3)
- 3. Think critically and creatively about the intellectual, political, philosophical and aesthetic issues that gave rise to and defined Modernism as manifested in Paris and in its extension into the greater world. Critically delineate the effects of Modernism on our own era. (GESLO 2, 3)
- 4. Analyze the ethical and social origins and implications of intellectual/philosophical/aesthetic movements and manifestos of the Modernist era in Paris. Determine the extent to which such movements enacted or achieved their implied goals and influenced contemporary culture and society. Apply conclusions to the present and implications for the future. (GESLO 2, 3, 4)
- 5. Develop a coherent view of the 20th century world informed by the diverse perspectives of diverse ethnic/national groups, political groups, philosophical entities, and economic and social classes as represented in the Modernist revolution(s) of twentieth century Paris. (GESLO 5)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

HUMAN-035 Themes in Mesoamerican Culture Through Ceramics

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

Same as ART-035. This class presents an integrated, interdisciplinary approach to aspects of Mesoamerican culture and civilization through art and history. In this broad context, students will investigate the intellectual, spiritual, cultural and political foundations of Mesoamerican culture. Students will also investigate the creative process of modern and contemporary Mesoamerican artists as well as reflect on and integrate these investigations into their own creative coursework and projects.

Requisites:

Advisory

ENGL100 - College Composition

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:**CSU - General Education - Breadth Requirements:**

- Area C1: Arts

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 3B: Humanities

LMC Standard AA/AS - General Education Requirements:

- C. Arts & Humanities

Student Learning Outcomes:

- 1. Read critically and communicate effectively as a writer and speaker on the cultures of Mesoamerica and describe aesthetic trends and relationships among cultures. (GESLO 1, PSLOs 1, 2, 3 and 5)
- 2. Demonstrate an interdisciplinary approach to problem solving by synthesizing source documents, imagery, and personal responses in designing projects and in writing critical thinking essays. (GESLO 2, PSLOs 1, 2, 3 and 5)
- 3. Think critically and creatively about history and the production of Mesoamerican art in order to describe the various design elements and principles used in Mesoamerican visual art and culture and create original work that is thematically and visually connected to Mesoamerican aesthetics. (GESLO 3, PSLOs 2, 3, 4, 5 and 6)
- 4. Analyze the social origins, implications, and ethics of colonization and conquest, and describe their impact on Mesoamerican culture and art. (GESLO 4, PSLOs, 2, 3, 5 and 6)
- 5. Develop an informed world view of Mesoamerican culture by investigating diverse social, cultural, political and historical perspectives in Mesoamerican art. (GESLO 5, PSLOs 2, 3, 5 and 6)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

81.0

Course in class (contact) hours

Lecture Hours

45.0

Lab Hours

36.0

Activity Hours

0.0

HUMAN-040 Opera: The Human Experience in Music, Voice and Drama

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

Introduces opera as a unique means of bringing the human experience to the stage with a focus on understanding how primary sources (novels, plays, history, legends and myths, etc.) are transformed into musical drama. While coming to understand the primary role of vocal and instrumental music in the operatic drama, students will also learn how cultural, ethical and moral values are expressed in

performance, including staging, set design and costuming. Specific operas addressed depend on the current season schedule of San Francisco Opera productions, which will be fully integrated with course content. Meets LMC Humanities requirements for general education and CSU Humanities Area C2.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

CSU - General Education - Breadth Requirements:

- Area C2: Humanities

LMC Standard AA/AS - General Education Requirements:

- C. Arts & Humanities

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 3A: Arts

Student Learning Outcomes:

- 1. Read critically and communicate effectively as a writer, speaker on artistic expression in literary, mythological and historical works transformed in the collaborative art of opera. (GESLO 1)
- 2. Demonstrate an interdisciplinary approach to their interpretation of operatic production by synthesizing textual resources, source documents and personal observations to elucidate the roles that libretto, music, voice, staging and costuming play in character development and plot exposition as derived from the original source material. (GESLO 2)
- 3. Think critically and creatively about the process by which librettist, composer, musicians, performing artists, designers and craftspeople collaborate to conceptualize and

realize story and meaning. Develop a coherent view of how all of these elements come together to present a unified, holistic work of art. (GESLO 3)

- 4. Analyze the ethical and social implications of choices made and actions taken by characters in operas presented in the course, how they advance the plot and how they contribute to meaning. (GESLO 4)
- 5. Develop a coherent view of the cultural/historical/mythological ethos presented within the contexts of original sources, historical recreations and contemporary performances of specific operas and productions. Further, to analyze and discuss how the productions create unique interpretations of their original sources selecting and emphasizing some elements while ignoring others, to move the original beyond its initial conception. (GESLO 5)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

HUMAN-050 Hip Hop Culture: An American Phenomenon

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This broad-based interdisciplinary course addresses aspects of Hip Hop culture, including its history, philosophy, art, literature, dance and music that has created a culture and identity for American (and international) youth in all its diversity. The sheer volume of multi-ethnic, multilingual, interracial and cross class integration that Hip Hop culture has generated in the last forty years is matched by very few cultural phenomena in the history of this nation. Elements of Hip Hop have touched nearly every sector of our national culture, as well as they have reached into other continents. In light of this, it is imperative to examine the origins and evolution of Hip Hop in the US as a means of understanding its influence on contemporary national dialogues about race, gender, sexuality, class, politics and religion. Accordingly, this course, will explore the relationship of Hip Hop to contemporary social and political discourses by charting its history in the United States from the post-World War II era into the early twenty-first century - approximately 1968 to present.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

CSU - General Education - Breadth Requirements:

- Area C2: Humanities

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 3B: Humanities

LMC Standard AA/AS - General Education Requirements:

- C. Arts & Humanities

Student Learning Outcomes:

- 1. Read critically and communicate effectively as a writer and speaker on political, philosophical, spiritual and intellectual beliefs of Hip Hop. (GESLO 1)
- 2. Demonstrate an interdisciplinary approach to problem solving by synthesizing textual resources, source documents, art, literary works, videos, music and discuss how they are constantly affecting each other. (GESLO 2)
- 3. Think critically and creatively about the intellectual, spiritual, cultural and political issues that define Hip Hop. (GESLO 3)
- 4. Extrapolate and synthesize the defining characteristics of ideal and effective leadership modeled by historical and literary figures in songs, videos, poetry, ideology, philosophy, beliefs, and political discourse. Analyze the ethical and social implications of choices made and actions taken by leaders of the Hip Hop movement. (GESLO 4)
- 5. Develop a coherent view of the Hip Hop informed by the diverse perspectives of various ethnic groups and political groups by gender, economic and social class. (GESLO 5)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

HUMAN-060 The Great American Musical: Broadway and American Culture

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course examines the relationship between American popular culture and American musical theatre, focusing on the shifts in style and content over the past two hundred years. Including European and American theatrical influences, methods of analysis, influential artists throughout history, and the current state of the American musical. Additionally, this course examines the ways in which musical theatre deals with issues such as racism, sexuality, gender, economics, politics and how those issues, woven together through song, dialogue and dance, create a unique American theatrical art form.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

CSU - General Education - Breadth Requirements:

- Area C2: Humanities
- Area C1: Arts

LMC Local AA/AS - General Education Requirements:

- AH: Arts and Humanities

Student Learning Outcomes:

- Read critically and communicate effectively as a writer, speaker on artistic expression in literary, pop-culture and historical works transformed in the collaborative art of musicals. (CSLO 1) (GESLO 1)
- Demonstrate an interdisciplinary approach to their interpretation of musical productions by synthesizing textual resources, source documents and personal observations to elucidate the roles that libretto, music, voice, staging, blocking and costuming play in character development and plot exposition as derived from the original source material. (CSLO 2)
- Think critically and creatively about the process by which director(s), librettist, composer, musicians, choreographer, performing artists, designers and craftspeople collaborate to conceptualize and realize story and meaning. Develop a coherent view of how all of these elements come together to present a unified, holistic work of art. (CSLO 3)
- Analyze the ethical and social implications of choices made and actions taken by characters in the musicals presented in the course, how they advance the plot and how they contribute to meaning. (CSLO 4)
- Develop a coherent view of the cultural/historical/pop-culture ethos presented within the contexts of original sources, historical recreations and contemporary performances of specific musicals and productions. Further, to analyze and discuss how the productions create unique interpretations of their original sources selecting and emphasizing some elements while ignoring others, to move the original beyond its initial conception. (CSLO 5)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

Italian

Program Information

Courses listed below.

Course Information

[ITAL060 - Elementary Italian I](#)

[ITAL061 - Elementary Italian II](#)

[Back to department listing](#)

ITAL-060 Elementary Italian I

Units: 5.0

[Print Page](#)

[Back to department listing](#)

Description:

A visual/oral/aural approach to understanding, speaking, reading, and writing Italian as it is used in Italy and other Italian speaking countries. Italian is also spoken in Switzerland, communities in Argentina, Canada, Australia and in many urban centers of the United States. The content used in learning the language is drawn from the rich Italian culture. This course is equivalent to two years of high school Italian.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

CSU - General Education - Breadth Requirements:

- Area C2: Humanities

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 6: Languages other than English

LMC Local AA/AS - General Education Requirements:

- C. Arts & Humanities

Student Learning Outcomes:

- 1. Communicate in elementary transfer Level I Italian in listening, speaking, reading and writing. Demonstrate appropriate basic grammar, syntax and vocabulary at the beginning level. Apply acquired language skills associated with familiar topics, cultural themes, and survival situations.
- 2. Communicate in culturally and ethically appropriate ways, using the Italian language to create meaning and respond to heritage and non-native speakers. Identify and discriminate between the nuances of the home culture and world cultures represented by the target language.
- 3. Illustrate competency in elementary Italian Level I by using skills for personal and global communication needs in the target language community locally and throughout the world.
- 4. Develop personal connections and global understanding using Italian through technology.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

5.0

Maximum Credit Units

5.0

Total Course In-Class (Contact) Hours

90.0

Course in class (contact) hours

Lecture Hours

90.0

Lab Hours

0.0

Activity Hours

0.0

ITAL-061 Elementary Italian II

Units: 5.0

[Print Page](#)

[Back to department listing](#)

Description:

ITAL-061 is the continuation of ITAL-060. This two-semester series of courses focus on speaking, reading, and writing Italian as it is used in Italy and Italian- influenced communities such as Canada, Argentina, Australia Switzerland, and many urban centers of the United States.

Requisites:**Prerequisite**

[ITAL060 - Elementary Italian I](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

CSU - General Education - Breadth Requirements:

- Area C2: Humanities

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 3B: Humanities
- Area 6: Languages other than English

LMC Local AA/AS - General Education Requirements:

- C. Arts & Humanities

Student Learning Outcomes:

- 1. Communicate in elementary transfer level II Italian in listening, speaking, reading and writing. Demonstrate appropriate basic grammar, syntax and vocabulary at the beginning II level. Apply acquired language skills associated with familiar topics, cultural themes, and survival situations.
- 2. Communicate in culturally and ethically appropriate ways, using the Italian language to create meaning and respond to heritage and non-native speakers. Identify and discriminate between the nuances of the home culture and world cultures represented by the target language.
- 3. Illustrate competency in elementary Italian level II by using skills for personal and global communication needs in the target language community locally and throughout the world.
- 4. Develop personal connections and global understanding using Italian through technology.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

5.0

Maximum Credit Units

5.0

Total Course In-Class (Contact) Hours

90.0

Course in class (contact) hours

Lecture Hours

90.0

Lab Hours

0.0

Activity Hours

0.0

Journalism

Program Information

This two-year program of study leads to transfer to a four-year college, where students can continue their education and pursue a journalism or communication major. It can also prepare students desiring a more immediate entry into the work force for an entry level position with a community newspaper or other media organization.

For students following either pathway, the program provides practical training for careers in print and online journalism, broadcasting, advertising and public relations.

Degrees and Certificates

[Journalism Associate in Arts for Transfer Degree \(AA-T\)](#)

[Journalism Associate of Arts Degree \(AA\)](#)

Course Information

[JOURN098 - Independent Study in Journalism](#)

[JOURN100 - Mass Communication](#)

JOURN110 - Writing for the Media
JOURN115A - Media Writing Practicum I
JOURN115B - Media Writing Practicum II
JOURN115C - Media Writing Practicum III
JOURN129 - Media Production: Overview of Newsroom Skills and Practices
JOURN130 - Media Production: Practicum I
JOURN131 - Media Production: Practicum II
JOURN132 - Media Production: Practicum III
JOURN160 - Photojournalism
JOURN170 - Occupational Work Experience Education In Journalism
JOURN180 - Internship in Journalism

[Back to department listing](#)

Journalism Associate in Arts for Transfer Degree (AA-T)

A.A. Degree for Transfer

[Print Page](#)

[Back to department listing](#)

Units:

60 units

The Associate in Arts in Journalism for Transfer prepares students to practice and champion freedom of the press on their journey to a four-year degree at a California State University. They will learn to gather, interpret, report, edit and present news and information with skill, responsibility, ethics, courage and social consciousness in an evolving media world. Career options for this field of study include reporter, columnist, copy editor, photojournalist, videographer, news designer, editor for the print, broadcast and online news and information media; public information officer; advertising copywriter; public relations professional. The Journalism AA-T requires 18 units of lower division work in Journalism and supporting electives, in addition to the California State University General Education transfer package of coursework (CSU GE Breadth or IGETC). Major preparation includes courses in Mass Communication, Writing for the Media, Media Production and Photojournalism. Electives supporting the major may be selected from a list of options that includes courses in anthropology, art, economics, English, math, philosophy, political science, sociology and speech (see accompanying requirements listing). Students completing an AA-T are guaranteed admission to the CSU system, but not to a particular campus or major. To earn the degree, students must complete a minimum of 60 required semester units of CSU-transferable coursework with a minimum GPA of 2.0. In addition, students must complete each course used to meet a major requirement with a "C" grade or higher; a "P" (Pass) grade is not an acceptable grade for courses in the major. Students transferring to a CSU campus that accepts the degree will be required to complete no more than 60 units after transfer to earn a bachelor's degree. This degree may not be the best option for students intending to transfer to a university or college that is not part of the CSU system, or those students who do not intend to transfer. Students who plan to transfer to a UC, a private college or university, or an out-of-state institution should consult with an academic counselor about the best lower-division preparation for them. Students who plan to look for an entry-level job in journalism or a

related field right after earning their degree from LMC should instead complete the regular A.A. in Journalism. Students interested in a more traditional degree in Communication Studies with an emphasis in journalism should also review the Los Medanos College AA-T in Communication Studies.

Toggle

Program Learning Outcomes

- 1. Be academically prepared to transfer to a journalism program at a four-year university or to obtain an entry-level job in journalism or a related field.
- 2. Demonstrate the knowledge, attitudes and skills necessary for careers in journalism and related fields.
- 3. Possess a portfolio of published work suitable for internship/job applications and interviews.

Toggle

Program Requirements

A.A. Degree for Transfer

Required Courses

Required Courses for the Major (Total 18 - 19)

Complete all of the following

[JOURN100 - Mass Communication](#) 3

[JOURN110 - Writing for the Media](#) 3

[JOURN130 - Media Production: Practicum I](#) 3

Required Course for the Major List A (Total 3)

Complete the following number of credits: 3

[JOURN131 - Media Production: Practicum II](#) 3

[JOURN160 - Photojournalism](#) 3

List B: Select a total of 6 units. ANTHR007 or SOCIO016 is limited to one selection ;

ECON010 or ECON011 is limited to one selection (Total 6 - 7)

Complete the following number of credits: 6-7

[ANTHR007 - Culture Change and Globalization](#) 3

[ART050 - Designing with Adobe InDesign](#) 3

[ECON010 - Principles of Microeconomics](#) 3

[ECON011 - Principles of Macroeconomics](#) 3

[ENGL221 - Advanced Composition and Critical Thinking](#) 3

[MATH110 - Introduction to Statistics](#) 4

[POLSC010 - Introduction to American Government: Institutions and Ideals](#) 3

[SOCIO016 - Introduction to Social Problems](#) 3

[SPCH120 - Argumentation and Debate](#) 3

Journalism Associate of Arts Degree (AA)

A.A. Degree Local

[Print Page](#)

[Back to department listing](#)

Units:

60.0 units

This two-year program of study leads to transfer to a four-year college, where students can continue their education and pursue a journalism or communication major. It can also prepare students desiring a more immediate entry into the work force for an entry-level position with a community newspaper or other media organization. For students following either pathway, the program provides practical training for careers in print and online journalism, broadcasting, advertising and public relations. The required courses for the major are listed below in a recommended sequence. For the Associate of Arts Degree in Journalism, complete 21 units of coursework listed below as well as the General Education requirements. Consult a Los Medanos College counselor to develop your education plan. Note: students may opt to take JOURN-132 Media Production Practicum III, a three-unit course, instead of the three one-unit course sequence JOURN 115A, 115 B and 115C.

Toggle

Program Learning Outcomes

- 1. Be academically prepared to transfer to a journalism program at a four-year university or to obtain an entry-level job in journalism or a related field.
- 2. Demonstrate the knowledge, attitudes and skills necessary for careers in journalism and related fields.
- 3. Possess a portfolio of published work suitable for internship/job applications and interviews.

Toggle

Program Requirements

A.A. Degree Local

Required Courses in Major (Total 21)

Complete all of the following

Required Courses in Major (Total 15)

Complete the following number of credits: 15

[JOURN100 - Mass Communication](#) 3

[JOURN110 - Writing for the Media](#) 3

JOURN115A - Media Writing Practicum I 1
JOURN115B - Media Writing Practicum II 1
JOURN115C - Media Writing Practicum III 1
JOURN130 - Media Production: Practicum I 3
JOURN131 - Media Production: Practicum II 3

Elective Courses in Major (Total 6)

Complete the following number of credits: 6

ART015 - Graphic Design 3
ART020 - Introduction to Drawing 3
ART025 - Advertising, Marketing and Publication Design 3
ART050 - Designing with Adobe InDesign 3
ART054 - Adobe Photoshop 3
ART057 - Designing with Adobe Illustrator 3
ART058 - Designing for the Web 3
ART072 - Introduction to Digital Photography 3
ART075 - Documentary Photography 3
COMSC030 - Web Site Development- Part I 1.5
COMSC031 - Web Site Development- Part II 1.5
COMSC032 - Web Site Development- Dreamweaver/Flash 3
ENGL111 - Creative Writing 3
JOURN160 - Photojournalism 3
SPCH120 - Argumentation and Debate 3

JOURN-100 Mass Communication

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This survey of mass communication examines the origins, development, role and impact of the mass media in society — books, newspapers, magazines, radio, television, film, recordings, video games, social media — as well as the internet's connection to convergence and globalization. It analyzes media messages within the cultural landscape: entertainment, journalism, advertising, public relations and social media. It also explores current and future trends and issues in mass communication and media literacy, and laws and ethics involved with the mass media and related industries.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

LMC Standard AA/AS - General Education Requirements:

- C. Arts & Humanities

CSU - General Education - Breadth Requirements:

- Area D: Social Sciences

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 4G: Interdisciplinary, Social, and Behavioral Sciences

C-ID:

- Journalism

Comparable course: JOUR 100

Student Learning Outcomes:

- 1. Describe the relationship of reading, writing and speaking to the communication process, explain the similarities and differences among journalism, advertising, public relations and entertainment messages, and analyze excerpts from a variety of mass media sources. (GESLO 1, 2 and 3; PSLO 1 and 2)
- 2. Explain the history and function of the diverse mass media industries — books, newspapers, magazines, radio, television, film, recordings, Internet, advertising and public relations — evaluate their performance, and analyze their impact on individuals and on society. (GESLO 1, 2 and 3; PSLO 1 and 2)
- 3. Explain the major press theories, analyze how the media interact within different cultural and governmental systems worldwide, and demonstrate how freedom of expression works within modern American society. (GESLO 1, 2, 3 and 5; PSLO 1 and 2)
- 4. Identify, explain and analyze legal and ethical issues pertinent to the mass media, and apply moral reasoning to ethical dilemmas posed by exercising freedom of expression. (GESLO 1, 2, 3, 4 and 5; PSLO 1 and 2)
- 5. Identify, explain and analyze the personal and cultural biases of media organizations, media communicators and media consumers locally, nationally and globally. (GESLO 1, 2, 3, 4 and 5; PSLO 1 and 2)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

JOURN-160 Photojournalism

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

Same as ART-075. This course deals with the photographer as a journalist, focusing on theory and practice in press and publications photography, with emphasis on using the camera as a reporting and communications tool. Covered are news and feature photography and photographic essays, including composition, impact, and creativity, for newspapers, magazines, Internet and other mass communications media. The course includes a background in the history, ethics and aesthetics of the

documentary still photograph. Students will complete successive and cumulative exercises and projects based on current industry standards and expectations, including photographic assignments, exercises, quizzes as well as participate in class discussions and critiques.

Requisites:

Advisory

[ART072 - Introduction to Digital Photography](#)

Advisory

[ART074 - Photo II: Developing a Personal Vision](#)

Advisory

or concurrent enrollment or completion of any other journalism class

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

C-ID:

- Journalism

Comparable course: JOUR 160

Student Learning Outcomes:

- CSLO 1: Identify and explain the technical and aesthetic aspects of the photographic process in journalistic storytelling endeavors. (PSLO aA, jA, jB)
- CSLO 2: Describe the history and development of photojournalism. (PSLO aB, jA, jB)
- CSLO 3: Use appropriate news, ethical and legal judgment in planning, pursuing and creating photographic works. (PSLO aA, jA, jB)
- CSLO 4: Use a computer to effectively process image files to professional standards. (PSLO aA, jA, jB)

- CSLO 5: Create a print or digital stringbook/portfolio showcasing their photographic abilities. (PSLO aA, jA, jB, jC)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

90.0

Course in class (contact) hours

Lecture Hours

36.0

Lab Hours

54.0

Activity Hours

0.0

JOURN-110 Writing for the Media

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course provides an introduction into collecting, evaluating and writing news and information for print, Internet and broadcast media audiences. It also addresses issues of law and ethics pertinent to the media industries.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

LMC Standard AA/AS - General Education Requirements:

- C. Arts & Humanities

C-ID:

- Journalism

Comparable course: JOUR 110 is the C-ID equivalent

Student Learning Outcomes:

- 1. Use appropriate news judgment in identifying and evaluating news, and in developing thoughtful and creative story ideas on a wide range of topics. (PSLO 1, 2)
- 2. Identify sources of information for specific story assignments, and gather the required information through interviews, observation and analysis of records. (PSLO 1, 2; GE SLO 1: Human Communication and GE SLO 2: Information Literacy)
- 3. Evaluate and synthesize news and information, and present it clearly, accurately, thoroughly and objectively in basic news and feature stories that employ a variety of journalistic writing and presentation structures. (PSLO 1, 2; GE SLO 2: Information Literacy)

- 4. Use mechanical and publication writing styles that feature appropriate word choice and tone, clear and concise language, attention to consistency, and avoidance of common errors in syntax, spelling and punctuation. (PSLO 1, 2)
- 5. Identify and analyze legal and ethical issues pertinent to the news media, and apply moral reasoning to ethical dilemmas encountered by the free press. (PSLO 1, 2; GE SLO 3: Ethical Insight)
- 6. Identify and analyze the biases of news organizations, journalists and their audiences, and apply guidelines for reporting and writing about racial, ethnic and minority groups. (PSLO 1, 2) GE SLO 4: Diverse Perspectives)
- 7. Work as a reporter on deadline and under pressure, individually and with others, using computer and digital equipment and other standard tools of the trade. (PSLO 1, 2)
- 8. Create a print and/or digital stringbook to maintain a basic portfolio of published work. (PSLO 3)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

90.0

Course in class (contact) hours

Lecture Hours

36.0

Lab Hours

54.0

Activity Hours

0.0

JOURN-115B Media Writing Practicum II

Units: 1.0

[Print Page](#)

[Back to department listing](#)

Description:

An applied course in which students practice and refine intermediate news gathering, reporting, persuasion and writing skills by working as staff members on student-run print and online college publications. The focus of study is on specialized and in-depth news, feature and opinion stories, and digital story packages.

Requisites:

Prerequisite

[JOURN115A - Media Writing Practicum I](#)

Advisory

[JOURN110 - Writing for the Media](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Gather and assess news and information, and present it clearly — with accuracy, thoroughness, fairness, and attention to AP news style and media law — in specialized and in-depth news and feature stories, and digital story packages. (PSLO 1, 2)
- 2. Research and write a logical and well-supported persuasive article associated with a specialized beat. (PSLO 1, 2)
- 3. Use appropriate news judgment in developing story ideas and in writing specialized, in-depth and regular stories. (PSLO 1, 2)
- 4. Work on deadline and under pressure. (PSLO 1, 2)
- 5. Use computer and digital equipment in the gathering and reporting of news and information. (PSLO 1, 2)
- 6. Update a basic print and/or digital stringbook into a diverse portfolio of published work. (PSLO 3)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

1.0

Maximum Credit Units

1.0

Total Course In-Class (Contact) Hours

18.0

Course in class (contact) hours

Lecture Hours

18.0

Lab Hours

0.0

Activity Hours

0.0

JOURN-115A Media Writing Practicum I

Units: 1.0

[Print Page](#)

[Back to department listing](#)

Description:

An applied course in which students practice and refine beginning news gathering, reporting, persuasion and writing skills by working as staff members on student-run print and online college publications. The focus of study is on basic news, feature and opinion stories and digital story packages.

Requisites:

Advisory

[JOURN110 - Writing for the Media](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Gather and assess news and information, and present it clearly — with accuracy, thoroughness, fairness, and attention to AP news style and media law — in basic news and feature stories, and digital story packages. (PSLO 1, 2)

- 2. Research and write a persuasive review, column or editorial in which opinion is logical and supported. (PSLO 1, 2)
- 3. Use appropriate news judgment in developing story ideas and writing stories. (PSLO 1, 2)
- 4. Work on deadline and under pressure. (PSLO 1, 2)
- 5. Use computer and digital equipment in the gathering and reporting of news and information. (PSLO 1, 2)
- 6. Create a print and/or digital stringbook to maintain a basic portfolio of published work. (PSLO 3)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

1.0

Maximum Credit Units

1.0

Total Course In-Class (Contact) Hours

18.0

Course in class (contact) hours

Lecture Hours

18.0

Lab Hours

0.0

Activity Hours

0.0

JOURN-115C Media Writing Practicum III

Units: 1.0

[Print Page](#)

[Back to department listing](#)

Description:

An applied course in which students practice and refine intermediate news gathering, reporting, persuasion and writing skills by working as staff members on student-run print and online college publications. The focus of study is on investigative and enterprise news stories and series, and related opinion articles.

Requisites:

Prerequisite

[JOURN115B - Media Writing Practicum II](#)

Advisory

[JOURN110 - Writing for the Media](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Plan, research, organize and write a long-term, multi-source investigation for an enterprise news story or series that includes an accompanying multimedia component for the online edition of the student newspaper. Present it clearly with accuracy, thoroughness, fairness, and attention to AP news style and media law. (PSLO 2)
- 2. Research and write an opinion article with a strong editorial voice that relates to an investigative or enterprise news story or series. (PSLO 2)

- 3. Use appropriate news judgment in developing story ideas and in writing an investigative or enterprise news story or series, specialized and/or in-depth stories, and regular stories. (PSLO 2)
- 4. Work on deadline and under pressure. (PSLO 2)
- 5. Use computer and electronic equipment in the gathering and reporting of news and information. (PSLO 2)
- 6. Update a diverse print and/or digital stringbook into a comprehensive portfolio of published work. (PSLO 3)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

1.0

Maximum Credit Units

1.0

Total Course In-Class (Contact) Hours

18.0

Course in class (contact) hours

Lecture Hours

18.0

Lab Hours

0.0

Activity Hours

0.0

JOURN-131 Media Production: Practicum II

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

Intermediate media production skills and practices for students interested in pursuing careers in the news and information media, and other related fields such as advertising and public relations. The course also addresses communication law and ethics, and requires weekly laboratory work on the college newspaper, online news site, and/or magazine.

Requisites:

Prerequisite

[JOURN130 - Media Production: Practicum I](#)

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

C-ID:

- Journalism

Comparable course: JOUR 131

Student Learning Outcomes:

- 1. Demonstrate under deadline pressure, and working collaboratively with a news team, an intermediate knowledge of media production processes and entry-level newsroom leadership skills. (PSLO 1, 2)

- 2. Demonstrate news judgment in developing and assigning relevant story ideas for media publication. (PSLO 1, 2)
- 3. Demonstrate breadth in intermediate reporting skills using written, visual, audio, video and/or other multimedia formats. (PSLO 1, 2)
- 4. Demonstrate intermediate copyediting skills, prepping news and information for publication with attention to accuracy, clarity, thoroughness fairness, AP style and media law/ethics. (PSLO 1, 2)
- 5. Demonstrate principles of intermediate media design for print and/or online products. (PSLO 1, 2)
- 6. Update existing media portfolio to demonstrate an intermediate knowledge of reporting skills and newsroom practices. (PSLO 1, 2, 3)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

126.0

Course in class (contact) hours

Lecture Hours

18.0

Lab Hours

108.0

Activity Hours

0.0

JOURN-130 Media Production: Practicum I

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

Media production skills and practices for students interested in pursuing careers in the news and information media, and other related fields such as advertising and public relations. The course also addresses communication law and ethics, and requires weekly laboratory work on the college newspaper, online news site, and/or magazine.

Requisites:

Prerequisite

[JOURN110 - Writing for the Media](#)

Prerequisite

[JOURN129 - Media Production: Overview of Newsroom Skills and Practices](#)

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

C-ID:

- Journalism

Comparable course: JOURN 130

Student Learning Outcomes:

- 1. Demonstrate under deadline pressure, and working collaboratively with a news team, knowledge of newsroom organization and media production processes. (PSLO 1, 2)
- 2. Demonstrate news judgment in developing relevant story ideas for media publication. (PSLO 1, 2)
- 3. Demonstrate versatility in reporting skills using written, visual, audio, video and/or other multimedia formats. (PSLO 1, 2)
- 4. Demonstrate copyediting skills, prepping news and information for publication with attention to accuracy, clarity, thoroughness fairness, AP style and media law/ethics. (PSLO 1, 2)
- 5. Demonstrate principles of media design for print and/or online products. (PSLO 1, 2)
- 6. Update existing media portfolio to demonstrate a growing knowledge of reporting skills and newsroom practices. (PSLO 1, 2, 3)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

126.0

Course in class (contact) hours

Lecture Hours

18.0

Lab Hours

108.0

Activity Hours

0.0

JOURN-132 Media Production: Practicum III

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

Advanced media production skills and practices for students interested in pursuing careers in the news and information media, and other related fields such as advertising and public relations. The course also addresses communication law and ethics, and requires weekly laboratory work on the college newspaper, online news site, and/or magazine.

Requisites:

Prerequisite

[JOURN131 - Media Production: Practicum II](#)

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Demonstrate under deadline pressure, working collaboratively as a news team, an advanced knowledge of media production processes and intermediate newsroom leadership skills. (PSLO 1, 2)
- 2. Demonstrate news judgment in developing and assigning relevant story and enterprise ideas for media publication. (PSLO 1, 2)
- 3. Demonstrate breadth in advanced reporting and enterprise skills using written, visual, audio, video and/or other multimedia formats. (PSLO 1, 2)
- 4. Demonstrate advanced copyediting skills, prepping news and information for publication with attention to accuracy, clarity, thoroughness fairness, AP style and media law/ethics. (PSLO 1, 2)
- 5. Demonstrate principles of advanced media design for print and/or online products (PSLO 1, 2)
- 6. Update existing media portfolio to demonstrate an advanced knowledge of reporting skills and newsroom practices (PSLO 1, 2, 3)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

126.0

Course in class (contact) hours

Lecture Hours

18.0

Lab Hours

108.0

Activity Hours

0.0

JOURN-129 Media Production: Overview of Newsroom Skills and Practices

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

An overview of media production skills and practices for students interested in learning about careers in the news and information media, and other related fields such as advertising and public relations. The course also addresses communication law and ethics, and requires weekly laboratory work on the college newspaper, online news site, and/or magazine.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Demonstrate basic knowledge of a collaborative newsroom organization and media production processes. (PSLO 1,2)

- 2. Demonstrate basic news judgment in developing relevant story ideas for the media. (PSLO 1, 2)
- 3. Evaluate and synthesize news and information, and present it clearly, accurately, thoroughly and objectively in basic news and/or feature stories. (PSLO 1, 2)
- 4. Demonstrate basic copyediting skills, and knowledge of AP style and media law/ethics. (PSLO 1, 2)
- 5. Demonstrate principles of basic media design for print products. (PSLO 1, 2)
- 6. Build a basic media portfolio that demonstrates knowledge of reporting skills and newsroom practices. (PSLO 1, 2, 3)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

126.0

Course in class (contact) hours

Lecture Hours

18.0

Lab Hours

108.0

Activity Hours

0.0

JOURN-170 Occupational Work Experience Education In Journalism

Units: 1.0-4.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is for students whose work is related to their major. Occupational Work Experience Education provides students with opportunities to develop marketable skills in preparation for employment or advancement within their current job. To participate in cooperative work experience education, students must be employed or formally volunteer and undertake new or expanded responsibilities. Students, with faculty and employer approval, will develop and successfully complete one learning objective for each unit of credit in which they enroll. Additionally, students must work 75 paid hours or 60 non-paid hours for each unit of credit earned. Students may earn up to 8 units per semester and may repeat for a maximum of 16 units of occupational work experience during community college attendance which may be applied as electives toward graduation.

Requisites:

None

Course Note:

Work Experience Education Requirements

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

Section 55253. College Credit and Repetition The amendment to Title 5 created an exception to the general rule for repetition of activity courses to allow students to take the full number of units of cooperative work experience, which would otherwise be allowed. (b) If a college offers only one course in occupational work experience in a given field and that course is not offered as a variable unit open entry/open-exit course, the district policy on course repetition adopted pursuant to section 55040 may permit a student to repeat that course any number of times so long as the student does not exceed the limits on the number of units of cooperative work experience education set forth in subdivision (a). Consistent with section 58161, attendance of a student repeating a cooperative work experience course pursuant to this subdivision may be claimed for state apportionment.

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Apply professionalism and work ethic skills including personal accountability, work habits, punctuality, working productively with others, and managing time and work load.
- CSLO 2: Work in collaborative relationships with colleagues and customers and be able to work with diverse teams, negotiate, and manage conflicts.
- CSLO 3: Apply critical thinking and problem solving skills by using sound reasoning and analytical thinking as well as using knowledge, facts, and data to solve workplace problems.
- CSLO 4: Communicate thoughts and ideas clearly and effectively using public speaking skills and the ability to write clearly and effectively.
- CSLO 5: Utilize, under direct supervision, knowledge, skills and abilities acquired during prior or concurrent college course work directly related to workplace responsibilities by applying appropriate Course-Level Student Learning Outcomes from a college course to the student's place of employment.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

1.0

Maximum Credit Units

4.0

Total Course In-Class (Contact) Hours

300.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

300.0

Activity Hours

0.0

JOURN-098 Independent Study in Journalism

Units: 0.5-3.0

[Print Page](#)

[Back to department listing](#)

Description:

Provides students an opportunity to design and pursue their own interests within a particular area. Projects reflecting cultural diversity and/or societal issues will be greatly encouraged. A contract must be drawn between the student and the instructor stipulating the goals of the independent study, the content, the method of approach, the estimated time involved, and the periodic evaluation to be used. (Minimum 1 hour per week with instructor plus 54 hours of contracted work for each unit of credit.)

Requisites:

None

Course Note:

Submission of acceptable educational contract to department and Instruction Office is required.

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- Meet outcomes as specified in the approved Application for Independent Study.
- Gain knowledge and skill through the successful completion of an independent study course.
- Demonstrate and/or apply independent academic learning skills.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

0.5

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

162.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

162.0

Activity Hours

0.0

JOURN-180 Internship in Journalism

Units: 1.0-4.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is for students who have declared a major, have taken classes in the major, and are ready for on-the-job experience in a paid or unpaid position. An internship involves working in a skilled or professional level assignment in the area of a student's vocational or academic major or field of interest. Students, with faculty and employer approval, will apply college-acquired knowledge, skills and abilities as well as acquire new learning to prepare for a career in their chosen field. Students

must work 75 paid hours or 60 non-paid hours for each unit of credit earned. Students may earn a maximum of 16 units of occupational work experience internship during community college attendance which may be applied as electives toward graduation. 12 units are transferable to CSU.

Requisites:

None

Course Note:

Work Experience Education Requirements

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

Section 55253. College Credit and Repetition The amendment to Title 5 created an exception to the general rule for repetition of activity courses to allow students to take the full number of units of cooperative work experience, which would otherwise be allowed. (b) If a college offers only one course in occupational work experience in a given field and that course is not offered as a variable unit open entry/open-exit course, the district policy on course repetition adopted pursuant to section 55040 may permit a student to repeat that course any number of times so long as the student does not exceed the limits on the number of units of cooperative work experience education set forth in subdivision (a). Consistent with section 58161, attendance of a student repeating a cooperative work experience course pursuant to this subdivision may be claimed for state apportionment.

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Apply professionalism and work ethic skills including personal accountability, work habits, punctuality, working productively with others, and managing time and work load.
- CSLO 2: Work in collaborative relationships with colleagues and customers and be able to work with diverse teams, negotiate, and manage conflicts.
- CSLO 3: Apply critical thinking and problem solving skills by using sound reasoning and analytical thinking as well as using knowledge, facts, and data to solve workplace problems.
- CSLO 4: Communicate thoughts and ideas clearly and effectively using public speaking skills and the ability to write clearly and effectively.
- CSLO 5: Utilize, under direct supervision, knowledge, skills and abilities acquired during prior or concurrent college course work directly related to work place responsibilities by

applying appropriate Course-Level Student Learning Outcomes from a college course to the internship.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

1.0

Maximum Credit Units

4.0

Total Course In-Class (Contact) Hours

300.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

300.0

Activity Hours

0.0

Kinesiology

Program Information

Degree(s) and/or certificates and courses listed below.

Degrees and Certificates

Kinesiology Associate in Arts for Transfer (AA-T)

Course Information

KINES098 - Independent Study/Physical Education
KINES100 - Introduction to Kinesiology
KINES105 - Introduction to Standard First Aid/CPR
KINES200 - Personal Health and Wellness
KINES203 - Drugs, Health and Society
KINES210 - Introduction to Public Health
KNACT004A - Beginning Body and Barre
KNACT004B - Intermediate Body and Barre
KNACT004C - Advanced Body and Barre
KNACT006 - Cardio and Strength Training
KNACT008A - Strength and Conditioning I
KNACT008B - Strength and Conditioning II
KNACT009A - Beginning Power Lifting
KNACT009B - Intermediate Power Lifting
KNACT010A - Beginning Circuit Training
KNACT010B - Intermediate Circuit Training
KNACT011A - Beginning Bootcamp
KNACT011B - Intermediate Bootcamp
KNACT012 - Fitness Walking
KNACT014A - Beginning Volleyball
KNACT014B - Intermediate Volleyball
KNACT020 - Zumba
KNACT025 - Spin
KNACT026A - Beginning Soccer
KNACT026B - Intermediate Soccer
KNACT028A - Beginning Pickleball
KNACT030 - Tennis
KNACT033 - Cardio Kickboxing
KNACT042 - Golf
KNACT046A - Beginning Basketball
KNACT046B - Intermediate Basketball
KNACT057A - Beginning Yoga for Health and Fitness
KNACT057B - Intermediate Yoga for Health and Fitness
KNACT057C - Advanced Yoga for Health and Fitness
KNACT058 - Core Fusion to Core Strengthening
KNACT110 - Fitness Center - Training
KNACT120 - Fitness Center - Strength Training
KNACT130 - Fitness Center - Functional Fitness Training
KNACT140 - Fitness Center - Cross Training
KNDAN053 - Introduction to Dance
KNDAN054 - Intermediate Jazz Dance
KNDAN055 - Advanced Jazz Dance
KNDAN056 - Dance Performance

[Back to department listing](#)

Kinesiology Associate in Arts for Transfer (AA-T)

A.A. Degree for Transfer

[Print Page](#)

[Back to department listing](#)

Units:

60 units

The Associate in Arts in Kinesiology for Transfer at Los Medanos College prepares students to transfer into a curriculum at a 4 year institution to pursue a baccalaureate degree in Kinesiology or Physical Education. This major will introduce students to many areas of study including health and fitness, physical education, therapeutic/sport medicine, and coaching/sport instruction. Curriculum in this degree will also provide coursework necessary to prepare students for national certifications in the health/fitness industry such as personal training, group fitness instructor, and lifestyle/weight management consultant. To earn the Associate Degree for Transfer: 1. Completion of 60 semester units or 90 quarter units of degree-applicable courses, 2. Minimum overall grade point average of 2.0, 3. Minimum grade of "C" (or "P") for each course in the major, and 4. Completion of IGETC and/or CSU GE-Breadth Certain ADTs are based on completion of IGETC for STEM or CSU GE-Breadth for STEM.

Toggle

Program Learning Outcomes

- 1. Demonstrate an understanding of the historical, ethical, and philosophical foundations of Kinesiology.
- 2. Demonstrate knowledge of the relationship between physical activity and the conceptual foundations of kinesiology
- 3. Identify career and/or educational options in kinesiology/physical education, and formulate an action plan to successfully pursue and attain those options.
- 4. Utilize critical thinking skills to identify research methods and apply them in an evaluative process to draw conclusions.

Toggle

Program Requirements

A.A. Degree for Transfer
Required Courses

Required Courses for Major (Total 24 - 25)

Complete all of the following

[BIOSC040 - Human Anatomy](#) 5

[BIOSC045 - Human Physiology](#) 5

[KINES100 - Introduction to Kinesiology](#) 3

Movement Based Courses--Select a maximum of one course from any three of the following areas for a minimum of three units. (Total 3)

Complete the following number of credits: 3

Required Course for Major Movement Based Courses--Combative (Total 1)

Complete the following number of credits: 1

[KNACT033 - Cardio Kickboxing](#) 1

Required Course for Major Movement Based Courses--Individual Sports (Total 1)

Complete the following number of credits: 1

[KNACT030 - Tennis](#) 1

[KNACT042 - Golf](#) 1

Required Course for Major Movement Based Courses--Team Sports (Total 1)

Complete the following number of credits: 1

[KNACT014A - Beginning Volleyball](#) 1

[KNACT026A - Beginning Soccer](#) 1

[KNACT046A - Beginning Basketball](#) 1

Required Course for Major Movement Based Courses--Dance (Total 1)

Complete the following number of credits: 1

[KNDAN053 - Introduction to Dance](#) 1

Required Course for Major Movement Based Courses--Fitness (Total 1)

Complete the following number of credits: 1

[KNACT004A - Beginning Body and Barre](#) 1

[KNACT008A - Strength and Conditioning I](#) 1

[KNACT010A - Beginning Circuit Training](#) 1

[KNACT057A - Beginning Yoga for Health and Fitness](#) 1

Required Courses for Major List A Select Two Courses from Two Different Disciplines (Total 8 - 9)

Complete the following number of credits: 8-9

[BIOSC010 - General Biology](#) 4

[CHEM007 - Introduction to General, Organic and Biochemistry](#) 4

[CHEM025 - General College Chemistry I](#) 5

[MATH110 - Introduction to Statistics](#) 4

[PHYS015 - Introduction to Physics](#) 4

[PHYS035 - College Physics I](#) 4

KNACT-028A Beginning Pickleball

Units: 1.0

[Print Page](#)

[Back to department listing](#)

Description:

Pickleball is a fast paced, self officiated net game played with two, three, or four people with similarities to tennis, badminton, table tennis, & racquetball. This course will cover rules, strategies, technique, preparation for play, and will include extensive active practice and game play

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Adhere to the rules and scoring system of the game, and demonstrate pickle ball etiquette. (PSLO 2)
- CSLO 2: Demonstrate the skills to hit a forehand, backhand stroke and execute a volley in a game situation. (PSLO 2)
- CSLO 3: Execute a serve in a game situation (PSLO 2)
- CSLO 4: Select the appropriate strategy for use in a given situation that occurs in singles or doubles games. (PSLO 2)

Grade Options:

- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

1.0

Maximum Credit Units

1.0

Total Course In-Class (Contact) Hours

0.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

54.0

Activity Hours

0.0

KINES-203 Drugs, Health and Society

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course provides an overview of the epidemiology and toxicology of substance abuse and its relevance to personal and public health. Students will be introduced to the concept of substance abuse and dependence, the definition of licit and illicit drugs, and the pharmacologic, neurologic, and physiologic effects of selected substances on the human brain. Political, social, and economic factors involved in drug supply and demand will be discussed. Epidemiologic trends on dependencies in the United States will be explored, including smoking, alcohol, prescription, and other drugs. An overview of risk factors, prevention, and current options for recovery of misuse and abuse of illicit and licit drugs will be discussed.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:**CSU - General Education - Breadth Requirements:**

- Area D: Social Sciences

CSU - General Education - Breadth Requirements:

- Area E: Lifelong Learning and Self-Development

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 4: Social & Behavioral Sciences

Student Learning Outcomes:

- CSLO 1: Distinguish between use, misuse, and abuse. (PSLO 1, 5)
- CSLO 2: Identify and evaluate the social determinants associated with specific substance abuse, including populations most at risk. (PSLO 1,2,3,,5)
- CSLO 3: Describe the neurological and physiological short and long-term effects of various types of drugs and abuse. (PSLO 1,5)
- CSLO 4: Analyze historical and current public health policies and laws on substance abuse, including broad political, social, and economic factors, and examining arguments on both sides of controversial policies related to substance abuse. (PSLO 1,2,3,4,5)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

KNACT-025 Spin

Units: 1.0

[Print Page](#)

[Back to department listing](#)

Description:

Spin class is an intense cardio workout that uses stationary bikes and instructor guidance. Interval sprints, hill climbs and flat road rides will challenge and develop your cardio strength and endurance. Spin class can be suitable for many fitness levels, as RPM and Resistance are monitored and controlled by the individual on the bike.

Requisites:

Advisory

Doctor's clearance for ability to perform moderate to high level cardio exercise

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1) Demonstrate the proper technique for sizing a stationary bicycle (PSLO 2)
- 2) Calculate individualized target heart rate zone and monitor exertion during class. (PSLO 2)
- 3) Demonstrate basic cycling skills and techniques of speed, seated climb, standing climb, pull, small hills/jumps. (PSLO 2)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

1.0

Maximum Credit Units

1.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

54.0

Activity Hours

0.0

KNDAN-056 Dance Performance

Units: 1.0

[Print Page](#)

[Back to department listing](#)

Description:

Dance Performance provides the introduction to basic dance performance techniques and provides the opportunity for students to apply skills in jazz, modern, contemporary, hip-hop and ballet dance styles towards a performance experience. Emphasis is placed on student application of dance choreography and performance skills; costuming, staging, and lighting design opportunities are also available. Students may audition to perform in ensemble and solo pieces.

Requisites:

Advisory

Students should have prior experience taking jazz, modern, contemporary, hip-hop and ballet dance styles classes.

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Apply basic dance concepts of jazz, modern, contemporary, hip-hop, and ballet dance styles to create a dance composition and performing ensemble and solo pieces of choreography.
- 2. Demonstrate a command for terminology and concepts applied to dance composition and performing while showing improvements in technique and artistry.
- 3. Articulate and demonstrate the positive impact that dance composition and performance can have on establishing personal goals, group involvement, cooperation, and the creative application.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

1.0

Maximum Credit Units

1.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

54.0

Activity Hours

0.0

KINES-100 Introduction to Kinesiology

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This is an introductory course that will survey the discipline of Kinesiology/Physical Education including the analysis of the nature and importance of physical activity, the knowledge base of the discipline and careers in physical activity professions. Focus will also be placed on the integrative nature of the discipline.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

CSU - General Education - Breadth Requirements:

- Area E: Lifelong Learning and Self-Development

C-ID:

- Kinesiology

Comparable course: KIN 100

Student Learning Outcomes:

- CSLO 1: Identify and distinguish the basic concepts of Kinesiology. (PSLO 2)
- CSLO 2: Describe the historical, ethical, and philosophical foundations of Kinesiology. (PSLO 1)
- CSLO 3: Identify the fundamental concepts of basic movement. (PSLO 3, 4)
- CSLO 4: Describe and explain the relationship between physical activity and the conceptual foundations of the sub-disciplines of Kinesiology. (PSLO 3, 4)
- CSLO 5: Identify and describe the pathways and requirements for career opportunities. (PSLO 3)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

KNACT-009B Intermediate Power Lifting

Units: 1.0

[Print Page](#)

[Back to department listing](#)

Description:

The intermediate power lifting course will focus on refining power lifting techniques. Students will work on developing strength to improve maximal performance in three lifts; squat, bench press and dead lift. As in the sport of Olympic weightlifting, it involves lifting weights in three attempts.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Explain the biomechanical principles intermediate power lifting. (PSLO 2)
- 2. Demonstrate knowledge of the relationship between physical activity and the conceptual foundations of Kinesiology
- 3. Identify career and/or educational options in Kinesiology/Physical Education and formulate action plan to successfully pursue and attain those options

- 4. Utilize critical thinking skills to identify research methods and apply them in an evaluative process to draw conclusions.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

1.0

Maximum Credit Units

1.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

54.0

Activity Hours

0.0

KNACT-009A Beginning Power Lifting

Units: 1.0

[Print Page](#)

[Back to department listing](#)

Description:

Powerlifting is a strength sport that consists of three attempts at maximal weight on three lifts: squat, bench press, and deadlift. As in the sport of Olympic weightlifting, it involves lifting weights in three attempts. Powerlifting evolved from a sport known as "odd lifts", which followed the same three-attempt format but used a wider variety of events, akin to strongman competition. Eventually odd lifts became standardized to the current three.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Explain the physiological principles of power lifting. (PSLO 2)
- 2. Analyze and demonstrate proper technique in beginning power lifts such as power pull and back squat. (PSLO 3)
- 3. Demonstrate proper care and safety procedures in use of equipment. (PSLO 2)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

1.0

Maximum Credit Units

1.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

54.0

Activity Hours

0.0

KNACT-011B Intermediate Bootcamp

Units: 1.0

[Print Page](#)

[Back to department listing](#)

Description:

Intermediate Bootcamp provides a total fitness exercise program for the individual who has participated in an exercise/ workout program to develop cardiovascular fitness, muscular strength/ endurance, flexibility, nutrition/weight control and stress management. Intermediate Bootcamp offers a variety of modalities to add variance and ongoing interest to the individual who enjoys total fitness training.

Requisites:

Advisory

Beginning Bootcamp

Able to provide clearance from Dr for vigorous cardio, strength and endurance exercise.

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Recall, identify and correctly demonstrate exercises to develop 4 areas of fitness; cardiovascular, endurance, strength, and flexibility. (PSLO 1 and 3)
- 2. Design and practice an exercise program appropriate for the individual and their lifelong fitness goals. (PSLO 1)
- 3. Improve personal fitness levels through analyzation of baseline testing, identification of sub-par fitness and application of exercises to improve areas of weakness. (PSLO 1 and 3)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

1.0

Maximum Credit Units

1.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

54.0

Activity Hours

0.0

KNACT-120 Fitness Center - Strength Training

Units: 0.5-1.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is designed to provide instruction in proper training techniques for increasing muscular strength and endurance, utilizing plate-loaded apparatus, free weights, selectorized weight machines, and Olympic lifting techniques. A required orientation includes an individualized fitness assessment, learning guidelines on accessing fitness, training, and wellness information on-line, and discussing how to train safely and efficiently using state-of-the-art equipment.

Requisites:

Prerequisite

KNACT-110 **Prerequisite**

Please see attached Prerequisite Form for details.

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1 Monitor THR before, during and after exercise (PSLO 3)
- CSLO 2 Demonstrate increased muscular strength (PSLO 2, 3)
- CSLO 3 Demonstrate increased muscular endurance (PSLO 2,3)

Grade Options:

- Pass/No Pass (P/NP)

Toggle

Units and Hours**Minimum Credit Units**

0.5

Maximum Credit Units

1.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

54.0

Activity Hours

0.0

KNACT-058 Core Fusion to Core Strengthening

Units: 1.0

[Print Page](#)

[Back to department listing](#)

Description:

Core Fusion is a Mind-Body class that combines the basic training principles of Yoga and Pilates. The blend of Yoga and Pilates into one workout offers individuals an efficient format to promote quality of life and performance by improving; core strength, functional mobility, flexibility and body awareness . This class will teach strengthening, breathing and relaxation techniques to promote personal health and reduce overall stress and anxiety levels.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Utilize the pilates method of muscle training to improve core strength. (PSLO 2)

- 2. Show improvement in Core strength, body awareness and flexibility through a beginning pilates and yoga pose sequence. (PSLO 2)
- 3. Identify, apply and practice 3 breathing techniques to aid in performance and reduce overall stress and anxiety levels. (PSLO 2)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

1.0

Maximum Credit Units

1.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

54.0

Activity Hours

0.0

KNACT-130 Fitness Center - Functional Fitness Training

Units: 0.5-1.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is designed to provide instruction in functional fitness exercises. Functional fitness exercises are designed to train your muscles to work together and prepare them for daily tasks by simulating movements that individuals might do at home, work, or in sports. KNACT-110 with a Pass grade are prerequisites for this class.

Requisites:**Advisory**

[KNACT120 - Fitness Center - Strength Training](#)

Advisory

[KNACT120 - Fitness Center - Strength Training](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1 Define functional fitness (PSLO 2, 3)
- CSLO 2 Identify and use functional fitness equipment as part of weekly workout plan (PSLO 3)
- CSLO 3 Increase ROM and flexibility in one lower and one upper body flexibility exercise (PSLO 3)
- CSLO 4 Demonstrate improved Core strength (PSLO 3)

Grade Options:

- Pass/No Pass (P/NP)

Toggle

Units and Hours

Minimum Credit Units

0.5

Maximum Credit Units

1.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

54.0

Activity Hours

0.0

KNACT-140 Fitness Center - Cross Training

Units: 0.5-1.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is designed to provide instruction in cross training fitness exercises. Cross training fitness programs are designed to help the student balance his or her fitness program by varying the workout routines engaging different muscle groups. Cross training improves overall fitness and helps prevent overuse injuries that are common in single activity programs. Emphasis is placed on the use of multiple aerobic activities (walking, running, biking, elliptical) plus muscular strength and functional fitness exercises. KNACT-110, with a Pass grade are prerequisites for this course.

Requisites:

Prerequisite

[KNACT110 - Fitness Center - Training](#)

Advisory

[KNACT120 - Fitness Center - Strength Training](#)

Advisory

[KNACT130 - Fitness Center - Functional Fitness Training](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1 Define Cross Training (PSLO 2, 3)
- CSLO 2 Identify and use cross training principles and exercises as part of weekly workout plan (PSLO 3)
- CSLO 3 Demonstrate improved Cardiovascular endurance. (PSLO 3)
- CSLO 4 Demonstrate improved Core strength (PSLO 3)

Grade Options:

- Pass/No Pass (P/NP)

Toggle

Units and Hours**Minimum Credit Units**

0.5

Maximum Credit Units

1.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

54.0

Activity Hours

0.0

KNACT-110 Fitness Center - Training

Units: 0.5-1.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is designed to increase cardiovascular endurance, strength, and flexibility through the use of circuit training. A required orientation includes performing an individualized fitness assessment, learning guidelines on accessing fitness, training and wellness information on-line, and discussing how to train safely and efficiently using state-of-the-art equipment.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO1 Be able to identify proper warm up and cool down technique. (PSLO3)
- CSLO2 Be able to calculate a Target Heart Rate. (PSLO 3)
- CSLO3 Be able to complete a “Super Circuit” using proper training technique. (PSLO 3)

Grade Options:

- Pass/No Pass (P/NP)

Toggle

Units and Hours**Minimum Credit Units**

0.5

Maximum Credit Units

1.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

54.0

Activity Hours

0.0

KINES-105 Introduction to Standard First Aid/CPR

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course involves the theory and detailed demonstration of the first aid care of the injured commonly seen in the Kinesiology major. It includes basic first aid care and useful information about common medical and environmental injuries and illnesses. The student will learn to assess an injured person's condition and incorporate and administer proper care and treatment.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

C-ID:

- Kinesiology

Comparable course: KIN 101

Student Learning Outcomes:

- 1. Describe the signs and symptoms associated with common medical emergencies. (PSLO 4)
- 2. Assess an injured person's condition or medical emergency and apply emergency action plan. (PSLO 4)
- 3. Explain and demonstrate cardiopulmonary resuscitation and the use of AED. (PSLO 4)
- 4. Explain and demonstrate bandaging and splinting techniques. (PSLO 4)
- 5. Explain and demonstrate emergency rescue moves. (PSLO 4)
- 6. Evaluate person's lifestyle for health and safety concerns and set personal goals for achieving a safe and healthy lifestyle. (PSLO 2)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

KNACT-006 Cardio and Strength Training

Units: 1.0

[Print Page](#)

[Back to department listing](#)

Description:

Cardio and Strength training is a cross training class designed to improve cardiovascular endurance, muscular endurance, flexibility and strength. Students will learn dynamic stretch and warm up exercises, proper body mechanics and strength training exercises including body weight, exercise machines and free weights. Cardio training may include walking, jogging, cycling, step, circuit and interval training. Students will learn how to attain, monitor and control their target heart rate during exercise. The class will utilize state of the art training, including Keiser Pneumatic equipment found in the new Kinesiology/Athletics Complex.

Requisites:

Advisory

Doctor's clearance for vigorous cardio, strength and endurance activity.

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Students develop an appropriate stretching and warm up routine for physical fitness training courses. (PSLO 1)
- CSLO2: Establish a target heart rate and control it during an aerobic workout. (PSLO 1)
- CSLO3: Utilize appropriate mechanics for basic weight exercises. (PSLO 1)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

1.0

Maximum Credit Units

1.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours**Lecture Hours**

0.0

Lab Hours

54.0

Activity Hours

0.0

KNACT-012 Fitness Walking

Units: 1.0

[Print Page](#)

[Back to department listing](#)

Description:

A cardiovascular exercise class intended to provide a complete fitness program without impact. The class is designed for all levels of fitness regardless of age or ability. The level of activity is based on

individual needs. An emphasis will be placed on lifelong fitness and developing flexibility, cardiovascular fitness, muscular toning and weight control.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Evaluate personal fitness level and be able to apply the training zone principle to their own workout schedule, incorporating intensity, duration and frequency modes with their age and lifestyle.(PSLO 1)
- 2. Identify the proper progression of warm-ups, flexibility and strengthening exercises. Apply the correct cool down principles for a safe exercise program. (PSLO 1)
- 3. Formulate a personal workout program that includes cardiovascular conditioning, muscular strength and endurance, and flexibility exercises. (PSLO 1)
- 4. Apply appropriate safety precautions for specific exercises performed. (PSLO 1)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

1.0

Maximum Credit Units

1.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

54.0

Activity Hours

0.0

KNACT-026B Intermediate Soccer

Units: 1.0

[Print Page](#)

[Back to department listing](#)

Description:

This course provides students with instruction in the Intermediate skills of soccer including passing, dribbling, shooting, and trapping the ball. Emphasis will be placed on knowledge of rules and team strategy.

Requisites:**Advisory**

[KNACT026A - Beginning Soccer](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Students will be able to apply the appropriate rules, scoring system and procedures while performing in drills. (PSLO 2)
- CSLO 2: Students will be able to demonstrate the skills and techniques of passing, trapping, dribbling, and shooting while performing in drills. (PSLO 2)
- CSLO 3: Students will be able to select the appropriate strategy for use in drills. (PSLO 2)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

1.0

Maximum Credit Units

1.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

54.0

Activity Hours

0.0

KNACT-026A Beginning Soccer

Units: 1.0

[Print Page](#)

[Back to department listing](#)

Description:

Beginning Soccer is a course designed to provide students with instruction in the fundamental skills of soccer including passing, dribbling, shooting, and trapping the ball. Students will learn the proper form and technique for each of these skills by participating in soccer specific drills as well as in short sided scrimmages. In addition, students will learn the rules of the game, and will learn how to properly warm up and cool down before and after playing soccer in order to reduce the risk of injury.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Students will participate and demonstrate an appropriate dynamic warm up for soccer courses. (PSLO 2)
- CSLO 2: Students will be able to Identify the techniques involved, and the difference between the following skills: passing, trapping, dribbling, and shooting while performing in drills. (PSLO 2)
- CSLO 3: Apply the appropriate rules, scoring system and procedures for a short sided (4 v 4, 6 v 6 etc.) game and a full sided game (11 v 11). (PSLO 1, 2)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

1.0

Maximum Credit Units

1.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

54.0

Activity Hours

0.0

KNACT-014A Beginning Volleyball

Units: 1.0

[Print Page](#)

[Back to department listing](#)

Description:

This course provides students with instruction in the fundamentals of volleyball including serving, blocking, digging, setting and spiking. Emphasis will be placed on knowledge of rules and team strategy.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Understand the appropriate rules, scoring system and procedures for a beach, 3 on 3 and 6 on 6 volleyball match. (PSLO 4)

- CSLO 2: Identify the skills and techniques of serving, blocking, bumping, setting and spiking in a volleyball match. (PSLO 4)
- CSLO 3: Be aware of strategy for use in game situations. (PSLO 4)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

1.0

Maximum Credit Units

1.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

54.0

Activity Hours

0.0

KNACT-030 Tennis

Units: 1.0

[Print Page](#)

[Back to department listing](#)

Description:

This course provides students with instruction in the fundamental strokes of tennis including forehand and backhand ground strokes, serve and volley, rules, scoring system and tennis etiquette. The basic tactics of singles and doubles and how to play the game, involving strategy, will be taught.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Adhere to the rules and scoring system of the game and demonstrate tennis etiquette. (PSLO 1, 2)
- CSLO 2: Demonstrate the skills to hit a forehand, backhand stroke and execute a volley in a game situation. (PSLO 1, 2)
- CSLO 3: Execute a serve in a game situation (PSLO 1, 2)
- CSLO 4: Select the appropriate strategy for use in a given situation that occurs in singles or doubles games. (PSLO 1,2)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

1.0

Maximum Credit Units

1.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

54.0

Activity Hours

0.0

KNACT-033 Cardio Kickboxing

Units: 1.0

[Print Page](#)

[Back to department listing](#)

Description:

Cardio kickboxing will combine punches, kicks, sports conditioning, and drills to provide a workout that will improve cardiovascular fitness, muscular strength and flexibility. This course is designed for all fitness levels. The class will utilize state of the art training equipment found in the new Kinesiology/Athletics Complex.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Utilize basic cardio kickboxing punches and kicks to improve physical fitness. (PSLO 1, 2)
- 2. Correctly perform basic fighting stance, cardio kickboxing punches and kicks. (PSLO 2, 3)
- 3. Apply appropriate safety precautions for specific exercises performed. (PSLO 1, 2)
- 4. Engage in a series of exercises best suited for the individual and lifelong fitness. (PSLO 1, 2)
- 5. Improve personal fitness through application of basic principles of physical fitness. (PSLO 1, 2, 3)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

1.0

Maximum Credit Units

1.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

54.0

Activity Hours

0.0

KNACT-046A Beginning Basketball

Units: 1.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is designed to introduce the student to all the basic elements of the sport of basketball. The intent of the course will engage the students in the practice of all the basic skills of dribbling, passing and shooting through individual and group drills.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Identify a variety of basketball passing techniques that include: chest pass, bounce pass, over head pass (PSLO 2)
- CSLO 2: Identify a variety of dribbling techniques that include: crossover dribble, spin dribble, speed dribble and control dribble (PSLO 2)
- CSLO 3: Identify various shooting techniques that include: jump shot, set shot, hook shot and lay up shot (PSLO 2)
- CSLO 4: Identify strategies and rules to play both a full court and half court basketball game (PSLO 2)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

1.0

Maximum Credit Units

1.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

54.0

Activity Hours

0.0

KNACT-042 Golf

Units: 1.0

[Print Page](#)

[Back to department listing](#)

Description:

This course includes instruction in all aspects of the game of golf. It will emphasize golf stance, grip, swing, chipping, putting, etiquette, scoring, and strategy.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Adhere to the rules and scoring system of the game of golf and demonstrate proper golf etiquette. (PSLO 1,2)

- CSLO 2: Use the correct stance, grip, swing, chipping and putting in a game situation. (PSLO 1,2)
- CSLO 3: Access, select and execute the appropriate strokes and golf strategy for use in a game situation. (PSLO 1,2)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

1.0

Maximum Credit Units

1.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

54.0

Activity Hours

0.0

KNACT-046B Intermediate Basketball

Units: 1.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is designed to provide students with the opportunity to practice and refine skills and strategies used in the game of basketball. Emphasis will be placed on the application of basketball skills in dribbling, shooting, passing and strategies in game settings.

Requisites:**Advisory**

[KNACT046A - Beginning Basketball](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Students will be able to perform and demonstrate basketball passing techniques that include: chest pass, bounce pass, over head pass (PSLO 2)
- CSLO 2: Students will be able to perform and demonstrate dribbling techniques that include: crossover dribble, spin dribble, speed dribble and control dribble (PSLO 2)
- CSLO 3: Students will be able to perform and demonstrate shooting techniques that include: jump shot, set shot, hook shot and lay up shot (PSLO 2)
- CSLO 4: Select and utilize strategies and rules to play both a full court and half court basketball game (PSLO 2)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)

- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

1.0

Maximum Credit Units

1.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

54.0

Activity Hours

0.0

KNACT-004A Beginning Body and Barre

Units: 1.0

[Print Page](#)

[Back to department listing](#)

Description:

This course teaches traditional Pilates mat skills, basic Yoga postures, and off-the-Barre Ballet exercises for improved fitness, body alignment, strength, flexibility, and coordination for a beginning level. There will be an emphasis on connecting breath to movement for body alignment and core stabilization purposes. This class will assist in helping students meet personal and fitness goals.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Engage in traditional Pilates mat skills emphasizing body alignment and core stabilization at a beginning level.
- 2. Utilize traditional Yoga postures and breathing techniques to create flexibility and build strength in muscles and joints at a beginning level.
- 3. Correctly perform beginning off-the-barre Ballet-inspired exercises to define and lengthen muscles.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

1.0

Maximum Credit Units

1.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

54.0

Activity Hours

0.0

KNACT-011A Beginning Bootcamp

Units: 1.0

[Print Page](#)

[Back to department listing](#)

Description:

Beginning Bootcamp provides a total functional fitness exercise program for individuals interested in developing and improving their total physical and mental health, including; cardiovascular fitness, muscular strength and endurance, flexibility, nutrition and weight management, and stress control.

Requisites:

Advisory

Able to provide clearance from doctor for vigorous cardio, strength and endurance exercise.

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Correctly demonstrate fitness conditioning exercises to improve cardiovascular and muscular endurance, strength, and flexibility. (PSLO 1 and 3)
- 2. Apply appropriate personal modifications for safety while executing fitness activities.
- 3. Practice an exercise program designed most appropriately for the individual and their lifelong fitness goals. (PSLO 1)
- 4. Improve personal fitness levels and create personal fitness goals for life-long fitness strategies.(PSLO 1 and 3)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

1.0

Maximum Credit Units

1.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

54.0

Activity Hours

0.0

KNACT-057A Beginning Yoga for Health and Fitness

Units: 1.0

[Print Page](#)

[Back to department listing](#)

Description:

This introductory level class is designed for individuals with no previous yoga experience. Using yoga asanas (postures), students will practice introductory level flexibility, strength, balance, and coordination. Yoga techniques for mind-body connection and centering will include breathing and relaxation methods.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Demonstrate beginning level yoga asanas (postures) and techniques.
- 2. Improve flexibility, muscular strength, balance, and coordination.
- 3. Develop beginning relaxation, breathing and centering yoga methods.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

1.0

Maximum Credit Units

1.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

3.0

Activity Hours

0.0

KNACT-010B Intermediate Circuit Training

Units: 1.0

[Print Page](#)

[Back to department listing](#)

Description:

Intermediate Circuit Training is an exercise program designed to improve both cardiovascular strength/endurance, and muscular strength/endurance. Students will learn about the different aspects of a total fitness program, Target Heart Rates, dynamic warm-up/stretching, proper body mechanics and the major muscle groups required to perform safe and effective exercises.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Students will demonstrate a 5 minute dynamic warm up and stretch for circuit training courses. (PSLO 2)
- CSLO2: Students will calculate and control their Target Heart Rate during aerobic exercise to improve their cardiovascular endurance level. (PSLO 2)
- CSLO3: Students will identify and perform intermediate level exercises to help improve cardiovascular and muscular endurance. (PSLO 2)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

1.0

Maximum Credit Units

1.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

3.0

Activity Hours

0.0

KNDAN-054 Intermediate Jazz Dance

Units: 1.0

[Print Page](#)

[Back to department listing](#)

Description:

Designed for the student who has previously studied performance-based dance technique in jazz, modern, contemporary, hip-hop, or ballet styles. Emphasis is placed on intermediate Jazz dance vocabulary, technique, choreography, rhythms, and appreciation of dance as a performing art form.

Requisites:

Advisory

KNDAN053 - Introduction to Dance

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Correctly perform intermediate level jazz technique, alignment, and rhythmic application in non-locomotor and locomotor warm-up step-sequences and combinations.
- 2. Properly execute intermediate level jazz dance movement skills, step-sequences, and dance vocabulary with energy and dynamics of movement while showing improvement in strength, stamina, muscle control, and flexibility.
- 3. Memorize, perform, and demonstrate knowledge of historical jazz dances and choreographers, and intermediate-level jazz dance choreography with correct technique, strength, flexibility, alignment, rhythmic application, and artistry.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

1.0

Maximum Credit Units

1.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

3.0

Activity Hours

0.0

KNACT-057B Intermediate Yoga for Health and Fitness

Units: 1.0

[Print Page](#)

[Back to department listing](#)

Description:

This intermediate level class is designed for individuals who have completed beginning Yoga. Using intermediate yoga asanas (postures), students will build upon their level of flexibility, strength, balance, and coordination. Intermediate Yoga techniques for mind-body connection and centering will include breathing and relaxation methods.

Requisites:

Advisory

[KNACT057A - Beginning Yoga for Health and Fitness](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Demonstrate intermediate level yoga asanas (postures) and techniques.
- 2. Gain greater flexibility, muscular strength, balance, and coordination.
- 3. Develop intermediate relaxation, breathing and centering yoga methods.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

1.0

Maximum Credit Units

1.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

3.0

Activity Hours

0.0

KNACT-004B Intermediate Body and Barre

Units: 1.0

[Print Page](#)

[Back to department listing](#)

Description:

This course teaches intermediate traditional Pilates mat skills, intermediate Yoga postures, and intermediate off-the-Barre Ballet exercises for improved fitness, body alignment, strength, flexibility, and coordination. There will be an emphasis on connecting breath to movement for body alignment and core stabilization purposes. This class will assist in furthering students' personal and fitness goals.

Requisites:

Advisory

[KNACT004A - Beginning Body and Barre](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Engage in traditional Pilates mat skills emphasizing body alignment and core stabilization at an intermediate level.
- 2. Utilize traditional Yoga postures and breathing techniques to create flexibility and build strength in muscles and joints at an intermediate level.
- 3. Correctly perform intermediate off-the-barre Ballet-inspired exercises to define and lengthen muscles.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

1.0

Maximum Credit Units

1.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

3.0

Activity Hours

0.0

KINES-200 Personal Health and Wellness

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course focuses on the exploration of major health issues and behaviors in the various dimensions of health. Emphasis is placed on individual responsibility for personal health and the promotion of informed, positive health behaviors. Topics include nutrition, exercise, weight control, mental health, stress management, violence, substance abuse, reproductive health, disease prevention, aging, healthcare, and environmental hazards and safety.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

CSU - General Education - Breadth Requirements:

- Area E: Lifelong Learning and Self-Development

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 4G: Interdisciplinary, Social, and Behavioral Sciences

C-ID:

- Public Health Science

Comparable course: PHS 100

Student Learning Outcomes:

- CSLO 1: Analyze attitudes, beliefs and behaviors to create plans that affect/improve personal health throughout the lifecycle. Including: stress/mental health, eating disorders, dietary planning, fitness/physical activity, weight management and disease prevention.
- CSLO 2: Distinguish the difference between personal and public health. Critically examine and solve personal health problems by identifying relevant information, evaluating alternatives, synthesizing findings and implementing effective solutions. Including: healthcare delivery systems, interpretation and evaluation of medical information with understanding and ability to communicate (oral/written) in scientific language.
- CSLO 3: Describe the 6 dimensions of health and wellness. Apply knowledge, skills, and abilities for personal growth. Including: identification of FIT principles/exercise components to improve cardio/muscular endurance, flexibility and body composition.
- CSLO 4: Identify environmental, and/or social factors which contribute to disease. Analyze the personal, economical, social and cultural factors which affect personal health. Including: prevention of violence, substance use/abuse, practices/attitudes that contribute to accidents, economy/social structure, relationships/sexuality/sexual orientation, parenthood, personal/family health.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

KNDAN-053 Introduction to Dance

Units: 1.0

[Print Page](#)

[Back to department listing](#)

Description:

This beginning dance course provides basic knowledge of performance-based dance techniques in various dance genres including jazz, modern, contemporary, hip-hop, and ballet styles. Foundational body-movement skills, step-sequences, terminology, performance qualities, and artistry are emphasized which will prepare students for further dance study at higher levels.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Correctly identify and perform beginning level non-locomotor and locomotor warm-up step-sequences and combinations in jazz, modern, contemporary, hip-hop, and ballet styles using correct technique, alignment, and musical phrasing.
- 2. Demonstrate beginning body-movement skills, step-sequences, and dance terminology with the use of different forms of Space, Time, Weight, and Energy/Flow while showing improvement in strength, stamina, muscle control, and flexibility through jazz, modern contemporary, hip-hop or ballet dance sequence.
- 3. Memorize and perform knowledge of the given jazz, modern, contemporary, hip-hop, or ballet dance combination with correct dance technique, strength and flexibility skills, alignment, musical phrasing, and artistry.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

1.0

Maximum Credit Units

1.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

3.0

Activity Hours

0.0

KNACT-020 Zumba

Units: 1.0

[Print Page](#)

[Back to department listing](#)

Description:

Feel the benefits of an aerobic format of Latin-style dances designed for cardiovascular development, muscle toning, and flexibility. This course teaches easy to follow steps, movement and choreographed routines to basic Latin dance rhythms for total body conditioning. *

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Improve cardiovascular system, tone muscles, and improve flexibility through aerobic exercises.
- 2. Demonstrate knowledge of Latin dance styles, steps, and movement.
- 3. Understand and develop long-term benefits of aerobic exercise.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

1.0

Maximum Credit Units

1.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

54.0

Activity Hours

0.0

KNACT-004C Advanced Body and Barre

Units: 1.0

[Print Page](#)

[Back to department listing](#)

Description:

This course teaches advanced level traditional Pilates mat skills, advanced Yoga postures, and advanced off-the-Barre Ballet exercises for improved fitness, body alignment, strength, flexibility, and coordination. There will be an emphasis on connecting breath to movement for body alignment and core stabilization purposes. This class will assist in furthering students' personal and fitness goals.

Requisites:**Advisory**

[KNACT004A - Beginning Body and Barre](#)

Advisory

[KNACT004B - Intermediate Body and Barre](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Engage in traditional Pilates mat skills emphasizing body alignment and core stabilization at an advanced level.
- 2. Utilize traditional Yoga postures and breathing techniques to create flexibility and build strength in muscles and joints at an advanced level.
- 3. Correctly perform advanced off-the-barre Ballet-inspired exercises to define and lengthen muscles.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

1.0

Maximum Credit Units

1.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

54.0

Activity Hours

0.0

KNACT-008B Strength and Conditioning II

Units: 1.0

[Print Page](#)

[Back to department listing](#)

Description:

This course includes intermediate instruction for students with a basic foundation in weight training principles. Topics include techniques, safety procedures, knowledge of muscle groups, equipment use, core and auxiliary lifts, lifting programs and exercise progression. This class will utilize Pneumatic Training through Keiser strength racks and cable machines.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Students will be able to demonstrate correct stretching and warm-up techniques (PSLO2).
- 2. Students will be able to correctly demonstrate beginning to intermediate level progression of weight training exercises when working out a specific muscle or muscle group. Anticipate toning, bulk, strength development, muscular endurance and apply the correct patterns (PSLO 2).
- 3. Students will be able to test and evaluate their personal strength in core lifts and apply intermediate weight training principles to improve strength in core lifts (PSLO 2).

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

1.0

Maximum Credit Units

1.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

54.0

Activity Hours

0.0

KNACT-008A Strength and Conditioning I

Units: 1.0

[Print Page](#)

[Back to department listing](#)

Description:

This course includes instruction in all elements of weight training. It will involve techniques, safety procedures, knowledge of muscle groups, equipment use, warm-up, strength and endurance training, exercise progression and improved fitness. The class will utilize state of the art training equipment including Pnumatic Training through Keiser strength racks and cable machines.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Students will be able to identify the correct stretching and warm-up techniques (PSLO 2).
- 2. Students will be able to identify the correct progression of weight training exercises when working out a specific muscle or muscle group. Anticipate toning, bulk, strength development, muscular endurance and apply the correct patterns (PSLO 2).
- 3. Students will be able to identify personal strength and fitness level, and apply weight training protocols to improve their strength in basic lifts (PSLO 2).

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

1.0

Maximum Credit Units

1.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

54.0

Activity Hours

0.0

KNACT-010A Beginning Circuit Training

Units: 1.0

[Print Page](#)

[Back to department listing](#)

Description:

Beginning Circuit Training is an exercise program designed to improve both cardiovascular strength/endurance, and muscular strength/endurance. Students will learn about the different aspects of a total fitness program, Target Heart Rates, dynamic warm-up/stretching, proper body mechanics and the major muscle groups required to perform safe and effective exercises.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Students will participate in and demonstrate an appropriate dynamic warm up and stretch for circuit training courses. (PSLO 2)
- CSLO2: Students will define and establish their own Target Heart Rate. (PSLO 2)

- CSLO3: Students will demonstrate increased cardiovascular and muscular endurance.
(PSLO 2)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

1.0

Maximum Credit Units

1.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

54.0

Activity Hours

0.0

KINES-210 Introduction to Public Health

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course provides an introduction to the discipline of Public Health. Students will gain an understanding of the basic concepts and terminologies of public health, and the history and accomplishments of public health officials and agencies. An overview of the functions of various public health professions and institutions, and an in-depth examination of the core public health disciplines is covered. Topics of the discipline include the epidemiology of infectious and chronic disease; prevention and control of diseases in the community including the analysis of the social determinants of health and strategies for eliminating disease, illness and health disparities among various populations; community organizing and health promotion programming; environmental health and safety; global health; and healthcare policy and management.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

CSU - General Education - Breadth Requirements:

- Area D: Social Sciences

CSU - General Education - Breadth Requirements:

- Area E: Lifelong Learning and Self-Development

C-ID:

- Public Health Science

Comparable course: PHS 101

Student Learning Outcomes:

- CSLO 1: Define important fundamental concepts in community and public health.

- CSLO 2: Identify different public health disciplines, professions and organizations, and explain how each contributes to the field of public health.
- CSLO 3: Describe the interplay between health determinants, such as environmental conditions, social, behavioral and cultural factors, and biological considerations, and explain the role of each in determining local, national and global health organization and policy.
- CSLO 4: Analyze current public health issues and describe how they affect societal well-being among specific populations of age, sex, ethnicity, minority, education and socioeconomic status.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

KNDAN-055 Advanced Jazz Dance

Units: 1.0

[Print Page](#)

[Back to department listing](#)

Description:

Designed for the student who has previously studied performance-based dance technique in jazz, modern, contemporary, hip-hop, or ballet styles. Emphasis is placed on advanced Jazz dance vocabulary, technique, choreography, rhythms, and appreciation of dance as a performing art form.

Requisites:

Advisory

[KNDAN053 - Introduction to Dance](#)

Advisory

[KNDAN054 - Intermediate Jazz Dance](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Correctly perform advanced level jazz technique, alignment, and rhythmic application in non-locomotor and locomotor warm-up step-sequences and combinations.
- 2. Properly execute advanced level jazz dance movement skills, step-sequences, and dance terminology with energy and dynamics of movement while showing improvement in strength, stamina, muscle control, and flexibility.

- 3. Memorize, perform, and demonstrate knowledge of historical jazz dance companies, and advanced level jazz dance choreography with correct technique, strength, flexibility, alignment, rhythmic application, and artistry.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

1.0

Maximum Credit Units

1.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

54.0

Activity Hours

0.0

KNACT-057C Advanced Yoga for Health and Fitness

Units: 1.0

[Print Page](#)

[Back to department listing](#)

Description:

This advanced level class is designed for individuals who have completed beginning and intermediate Yoga. Using advanced yoga asanas (postures), students will build upon their level of flexibility, strength, balance, and coordination. Intermediate Yoga techniques for mind-body connection and centering will include breathing and relaxation methods.

Requisites:

Advisory

[KNACT057A - Beginning Yoga for Health and Fitness](#)

Advisory

[KNACT057B - Intermediate Yoga for Health and Fitness](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Demonstrate advanced level yoga asanas (postures) and techniques.
- 2. Gain greater flexibility, muscular strength, balance, and coordination.
- 3. Develop advanced relaxation, breathing and centering yoga methods.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

1.0

Maximum Credit Units

1.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

3.0

Activity Hours

0.0

KNACT-014B Intermediate Volleyball

Units: 1.0

[Print Page](#)

[Back to department listing](#)

Description:

This course provides students with the opportunity to practice and refine the fundamental skills of volleyball including serving, blocking, digging, setting and spiking. Emphasis will be placed on the application of rules and team strategy in game settings.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Apply the appropriate rules, scoring system and procedures for a beach, 3 on 3 and 6 on 6 volleyball match. (PSLO 4)
- CSLO 2: Demonstrate the skills and techniques of serving, blocking, bumping, setting and spiking in a volleyball match. (PSLO 4)
- CSLO 3: Select the appropriate strategy for use in a given game situation. (PSLO 4)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

1.0

Maximum Credit Units

1.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

54.0

Activity Hours

0.0

KINES-098 Independent Study/Physical Education

Units: 0.5-3.0

[Print Page](#)

[Back to department listing](#)

Description:

Provides students an opportunity to design and pursue their own interests within a particular area. Projects reflecting cultural diversity and/or societal issues will be greatly encouraged. A contract must be drawn between the student and the instructor stipulating the goals of the independent study, the content, the method of approach, the estimated time involved, and the periodic evaluation to be used. Minimum 1 hour per week with instructor plus 54 hours of contracted work for each unit of credit. May not be repeated.

Requisites:

None

Course Note:

Submission of acceptable educational contract to department and Instruction Office is required.

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- Meet outcomes as specified in the approved Application for Independent Study.
- Gain knowledge and skill through the successful completion of an independent study course.
- Demonstrate and/or apply independent academic learning skills.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

0.5

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

162.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

162.0

Activity Hours

0.0

Logistics Operations Noncredit

Program Information

Certificate(s) and courses listed below.

Degrees and Certificates

[Forklift, Logistics, Operations & Warehouse Certificate of Completion](#)

Course Information

[LOGIS010N - Warehouse Operations](#)

[LOGIS012N - Forklift Operation](#)

[LOGIS013N - Forklift Operations Lab](#)

[LOGIS014N - Hazardous Materials and OSHA 10 General Industry Occupational Safety](#)

[Back to department listing](#)

Forklift, Logistics, Operations & Warehouse Certificate of Completion

Certificate of Completion (Non-Credit) (Credit)

Credits:

0 Credits

Program Length:

Recommended preparation for program is [0 semesters](#)

Transferable:

Not transferable

Credential ID:

502435

Rationale for Non-Fall Start:

No value

Submission Rationale:

- New Program

National Taxonomy:

No value

Occupational Taxonomy:

No value

The Forklift, Logistics, Operations & Warehouse (FLOW) certificate features modern warehouse operations including facilities maintenance, security, materials handling, inventory management, and productivity improvement and measurement. Materials handling includes forklift driving using modern industrial training standards and includes Occupational Safety and Health Administration (OSHA) regulations. The certificate also covers basic hazardous material handling and principles of health and safety in general industry. Certificate of Completion Pursuant to Title 5, § 55151, students completing noncredit courses in a prescribed pathway, chaptered by the Chancellor's Office, leading to improved employability or job opportunities, a Certificate of Completion may be awarded. A noncredit Certificate of Completion means a document confirming that a student has completed a noncredit educational program of noncredit courses that prepares students to progress in a career path or to take degree applicable credit courses (CCR, Title 5 §55151(h)).

Toggle

Program Requirements

Required Courses for Program (Total 0)

Complete all of the following

LOGIS010N - Warehouse Operations 0

LOGIS012N - Forklift Operation 0

LOGIS014N - Hazardous Materials and OSHA 10 General Industry Occupational Safety 0

Toggle

Recommended Sequence

Forklift, Logistics, Operations & Warehouse Certificate of Completion (NC)

Fall Semester

Credits

Required Courses for Program LOGIS010N - Warehouse Operations

0.0

Total Item

Total Value

Total Credits

0.0

Spring Semester

Credits

Required Courses for Program

Take one of the following:

LOGIS012N - Forklift Operation

0.0

LOGIS014N - Hazardous Materials and OSHA 10 General Industry Occupational Safety 0.0

Total Item	Total Value
Total Credits	0.0

Toggle

Program Outcomes

Forklift, Logistics, Operations & Warehouse Certificate of Completion (NC)

1. Explain warehouse operations and service procedures.
2. Demonstrate proper use of material handling equipment.
3. Demonstrate personal and workplace safety rules and practices.
4. Solve warehouse security and safety issues.
5. Demonstrate general warehousing procedures regarding merchandise delivery.

[Apply Now](#) [Request Info](#)

LOGIS-010N Warehouse Operations

Units: 0.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is an introduction to warehouse operations including facility location and operation, security, materials handling, inventory management, and productivity improvement and measurement.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Not transferable

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Demonstrate proper warehouse floor layouts and materials storage systems. (PSLO 1, 4, 5)
- 2. Solve warehouse safety and security issues. (PSLO 1, 3, 4)
- 3. Design warehouse cargo and materials handling procedures. (PSLO 1, 2, 5)

Grade Options:

- Pass/No Pass (P/NP)
- Satisfactory Progress (SP)

Toggle

Units and Hours**Minimum Credit Units**

0.0

Maximum Credit Units

0.0

Total Course In-Class (Contact) Hours

36.0

Course in class (contact) hours

Lecture Hours

36.0

Lab Hours

0.0

Activity Hours

0.0

LOGIS-012N Forklift Operation

Units: 0.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is designed to prepare students for employment as forklift operators. Course content covers forklift driving with training in forklift operation, workplace safety, and daily maintenance practices. Training is provided in accordance with Cal OSHA standards.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Not transferable

Repeatability:

If course is not passed then student will have to retake course to complete.

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Exhibit proper selection of lift equipment for a given task. (PSLO 2, 3, 5)
- 2. Perform lift truck operating skills utilizing basic lifting, stacking and moving maneuvers. (PLSO 2, 3, 5)
- 3. Demonstrate personal and workplace safety rules and practices. (PSLO 3, 4)

Grade Options:

- Pass/No Pass (P/NP)
- Satisfactory Progress (SP)

Toggle

Units and Hours**Minimum Credit Units**

0.0

Maximum Credit Units

0.0

Total Course In-Class (Contact) Hours

16.0

Course in class (contact) hours**Lecture Hours**

4.0

Lab Hours

12.0

Activity Hours

0.0

LOGIS-013N Forklift Operations Lab

Units: 0.0

[Print Page](#)

[Back to department listing](#)

Description:

Same as CONST-016N- This course is designed for students who want to improve their existing skills to improve their chances for employment as forklift operators. Course content covers forklift driving with training in forklift operation, workplace safety, and daily maintenance practices. Training is provided in accordance with Cal OSHA standards, with supervision from the instructor.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Not transferable

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Lab Project: Based on course textbook and handout materials students will match a variety of cargo and materials types, sizes and weights with appropriate manual or power lift equipment. Students will collaborate by working in small groups to discuss and decide on best and safety options. Final Lab Projects: Allow students to demonstrate understanding of selection of proper lifting and moving tools and equipment to optimize

warehouse storage and operations. Evaluate students' ability to apply safety rules and regulations covered in the classroom, on the forklifts.

- CSLO 2: Lab Projects: Students will demonstrate the ability to properly use material handling equipment by performing pre- and post-trip inspections of equipment, performing forklift operating skills of lifting, stacking and driving, selecting and applying maintenance procedures required for fueling/charging operations and applying material delivery procedures appropriate to the warehouse environment.
- CSLO 3 Demonstrate the ability to identify forklift capacity, explain how to maintain forklift stability, and describe forklift limitations.
- CSLO 4. Demonstrate the ability to identify forklift controls and how to use them.

Grade Options:

- Pass/No Pass (P/NP)
- Satisfactory Progress (SP)

Toggle

Units and Hours

Minimum Credit Units

0.0

Maximum Credit Units

0.0

Total Course In-Class (Contact) Hours

12.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

12.0

Activity Hours

0.0

LOGIS-014N Hazardous Materials and OSHA 10 General Industry Occupational Safety

Units: 0.0

[Print Page](#)

[Back to department listing](#)

Description:

This course covers basic hazardous material handling and principles of health and safety in general industry. Occupational Safety and Health Administration (OSHA) regulations and how they are applied to general industry work sites will be covered.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Not transferable

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Demonstrate an understanding of hazardous material handling and general industry safety principles. (PSLO 3, 4)

Grade Options:

- Pass/No Pass (P/NP)
- Satisfactory Progress (SP)

Toggle

Units and Hours

Minimum Credit Units

0.0

Maximum Credit Units

0.0

Total Course In-Class (Contact) Hours

12.0

Course in class (contact) hours

Lecture Hours

12.0

Lab Hours

0.0

Activity Hours

0.0

Management and Supervision

Program Information

Degree(s) and/or certificates and courses listed below.

Degrees and Certificates

[Management & Supervision Associate of Science Degree \(AS\)](#)

[Management & Supervision Certificate of Achievement \(COA\)](#)

Course Information

[MANGT050 - Introduction to Management](#)

[MANGT060 - Making Effective Decisions](#)

[MANGT065 - Mastering Management's Essential Tools](#)

[MANGT070 - Conflict Management, Team Development, Leadership](#)

[MANGT075 - Managing Human Resources](#)

[MANGT098 - Independent Study in Management and Supervision](#)

[MANGT170 - Occupational Work Experience Education In Management and Supervision](#)

Management & Supervision Associate of Science Degree (AS)

A.S. Degree Local

[Print Page](#)

[Back to department listing](#)

Units:

60.0 units

The Management and Supervision Program is designed to provide students with comprehensive knowledge of supervisory principles and applications, knowledge of human relations, and communication skills. The curriculum is designed to prepare students for entry level positions in management/supervision and to prepare current lead workers, first line supervisors, and middle managers for promotion to higher level positions in business, industry, government, and/or nonprofit organizations. For the Associate of Science Degree in Management and Supervision, complete 24 units of coursework listed below as well as the general education requirements. Consult a Los Medanos College counselor to develop your education plan.

Toggle

Program Learning Outcomes

- 1. Differentiate the different components of management and the necessary skills, including human resources, supervision, legal, ethical, social responsibilities of management.
- 2. Respond to critical problems faced by managers and supervisors in a diverse workplace.
- 3. Demonstrate the technical, problem solving, and soft skills needed of managers and supervisors.
- 4. Utilize effective communication skills in intercultural environments.

Toggle

Program Requirements

A.S. Degree Local

Required Courses in Major (Total 24)

Complete all of the following

[BUS059 - Business Communications](#) 3

[MANGT050 - Introduction to Management](#) 3

[MANGT060 - Making Effective Decisions](#) 3

[MANGT065 - Mastering Management's Essential Tools](#) 3

[MANGT070 - Conflict Management, Team Development, Leadership](#) 3

[MANGT075 - Managing Human Resources](#) 3

Required Courses in Major (Total 6)

Complete the following number of credits: 6

[BUS018 - Introduction to Excel](#) 3

[BUS027 - Small Business Management](#) 3

[BUS035 - Microsoft Office](#) 3

[BUS035A - Microsoft Word](#) 1.5

[BUS035B - Microsoft Excel](#) 1.5

[BUS035C - Microsoft Powerpoint](#) 1.5

[BUS058 - Business English](#) 3

[BUS109 - Introduction to Business](#) 3

[BUS294 - Business Law](#) 3

[COMSC040 - Introduction to Computer and Information Systems](#) 4

[MANGT170 - Occupational Work Experience Education In Management and Supervision](#) 0

Management & Supervision Certificate of Achievement (COA)

Certificate of Achievement

[Print Page](#)

[Back to department listing](#)

Units:

24.0 units

The Management and Supervision Program is designed to provide students with comprehensive knowledge of supervisory principles and applications, knowledge of human relations, and communication skills. The curriculum is designed to prepare students for entry level positions in management/supervision and to prepare current lead workers, first line supervisors, and middle managers for promotion to higher level positions in business, industry, government, and/or nonprofit organizations. For the Certificate of Achievement in Management and Supervision, complete the units of coursework listed below. Consult a Los Medanos College counselor to develop your education plan.

Toggle

Program Learning Outcomes

- 1. Utilize effective communication skills in intercultural environments.

- 2. Lead and motivate teams and complete projects.
- 3. Summarize measures that can be taken by individuals and organizations to respond to issues in the workplace, including legal, personnel, ethical and social.

Toggle

Program Requirements

Certificate of Achievement

Required Courses in Major (Total 24)

Complete all of the following

BUS059 - Business Communications 3

MANGT050 - Introduction to Management 3

MANGT060 - Making Effective Decisions 3

MANGT065 - Mastering Management's Essential Tools 3

MANGT070 - Conflict Management, Team Development, Leadership 3

MANGT075 - Managing Human Resources 3

Required Courses in Major (Total 6)

Complete the following number of credits: 6

BUS018 - Introduction to Excel 3

BUS027 - Small Business Management 3

BUS035 - Microsoft Office 3

BUS035A - Microsoft Word 1.5

BUS035B - Microsoft Excel 1.5

BUS035C - Microsoft Powerpoint 1.5

BUS058 - Business English 3

BUS109 - Introduction to Business 3

BUS294 - Business Law 3

COMSC040 - Introduction to Computer and Information Systems 4

MANGT170 - Occupational Work Experience Education In Management and Supervision 0

MANGT-070 Conflict Management, Team Development, Leadership

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course analyzes aspects of Human Relations in supervisory positions: Conflict, Team Development, Cultural Diversity, Leadership Development, and Etiquette in the modern workplace. Local and global perspectives are discussed as they relate to the business environment.

Requisites:**Advisory**

[MANGT050 - Introduction to Management](#)

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO #1: Identify and use a process to resolve work place conflict in order to facilitate a positive work environment. (PSLO 2)
- CSLO #2: Identify and apply the elements of team building in today's culturally diverse workplace. (PSLO 2)
- CSLO #3: Identify the critical leadership competencies and business etiquette required of today's managers needed to motivate employees and accomplish organizational goals. (PSLO 2)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

MANGT-060 Making Effective Decisions

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course encompasses three skill areas of decision-making/problem-solving and their impact: Skills for effective and timely decision-making, skills for obtaining buy-in to implement change, and skills for ensuring organizational performance accountability. Each of these skill areas is approached practically.

Requisites:**Advisory**

[MANGT050 - Introduction to Management](#)

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Identify and use the appropriate decision-making methodologies for the relevant decision to be made. (PSLO #2)
- CSLO 2: Identify and apply the skills for gaining the necessary buy-in for implementing change. (PSLO #2)
- CSLO 3: Establish and use criteria to evaluate effectiveness of decision making outcomes and processes. (PSLO #2)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

MANGT-050 Introduction to Management

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course presents a practical overview of supervision and management concepts, processes, theories, and techniques. It covers the role of the front-line manager in complying with human resource issues, obtaining successful employee relations and staff productivity, and contributing to the overall success to the organization.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Credit by Exam/Challenge:

Yes

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Describe the role and expectations of a manager at different levels within an organization. (PSLO – 2)
- CSLO 2: Apply effective management skills to review, motivate, guide and direct employee performance. (PSLO - 2)
- CSLO 3: Describe and use the methods CA businesses can use to ensure compliance with state and federal labor laws. (PSLO - 2)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

MANGT-075 Managing Human Resources

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course encompasses three separate areas of human resources: Federal and California State employment laws relating to discrimination and equal employment, recruiting and interviewing job candidates; and hiring and dismissing employees. Each of these subjects is approached from a practical perspective.

Requisites:

Advisory

[MANGT050 - Introduction to Management](#)

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Apply strategies to ensure equal opportunity and fairness by using Federal and California State historical and current employment laws as each relate to workplace practices. (PSLO 2)
- CSLO 2: Develop a strategic plan to recruit a qualified workforce using effective recruiting strategies based upon current organizational need and legal considerations. (PSLO 2)
- CSLO 3: Identify different selection interview types and recognize the legal, reliability, and validity issues and concerns with each. (PSLO 2)
- CSLO 4: Develop criteria and processes for evaluating and dismissing employees. (PSLO 2)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

MANGT-065 Mastering Management's Essential Tools

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course focuses on three distinct aspects of management tools essential in the workplace: organizational planning, total quality management, and time management. Organizational planning incorporates those essential tasks necessary for a successful business operation. A number of planning methods are explored, allowing for diversity in plan development. An introduction to the concepts surrounding total quality management including, contrasting traditional management concepts with that of total quality management; work teams and the techniques and processes utilized-communication, response, adaptation and coordination in teams. This course will assist supervisors and managers in being more effective in dealing with the demands of the modern workplace. Emphasis is placed on dealing with the time management and stress reduction.

Requisites:

Advisory

[MANGT050 - Introduction to Management](#)

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Identify the process by which managers set organizational objectives, forecast the future, and develop strategies to accomplish the objectives. (PSLO 2)
- CSLO 2: Apply the fundamental principles for building a total quality culture. (PSLO 2)
- CSLO 3: Use the time management principles and techniques to improve productivity and reduce stress. (PSLO 2)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

MANGT-180 Internship in Management and Supervision

Units: 1.0-4.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is for students who have declared a major, have taken classes in the major, and are ready for on-the-job experience in a paid or unpaid position. An internship involves working in a skilled or professional level assignment in the area of a student's vocational or academic major or field of interest. Students, with faculty and employer approval, will apply college-acquired knowledge, skills and abilities as well as acquire new learning to prepare for a career in their chosen field. Students must work 75 paid hours or 60 non-paid hours for each unit of credit earned. Students may earn a maximum of 16 units of occupational work experience internship during community college attendance which may be applied as electives toward graduation. 12 units are transferable to CSU.

Requisites:

None

Course Note:

Work Experience Education Requirements

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

Section 55253. College Credit and Repetition The amendment to Title 5 created an exception to the general rule for repetition of activity courses to allow students to take the full number of units of cooperative work experience, which would otherwise be allowed. (b) If a college offers only one course in occupational work experience in a given field and that course is not offered as a variable unit open entry/open-exit course, the district policy on course repetition adopted pursuant to section 55040 may permit a student to repeat that course any number of times so long as the student does not exceed the limits on the number of units of cooperative work experience education set forth in subdivision (a). Consistent with section 58161, attendance of a student repeating a cooperative work experience course pursuant to this subdivision may be claimed for state apportionment

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Apply professionalism and work ethic skills including personal accountability, work habits, punctuality, working productively with others, and managing time and work load.
- CSLO 2: Work in collaborative relationships with colleagues and customers and be able to work with diverse teams, negotiate, and manage conflicts.
- CSLO 3: Apply critical thinking and problem solving skills by using sound reasoning and analytical thinking as well as using knowledge, facts, and data to solve workplace problems.
- CSLO 4: Communicate thoughts and ideas clearly and effectively using public speaking skills and the ability to write clearly and effectively.
- CSLO 5: Utilize, under direct supervision, knowledge, skills and abilities acquired during prior or concurrent college course work directly related to work place responsibilities by applying appropriate Course-Level Student Learning Outcomes from a college course to the internship.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

1.0

Maximum Credit Units

4.0

Total Course In-Class (Contact) Hours

300.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

300.0

Activity Hours

0.0

MANGT-170 Occupational Work Experience Education In Management and Supervision

Units: 1.0-4.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is for students whose work is related to their major. Occupational Work Experience Education provides students with opportunities to develop marketable skills in preparation for employment or advancement within their current job. To participate in cooperative work experience education, students must be employed or formally volunteer and undertake new or expanded responsibilities. Students, with faculty and employer approval, will develop and successfully complete one learning objective for each unit of credit in which they enroll. Additionally, students must work 75 paid hours or 60 non-paid hours for each unit of credit earned. Students may earn up to 8 units per semester and may repeat for a maximum of 16 units of occupational work experience during community college attendance which may be applied as electives toward graduation.

Requisites:

None

Course Note:

Work Experience Education Requirements

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

Section 55253. College Credit and Repetition The amendment to Title 5 created an exception to the general rule for repetition of activity courses to allow students to take the full number of units of cooperative work experience, which would otherwise be allowed. (b) If a college offers only one course in occupational work experience in a given field and that course is not offered as a variable unit open entry/open-exit course, the district policy on course repetition adopted pursuant to section 55040 may permit a student to repeat that course any number of times so long as the student does not exceed the limits on the number of units of cooperative work experience education set forth in

subdivision (a). Consistent with section 58161, attendance of a student repeating a cooperative work experience course pursuant to this subdivision may be claimed for state apportionment.

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Apply professionalism and work ethic skills including personal accountability, work habits, punctuality, working productively with others, and managing time and work load.
- CSLO 2: Work in collaborative relationships with colleagues and customers and be able to work with diverse teams, negotiate, and manage conflicts.
- CSLO 3: Apply critical thinking and problem solving skills by using sound reasoning and analytical thinking as well as using knowledge, facts, and data to solve workplace problems.
- CSLO 4: Communicate thoughts and ideas clearly and effectively using public speaking skills and the ability to write clearly and effectively.
- CSLO 5: Utilize, under direct supervision, knowledge, skills and abilities acquired during prior or concurrent college course work directly related to workplace responsibilities by applying appropriate Course-Level Student Learning Outcomes from a college course to the student's place of employment.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

1.0

Maximum Credit Units

4.0

Total Course In-Class (Contact) Hours

300.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

300.0

Activity Hours

0.0

MANGT-098 Independent Study in Management and Supervision

Units: 0.5-3.0

[Print Page](#)

[Back to department listing](#)

Description:

Provides students an opportunity to design and pursue their own interests within a particular area. Provides students an opportunity to design and pursue their own interests within a particular area. Projects reflecting cultural diversity and/or societal issues will be greatly encouraged. A contract must be drawn between the student and the instructor stipulating the goals of the independent study, the content, the method of approach, the estimated time involved, and the periodic evaluation to be used. (Minimum 1 hour per week with instructor plus 54 hours of contracted work for each unit of credit.)

Requisites:

None

Course Note:

Submission of acceptable educational contract to department and Instruction Office is required.

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- Meet outcomes as specified in the approved Application for Independent Study.
- Gain knowledge and skill through the successful completion of an independent study course.
- Demonstrate and/or apply independent academic learning skills.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

0.5

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

162.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

162.0

Activity Hours

0.0

Mathematics

Program Information

Degree(s) and/or certificates and courses listed below.

Degrees and Certificates

[Mathematics Associate in Science for Transfer \(AST\)](#)

Course Information

[MATH026 - Plane Geometry](#)
[MATH027 - Pre-Statistics](#)
[MATH029 - Accelerated Elementary & Intermediate Algebra](#)
[MATH030 - Intermediate Algebra](#)
[MATH098 - Independent Study in Mathematics](#)
[MATH110 - Introduction to Statistics](#)
[MATH110S - Math Skills for Success in Statistics](#)
[MATH120 - Number Systems](#)
[MATH125 - Quantitative Reasoning](#)
[MATH140 - Applied Calculus](#)
[MATH140S - Intermediate Algebra for Applied Calculus](#)
[MATH155 - Precalculus](#)
[MATH155S - Intermediate Algebra for Precalculus](#)
[MATH160 - Discrete Math](#)
[MATH210 - Calculus and Analytic Geometry I](#)
[MATH220 - Calculus and Analytic Geometry II](#)
[MATH230 - Calculus and Analytic Geometry III](#)
[MATH240 - Differential Equations](#)
[MATH250 - Linear Algebra](#)

[Back to department listing](#)

Mathematics Associate in Science for Transfer (AST)

A.S. Degree for Transfer

[Print Page](#)

[Back to department listing](#)

Units:

60 units

The Associate in Science in Mathematics for Transfer prepares students to transfer into a curriculum at a four-year institution to pursue a baccalaureate degree in Mathematics. To earn the Associate Degree for Transfer: 1. Completion of 60 semester units or 90 quarter units of degree-applicable courses, 2. Minimum overall grade point average of 2.0, 3. Minimum grade of “C” (or “P”) for each course in the major, and 4. Completion of IGETC and/or CSU GE-Breadth Certain ADTs are based on completion of IGETC for STEM or CSU GE-Breadth for STEM.

Toggle

Program Learning Outcomes

- 1. Preparation and mathematical maturity: Be prepared for the mathematical or statistical reasoning required in upper division work in their major, including the ability to generalize mathematical concepts and comprehend increasing levels of mathematical abstraction.
- 2. Mathematical literacy: Communicate using mathematics: a. Read with comprehension documents having mathematical content and participate cogently in discussions involving mathematics; b. Clearly articulate mathematical information accurately and effectively, using a form, structure and style that suit the purpose (including written and face-to-face presentation)
- 3. Problem-solving ability: a. Reason with and apply mathematical concepts, principles and methods to solve problems or analyze scenarios in real-world contexts relevant to their major; b. Use technology effectively to analyze situations and solve problems; c. Estimate and check answers to mathematical problems in order to determine reasonableness, identify alternatives, and select optimal results.
- 4. Modeling ability: a. Construct and interpret mathematical models using numerical, graphical, symbolic and verbal representations with the help of technology where appropriate in order to draw conclusions or make predictions; b. Recognize and describe the limits of mathematical and statistical methods
- 5. Effective learning skills: a. Independently acquire further mathematical knowledge without guidance, take responsibility for their own learning, determine appropriateness and correctness of their own work and function effectively in different learning environments. b. Succeed in different learning environments, particularly in a group setting of working collaboratively with others.

Toggle

Program Requirements

A.S. Degree for Transfer
Required Courses

Required Courses for Major (Total 18 - 19)

Complete all of the following

[MATH210 - Calculus and Analytic Geometry I](#) 4

[MATH220 - Calculus and Analytic Geometry II](#) 4

[MATH230 - Calculus and Analytic Geometry III](#) 4

Required Courses for Major List A Select 1-2 Courses (Total 3)

Complete the following number of credits: 3

[MATH240 - Differential Equations](#) 3

[MATH250 - Linear Algebra](#) 3

Required Courses for Major List B Select 1 Course (Total 3 - 4)

Complete the following number of credits: 3-4

[COMSC044 - Introduction to C++ Programming](#) 3

[COMSC132 - Programming Concepts & Methodologies II](#) 3

[ENGIN020 - Programming With C++ for Engineers and Scientists](#) 4

[MATH110 - Introduction to Statistics](#) 4

[MATH160 - Discrete Math](#) 4

[PHYS040 - Physics for Scientists and Engineers I](#) 4

MATH-140S Intermediate Algebra for Applied Calculus

Units: 2.0

[Print Page](#)

[Back to department listing](#)

Description:

Intermediate Algebra for Applied Calculus covers the algebra skills and concepts needed for success in applied calculus computations and applications. This course is for business and science majors who are concurrently enrolled in Applied Calculus (Math 140) at Los Medanos College. Students will review and learn about function properties, exponent rules, factoring, operations on rational and radical functions, linear functions, exponential functions, logarithm functions, quadratic and polynomial functions, composite functions, inverse functions, Pythagorean Theorem, and basic geometry. Students will use graphing technology to verify solutions. Students will develop mathematical problem solving processes and study skills that promote success in Applied Calculus (Math 140).

Requisites:

Co-Requisite

[MATH140 - Applied Calculus](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Not transferable

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Use a problem solving process to read applied calculus texts and problems with understanding, extract relevant information, identify variables, execute relevant algebra and geometry calculations, and interpret the results in the context of the application or scenario. (PSLO 1, 3 & 4)
- CSLO 2: Demonstrate relevant algebra and geometry skills in the context of calculus formulas and calculations, check answers using technology, and interpret results in the context of the application or scenario. (PSLO 1, 2, 3 & 4)
- CSLO 3: Construct tables and graphs of functions using appropriate function family properties, basic geometry, and graphing technology in applied calculus contexts. (PSLO 1, 2 & 4)
- CSLO 4: Use properties of functions and algebraic properties to manipulate algebraic expressions and equations in service of evaluating and simplifying derivative formulas, rates of change, tangent line equations, and integral formulas. (PSLO 1, 2 & 4)
- CSLO 5: Develop study habits that promote success in applied calculus, such as the use of reading and metacognitive strategies to improve understanding and performance. (PSLO 5)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

2.0

Maximum Credit Units

2.0

Total Course In-Class (Contact) Hours

64.0

Course in class (contact) hours

Lecture Hours

32.0

Lab Hours

32.0

Activity Hours

0.0

MATH-027 Pre-Statistics

Units: 4.0

[Print Page](#)

[Back to department listing](#)

Description:

MATH-027 is a four-unit lecture/lab Pre-statistics course designed to be an intensive course that prepares students to learn introductory descriptive statistics through a series of projects and collaborative activities. Topics include working with numerical information (fractions, decimals, percentages), evaluating expressions related to statistical formulas, graphical and numerical descriptive statistics for quantitative and categorical data, including two-way tables and linear regression, and an introduction to the normal distribution. There is a focus on reading, writing, and critical thinking skills needed for college statistics. This course is appropriate for students who do not plan to major in math, science, computer science, business, technology, engineering, and calculus intense fields in the social sciences.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Not transferable

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: produce a coherent and well-reasoned descriptive analysis of data, based on numerical and graphical representations, to answer a research question. (PSLOS 1, 2, 3, 4) (GE SLO5)
- CSLO 2: Distinguish between observational studies and experiments and identify studies for which a cause-and-effect conclusion is appropriate. (PSLOS 3, 4) (GE SLO5)
- CSLO 3: demonstrate numerical, algebraic, and geometric reasoning skills to support statistical analysis. (PSLOS 1, 2, 3, 4) (GE SLO5)
- CSLO 4: construct, use, and interpret mathematical models, specifically linear models to represent relationships in quantitative data and normal probability models to identify unusual events for a quantitative variable. (PSLOS 1, 2, 3, 4) (GE SLO5)
- CSLO 5: use effective learning strategies for success in college. (PSLO 5) (GE SLO5)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

4.0

Maximum Credit Units

4.0

Total Course In-Class (Contact) Hours

108.0

Course in class (contact) hours

Lecture Hours

64.0

Lab Hours

44.0

Activity Hours

0.0

MATH-030 Intermediate Algebra

Units: 4.0

[Print Page](#)

[Back to department listing](#)

Description:

Math 30 is an intermediate algebra course with focus on linear, quadratic, exponential, and logarithmic functions. Each family of functions will be investigated from multiple perspectives that include tabular, graphical, symbolic, and verbal forms. Students will develop proficient skills in communication of mathematics, problem-solving, use of multiple representations, and effective learning skills. Math 30 is part of the LMC Developmental Math Program. A graphing calculator or graphing software is required.

Requisites:

Advisory

Recommended completion of elementary algebra (C or better) **Advisory**

[MATH020N - Algebra & Arithmetic Skills](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Not transferable

Repeatability:

None

General Education:**LMC Standard AA/AS - General Education Requirements:**

- LR: Language and Rationality

Student Learning Outcomes:

- CSLO 1: Mathematical Reasoning and Problem-Solving MATH-030 students will be able to use mathematical reasoning and a generalized problem solving process (e.g., Polya's problem solving process) to solve problems that differ in context from course problems, including the explicit identification of extraneous information and necessary assumptions, as well as the interpretation of answers within context. (PSLO 1)
- CSLO 2: Multiple Representations MATH-030 students will be able to create and use tables, graphs, and equations to solve problems involving linear systems, exponential, logarithmic and quadratic relationships, using technology to evaluate expressions, create tables, graphs, and equations, model relationships, and verify solutions. (PSLO 2)
- CSLO 3: Communication of Intermediate Algebraic Concepts MATH-030 students will be able to synthesize critical information from a variety of sources, and they will be able to communicate in writing problem solving processes, knowledge of concepts underlying these processes, examples that illustrate concepts, and interpret concepts in context (e.g. the zeros of a quadratic function or an exponential growth or decay factor). (PSLO 3)
- CSLO 4: Skills and Applications MATH-030 students will be able to recognize and apply intermediate algebraic concepts in a variety of relevant settings and demonstrate the skills and knowledge necessary to succeed in subsequent courses; students will demonstrate mastery of procedural skills without the use of calculators, and they will demonstrate proficiency of other skills in the context of problem solving as described in CSLOs 1, 2, and 3. [See assessment criteria for the lists of mastery and proficiency skills.] (PSLO 4)
- CSLO5: Effective Learning MATH-030 students will be able to demonstrate characteristics of responsible students, use resources that support their learning and performance, assess their own learning process and performance, and articulate their educational goals. (PSLO 5)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

4.0

Maximum Credit Units

4.0

Total Course In-Class (Contact) Hours

108.0

Course in class (contact) hours

Lecture Hours

64.0

Lab Hours

44.0

Activity Hours

0.0

MATH-110S Math Skills for Success in Statistics

Units: 2.0

[Print Page](#)

[Back to department listing](#)

Description:

Math Support for Statistics is for students concurrently enrolled in Math 110. In Math Support for Statistics, students will review algebraic, geometric, and arithmetic procedures and concepts that underlie statistical formulas and concepts, do hands-on activities that promote a deeper understanding of statistical ideas, and practice reading skills and other study skills that promote success in Math 110.

Requisites:

Co-Requisite

[MATH110 - Introduction to Statistics](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Not transferable

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Use a statistical problem solving process: read statistical texts and problems with understanding, extract relevant information, identify variables, execute relevant statistical procedures and interpret the results in the context of the data or scenario. (PSLO 1, 3 & 4)
- CSLO 2: In the context of using statistical formulas and methods, demonstrate relevant arithmetic and algebraic skills and interpret results in the context of the data or scenario. (PSLO 1, 2, 3 & 4)
- CSLO 3: Approximate areas under curves or histograms, use technology and geometric reasoning to find area under a normal curve, and interpret these areas as probabilities. (PSLO 1, 2 & 3)
- CSLO 4: Explain statistical thinking and concepts related to statistical inference using hands-on demonstrations, simulations or applets, and apply to the normal distribution or other mathematical models of sampling distributions. (PSLO 1, 2 & 3)
- CSLO 5: Draw appropriate conclusions from statistical analysis, use statistical vocabulary accurately, and identify common misinterpretations in the use of statistics.
- CSLO 6: Develop study habits that promote success in statistics, such as the use of reading and metacognitive strategies to improve understanding and performance. (PSLO 5)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

2.0

Maximum Credit Units

2.0

Total Course In-Class (Contact) Hours

64.0

Course in class (contact) hours

Lecture Hours

32.0

Lab Hours

32.0

Activity Hours

0.0

MATH-155S Intermediate Algebra for Precalculus

Units: 2.0

[Print Page](#)

[Back to department listing](#)

Description:

Intermediate Algebra for Precalculus covers the algebra skills and concepts needed for success in Precalculus computations and applications. This course is for students who are concurrently enrolled in Precalculus (Math 155) at Los Medanos College. Students will review and learn about function properties, exponent rules, factoring, operations on rational and radical functions, absolute value equations, circle equations, inequalities, linear functions, exponential functions, logarithm functions, quadratic and polynomial functions, composite functions, inverse functions, Pythagorean Theorem, and basic right triangle geometry. Students will use graphing technology to verify solutions. Students will develop mathematical problem solving processes and study skills that promote success in Precalculus (Math 155).

Requisites:

Co-Requisite

[MATH155 - Precalculus](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Not transferable

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Use a problem solving process to read Precalculus texts and problems with understanding, extract relevant information, identify variables, execute relevant algebra and geometry calculations, and interpret the results in the context of the application or scenario. (PSLO 1, 3 & 4)
- CSLO 2: Demonstrate relevant algebra and geometry skills in the context of Precalculus formulas and calculations, check answers using technology, and interpret results in the context of the application or scenario. (PSLO 1, 2, 3 & 4)
- CSLO 3: Construct tables and graphs of functions using appropriate function family properties, basic geometry, and graphing technology skills in Precalculus contexts. (PSLO 1, 2 & 4)
- CSLO 4: Use properties of functions and algebraic properties to manipulate algebraic expressions and equations in service of evaluating and simplifying circles and, linear, quadratic, polynomial, exponential, logarithmic, trigonometric, composite, inverse, radical, and rational functions. (PSLO 1, 2 & 4)
- CSLO 5: Develop study habits that promote success in Precalculus, such as the use of reading and metacognitive strategies to improve understanding and performance. (PSLO 5)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

2.0

Maximum Credit Units

2.0

Total Course In-Class (Contact) Hours

64.0

Course in class (contact) hours**Lecture Hours**

32.0

Lab Hours

32.0

Activity Hours

0.0

MATH-220 Calculus and Analytic Geometry II

Units: 4.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is the second of the three semester calculus sequence. The course extends the ideas of the previous course to further development of the derivative and the anti-derivative of a function; techniques of integration; improper integrals; calculus with polar and parametric equations; realistic applications to various fields; basic differential equations and their solutions; infinite sequences and series; and series approximation of functions. This course is intended for students in mathematics, science and engineering majors. Use of a mathematical software package or graphing calculator required.

Requisites:

Prerequisite

[MATH210 - Calculus and Analytic Geometry I](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

LMC Standard AA/AS - General Education Requirements:

- LR: Language and Rationality

CSU - General Education - Breadth Requirements:

- Area B4: Mathematics/Quantitative Reasoning

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 2: Mathematical Concepts and Quantitative Reasoning

C-ID:

- Mathematics

Comparable course: MATH 220

Student Learning Outcomes:

- Calculus Literacy (PSLOS 1, 2 and 5) CSLO 1: Comprehend and articulate generalized concepts of integral calculus and introductory differential equations, evaluate both their own mathematical conclusions and those of classmates, and justify their reasoning by citing topics from the course content and using appropriate calculus language.
- Strategies for finding the anti-derivative of functions (PSLOS 2, 3, and 4) CSLO 2: Evaluate definite and indefinite integrals using a variety of integration formulas and techniques. (GESLO 5)
- Applications of Problem Solving (PSLO 3) CSLO 3: Apply integration to areas and volumes, and other applications such as work or length of a curve. (GESLO 5)
- Integrating at infinity and asymptotes (PSLOS 3 and 4) CSLO 4: Evaluate improper integrals;
- Modeling with Sequences and Series (PSLOS 2, 3 and 4) CSLO 5: Apply convergence tests to sequences and series;
- Modeling with Power Series (PSLOS 3 and 4) CSLO 6: Represent functions as power series;
- Translations to polar and parametric (PSLOS 3 and 4) CSLO 7: Graph, differentiate and integrate functions in polar and parametric form.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

4.0

Maximum Credit Units

4.0

Total Course In-Class (Contact) Hours

108.0

Course in class (contact) hours

Lecture Hours

64.0

Lab Hours

44.0

Activity Hours

0.0

MATH-230 Calculus and Analytic Geometry III

Units: 4.0

[Print Page](#)

[Back to department listing](#)

Description:

Math 230 is an extension of differential and integral calculus and coordinate geometry to functions of more than one variable. Topics include: Vectors in two and three dimensions; vector valued functions; analytic geometry of three dimensions; calculus of functions of more than one variable, partial differentiation, multiple integrals, line and surface integrals; Green's Theorem, Stokes' Theorem, Divergence Theorem, and applications to various fields. This course is intended for students in mathematics, science and engineering majors. Use of a mathematical software package or graphing technology is required.

Requisites:

Prerequisite

[MATH220 - Calculus and Analytic Geometry II](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

LMC Standard AA/AS - General Education Requirements:

- LR: Language and Rationality

CSU - General Education - Breadth Requirements:

- Area B4: Mathematics/Quantitative Reasoning

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 2: Mathematical Concepts and Quantitative Reasoning

C-ID:

- Mathematics

Comparable course: MATH 230

Student Learning Outcomes:

- Calculus Literacy (PSLOS 1, 2 and 5) CSLO 1: Students will be able to articulate the concepts of multivariate calculus, justify claims by citing course concepts, and evaluate both their own mathematical conclusions and those of classmates.
- Vectors and the Geometry of Space (PSLOS 2, 3 and 4) CLSO 2: Students will be perform vector operations in two and three dimensional space and demonstrate an understanding of coordinate systems in three dimensional space, as well as determining equations of lines and planes.
- Multi-Dimensional Generalization (PSLOS 1, 2 and 5) CSLO 3: Students will analyze and apply the mathematical concepts that arise when generalizing from two dimensions to three or higher and interpret how these concepts arise from the increased complexity associated with these generalizations, including: finding equations of tangent planes at a point, finding the limit of a function at a point, determining differentiability, evaluating derivatives, finding local extrema and testing for saddle points, or evaluating two and three dimensional integrals
- Representation and Problem Solving (PSLOS 2, 3, and 4) CSLO 4: Given functions of multiple variables in different representations, students will be able to select and apply appropriate strategies to solve problems in multiple dimensions, and use technology and other independent representations to verify the accuracy of their solutions (GESLO 5)
- Calculus Applications and Analysis (PSLOS 3, 4 and 5) CSLO 5: Students will be able to apply multi-dimensional and vector calculus concepts to create and justify appropriate models of realistic (including scientific) scenarios, and determine the appropriate contextual interpretation and plausibility of their solutions, including: computing arc length, finding divergence and curl, applying Green's, Stokes' and divergence theorems, solving constraint problems using Lagrange multipliers.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

4.0

Maximum Credit Units

4.0

Total Course In-Class (Contact) Hours

108.0

Course in class (contact) hours

Lecture Hours

64.0

Lab Hours

44.0

Activity Hours

0.0

MATH-240 Differential Equations

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

A study of various methods for solution of ordinary differential equations using analytical methods (such as separation of variables, LaPlace transforms, variations of parameters, undetermined coefficients), graphical methods (such as slope fields, directions fields and phase plane analysis) and numerical methods.

Requisites:**Prerequisite**

[MATH220 - Calculus and Analytic Geometry II](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:**LMC Standard AA/AS - General Education Requirements:**

- LR: Language and Rationality

CSU - General Education - Breadth Requirements:

- Area B4: Mathematics/Quantitative Reasoning

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 2: Mathematical Concepts and Quantitative Reasoning

C-ID:

- Mathematics

Comparable course: MATH 240

Student Learning Outcomes:

- CSLO 1: Differential Equations Literacy Students will be able to read and articulate the concepts of ordinary differential equations to evaluate both the qualitative and quantitative aspects of their own mathematical conclusions, to present and interpret their solutions in writing or verbally as appropriate.
- CSLO 2: Representation and Problem Solving Given a differential equation or systems of differential equations, students will be able to classify the equation(s), and justify those classifications, and solve them graphically, numerically and analytically unless a particular solution method is not possible.
- CSLO 3: Differential Applications and Analysis Students will be able to apply first and second order ordinary differential equation concepts to create appropriate models from real

data and scientific scenarios, and appropriately interpret results obtained from these models in context and use other independent means (qualitative/quantitative) to ascertain the plausibility of these results.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

90.0

Course in class (contact) hours

Lecture Hours

48.0

Lab Hours

42.0

Activity Hours

0.0

MATH-250 Linear Algebra

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course develops the techniques and theory needed to solve and classify systems of linear equations. Solution techniques include row operations, Gaussian elimination, and matrix algebra. Investigates the properties of vectors in two and three dimensions, leading to the notion of an abstract vector space. Vector space and matrix theory are presented including topics such as inner products, norms, orthogonality, eigenvalues, eigenspaces, and linear transformations. Selected applications of linear algebra are included.

Requisites:

Prerequisite

[MATH220 - Calculus and Analytic Geometry II](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

LMC Standard AA/AS - General Education Requirements:

- LR: Language and Rationality

CSU - General Education - Breadth Requirements:

- Area B4: Mathematics/Quantitative Reasoning

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 2: Mathematical Concepts and Quantitative Reasoning

C-ID:

- Mathematics

Comparable course: MATH 250

Student Learning Outcomes:

- CSLO 1: Linear Systems Model situations with systems of linear equations, and find solutions of systems of equations using various methods appropriate to lower division

linear algebra, including Gaussian and Gauss-Jordan elimination and inverse matrices. (PSLOs 3, 4; C-ID CO 1)

- CSLO 2: Linear Algebra Reasoning Find and use bases, orthonormal bases, eigenvalues, and eigenvectors to solve problems and analyze scenarios in real-world contexts and in linear algebra. (PSLO 3; C-ID CO 2, 4)
- CSLO 3: Dimensionality Find the dimension of spaces such as those associated with matrices and linear transformations, and explain the significance of these spaces and their dimensions. (PSLOs 1, 2, 3; C-ID CO 3)
- CSLO 4: Proofs Prove basic results in linear algebra using appropriate proof-writing techniques such as linear independence of vectors; properties of subspaces; linearity, injectivity and surjectivity of functions (one-to-one and onto functions and transformations); and properties of eigenvectors and eigenvalues. (PSLOs 1, 2; C-ID CO 5)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

90.0

Course in class (contact) hours

Lecture Hours

48.0

Lab Hours

42.0

Activity Hours

0.0

MATH-029 Accelerated Elementary & Intermediate Algebra

Units: 7.0

[Print Page](#)

[Back to department listing](#)

Description:

Math 29 is an accelerated Elementary and Intermediate Algebra equivalent to both Math 25 and Math 30. This course focuses on proportional reasoning and linear, quadratic, exponential, and logarithmic functions. Students will investigate algebra concepts from multiple perspectives including tables, graphs, symbolic forms with variables, and written descriptions. Students will develop proficient skills in communication of mathematics, problem-solving, use of multiple representations, effective learning skills and learning to apply Algebra to analyze and solve real-life problems takes time and effort. A graphing calculator is required.

Requisites:

Advisory

Pre-Algebra or proficiency solving proportions, calculating with decimals, fractions, and negative numbers.

Course Note:

None

Enrollment Limitation:

None

Transferable:

Not transferable

Repeatability:

None

General Education:

LMC Standard AA/AS - General Education Requirements:

- LR: Language and Rationality

Student Learning Outcomes:

- CSLO1: Use mathematical reasoning and a generalized problem solving process (e.g., Polya's problem solving process) to solve Elementary and Intermediate Algebra problems, including the explicit identification of extraneous information and necessary assumptions, as well as the interpretation of solutions within context.
- CSLO 2: Create and use tables, graphs, and equations to solve problems involving proportional reasoning, linear functions, linear systems, exponential, logarithmic and quadratic functions, using technology to evaluate expressions, create tables, graphs, and equations, model relationships, and verify solutions.
- CSLO 3: Synthesize critical information from a variety of sources, and communicate in writing problem solving processes, knowledge of the Elementary and Intermediate Algebra concepts underlying these processes, examples that illustrate concepts, and interpret concepts in context.
- CSLO 4: Recognize and apply Elementary and Intermediate Algebra concepts in a variety of relevant settings and demonstrate the skills and knowledge necessary to succeed in transfer math courses; students will demonstrate mastery of procedural skills without the use of calculators, and demonstrate proficiency of other skills in the context of problem solving.
- CSLO 5: Demonstrate characteristics of responsible students, use resources that support their learning and performance, assess their own learning process and performance, and articulate their educational goals.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

7.0

Maximum Credit Units

7.0

Total Course In-Class (Contact) Hours

162.0

Course in class (contact) hours**Lecture Hours**

120.0

Lab Hours

42.0

Activity Hours

0.0

MATH-140 Applied Calculus

Units: 4.0

[Print Page](#)

[Back to department listing](#)

Description:

An introduction to the theory of calculus with applications to problems in business, economics, biology, social and life sciences. Mathematical models will be applied to these fields and problem solving will be emphasized. Topics include: problem solving; modeling; functions; differential calculus; exponential and logarithmic functions; and an introduction to the concepts of integration. Use of a mathematical software package or graphing calculator required.

Requisites:

Prerequisite

[MATH030 - Intermediate Algebra](#)

Prerequisite

[MATH029 - Accelerated Elementary & Intermediate Algebra](#)

Co-Requisite

[MATH140S - Intermediate Algebra for Applied Calculus](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:**LMC Standard AA/AS - General Education Requirements:**

- LR: Language and Rationality

CSU - General Education - Breadth Requirements:

- Area B4: Mathematics/Quantitative Reasoning

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 2: Mathematical Concepts and Quantitative Reasoning

Student Learning Outcomes:

- Calculus Literacy (PSLO 2) CSLO 1: Read a publication that involves calculus concepts, critique calculus based studies to make informed judgments, and defend their reasoning in writing by citing topics from the course content and using appropriate calculus language.
- Applications to Business and Science (PSLOS 3 and 4) CSLO 2: Apply calculus concepts to analyze marginal cost, profit, and revenue; determine maxima and minima in optimization problems; and integrate to solve business, economics and science applications.
- Graphical Representation (PSLOS 3 and 4) CSLO 3: Use differential or integral calculus to graph functions and study the behavior of functions. Sketch the graph of functions using horizontal and vertical asymptotes, intercepts, and first and second derivatives to determine intervals where the function is increasing and decreasing, maximum and minimum values, intervals of concavity and points of inflection. Use a graphical approach to estimate areas under curves or definite integrals.
- Derivative Analysis (PSLOS 1, 2, 3 and 5) CSLO 4: Find the derivatives of polynomial, rational, exponential, logarithmic, and power functions, and the derivatives of functions involving constants, sums, differences, products, quotients, and the chain rule; find rates of change and tangent lines; use the results to develop informed conclusions; and have strategies for evaluating mathematical conclusions.
- Integral Analysis (PSLOS 1, 2, 3 and 5) CSLO 5: Find definite and indefinite integrals by using the general integral formulas, integration by substitution, and other integration techniques; use the results to develop informed conclusions; and have strategies for evaluating mathematical conclusions.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

4.0

Maximum Credit Units

4.0

Total Course In-Class (Contact) Hours

108.0

Course in class (contact) hours**Lecture Hours**

64.0

Lab Hours

44.0

Activity Hours

0.0

MATH-110 Introduction to Statistics

Units: 4.0

[Print Page](#)

[Back to department listing](#)

Description:

A first course in statistics with an introduction to descriptive statistics (measures of central tendency, variability, standard graphical representations of data distributions, correlation and linear regression), sampling design for reliable data production via experiments and surveys, sampling distributions, tests of significance and confidence intervals, probability as it relates to inference, applications using data from a broad range of disciplines. Use of a statistical software package or graphing calculator required. Reading/Writing sample assignments added.

Requisites:**Prerequisite**

Intermediate algebra or higher; or placement process.

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:**LMC Standard AA/AS - General Education Requirements:**

- LR: Language and Rationality

CSU - General Education - Breadth Requirements:

- Area B4: Mathematics/Quantitative Reasoning

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 2: Mathematical Concepts and Quantitative Reasoning

Student Learning Outcomes:

- Statistical Literacy (PSLOS 1 and 2) CSLO 1: Based on statistical reasoning and supported by critical thinking, students should be able to read and critique simple statistics-based studies in order to make an informed judgment on the reliability of the statistical presentation or argument.
- Data Production CSLO 2: Students should be able to apply the basic principles of study design to develop and analyze the validity of simple experiments and sampling plans related to a given situation and goal.
- Data Exploration and Representation (PSLOS 2, 3, and 4) CSLO 3: Students will be able to examine raw data using graphical, tabular, and analytical exploratory tools in order to investigate and describe patterns in data with the goal of describing shape, center, and spread within a quantitative data set, making comparisons among data sets, and looking for relationships between data sets.
- Modeling and Inference (PSLOS 1, 3 and 4) CSLO 4: Students will analyze data to identify an appropriate statistical model, use technology to perform statistical tests or find confidence intervals, explain the concepts underlying inference, and interpret results in a context. Students will also use correlation coefficients and scatterplots to determine if a linear regression model is appropriate, then find, use, and interpret linear regression models when appropriate.
- The Role of Probability in Inference (PSLOS 1 and 2) CSLO 5: Students will be able to explain in layman's terms how variability and probability are connected to statistical inference, as well as be able to interpret and apply basic laws and concepts of probability to sampling distributions.

Grade Options:

- Pass/No Pass (P/NP)

- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

4.0

Maximum Credit Units

4.0

Total Course In-Class (Contact) Hours

108.0

Course in class (contact) hours

Lecture Hours

64.0

Lab Hours

44.0

Activity Hours

0.0

MATH-155 Precalculus

Units: 4.0

[Print Page](#)

[Back to department listing](#)

Description:

Math-155 is an in-depth study of functions and their usefulness in mathematical modeling. Functions are approached numerically, graphically, symbolically, and verbally. Families of functions studied include: linear, quadratic, exponential, logarithmic, trigonometric, power, polynomial, and rational. Additional function topics: rate of change, concavity, domain/range, function transformation/combination, inverse functions, and asymptotic behavior of functions. Algebraic skills are further

developed. This course is primarily intended to prepare students for calculus but may also serve as an advanced course for students not intending to continue with calculus.

Requisites:

Prerequisite

Intermediate Algebra and Geometry, or higher; or placement process

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

LMC Standard AA/AS - General Education Requirements:

- LR: Language and Rationality

CSU - General Education - Breadth Requirements:

- Area B4: Mathematics/Quantitative Reasoning

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 2: Mathematical Concepts and Quantitative Reasoning

Student Learning Outcomes:

- CSLO 1: Pre-calculus literacy Students will be able to understand written examples and explanations of pre-calculus concepts, and explain what they have read verbally and in writing using appropriate mathematical language and concepts. (PSLOs 1, 2 and 5)
- CSLO 2: Functions and Their Representations Students will be able to solve a given problem using different representations of functions; Students will construct, analyze, and use linear, exponential, logarithmic, rational, polynomial, and sinusoidal functions, in symbolic, numerical, and graphical form, to investigate concepts and solve problems. (PSLOs 1 and 4)
- CSLO 3: Functions and Modeling Students will be able to identify an appropriate type of function to model a situation, and to find a specific function to model the situation in order to solve problems; Students will also be able to identify the key aspects of the function

(e.g. function values, zeros) that will allow them to solve the problem and to interpret the meaning of these features in context. (PSLOs 1, 3 and 4)

- CSLO 4: Effective learning Students will be able to effectively work with peers in order to solve problems, revise their work, and develop understanding of course concepts; Students will take responsibility for learning and self-assessment. (PSLO 5)
- CSLO 5: Technology Students will be able to use the computational, tabular, graphical, and regression functions of a graphing calculator, computer algebra system or the equivalent to solve problems and investigate concepts; Students will also understand the limitations of the use of technology. (PSLO 3 and 4)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

4.0

Maximum Credit Units

4.0

Total Course In-Class (Contact) Hours

108.0

Course in class (contact) hours

Lecture Hours

64.0

Lab Hours

44.0

Activity Hours

0.0

MATH-120 Number Systems

Units: 4.0

[Print Page](#)

[Back to department listing](#)

Description:

MATH-120 is designed for prospective multiple subjects credential candidates. Emphasis is on understanding concepts and operations with whole numbers, fractions, and decimals through multiple representations. Problem solving strategies, numeration systems, and elementary number theory are emphasized in relevant contexts. Common Core math standards are also studied.

Requisites:

Advisory

[MATH029 - Accelerated Elementary & Intermediate Algebra](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

LMC Standard AA/AS - General Education Requirements:

- LR: Language and Rationality

C-ID:

- Mathematics

Comparable course: MATH 120

CSU - General Education - Breadth Requirements:

- Area B4: Mathematics/Quantitative Reasoning

Student Learning Outcomes:

- Mathematical Literacy and Communication (PSLOs 1 and 2) CSLO 1: Read with comprehension and articulate verbally and in writing examples and explanations of mathematical concepts relevant for elementary mathematics education using formal mathematical terminology and notation. (GESLO 5)
- Elementary Mathematics Content Standards (PSLOs 2 and 3) CSLO 2: Describe, explain, and create examples of relevant Common Core Content Standards and use standards to analyze, critique, and create activities appropriate for elementary students.
- Representations of Number Concepts and Processes (PSLOs 2, 3 and 4) CSLO 3: Model concepts and processes using multiple representations (e.g., area models of fractions versus ratio notation) and use key aspects of representations to perform operations and justify relationships and algorithms. (GESLO 5)
- Standards for Mathematical Practice (PSLOs 1, 3 and 4) CSLO 4: Demonstrate an understanding of the meaning of the Common Core Standards for Mathematical Practice and how they apply to elementary mathematics education, and one's own development as a learner.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

4.0

Maximum Credit Units

4.0

Total Course In-Class (Contact) Hours

108.0

Course in class (contact) hours

Lecture Hours

64.0

Lab Hours

44.0

Activity Hours

0.0

MATH-125 Quantitative Reasoning

Units: 4.0

[Print Page](#)

[Back to department listing](#)

Description:

Quantitative Reasoning is designed for students in arts and humanities majors. This course explores mathematical modeling and problem solving in real life contexts, including unit conversions, statistics, the mathematics of finance, and voting and apportionment.

Requisites:

None

Course Note:

Advisory: Students enrolling in this course should have familiarity with: real number arithmetic; using calculators for expressions such as square roots; fractions, decimals, and percents; using number lines; estimations; using linear and quadratic equations to find values

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

LMC Local AA/AS - General Education Requirements:

- LR: Language and Rationality

Student Learning Outcomes:

- CSLO 1: Mathematical Literacy and Communication (PSLOs 1 and 2) Read with understanding examples and explanations of mathematical concepts, articulate understanding of concepts, and construct and critique mathematical arguments, using appropriate mathematical language and notation.

- CSLO 2: Problem solving strategies (PSLO 3) Use a general problem solving process to understand, analyze, plan, and reflect on problems, both contextualized (real and realistic situations) and decontextualized. (general mathematical concepts).
- CSLO 3: Mathematical modeling (PSLOs 1 and 4) Model real and realistic situations in order to analyze and make decisions involving quantitative information; they will use appropriate tools in modeling, calculating, and decision making about data.
- CSLO 4: Effective learning strategies (PSLO 5) Effectively work with peers in order to solve problems, revise their work, and develop understanding of course concepts; Students will take responsibility for learning and self-assessment.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

4.0

Maximum Credit Units

4.0

Total Course In-Class (Contact) Hours

108.0

Course in class (contact) hours

Lecture Hours

64.0

Lab Hours

44.0

Activity Hours

0.0

MATH-026 Plane Geometry

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

Plane geometry focuses on the study of lines, angles, triangles, quadrilaterals, polygons, circles and solids and spheres. Furthermore, additional topics include perimeter, area, surface area, volume, Pythagorean Theorem, congruence, similarities, proofs and logical explanation, geometric constructions, (using a compass, straightedge, protractor, and ruler), right-triangle trigonometry concepts (trigonometric ratios and finding missing side or angle of a right-triangle). Students are encouraged to work cooperatively in small groups with the professor acting as facilitator. Directed discussions are held using creative problem-solving and discovery-type approach to learning geometric concepts, theory and application to solving practical problems. This course is ideal as a review as well a first course in geometry, and preparation for study of more advanced math such as pre-calculus and trigonometry. This course satisfies the math requirement for an associate degree.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Not transferable

Repeatability:

None

General Education:

LMC Local AA/AS - General Education Requirements:

- LR: Language and Rationality

Student Learning Outcomes:

- Communication Synthesize critical information from a variety of sources and communicate verbally and in writing problem solving processes, logical arguments, and comprehension of the theorems and definitions that support these processes. (PSLO 3)

- Problem Solving Apply mathematical reasoning and a generalized problem solving process (e.g. Polya's problem solving process) to solve application problems and to create valid logical arguments based upon an axiomatic system to prove statements involving geometric relationships. (PSLO 1)
- Multiple Representation Use geometric figures and verbal, numerical, and symbolic representations to represent, and solve geometry problems and to prove geometric relationships. (PSLO 2)
- Effective Learner Demonstrate the characteristics of responsible students, utilize resources that support their learning, retention, performance, and self-evaluation, and organize the wide range of geometric facts, concepts, and vocabulary in a meaningful, useful, and practical way. (PSLO 5)
- Application of Concepts in a Variety of Settings Recognize the applicability and generalization of geometry in non-academic settings (e.g. developing logical arguments and analyzing spatial relationships), and demonstrate the appropriate geometric procedural skills to solve application problems. (PSLO 4)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

90.0

Course in class (contact) hours

Lecture Hours

48.0

Lab Hours

42.0

Activity Hours

0.0

MATH-210 Calculus and Analytic Geometry I

Units: 4.0

[Print Page](#)

[Back to department listing](#)

Description:

Math-210 is an introduction to differential and integral calculus and coordinate geometry. Topics include: functions, limits, and continuity; techniques and applications of differentiation; an introduction to integration; the Fundamental Theorem of Calculus. This course is intended for students in mathematics, science and engineering majors. Use of a mathematical software package or graphing calculator is required.

Requisites:

Prerequisite

[MATH155 - Precalculus](#)

Prerequisite

[MATH155 - Precalculus](#)

Prerequisite

[MATH155S - Intermediate Algebra for Precalculus](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

LMC Standard AA/AS - General Education Requirements:

- LR: Language and Rationality

CSU - General Education - Breadth Requirements:

- Area B4: Mathematics/Quantitative Reasoning

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 2: Mathematical Concepts and Quantitative Reasoning

C-ID:

- Mathematics

Comparable course: MATH 210

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

4.0

Maximum Credit Units

4.0

Total Course In-Class (Contact) Hours

108.0

Course in class (contact) hours

Lecture Hours

64.0

Lab Hours

44.0

Activity Hours

0.0

MATH-160 Discrete Math

Units: 4.0

[Print Page](#)

[Back to department listing](#)

Description:

Discrete Math is an introduction to fundamental topics for computer science. Topics include: logic, proof techniques, mathematical induction, sets, relations, functions and recursion, graphs and trees, elementary number theory, basic combinatorics, algebraic structures, discrete probability theory and modeling computation.

Requisites:

Prerequisite

[MATH210 - Calculus and Analytic Geometry I](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

LMC Standard AA/AS - General Education Requirements:

- LR: Language and Rationality

CSU - General Education - Breadth Requirements:

- Area B4: Mathematics/Quantitative Reasoning

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 2: Mathematical Concepts and Quantitative Reasoning

C-ID:

- Computer Science
- Mathematics

Comparable course: MATH 160
COMP 152

Student Learning Outcomes:

- 1. [Proof and Symbolic Literacy] Students will be able to write proofs using symbolic logic and Boolean Algebra, and use symbolic logic to model real-life situations, including contexts such as program correctness, database queries, and algorithms; (PSLOs 1 & 2) (GESLO 1-5)
- 2. [Problem Solving with Sets] Students will be able to independently reason and apply sets to solve problems in combinatorics, number theory and probability theory in a variety of contexts; (PSLOs 3, 5)(GESLO 1-5)
- 3. [Recursion Construction and Modeling] Students will be able to independently use recursion to analyze algorithms and programs, and construct relevant recurrence equations and representations; (PSLOs 4, 5) (GESLO 1-5)
- 4. [Analysis of Trees and Graphs] Students will be able to analyze graphs and trees by applying matrices and using various traversal algorithms;(PSLO 3) (GESLO 1-5)
- 5. [Modeling Computation] Students will be able to use finite state machines to model computer operations, and evaluate the appropriateness and correctness of their own work. (PSLOs 4, 5) (GESLO 1-5)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

4.0

Maximum Credit Units

4.0

Total Course In-Class (Contact) Hours

108.0

Course in class (contact) hours

Lecture Hours

64.0

Lab Hours

44.0

Activity Hours

0.0

MATH-098 Independent Study in Mathematics

Units: 0.5-3.0

[Print Page](#)

[Back to department listing](#)

Description:

Provides students an opportunity to design and pursue their own interests within a particular area. Projects reflecting cultural diversity and/or societal issues will be greatly encouraged. A contract must be drawn between the student and the instructor stipulating the goals of the independent study, the content, the method of approach, the estimated time involved, and the periodic evaluation to be used. This course may be repeated for credit. (Minimum 1 hour per week with instructor plus 54 hours of contracted work for each unit of credit.)

Requisites:

None

Course Note:

Submission of acceptable educational contract to department and Instruction Office is required.

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- Meet outcomes as specified in the approved Application for Independent Study.
- Gain knowledge and skill through the successful completion of an independent study course.
- Demonstrate and/or apply independent academic learning skills.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

0.5

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

162.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

162.0

Activity Hours

0.0

Mathematics Noncredit**Program Information**

Courses listed below.

Course Information

[MATH004N - Foundations of Arithmetic & Study Skills](#)

[MATH009N - Math for Construction](#)

[MATH020N - Algebra & Arithmetic Skills](#)

[MATH090N - Problem Solving and Skills for Calculus Workshop](#)

[Back to department listing](#)

MATH-004N Foundations of Arithmetic & Study Skills

Units: 0.0

[Print Page](#)

[Back to department listing](#)

Description:

(Formerly Math 4) Math 4 teaches basic arithmetic skills, the foundational concepts behind those arithmetic skills, and study skills for success in future college and math courses. The course is designed for students who desire a firm preparation of arithmetic and study skills before taking higher math courses. Arithmetic topics include meanings of and operations with whole numbers, fractions, decimals, and percent's, introduction to problem solving, proportional reasoning, and reading tables and graphs. Study skills topics include reading math text, note making, studying, and taking tests. Additionally, students will develop proficient skills in communication of mathematics and the use and interpretation of tables and charts.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Not transferable

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: understanding and communicating number concepts (PSLO 2 and 3) Students will read examples and explanations with understanding, communicate understanding of whole and rational number concepts using multiple representations, and use this understanding to solve problems.
- CSLO 2 applications of numbers (PSLO 1 and 4) Students will solve application problems involving whole and rational numbers, including the basic operations and proportional reasoning.
- CSLO 3 arithmetic skills (PSLO 4) Students will be able to perform basic operations without a calculator using number concepts and standard algorithms.
- CSLO 4 effective learning (PSLO 5) Students will demonstrate characteristics of successful students, including organizational and study strategies, self-assessment, and articulating goals.

Grade Options:

- Pass/No Pass (P/NP)
- Other

Toggle

Units and Hours

Minimum Credit Units

0.0

Maximum Credit Units

0.0

Total Course In-Class (Contact) Hours

108.0

Course in class (contact) hours

Lecture Hours

36.0

Lab Hours

72.0

Activity Hours

0.0

MATH-009N Math for Construction

Units: 0.0

[Print Page](#)

[Back to department listing](#)

Description:

Math for Construction is a non-credit course covering topics common in construction for students in the building trades, including students in the Multi Craft Core Curriculum (MC3) program. In this course, math is taught in the context of problems commonly encountered in construction and the building trades. Content includes skills practice with decimals, percentages, and fractions; problem solving applications of decimals, percentages, and fractions; perimeter, area, and volume; circles; geometry applications; and right triangle trigonometry.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Not transferable

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Perform mathematical operations with decimals, percents, fractions, and integers, including communication and calculation of the associated units, to solve construction and building mathematical problems. (PSLOs 1, 2, 3, 4)
- CSLO 2: Calculate geometric perimeters, areas, and volumes, including communication and calculation of the associated units, in construction and building contexts. (PSLOs 1, 2, 3, 4)
- CSLO 3: Apply right triangle and basic trigonometric relationships to construction and building contexts. (PSLOs 1, 2, 3, 4)
- CSLO 4: Use a variety of representations, technology, and multi-prong approaches to solve mathematical problems in construction and building contexts. (PSLOs 1, 2, 3, 4)
- CSLO 5: Develop study habits that promote success in mathematics, such as the use of reading and metacognitive strategies to improve understanding and performance. (PSLO 5)

Grade Options:

None

Toggle

Units and Hours**Minimum Credit Units**

0.0

Maximum Credit Units

0.0

Total Course In-Class (Contact) Hours

80.0

Course in class (contact) hours

Lecture Hours

50.0

Lab Hours

30.0

Activity Hours

0.0

MATH-020N Algebra & Arithmetic Skills

Units: 0.0

[Print Page](#)

[Back to department listing](#)

Description:

A non-credit review of elementary algebra and arithmetic skills to prepare students for Intermediate Algebra (MATH-030). Topics include: arithmetic (integers, signed fractions, signed decimals), order of operations, perimeter, area, volume, circumference, formulas, the Pythagorean Theorem, exponents, percentages, proportions, unit analysis, linear equations, linear inequalities, linear systems of equations, quadratic equations, factoring, and the quadratic formula.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Not transferable

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Arithmetic Skills and Applications (PSLO 4) Recognize and apply arithmetic skills and order of operations to evaluate expressions, equations, convert between number forms, and perform unit analysis conversions.

- CSLO 2: Algebra Skills and Applications (PSLO 4) Recognize and apply algebraic skills to solve linear equations, linear inequalities, 2 by 2 linear systems, formulas, geometric problems, proportions, quadratic equations, and simple rational equations.
- CSLO 3: Mathematical Reasoning and Problem Solving (PSLO 1) Mathematically reason and apply a generalized problem solving process (e.g. Polya's problem solving process) to solve arithmetic and algebraic problems.
- CSLO 4: Multiple Representations (PSLO 2) Create and use tables, graphs, and equations to solve linear equations, 2 by 2 linear systems, and quadratic equations.
- CSLO 5: Communication of Arithmetic and Algebraic Concepts (PSLO 3) Identify and appropriately use mathematical information, and appropriately communicate algebraic understanding via proper labels, definitions, logic, and interpretations.

Grade Options:

- Pass/No Pass
- Satisfactory Progress

Toggle

Units and Hours

Minimum Credit Units

0.0

Maximum Credit Units

0.0

Total Course In-Class (Contact) Hours

126.0

Course in class (contact) hours

Lecture Hours

90.0

Lab Hours

36.0

Activity Hours

0.0

MATH-090N Problem Solving and Skills for Calculus Workshop

Units: 0.0

[Print Page](#)

[Back to department listing](#)

Description:

This non-credit course supports students in Calculus with developing generalized problem solving processes, and review of math skills from algebra, geometry, and trigonometry. Designed for students concurrently enrolled in or planning to take a calculus course.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Not transferable

Repeatability:

Non Credit Courses are repeatable

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Construct and apply a generalized problem solving process (e.g. Polya's problem solving process), including planning the appropriate algebra, geometry, and/or trigonometry steps, in service of solving calculus problems. (PSLO 1)
- 2. Perform operations, calculations, and apply skills from algebra, geometry, and/or trigonometry skills in service of solving calculus problems. (PSLO 4)
- 3. Demonstrate problem solving strategies and skills for success, including: motivation and strategies for constructing and applying problem solving strategies; revision and adaptation of a generalized problem solving process; persistence in completing a problem solving

process; self assessment and reflection on use of the problem solving process and skills from algebra/geometry/trigonometry. (PSLO 5)

Grade Options:

- Pass/No Pass (P/NP)
- Satisfactory Progress (SP)

Toggle

Units and Hours

Minimum Credit Units

0.0

Maximum Credit Units

0.0

Total Course In-Class (Contact) Hours

64.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

64.0

Activity Hours

0.0

Music

Program Information

Degree(s) and/or certificates and courses listed below.

Degrees and Certificates

[Music Associate in Arts for Transfer \(AA-T\)](#)

[Music Associate of Arts \(AA\)](#)

Course Information

MUSIC001 - Music Studio 1 (Pitch / Rhythm)
MUSIC002 - Music Studio 2 (Tone / Technique)
MUSIC003 - Music Studio 3 (Dynamics / Balance)
MUSIC005 - Recital Class
MUSIC006 - Sophomore Recital Preparation
MUSIC008 - Applied Music
MUSIC010 - Music Literature
MUSIC012 - Popular Music in American Culture
MUSIC013A - Musicianship I
MUSIC013B - Musicianship II
MUSIC014A - Musicianship III
MUSIC014B - Musicianship IV
MUSIC015 - Basic Music
MUSIC016 - Music Theory I
MUSIC017 - Music Theory II: Tonal Harmony
MUSIC018 - Music Theory III: Chromatic Harmony
MUSIC019 - Music Theory IV: Advanced Harmony and Later Styles
MUSIC020 - Baroque Ensemble
MUSIC030 - Basic Keyboard Skills
MUSIC031 - Piano I
MUSIC032 - Piano II
MUSIC033A - Intermediate Piano
MUSIC033B - Advanced Piano
MUSIC034 - Jazz/Rock Keyboard
MUSIC035 - Introduction to the Guitar
MUSIC036 - Intermediate Guitar
MUSIC037 - Advanced Guitar
MUSIC040 - Concert Band
MUSIC041 - Concert Band II
MUSIC052 - Chamber Ensembles: Emphasis Strings
MUSIC058 - Musical Theatre: Orchestra I
MUSIC060 - College Chorus I
MUSIC065 - Class Voice
MUSIC066 - Gospel Choir
MUSIC067 - Jazz and Vocal Popular Techniques
MUSIC068 - Musical Theatre: Vocal I
MUSIC074 - Jazz Studio - From Basie Through Coltrane
MUSIC077 - Chamber Chorale
MUSIC081 - Introduction to Improvisation
MUSIC082 - Intermediate Improvisation Jazz Workshop
MUSIC089 - Music and Recording Industry Business
MUSIC093 - Studio Music Production I
MUSIC094 - Studio Music Production II
MUSIC098 - Independent Study in Music

[Back to department listing](#)

Music Associate in Arts for Transfer (AA-T)

A.A. Degree for Transfer

[Print Page](#)

[Back to department listing](#)

Units:

60 units

The Associate in Arts degree in Music in Transfer (AAT) at Los Medanos College offers students the opportunity to acquire the basic skills and music education needed as preparation for careers in music and further study to complete a Bachelor of Arts degree in music. The AAT Arts degree in Music meets lower division standards and requirements for transfer to a CSU and various other colleges, universities and music conservatories that offer the Bachelor of Arts degree in music. This program is designed for students who plan to complete a bachelor's degree in a similar major at a CSU campus. Students completing this degree are guaranteed admission to the CSU system, but not a particular campus or major. Please refer to the LMC catalog for more details regarding this admission guarantee. The Associate in Arts in Music for Transfer at Los Medanos College prepares students to transfer into a curriculum at a 4 year institution to pursue a baccalaureate degree in Music. To earn the Associate Degree for Transfer: 1. Completion of 60 semester units or 90 quarter units of degree-applicable courses, 2. Minimum overall grade point average of 2.0, 3. Minimum grade of "C" (or "P") for each course in the major, and 4. Completion of IGETC and/or CSU GE-Breadth Certain ADTs are based on completion of IGETC for STEM or CSU GE-Breadth for STEM.

Toggle

Program Learning Outcomes

- 1. Understand and be able to apply the fundamentals of music theory, aural, and have a working knowledge of harmonic progression, musical forms and structures.
- 2. Have knowledge and understanding of the historical development of music, its historical periods, genres, instrumentation and composers, within their cultural context.
- 3. Have practical knowledge of performance practice in their particular ensemble performing styles.
- 4. Have proficiency of solo repertoire and technical studies in their major instrumental or vocal area of study.
- 5. Be competent with music technology in its various forms for composition, teaching, and professional pursuits.

- 6. Be able to work independently on varieties of musical problems by combining their capabilities in performance, aural, verbal and visual analysis, composition, repertoire, knowledge, and music history.
- 7. Have writing skills with the ability to independently utilize research tools and resources (library, internet, etc.)

Toggle

Program Requirements

A.A. Degree for Transfer
Required Courses

Required Courses for Major (Total 22)

Complete all of the following

MUSIC008 - Applied Music 2
MUSIC013A - Musicianship I 1
MUSIC013B - Musicianship II 1
MUSIC014A - Musicianship III 1
MUSIC014B - Musicianship IV 1
MUSIC016 - Music Theory I 3
MUSIC017 - Music Theory II: Tonal Harmony 3
MUSIC018 - Music Theory III: Chromatic Harmony 3
MUSIC019 - Music Theory IV: Advanced Harmony and Later Styles 3

Required Courses for Major List A (Total 4)

Complete the following number of credits: 4

MUSIC020 - Baroque Ensemble 1
MUSIC040 - Concert Band 2
MUSIC074 - Jazz Studio - From Basie Through Coltrane 2
MUSIC082 - Intermediate Improvisation Jazz Workshop 2

Music Associate of Arts (AA)

A.A. Degree Local

[Print Page](#)

[Back to department listing](#)

Units:

60.0 units

The Los Medanos Music Department courses and curricula are designed to fulfill a wide range of student goals and learning outcomes. The department provides both professional strength and liberal arts breadth, developing musical and intellectual excellence and sensitivity. The LMC Music major

receives intense training for professional careers in music such as professional musicians, private studio applied instructors, songwriters, musical directors and performers. The music program is design to allow for maximum development of specialized skills in particular musical areas of interest. The LMC music major performs a wide variety of repertoire which includes classical, jazz, musical theatre, gospel, country, rhythm & blues and current popular music.

Toggle

Program Learning Outcomes

- 1. Understand and be able to apply the fundamentals of music theory, aural, and have a working knowledge of harmonic progression, musical forms and structures.
- 2. Have knowledge and understanding of the historical development of music, its historical periods, genres, instrumentation and composers, within their cultural context
- 3. Have practical knowledge of performance practice in their particular ensemble performing styles
- 4. Have proficiency of solo repertoire and technical studies in their major instrumental or vocal area of study
- 5. Be competent with music technology in its various forms for composition, teaching, and professional pursuits.
- 6. Be able to work independently on varieties of musical problems by combining their capabilities in performance, aural, verbal and visual analysis, composition, repertoire, knowledge, and music history.
- 7. Have writing skills with the ability to independently utilize research tools and resources (library, internet, etc.)

Toggle

Program Requirements

A.A. Degree Local

Required Course for Major (Total 36)

Complete all of the following

[MUSIC013A - Musicianship I](#) 1

[MUSIC013B - Musicianship II](#) 1

[MUSIC014A - Musicianship III](#) 1

[MUSIC014B - Musicianship IV](#) 1

[MUSIC016 - Music Theory I](#) 3

MUSIC017 - Music Theory II: Tonal Harmony 3
MUSIC018 - Music Theory III: Chromatic Harmony 3
MUSIC019 - Music Theory IV: Advanced Harmony and Later Styles 3
MUSIC031 - Piano I 1.5
MUSIC033B - Advanced Piano 1.5
MUSIC081 - Introduction to Improvisation 1.5

Required Course for Major (Total 2)

Complete the following number of credits: 2

MUSIC005 - Recital Class 2
MUSIC006 - Sophomore Recital Preparation 2

Required Course for Major (Total 1.5)

Complete the following number of credits: 1.5

MUSIC032 - Piano II 1.5
MUSIC033A - Intermediate Piano 1.5

Required Course for Major--Ensemble Requirements (Total 12)

Complete the following number of credits: 12

MUSIC020 - Baroque Ensemble 1
MUSIC040 - Concert Band 2
MUSIC052 - Chamber Ensembles: Emphasis Strings 1
MUSIC060 - College Chorus I 2
MUSIC066 - Gospel Choir 1.5
MUSIC074 - Jazz Studio - From Basie Through Coltrane 2
MUSIC077 - Chamber Chorale 2
MUSIC082 - Intermediate Improvisation Jazz Workshop 2

Students with an advanced guitar or advanced piano emphasis may choose to fulfill 6 units of the 12 units ensemble requirement by completing 4 semesters of the following (Total 0 - 6)

Complete the following number of credits: 0-6

MUSIC033A - Intermediate Piano 1.5
MUSIC033B - Advanced Piano 1.5
MUSIC037 - Advanced Guitar 1.5

MUSIC-012 Popular Music in American Culture

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

A multicultural study of the evolution of America musical styles, including blues, salsa, samba, rock, jazz, pop, rhythm and blues and country and folks, with emphasis on the African American, Euro American, Latin American origins of these contemporary styles and their historical contexts.

Requisites:

Advisory

ENGL100 - College Composition

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:**LMC Standard AA/AS - General Education Requirements:**

- C. Arts & Humanities

CSU - General Education - Breadth Requirements:

- Area C1: Arts

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 3B: Humanities

Student Learning Outcomes:

- 1. Read critically and communicate effectively as a writer and speaker in comparing diverse cultural strands in American Popular Musical Styles. (PSLO 7) (GESLO 1)
- 2. Analyze and explain how the intrinsic connection of cultural, political, economic, historical and artistic movements has shaped American Popular Musics. (PSLO 2) (GESLO 2)
- 3. Think critically and creatively about the vast stylistic genres and subgenres that make up American Popular Music (PSLO 6) (GESLO 3)
- 4. Critique and judge the ethics in how Popular Music is distributed and consumed in today's society and what the implications are for future generations of musicians and audiences. (PSLO 2) (GESLO 4)
- 5. Describe and discern the diverse and related multicultural musical styles that make up American Popular Music. (PSLO 2) (GESLO 5)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

MUSIC-052 Chamber Ensembles: Emphasis Strings

Units: 1.0

[Print Page](#)

[Back to department listing](#)

Description:

In this course students play in small ensembles of varying size and configuration with intensive work in ensemble skills such as pitch matching, tone blending, and rhythmic synchronization. Studies in musical interpretation, advanced performance concepts, and critical sight reading are applied to repertoire which may be drawn from every style of Western art music from the Renaissance to the present. There will be several public performances. Fundamental skill on your instrument is required.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Use exercises to improve individual playing skills on a string instrument. (PSLO #1, 4, 6)
- 2. Perform chamber ensemble repertoire with the requisite technical skills, and musical interpretation. (PSLO #1, 3, 6)
- 3. Evaluate their own live and recorded chamber musical performances, and those of other groups, in terms of the level of technical, musical, and artistic proficiency displayed in the performances. (PSLO #2, 3, 7)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

1.0

Maximum Credit Units

1.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

54.0

Activity Hours

0.0

MUSIC-041 Concert Band II

Units: 2.0

[Print Page](#)

[Back to department listing](#)

Description:

Intermediate skill on band instrument is suggested. A continuation of basic material in MUSIC-040 with an investigation of classical and contemporary band literature as well as scales, chords, and extensive work in sight-reading; extensive practice and frequent public performance.

Requisites:

Prerequisite

[MUSIC040 - Concert Band](#)

Prerequisite

Intermediate skill on a band instrument; assessed by audition.

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Expand instrumental skills and techniques, demonstrate intermediate technical proficiency on a band instrument by being able to perform from memory assigned scale patterns with a variety of articulations. (PSLO #1, 4, 6)
- 2. Demonstrate the ability to perform intermediate/advance concert band repertoire with the requisite technical skills. Collaborate and interact with other ensemble members and the conductor to learn and perform intermediate level compositions. (PSLO #1, 3, 6)
- 3. Detailed aural evaluation of their own live and recorded musical performances, and those of other groups, in terms of the level of technical, musical, and artistic proficiency displayed in the performances. (PSLO #2, 3, 7)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

2.0

Maximum Credit Units

2.0

Total Course In-Class (Contact) Hours

108.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

108.0

Activity Hours

0.0

MUSIC-081 Introduction to Improvisation

Units: 1.5

[Print Page](#)

[Back to department listing](#)

Description:

This course is designed to introduce the student to various techniques for improvisation. Included in this will be the improvised and aural traditions comprising the bulk of the music of the Western and non-Western world. The stylistic areas covered will include jazz, funk, blues, rock, African and approaches to improvising.

Requisites:

Advisory

[MUSIC015 - Basic Music](#)

Advisory

[MUSIC016 - Music Theory I](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. CSLO 1: Construct, arpeggiate and improvise on 4 part chords drawn from Major and Melodic Minor scales (PSLO 1, 2)
- 2. CSLO 2: Construct, play and improvise on the modes associated with these chords (PSLO 3)
- 3. CSLO 3: Transcribe and memorize solos from relevant recordings. (PSLO 1, 2, 6)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

1.5

Maximum Credit Units

1.5

Total Course In-Class (Contact) Hours

90.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

90.0

Activity Hours

0.0

MUSIC-010 Music Literature

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This is an interdisciplinary course providing an overview of the creative process with a focus on music. The course develops an aural analysis of music from many cultures and from past to present-day forms of musical creativity; it examines music as a reflection of the beliefs, social conditions and temper of the times. Sophistication in listening will be developed with attention to musical design, forms, style, instrumentation, and the derivation of increased pleasure from this art form. This course provides opportunity for creative analysis by attending and evaluating contemporary performances and concerts.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

CSU - General Education - Breadth Requirements:

- Area C1: Arts

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 3A: Arts

LMC Standard AA/AS - General Education Requirements:

- C. Arts & Humanities

Student Learning Outcomes:

- 1. Compare and contrast important composers and their music, analyze similarities and differences in musical styles and different musical time periods, and correctly identify form, genre, style, instrumentation and other important musical features. (PSLO 2) (GESLO 3)
- 2. Critically analyze how musical compositions interplay with the cultural, ethical and political issues of that time period. (PSLO 2) (GESLO 2, 3, 4)
- 3. Creatively analyze elements of classical musical forms, style, composition, harmonic progression and techniques; and critically analyze their influence on contemporary styles of music. (PSLO 1, 2) (GESLO 3)
- 4. Read, write and orally communicate effectively about the lives of significant composers and what situation, events, or prevalent societal views caused them to write the music that they composed. (PSLO 2, 7) (GESLO 1, 2)
- 5. Describe and explain the development of Western music and compare it to development of music from other cultures. (PSLO 2) (GESLO 5)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

MUSIC-035 Introduction to the Guitar

Units: 1.5

[Print Page](#)

[Back to department listing](#)

Description:

This course is designed for the student with little or no background in playing the guitar. Course content covers basic guitar strums, chords, tuning, and song accompaniments. Students must supply their own guitar.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Perform standard beginning level pieces. (PSLO 1, 2, 3, 6)
- CSLO 2: Play all two octave major pentatonic and blues scales at a beginning level tempo. (PSLO 1, 6)
- CSLO 3: Play all major, minor, and dominant seventh chord in open position. (PSLO 1, 6)
- CSLO 4: Understand and read musical notation, guitar tablature and have basic skills in musicality. (PSLO 1, 2, 6)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours**Minimum Credit Units**

1.5

Maximum Credit Units

1.5

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours**Lecture Hours**

18.0

Lab Hours

36.0

Activity Hours

0.0

MUSIC-036 Intermediate Guitar

Units: 1.5

[Print Page](#)

[Back to department listing](#)

Description:

Continuing the content of MUSIC-035, students will study with an emphasis on stylistic interpretation, preparation and performance of intermediate level guitar literature from a variety of historical periods and styles. Both ensemble and solo playing will be investigated along with technique and music theory.

Requisites:**Advisory**

[MUSIC035 - Introduction to the Guitar](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Perform standard intermediate level guitar pieces. (PSLO 1, 2, 3, 6)
- CSLO 2 Play all two octave major, pentatonic and blues scales at an intermediate level tempo. (PSLO 1, 6)
- CSLO 3: Play all major, minor, and dominant seventh chords in open and closed positions. (PSLO 1, 6)
- CSLO 4: Understand and read musical notation, guitar tablature and have fundamental skills in musicality. (PSLO 1, 2, 6)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours**Minimum Credit Units**

1.5

Maximum Credit Units

1.5

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

18.0

Lab Hours

36.0

Activity Hours

0.0

MUSIC-040 Concert Band

Units: 2.0

[Print Page](#)

[Back to department listing](#)

Description:

Introduction to collegiate level concert band, involving basic studies in musical interpretation, advanced performance concepts, critical sight reading, and extended technical exercises; extensive practice and frequent public performance.

Requisites:

Prerequisite

Fundamental skill on a band instrument; assessed by audition

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:**C-ID:**

- Music

Comparable course: MUS 180

Student Learning Outcomes:

- 1. Demonstrate technical proficiency on a band instrument by being able to perform from memory assigned scale patterns with a variety of articulations. (PSLO #1, 4, 6)
- 2. Demonstrate the ability to perform assigned concert band repertoire with the requisite technical skills (PSLO #1, 3, 6)
- 3. Aurally evaluate their own live and recorded musical performances, and those of other groups, in terms of the level of technical, musical, and artistic proficiency displayed in the performances. (PSLO #2, 3, 7)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours**Minimum Credit Units**

2.0

Maximum Credit Units

2.0

Total Course In-Class (Contact) Hours

108.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

108.0

Activity Hours

0.0

MUSIC-098 Independent Study in Music

Units: 0.5-3.0

[Print Page](#)

[Back to department listing](#)

Description:

Provides students an opportunity to design and pursue their own interests within a particular area. Projects reflecting cultural diversity and/or societal issues will be greatly encouraged. A contract must be drawn between the student and the instructor stipulating the goals of the independent study, the content, the method of approach, the estimated time involved, and the periodic evaluation to be used. This course may be repeated for credit. (Minimum 1 hour per week with instructor plus 54 hours of contracted work for each unit of credit.)

Requisites:

None

Course Note:

Submission of acceptable educational contract to department and Instruction Office is required.

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- Meet outcomes as specified in the approved Application for Independent Study.
- Gain knowledge and skill through the successful completion of an independent study course.
- Demonstrate and/or apply independent academic learning skills.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

0.5

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

162.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

162.0

Activity Hours

0.0

MUSIC-001 Music Studio 1 (Pitch / Rhythm)

Units: 0.5

[Print Page](#)

[Back to department listing](#)

Description:

This course is designed for the music student who needs further development on mechanics of vocalizing or playing an instrument or in the conceptual development in the theory of music as related to musical pitch and rhythm. The material is designed to be used individually or in any sequence.

Requisites:

Advisory

Concurrent enrollment in any music performance course

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Use music learning and practice aids to perform increasingly challenging music in terms of musical pitch and rhythm. (Music PSLOs 1, 3, 4, 6)
- 2. Evaluate musical difficulties as related to pitch and rhythm and explore a variety of solutions to these performance problems. (Music PSLOs 1,3, 6)
- 3. Apply the musical concepts of pitch and rhythm to practice for performing musical selections. (Music PSLOs 1, 3, 6)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

0.5

Maximum Credit Units

0.5

Total Course In-Class (Contact) Hours

27.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

27.0

Activity Hours

0.0

MUSIC-002 Music Studio 2 (Tone / Technique)

Units: 0.5

[Print Page](#)

[Back to department listing](#)

Description:

Designed for the music student who needs further development on mechanics of vocalizing or playing an instrument or in the conceptual development in the theory of music as related to musical tone and technique beyond the work done in MUSIC-001. The material is designed to be used individually or in any sequence.

Requisites:**Advisory**

[MUSIC001 - Music Studio 1 \(Pitch / Rhythm\)](#)

Advisory

Concurrent enrollment in any music performance course

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Use music learning and practice aids to perform increasingly challenging music in terms of musical tone and technique. (Music PSLOs 1, 3, 4, 6)
- 2. Evaluate musical difficulties as related to tone and technique and explore a variety of solutions to these performance problems. (Music PSLOs 1,3, 6)
- 3. Apply the musical concepts of tone and technique to practice for performing musical selections. (Music PSLOs 1, 3, 6)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

0.5

Maximum Credit Units

0.5

Total Course In-Class (Contact) Hours

27.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

27.0

Activity Hours

0.0

MUSIC-003 Music Studio 3 (Dynamics / Balance)

Units: 0.5

[Print Page](#)

[Back to department listing](#)

Description:

Designed for the music student who needs further development on mechanics of vocalizing or playing an instrument or in the conceptual development in the theory of music as related to musical dynamics and balance beyond the work done in MUSIC-001 and MUSIC-002. The material is designed to be used individually or in any sequence.

Requisites:

Advisory

[MUSIC002 - Music Studio 2 \(Tone / Technique\)](#)

Advisory

Concurrent enrollment in any music performance course

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Use music learning and practice aids to perform increasingly challenging music in terms of musical dynamics and balance. (Music PSLOs 1, 3, 4, 6)
- 2. Evaluate musical difficulties as related to dynamics and balance and explore a variety of solutions to these performance problems. (Music PSLOs 1,3, 6)
- 3. Apply the musical concepts of dynamics and balance to practice for performing musical selections. (Music PSLOs 1, 3, 6)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

0.5

Maximum Credit Units

0.5

Total Course In-Class (Contact) Hours

27.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

27.0

Activity Hours

0.0

MUSIC-005 Recital Class

Units: 1.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is designed to be taken in conjunction with MUSIC-008 or with private instruction from a qualified off-campus instructor. The student will learn appropriate performance decorum, techniques for concentration, 'stage fright' control, performance preparation skills as well as organization and presentation skills for public performance. There will be many opportunities to perform prepared solos in various venues with differing levels of formality.

Requisites:

Advisory

[MUSIC008 - Applied Music](#)

Advisory

Arrangement with a private music instructor

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1) Perform as soloist in public (PSLO 1, 2, 3, 4, 6)
- 2) Be able to demonstrate appropriate stage protocol and deportment (PSLO 2, 3, 6, 7)
- 3) Be able to arrange or aid in the arrangement of a solo recital. (PSLO 2, 3, 6, 7)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours**Minimum Credit Units**

1.0

Maximum Credit Units

1.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

54.0

Activity Hours

0.0

MUSIC-006 Sophomore Recital Preparation

Units: 1.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is designed to prepare the music major to successfully perform a sophomore recital upon graduating from LMC with an associate degree in music, or upon transferring to a four year school as a music major. The sophomore recital is defined as an individual solo recital representing the student's mastery of technical and artistic skills commensurate with upper division entry level expertise, including but not limited to; ability to perform a solo program of at least 30 minutes of playing time; demonstrated performance expertise in music of diverse compositional styles; demonstrated expertise in the technical and interpretive skills required for a high level of performance on that student's instrument or voice; demonstrated mastery of proper stage deportment for varying levels of formality. It is assumed that the student will be taking regular private lessons with an instructor/coach through MUSIC-008 or MUSIC-009 or from a qualified off-campus instructor.

Requisites:

Prerequisite

[MUSIC005 - Recital Class](#)

Advisory

[MUSIC008 - Applied Music](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1) perform all the elements of a Sophomore Recital in part or in whole, including music from various compositional styles, demonstrating mastery of technical and artistic skills commensurate with upper division, entry level music major expertise (PSLOs 1, 2, 3, 4, 6 and 7)
- 2) demonstrate in public performance proper stage deportment for varying levels of formality. (PSLOs 2, 3, 4, 6 and 7)
- 3) demonstrate the ability to arrange the presentation of a solo recital. (PSLO 2, 3, 6 7)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

1.0

Maximum Credit Units

1.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

54.0

Activity Hours

0.0

MUSIC-008 Applied Music

Units: 0.5

[Print Page](#)

[Back to department listing](#)

Description:

This course is designed for the music major or minor students who will study their performance medium in private lessons. Students will audition for the available lesson slots. Students will have private lessons for three hours during the semester in addition to weekly lab practice. Each student must pass an audition. It is strongly recommended that the student be concurrently enrolled in Piano (30, 31 or 32), Recital Class (5, 6, or 7), a music theory course at the student's appropriate level (15, 16, 17, 18 or 81), enrollment in any major performance group or Chamber Ensembles (any section between 50-56). Any exception to this list must have instructor's approval.

Requisites:

Prerequisite

Audition

Advisory

Prior or concurrent enrollment in Music 5, 6, or in major performance medium; Music 30, 31, 32, 33a or 33b; music theory course at appropriate level (Music 15, 16, 17, 18 or 81); and chamber ensembles (Music 50-56). Pianists, vocalists, and guitarists may substitute alternative music courses to satisfy chamber ensemble requirement.

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

C-ID:

- Music

Comparable course: MUS 160

Student Learning Outcomes:

- 1. Use exercises designed to improve individual playing/singing skills. (PSLO #1, 4, 6)
- 2. Perform repertoire with the required technical skills, and musical interpretation. For vocalist: Solos in a minimum of three languages selected from English, Italian, German, Latin Spanish, or French is expected. (PSLO #1, 3, 4, 6)
- 3. Evaluate their own live and recorded musical performances, and those of other performers, in terms of the level of technical, musical, and artistic proficiency displayed in the performances. (PSLO #2, 3, 7)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours**Minimum Credit Units**

0.5

Maximum Credit Units

0.5

Total Course In-Class (Contact) Hours

27.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

27.0

Activity Hours

0.0

MUSIC-013A Musicianship I

Units: 1.0

[Print Page](#)

[Back to department listing](#)

Description:

This first semester of Musicianship includes ear training, sight singing, interval and chord recognition, rhythm and musical dictation and technical and foreign language musical terms. Required for music majors and should be taken concurrently with MUSIC-016.

Requisites:

Advisory

[MUSIC015 - Basic Music](#)

Advisory

[MUSIC030 - Basic Keyboard Skills](#)

Advisory

[MUSIC016 - Music Theory I](#)

Advisory

[MUSIC031 - Piano I](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

C-ID:

- Music

Comparable course: MUS 125

Student Learning Outcomes:

- 1. Demonstrate the ability to hear music with understanding, recognizing patterns and musical function, by a. Taking dictation of melodies featuring leaps within the primary triads. (PSLO 1 and 6) b. Taking dictation of rhythms with divided beats in a variety of meter signatures and tempos. (PSLO 1 and 6) c. Aurally identifying all intervals up to the octave—ascending, descending, and harmonic. (PSLO 1 and 6) d. Aurally identifying qualities, inversions, and soprano notes of triads. (PSLO 1 and 6) e. Aurally identifying dominant 7th chords. (PSLO 1 and 6)
- 2. Demonstrate the ability to "audiate" a musical score by a. Performing rhythms with divided beats in a variety of meter signatures and tempos. (PSLO 1 and 6) b. Sight-singing melodies featuring leaps within the primary triads. (PSLO 1 and 6)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

1.0

Maximum Credit Units

1.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

54.0

Activity Hours

0.0

MUSIC-013B Musicianship II

Units: 1.0

[Print Page](#)

[Back to department listing](#)

Description:

This second semester of Musicianship includes ear training, sight singing, interval and chord recognition, rhythmic and musical dictation and technical and foreign language musical terms. Required for music majors and should be taken concurrently with Music 016 or Music 017.

Requisites:

Advisory

[MUSIC015 - Basic Music](#)

Advisory

[MUSIC030 - Basic Keyboard Skills](#)

Advisory

[MUSIC016 - Music Theory I](#)

Advisory

[MUSIC017 - Music Theory II: Tonal Harmony](#)

Advisory

[MUSIC031 - Piano I](#)

Advisory

[MUSIC013A - Musicianship I](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:**C-ID:**

- Music

Comparable course: MUS 135

Student Learning Outcomes:

- 1. Demonstrate the ability to hear music with understanding, recognizing patterns and musical function, by a. Taking dictation of melodies in major and minor keys featuring leaps from the I, IV, V and V7 chords. (PSLO 1 and 6) b. Taking dictation of rhythms with subdivided beats in simple and compound meters. (PSLO 1 and 6) c. Taking harmonic dictation of common diatonic progressions with inversions, writing outer voices and Roman Numerals. (PSLO 1 and 6)
- 2. Demonstrate the ability to "audiate" a musical score by a. Sight-reading and performing rhythms with subdivided beats in simple and compound meters. (PSLO 1 and 6) b. Sight-singing melodies in major and minor keys featuring leaps from the I, IV, V and V7 chords. (PSLO 1 and 6)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours**Minimum Credit Units**

1.0

Maximum Credit Units

1.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

54.0

Activity Hours

0.0

MUSIC-014A Musicianship III

Units: 1.0

[Print Page](#)

[Back to department listing](#)

Description:

This third semester of Musicianship includes ear training, sight singing, interval and chord recognition, rhythmic and musical dictation and technical and foreign language musical terms. Required for music majors and should be taken concurrently with MUSIC-0017 or MUSIC-018.

Requisites:

Advisory

[MUSIC015 - Basic Music](#)

Advisory

[MUSIC016 - Music Theory I](#)

Advisory

[MUSIC017 - Music Theory II: Tonal Harmony](#)

Advisory

[MUSIC018 - Music Theory III: Chromatic Harmony](#)

Advisory

[MUSIC013A - Musicianship I](#)

Advisory

[MUSIC013B - Musicianship II](#)

Advisory

[MUSIC030 - Basic Keyboard Skills](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

C-ID:

- Music

Comparable course: MUS 145

Student Learning Outcomes:

- 1. Demonstrate the ability to hear music with understanding, recognizing patterns and musical function, by a. Taking dictation of rhythms with triplets/duplets and syncopation in simple and compound meter signatures. b. Taking dictation of melodies in major and minor keys with triplets/duplets, syncopation, chromatic alterations, and modulation to closely-related keys. c. Aurally identifying and transcribing 4-part harmonic progressions utilizing secondary/applied chords and modulation to closely-related keys.
- 2. Demonstrate the ability to "audiate" a musical score by a. Sight-reading and performing rhythms with triplets/duplets and syncopation in simple and compound meters. b. Preparing and sight-singing melodies with triplets/duplets, syncopation, chromatic alterations, and modulation to closely-related keys.

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

1.0

Maximum Credit Units

1.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

54.0

Activity Hours

0.0

MUSIC-014B Musicianship IV

Units: 1.0

[Print Page](#)

[Back to department listing](#)

Description:

This fourth semester of Musicianship includes ear training, sight singing, interval and chord recognition, rhythmic and musical dictation and technical and foreign language musical terms. Required for music majors and should be taken concurrently with MUSIC-018 or MUSIC-019.

Requisites:

Advisory

[MUSIC030 - Basic Keyboard Skills](#)

Advisory

[MUSIC015 - Basic Music](#)

Advisory

[MUSIC016 - Music Theory I](#)

Advisory

[MUSIC017 - Music Theory II: Tonal Harmony](#)

Advisory

[MUSIC018 - Music Theory III: Chromatic Harmony](#)

Advisory

[MUSIC019 - Music Theory IV: Advanced Harmony and Later Styles](#)

Advisory

[MUSIC013A - Musicianship I](#)

Advisory

[MUSIC013B - Musicianship II](#)

Advisory

[MUSIC014A - Musicianship III](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

C-ID:

- Music

Comparable course: MUS 155

Student Learning Outcomes:

- 1. Demonstrate the ability to hear music with understanding, recognizing patterns and musical function, by a. Aurally identifying and singing the diatonic modes (Ionian, Dorian, Phrygian, Lydian, Mixolydian, Aeolian, and Locrian). b. Taking dictation of chromatic, modulating, modal, and post-tonal melodies. c. Taking dictation of rhythms featuring irregular beat divisions and polyrhythms and/or in asymmetrical or mixed meters. d. Aurally identifying and transcribing harmonic progressions utilizing secondary/applied chords, mode mixture, non-dominant 7th chords, Neapolitan and augmented 6th chords, extended and altered chords, and modulation to distantly-related keys.
- 2. Demonstrate the ability to "audiate" a musical score by a. Sight-reading and performing rhythms featuring irregular beat divisions and polyrhythms and/or in asymmetrical or mixed meters. b. Preparing and sight singing chromatic, modulating, modal, and post-tonal melodies.

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

1.0

Maximum Credit Units

1.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

54.0

Activity Hours

0.0

MUSIC-015 Basic Music

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is an introduction to music reading, functional keyboard, music theory and harmony and includes application of music theory and harmony to basic music compositions. Students will apply music theory and harmony across various styles of music, various cultures and various disciplines. Recommended for students who are not music majors or minors; or for students who are music majors needing reinforcement in basic musical concepts. The need to take this course is dependent upon theory placement exam.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Advisory

[MUSIC030 - Basic Keyboard Skills](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

CSU - General Education - Breadth Requirements:

- Area C1: Arts

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 3A: Arts

LMC Standard AA/AS - General Education Requirements:

- C. Arts & Humanities

Student Learning Outcomes:

- CSLO 1: Read and communicate effectively about basic music theory and apply basic music theory to songs composed by various artists and cultural groups from around the world. (PSLO 1, 2;GESLO 1, 5)
- CSLO 2: Think critically and ethically about music and its effect on the listener's behavioral, psychological and emotional response. (PSLO 7; GESLO 3, 4)
- CSLO 3: Analyze and compare music theory using mathematics (PLSO 2, 7; GESLO 2)
- CSLO 4: Compose a simple 32 measure song (PSLO (PSLO 1; GESLO 1)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

MUSIC-016 Music Theory I

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

MUSIC-016 is the study of musical notation, scales, keys, intervals, rhythm, musical structure, transposition and harmonization. This course, through guided composition and analysis, incorporates the following concepts: rhythm and meter; basic properties of sound; intervals; diatonic scales and triads; diatonic chords, basic cadential formulas and phrase structure; dominant seventh; figured bass symbols; and non-harmonic tones. Development of skills in handwritten notation is expected. This course is required for music majors.

Requisites:

Advisory

[MUSIC015 - Basic Music](#)

Advisory

[MUSIC030 - Basic Keyboard Skills](#)

Advisory

prior or concurrent enrollment in Music 013, 031 or 032

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

C-ID:

- Music

Comparable course: MUS 120

Student Learning Outcomes:

- 1. Write and identify all major and minor scales and key signatures (PSLO 1 and 6).
- 2. Transpose a given melody to any specified key (PSLO 1 and 6).
- 3. Construct any interval up to an octave above and below a given note (PSLO 1 and 6).
- 4. Visually identify all intervals up to an octave (PSLO 1 and 6).
- 5. Write and identify any triad in root position and inversion (PSLO 1 and 6).
- 6. Identify simple and compound meters (PSLO 1 and 6).
- 7. Identify cadence types, including perfect authentic, imperfect authentic, half, plagal, and deceptive cadences. (PSLO 1 and 6)
- 8. Conduct harmonic analysis of diatonic chord progressions (PSLO 1 and 6).
- 9. Identify phrases and periods in notated music (PSLO 1 and 6).
- 10. Write four-part diatonic harmony (PSLO 1, 2, and 6).

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

MUSIC-017 Music Theory II: Tonal Harmony

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

MUSIC-017 is the study of common practice harmony. The focus is on tonal harmony including the realization of figured bass lines, harmonization of melodies and the harmonic and structural analysis of examples of Baroque, Classical and Romantic musical literature. This course is required for music majors and should be taken concurrently with MUSIC-014. This course incorporates the concepts from Music Theory I. In addition, through guided composition and analysis, the course will include: an introduction to two-part counterpoint; voice leading involving four-part chorale writing; diatonic harmony; and an introduction to secondary/applied chords and modulation.

Requisites:

Advisory

[MUSIC016 - Music Theory I](#)

Advisory

[MUSIC031 - Piano I](#)

Advisory

MUSIC-013 **Advisory**

MUSIC-014 **Advisory**

[MUSIC032 - Piano II](#)

Advisory

MUSIC033A - Intermediate Piano

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:**CSU - General Education - Breadth Requirements:**

- Area C1: Arts

C-ID:

- Music

Comparable course: MUS 130

LMC Local AA/AS - General Education Requirements:

- AH: Arts and Humanities

Student Learning Outcomes:

- 1. Write and identify any 7th chord in root position and inversion (PSLO 1 and 6).
- 2. Using non-dominant 7th chords, secondary/applied chords, diatonic and modulating sequences, and modulation to closely-related keys: Realize a figured bass; harmonize a given melody (PSLO 1, 2, 6 and 7).
- 3. Conduct harmonic and formal analysis of music using non-dominant 7th chords, secondary/applied chords, diatonic and modulating sequences, and modulation to closely-related keys in binary and ternary forms (PSLO 1, 2, 6 and 7).
- 4. Compose music using musical elements included in course content (PSLO 1, 2, 6 and 7).

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

90.0

Course in class (contact) hours**Lecture Hours**

36.0

Lab Hours

54.0

Activity Hours

0.0

MUSIC-018 Music Theory III: Chromatic Harmony

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

MUSIC-018 is the study of common practice chromatic harmony. This course incorporates the concepts from Music Theory II. In addition, through writing and analysis, the course will include: introduction to chromatic harmony; secondary/applied chords; modulation; borrowed chords; introduction to Neapolitan and augmented-sixth chords. Activities will include the realization of chromatic and modulating figured bass lines, harmonization of melodies and the harmonic and structural analysis of examples primarily of Romantic musical literature.

Requisites:

Advisory

[MUSIC017 - Music Theory II: Tonal Harmony](#)

Advisory

[MUSIC032 - Piano II](#)

Advisory

MUSIC-014 **Advisory**

[MUSIC033A - Intermediate Piano](#)

Advisory

[MUSIC033B - Advanced Piano](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:**C-ID:**

- Music

Comparable course: MUS 150

Student Learning Outcomes:

- 1. Write and identify secondary/applied chords (dominant and fully diminished) seventh chords in root position and inversion (PSLO 1 and 6).
- 2. Write and identify borrowed chords and other mixture chords (secondary and double) in root position and inversion (PSLO 1 and 6).
- 3. Using secondary/applied 7th chords, borrowed/mixture chords, diatonic and modulation sequences: Realize a figured bass; harmonize a given melody (PSLO 1 and 6).
- 4. Conduct harmonic analysis of music using secondary/applied chords, borrowed/mixture chords and diatonic and modulating sequences (PSLO 1, 2, 6 and 7).
- 5. Conduct formal analysis of music which uses binary and ternary forms (PSLO 1, 2, 6 and 7).

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

90.0

Course in class (contact) hours**Lecture Hours**

36.0

Lab Hours

54.0

Activity Hours

0.0

MUSIC-019 Music Theory IV: Advanced Harmony and Later Styles

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

MUSIC-019 is the study of advanced harmony or the later Romantic period and peering into the 20th Century Styles of contemporary music. This course incorporates the concepts from Music Theory III. In addition, through writing and analysis, the course will include: post-Romantic techniques such as borrowed chords and modal mixture, chromatic mediants, Neapolitan and

augmented-sixth chords, 9th, 11th and 13th chords, altered chords and dominants; and 20th century techniques such as: Impressionism, tone rows, set theory, pandiatonicism and polytonalism, meter and rhythm.

Requisites:

Advisory

[MUSIC018 - Music Theory III: Chromatic Harmony](#)

Advisory

[MUSIC032 - Piano II](#)

Advisory

MUSIC-014 **Advisory**

[MUSIC033A - Intermediate Piano](#)

Advisory

[MUSIC033B - Advanced Piano](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

C-ID:

- Music

Comparable course: MUS 150

Student Learning Outcomes:

- 1. Write and identify in context borrowed chords, Neapolitans, augmented-sixth chords, 9th, 11th, and 13th chords, added sixth chords, and altered dominants.
- 2. Write and recognize examples of enharmonic modulation.

- 3. Define, analyze, and/or write examples of 20th century techniques such as: Impressionism, tone rows, set theory, pandiatonicism and polytonalism, and advanced approaches to meter and rhythm.
- 4. Compose music using musical elements included in course content.

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

90.0

Course in class (contact) hours

Lecture Hours

36.0

Lab Hours

54.0

Activity Hours

0.0

MUSIC-020 Baroque Ensemble

Units: 1.0

[Print Page](#)

[Back to department listing](#)

Description:

Students play in baroque ensembles of varying size and configuration to develop ensemble skills such as pitch matching, tone blending, and rhythmic synchronization. Studies in musical interpretation, advanced performance concepts, and critical sight-reading are applied to the baroque repertoire, including, but not limited to works by Bach, Corelli, H~~o~~ndel, Telemann and Vivaldi. There will be several public performance.

Requisites:

Advisory

Fundamental skill on a string or wind instrument or wind instrument is recommended.

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

C-ID:

- Music

Comparable course: MUS 180

Student Learning Outcomes:

- 1. Demonstrate technical proficiency and good musicianship on a string or wind instrument by being able to successfully execute suggested exercises designed to improve individual skills on their instrument. (PSLO #1, 4, 6)
- 2. Perform assigned baroque ensemble repertoire with the requisite technical skills and musical interpretation. (PSLO #1, 3, 6)
- 3. Evaluate their own live and recorded musical performances, and those of other groups, in terms of the level of technical, musical, and artistic proficiency displayed in baroque performances. (PSLO #2, 3, 7)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

1.0

Maximum Credit Units

1.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

54.0

Activity Hours

0.0

MUSIC-030 Basic Keyboard Skills

Units: 1.5

[Print Page](#)

[Back to department listing](#)

Description:

This course is designed to develop reading skills in basic music notation in relation to the keyboard. Study of piano technique, ensemble and solo playing, easy repertoire preparation and interpretation will be covered. Does not fulfill piano requirement for music major, however this class provides fundamental skills and a solid foundation for anyone beginning their music study.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1 Perform simple pieces from the standard preparatory piano literature. (PSLO 1, 6)
- CSLO 2 Play C, G, D, A, E, B, and F major scales, one octave, and A natural minor scale, one octave, each hand, up and down. (PSLO 1, 6)
- CSLO 3 Play root position triads. (PSLO 1, 6)
- CSLO 4 Know the names of all the notes on the grand staff and their position on the keyboard. (PSLO 1, 6)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

1.5

Maximum Credit Units

1.5

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

18.0

Lab Hours

36.0

Activity Hours

0.0

MUSIC-031 Piano I

Units: 1.5

[Print Page](#)

[Back to department listing](#)

Description:

This course includes basic keyboard techniques, easy piano repertoire, major and minor scales, diatonic chord progressions, simple transposition and sight reading skills. This is the first of the required semesters of piano for music majors.

Requisites:**Advisory**

Ability to read music at elementary level

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1 Perform simple pieces from the standard beginning piano literature. (PSLO 1, 6)
- CSLO 2 Play all the major scales, two octaves, and c,g,d,a, and e harmonic minor scales, one octave, both hands, up and down. (PSLO 1, 6)
- CSLO 3 Play chord progressions and harmonize a simple accompaniment to a diatonic melody using the I, IV, and V or V7 chords in the keys of C, G, F, D, A, E, and B, and transpose these to closely related keys. (PSLO 1, 6)
- CSLO 4 Sight read simple piano pieces and simple two part scores. (PSLO 1, 6)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours**Minimum Credit Units**

1.5

Maximum Credit Units

1.5

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

18.0

Lab Hours

36.0

Activity Hours

0.0

MUSIC-032 Piano II

Units: 1.5

[Print Page](#)

[Back to department listing](#)

Description:

This course furthers basic keyboard techniques, including second level beginning piano repertoire, major and minor scales, diatonic chord progressions, transposition, and sight reading skills. This is the second of the required semesters of piano for music majors.

Requisites:

Advisory

[MUSIC031 - Piano I](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1 Perform pieces from the standard second level beginning piano literature. (PSLO 1, 6)
- CSLO 2 Play all the major and minor scales (three forms), two octaves, both hands, up and down. (PSLO 1, 4, 6)
- CSLO 3 Play chord progressions and harmonize a simple accompaniment to a diatonic melody using the I, IV, and V or V7 chords in all keys, and transpose these to other keys. (PSLO 1, 6)
- CSLO 4 Sight read piano pieces of moderate difficulty and simple two part scores. (PSLO 1, 6)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours**Minimum Credit Units**

1.5

Maximum Credit Units

1.5

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

18.0

Lab Hours

36.0

Activity Hours

0.0

MUSIC-033A Intermediate Piano

Units: 1.5

[Print Page](#)

[Back to department listing](#)

Description:

Piano study with an emphasis on stylistic interpretation, preparation, and performance of intermediate level keyboard literature from all historical periods. Ensemble and accompaniment skills will be covered as well as keyboard theory and technical aspects of piano playing.

Requisites:

Advisory

[MUSIC032 - Piano II](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1 Perform pieces from the standard intermediate piano literature. (PSLO 1, 2, 4, 6)
- CSLO 2 Play all major and minor scales and arpeggios, hands together, over multiple octaves. (PSLO 1, 6)
- CSLO 3 Play chord progressions and harmonize diatonic melodies using primary and secondary triads and seventh chords in all keys. (PSLO 1, 2, 6)
- CSLO 4 Read four-part chorales and simple three part scores. (PSLO 1, 2, 6)
- CSLO 5 Play four-hand and two-piano ensemble pieces from the standard intermediate piano literature (PSLO 1, 2, 3, 6)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours**Minimum Credit Units**

1.5

Maximum Credit Units

1.5

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours**Lecture Hours**

18.0

Lab Hours

36.0

Activity Hours

0.0

MUSIC-033B Advanced Piano

Units: 1.5

[Print Page](#)

[Back to department listing](#)

Description:

Advanced piano study with an emphasis on historic and stylistic interpretation, preparation, and performance of advanced level keyboard literature from all historical periods. Ensemble and accompaniment skills will be covered as well as keyboard theory and technical aspects of piano playing.

Requisites:**Advisory**

[MUSIC033A - Intermediate Piano](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1 Perform pieces from the standard advance piano literature. (PSLO 1, 2, 4, 6)
- CSLO 2 Play all major and minor scales and arpeggios, hands together, over multiple octaves. (PSLO 1, 6)
- CSLO 3 Play chord progressions and harmonize diatonic melodies using primary and secondary triads and seventh chords in all keys. (PSLO 1, 2, 6)
- CSLO 4 Read four-part chorales and simple three part scores. (PSLO 1, 2, 6)
- CSLO 5 Play four-hand and two-piano ensemble pieces from the standard advance piano literature (PSLO 1, 2, 3, 6)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours**Minimum Credit Units**

1.5

Maximum Credit Units

1.5

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

18.0

Lab Hours

36.0

Activity Hours

0.0

MUSIC-034 Jazz/Rock Keyboard

Units: 1.5

[Print Page](#)

[Back to department listing](#)

Description:

Investigation of fundamental keyboard skills necessary to perform contemporary jazz and rock music. Improvisatory keyboard styles will be discussed, with emphasis on today's keyboard demands. Content includes the function and voicing of chords, melodic harmonization of tunes, and basic improvisational theory.

Requisites:

Advisory

Some basic piano experience

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1 Read and play from a lead sheet (PSLO 1, 2, 3, 6)
- CSLO 2 Decipher, play and perform all triads and 7th chords (PSLO 1, 6)
- CSLO 3 Improvise on a blues progression and a simple ii – V – I progression (PSLO 1, 6)
- CSLO 4 Demonstrate the function of a keyboardist in a performing group (PSLO 1, 3, 6)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours**Minimum Credit Units**

1.5

Maximum Credit Units

1.5

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

18.0

Lab Hours

36.0

Activity Hours

0.0

MUSIC-037 Advanced Guitar

Units: 1.5

[Print Page](#)

[Back to department listing](#)

Description:

Continuing the content of MUSIC-036, students will study with an emphasis on stylistic interpretation, preparation and performance of advanced level guitar literature from a variety of historical periods and styles. Both ensemble and solo playing will be investigated along with technique and music theory.

Requisites:

Advisory

[MUSIC036 - Intermediate Guitar](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1 Perform standard advanced level guitar pieces (PSLO 1, 2, 3, 6)
- CSLO 2 Play all two octave major, minor and pentatonic scales and arpeggios at an advanced level tempo. (PSLO 1, 6)
- CSLO 3 Play twelve major seventh, minor seventh, dominant seventh, diminished, and augmented chords. (PSLO 1, 6)
- CSLO 4 Sight read advanced level pieces (PSLO 1, 2, 6)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

1.5

Maximum Credit Units

1.5

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

18.0

Lab Hours

36.0

Activity Hours

0.0

MUSIC-058 Musical Theatre: Orchestra I

Units: 1.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is devoted to the preparation and presentation of an orchestra for selected musicals. It allows student musicians the opportunity to obtain the experience of performing in a pit orchestra playing the same music as professional theatre orchestras. Offered periodically.

Requisites:

Prerequisite

Fundamental skill on a musical instrument; assessed by audition

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Demonstrate technical proficiency on a pit orchestra/band instrument by being able to perform from memory assigned scale patterns with a variety of articulations. (PSLO #1, 4, 6)
- 2. Demonstrate the ability to perform assigned musical repertoire with the requisite technical skills (PSLO #1, 3, 6)
- 3. Aurally evaluate their own live and recorded musical performances, and those of other groups, in terms of the level of technical, musical, and artistic proficiency displayed in the performances. (PSLO #2, 3, 7)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

1.0

Maximum Credit Units

1.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

54.0

Activity Hours

0.0

MUSIC-060 College Chorus I

Units: 2.0

[Print Page](#)

[Back to department listing](#)

Description:

This class investigates basic choral group fundamentals. Development of basic vocal techniques through large group activities; extensive practice and frequent public performances.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Perform from memory choral patterns which are appropriate for an introductory level of choral performance. (PSLO #1,4,6)
- 2. Perform choral repertoire with the required technical skills. (PSLO #1,3,6)
- 3. Aurally evaluate their own live and recorded musical performances/concerts, and those of other groups, in terms of the level of qualified, musical, and artistic proficiency displayed in performance. (PSLO #2,3,7)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours**Minimum Credit Units**

2.0

Maximum Credit Units

2.0

Total Course In-Class (Contact) Hours

108.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

108.0

Activity Hours

0.0

MUSIC-065 Class Voice

Units: 1.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is an investigation of vocal techniques such as breathing, dictation, vowel production, and tone quality; care of the voice; music reading and vocal interpretation. Singing and basic repertoire include an introductory to foreign language diction and pronunciation. This is a multilevel course in which each student will concentrate on content areas suited to particular ability levels. Possible public recital will be included.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Perform from memory vocal selections which are appropriate for this introductory level of vocal performance. (PSLO #1,4,6)
- 2. Perform vocal repertoire with the required technical skills. (PSLO #1,3,6)
- 3. Aurally evaluate their own live and recorded musical performances/concerts, and those of other vocalist, in terms of the level of qualified, musical, and artistic proficiency displayed in performance. (PSLO #2,3,7)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

1.0

Maximum Credit Units

1.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

54.0

Activity Hours

0.0

MUSIC-066 Gospel Choir

Units: 1.5

[Print Page](#)

[Back to department listing](#)

Description:

The Gospel Choir will offer an introductory experience in the dynamics of performing choral literature from the gospel music tradition. The emphasis of this course will be on developing an understanding and skill in complex rhythm structure, phrasing and vocal production and intonation needed for singing Gospel Music.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Perform from memory gospel choral patterns which are appropriate for singing an introductory form of African American Gospel Music. (PSLO #1,4,6)
- 2. Perform gospel choral repertoire with the required vocal skills. (PSLO #1,3,6)

- 3. Aurally evaluate their own live and recorded musical performances/concerts, and those of other gospel groups, in terms of the level of qualified, musical, and artistic proficiency displayed in performance.(PSLO #2,3,7)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

1.5

Maximum Credit Units

1.5

Total Course In-Class (Contact) Hours

90.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

90.0

Activity Hours

0.0

MUSIC-067 Jazz and Vocal Popular Techniques

Units: 1.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is designed for anyone who wants to learn more about singing popular forms of music such as blues, jazz, gospel and musical theatre selections. Classroom emphasis will be on various stylistic concepts to achieve the modern vocal sound.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Perform from memory popular vocal passages, which are appropriate for this introductory level of vocal popular music performance. (PSLO #1,4,6)
- 2. Perform popular music repertoire with the required technical skills and melodic inflections. (PSLO #1,3,6)
- 3. Aurally evaluate own live and recorded musical performances/concerts, and those of other vocalist, in terms of the level of qualified, musical, and artistic proficiency displayed in performance. (PSLO #2,3,7)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

1.0

Maximum Credit Units

1.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

54.0

Activity Hours

0.0

MUSIC-068 Musical Theatre: Vocal I

Units: 1.0

[Print Page](#)

[Back to department listing](#)

Description:

This class consists of the rehearsal and performance of a contemporary Broadway musical with chorus and leads being selected from the class members. Emphasis will be on fundamentals of vocal techniques as applied to this style of vocal literature.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Demonstrate technical vocal proficiency on contemporary/Broadway style singing by being able to perform from memory assigned scale patterns with a variety of articulations. (PSLO #1, 4, 6)
- 2. Demonstrate the ability to perform assigned musical repertoire with the requisite technical skills (PSLO #1, 3, 6)
- 3. Aurally evaluate their own live and recorded musical performances, and those of other groups, in terms of the level of technical, musical, and artistic proficiency displayed in the performances. (PSLO #2, 3, 7)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours**Minimum Credit Units**

1.0

Maximum Credit Units

1.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

54.0

Activity Hours

0.0

MUSIC-074 Jazz Studio - From Basie Through Coltrane

Units: 2.0

[Print Page](#)

[Back to department listing](#)

Description:

A course for student musicians of basic to intermediate level. Student musician must have fundamental skill on a jazz band instrument playing in a large jazz ensemble. For the student musician wishing to investigate basic jazz band material in the jazz canon in the styles of Duke Ellington, Count Basie, Charlie Parker, Miles Davis, Thad Jones, Slide Hampton and John Coltrane. There are several public performances per semester.

Requisites:

Advisory

Fundamental skill on a jazz band instrument and placement audition by professor.

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

C-ID:

- Music

Comparable course: MUS 180

Student Learning Outcomes:

- CSLO 1: Perform, at a level appropriate to students with one to three years experience playing in large and small jazz ensembles, level-appropriate large jazz band material from 1925 to the present. (PSLO1, 2, 3)
- CSLO 2: Read and interpret music in the specific styles of Duke Ellington, Count Basie, Charlie Parker, Miles Davis, Thad Jones, Slide Hampton and John Coltrane (PSLO 1, 2, 6)
- CSLO 3: Merge solo creative musicianship with the band performance. (PSLO 1, 3, 4)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

2.0

Maximum Credit Units

2.0

Total Course In-Class (Contact) Hours

108.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

108.0

Activity Hours

0.0

MUSIC-077 Chamber Chorale

Units: 2.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is designed to give students experience in chamber choir music from madrigal style to earlier classical styles. The course will develop singing techniques to aid students in performing with proper historical, technical, and stylistic aspects. Frequent public performances included.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Perform from memory classical choral patterns which are appropriate for an introductory level of chamber choral performance. (PSLO #1,4,6)
- 2. Perform chamber choral repertoire with the required technical skills. (PSLO #1,3,6)

- 3. Aurally evaluate their own live and recorded musical performances/concerts, and those of other groups, in terms of the level of qualified, musical, and artistic proficiency displayed in performance. (PSLO #2,3,7)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

2.0

Maximum Credit Units

2.0

Total Course In-Class (Contact) Hours

108.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

108.0

Activity Hours

0.0

MUSIC-082 Intermediate Improvisation Jazz Workshop

Units: 2.0

[Print Page](#)

[Back to department listing](#)

Description:

A course for student musicians with some experience playing and improvising wishing to explore the many styles and varieties of small group jazz playing, from swing to bebop to modal to free to modern mainstream. There are several public performances per semester.

Requisites:

Advisory

3 or more years on a jazz band instrument

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

C-ID:

- Music

Comparable course: MUS 180

Student Learning Outcomes:

- CSLO 1: Perform small group material from 1925 to the present in trios, quartets, quintets, sextets and septets. (PSLO1, 2, 3)
- CSLO 2: Read, interpret and improvise music in such genres as early jazz, swing, bebop, post bop, modal, free bop, 60s jazz and modern mainstream, (PSLO 1, 2, 6)
- CSLO 3: Merge solo creative musicianship with a collective and collaborative improvisatory sensibility. (PSLO 1, 3, 4)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours**Minimum Credit Units**

2.0

Maximum Credit Units

2.0

Total Course In-Class (Contact) Hours

108.0

Course in class (contact) hours**Lecture Hours**

0.0

Lab Hours

108.0

Activity Hours

0.0

MUSIC-089 Music and Recording Industry Business

Units: 2.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is designed to familiarize the student with the primary business and legal aspects of the music/recording industry. Topics include: An overview of the music and recording industries, interrelationships among the various career specialties, career planning, business basics for music/recording entrepreneurs, the business of songwriting & composing, copyright, publishing, bands as businesses, artist representation, record labels, the recording studio from a business perspective, marketing, radio, merchandise, distribution and live performance. Meets the LMC Recording Arts Associate Degree and Certificate requirements and Music Certificate.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Formulate a viable career plan to advance within the music industry. (PSLO 1-3)
- 2. Discuss entrepreneurial options within the music industry and create a basic business plan (PSLO 1-3)
- 3. Negotiate legal and contractual issues (contracts, copyright, etc) common to the music industry, at a fundamental level. (PSLO 1-3)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

2.0

Maximum Credit Units

2.0

Total Course In-Class (Contact) Hours

36.0

Course in class (contact) hours

Lecture Hours

36.0

Lab Hours

0.0

Activity Hours

0.0

MUSIC-093 Studio Music Production I

Units: 2.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is for students wanting to produce music using professional music studio equipment. With this lecture/demonstration and hands on class, students will be able to build a music studio and learn the basic operation of electronic musical equipment. The pieces of electronic musical equipment include MIDI synthesizer, music workstations, computer workstations, groove boxes, drum machines, soft-synthesizers, sequencers, and new products as the industry advances. This is an introductory course and it is intended to build a strong foundation in understanding studio music operation, whether the student is interested in composition, making beats and/or being a producer.

Requisites:

Advisory

[MUSIC015 - Basic Music](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1) Build a functional electronic music studio (PSLO 5; OESLO 1, 2, 3, 4)
- CSLO 2) Create multi-track MIDI sequences using a variety of electronic musical components (PSLO 1, 5; OESLO 1, 2, 3,4)
- CSLO 3) Explain and describe terminology found in the electronic music environment. (PSLO 5, 7; OESLO 2, 4

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

2.0

Maximum Credit Units

2.0

Total Course In-Class (Contact) Hours

90.0

Course in class (contact) hours

Lecture Hours

18.0

Lab Hours

72.0

Activity Hours

0.0

MUSIC-094 Studio Music Production II

Units: 2.0

[Print Page](#)

[Back to department listing](#)

Description:

For students wanting to be music studio producers. Students will be able to learn various roles of music production. Music roles to be explored include the artist, producer, manager, business manager, agent, and songwriter. Discussion will include issues regarding management contracts, partnership/band contracts, agency contracts. Business entities will be explored. Students will learn to compose an intermediate-level original musical work using electronic musical equipment.

Requisites:

Advisory

[MUSIC015 - Basic Music](#)

Advisory

[MUSIC016 - Music Theory I](#)

Advisory

MUSIC-028

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1. Compare and contrast the appropriate business entity for a various music technology businesses (PSLO 5)
- CSLO 2) Describe and explain the many roles of the producer. (PSLO 7)
- CSLO 3) Describe and explain basic contractual terms and issues relating to music business. (PSLO 5)
- CSLO 4) Write and create an intermediate-level musical composition in various compositional styles (such as Classical, Jazz, Rock, R&B, Popular, Metal etc.) using electronic musical equipment. (PSLO 1, 5, 6)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

2.0

Maximum Credit Units

2.0

Total Course In-Class (Contact) Hours

90.0

Course in class (contact) hours**Lecture Hours**

18.0

Lab Hours

72.0

Activity Hours

0.0

Nursing - Registered

Program Information

Degree(s) and/or certificates and courses listed below.

Degrees and Certificates

[Registered Nursing Associate of Science \(AS\)](#)

Course Information

[RNURS001 - Nursing Career Seminar](#)
[RNURS020 - Transition to the RN Program](#)
[RNURS022 - Fundamentals of Nursing Practice](#)
[RNURS023 - Nursing Skills Simulation I](#)
[RNURS024 - Pharmacology for the RN Program I](#)
[RNURS026 - Nursing in Health & Illness I](#)
[RNURS027 - Nursing Skills Simulation II](#)
[RNURS028 - Pharmacology for RN Program II](#)
[RNURS030 - Leadership/Management and Professionalism in Nursing](#)
[RNURS031 - Nursing in Health and Illness II](#)
[RNURS033 - Nursing Skills Simulation III](#)
[RNURS034 - Pharmacology for RN Program III](#)
[RNURS036 - Nursing in Health and Illness III](#)
[RNURS038 - Nursing Skills Simulation IV](#)
[RNURS039 - Pharmacology for RN Program IV](#)
[RNURS098 - Independent Study in Registered Nursing](#)

[Back to department listing](#)

Registered Nursing Associate of Science (AS)

A.S. Degree Local

[Print Page](#)

[Back to department listing](#)

Units:

77.0 - 80.0 units

All students who meet admissions requirements are eligible to apply to the nursing programs.
Criteria and complete information on the selection process as well as the philosophy and objectives

of each program are described in the Nursing Applicant Handbook, which is available in the LMC Bookstore and on the LMC web site (www.losmedanos.edu/nursing) The handbook also contains complete information on all options for advanced placement. Please refer to the Handbook and Nursing Department website for updates and estimated costs for the program The registered nursing program requires two academic years beyond completion of the prerequisite courses and General Education requirements. Completion of prerequisite courses and required GPA are required for admission eligibility to the program. Only those students formally admitted to the program may enroll in registered nursing courses. Students may, however, enroll in other non-nursing courses designated as part of the registered nursing curriculum while awaiting admission to the program. Completion of the Registered Nursing Program at Los Medanos College qualifies students to take the State Board Examination (NCLEX-RN) for licensure as a Registered Nurse (RN). Please refer to the current version of the Registered Nursing Applicant Handbook for prerequisite requirements, application submission dates and the application to the Registered Nursing Program. Catalog Rights do not pertain to prerequisite courses and program requirements.

Toggle

Program Learning Outcomes

- 1. Be academically and clinically prepared to obtain employment as a neophyte registered nurse.
- 2. Apply the nursing process to research, evaluate, analyze, and synthesize information.
- 3. Utilize appropriate written and verbal communication techniques to ensure optimal communication with patients, family members, and other members of the healthcare team.
- 4. Implement nursing interventions utilizing current technology based upon scientific rationales.
- 5. Demonstrate skills and knowledge necessary to take and pass the National Council's Licensure Examination (NCLEX-RN).

Toggle

Program Requirements

A.S. Degree Local

Required Courses for Major (Total 47)

Complete all of the following

[RNURS022 - Fundamentals of Nursing Practice](#) 9.5
[RNURS023 - Nursing Skills Simulation I](#) 1
[RNURS024 - Pharmacology for the RN Program I](#) 1
[RNURS026 - Nursing in Health & Illness I](#) 9.5
[RNURS027 - Nursing Skills Simulation II](#) 1
[RNURS028 - Pharmacology for RN Program II](#) 1

RNURS030 - Leadership/Management and Professionalism in Nursing 1
RNURS031 - Nursing in Health and Illness II 9.5
RNURS033 - Nursing Skills Simulation III 1
RNURS034 - Pharmacology for RN Program III 1
RNURS036 - Nursing in Health and Illness III 9.5
RNURS038 - Nursing Skills Simulation IV 1
RNURS039 - Pharmacology for RN Program IV 1

RNURS-036 Nursing in Health and Illness III

Units: 9.5

[Print Page](#)

[Back to department listing](#)

Description:

Presents advanced concepts and skills in caring for the client with critical or multiple health problems. Emphasizes rehabilitation and adaptation to a compromised and/or declining health status. Concurrent practice in the college laboratory and clinical experience in community facilities.

Requisites:

Prerequisite

Must have been admitted to the Registered Nursing program Prerequisite

[RNURS031 - Nursing in Health and Illness II](#)

Prerequisite

[RNURS033 - Nursing Skills Simulation III](#)

Prerequisite

[RNURS034 - Pharmacology for RN Program III](#)

Co-Requisite

[RNURS030 - Leadership/Management and Professionalism in Nursing](#)

Co-Requisite

[RNURS038 - Nursing Skills Simulation IV](#)

Co-Requisite

[RNURS039 - Pharmacology for RN Program IV](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

LMC Local AA/AS - General Education Requirements:

- A. Natural Sciences

Student Learning Outcomes:

- 1. Describe the patient's symptomatology and pathophysiology and explain the bi-directionality of treatments and treatment ramifications for adult psychiatric and up to four adult medical surgical patients. (PSLO 4)
- 2. Utilize the Nursing Process to Assess, Diagnose, Plan, Implement, and Evaluate care for the adult psychiatric patient and up to 5 medical surgical patients. (PSLO 2)
- 3. Use the patient's developmental level, psychosocial status and cultural preferences to provide individualized care. (PSLO 4)
- 4: Utilize appropriate verbal and written communication techniques with the health care team that ensures effective delivery of required information. (PSLO 3)
- 5. Identify and analyze ethical issues arising from the treatment of patients in their care in the clinical setting. (PSLO 1)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

9.5

Maximum Credit Units

9.5

Total Course In-Class (Contact) Hours

387.0

Course in class (contact) hours

Lecture Hours

72.0

Lab Hours

315.0

Activity Hours

0.0

RNURS-038 Nursing Skills Simulation IV

Units: 1.0

[Print Page](#)

[Back to department listing](#)

Description:

Instructor demonstration and student return demonstration of higher level nursing concepts including but not limited to organ donation, blood transfusions, blood draws, central lines, cardiac arrest and rhythm strip interpretation. Simulation of patient care situations with traditional manikins as well as hi-fidelity manikins provide for development of proficiency in preparation for actual patient care in the clinical setting. Drug dosage calculations are continued to maintain proficiency.

Requisites:

Prerequisite

Must have been admitted to the Registered Nursing program **Prerequisite**

[RNURS031 - Nursing in Health and Illness II](#)

Prerequisite

[RNURS033 - Nursing Skills Simulation III](#)

Prerequisite

[RNURS034 - Pharmacology for RN Program III](#)

Co-Requisite

[RNURS036 - Nursing in Health and Illness III](#)

Co-Requisite

[RNURS039 - Pharmacology for RN Program IV](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Apply appropriate techniques for performance of rhythm strip interpretation and management of cardiac arrest/code blue. (PSLO 1, 2, 3, 4, 5)
- 2. Apply appropriate techniques to perform skills related to drawing blood and transfusing blood. (PSLO 1, 2, 3, 4, 5)
- 3. Identify appropriate techniques for management of central venous lines including a sterile central line dressing change. (PSLO 1, 2, 3, 4, 5)
- 4. Identify appropriate techniques for management of clients providing or receiving organ donations. (PSLO 1, 2, 3, 4, 5)
- 5. Apply appropriate techniques for nursing care to a clinical situation with a hi-fidelity manikin. (PSLO 1, 2, 3, 4, 5)
- 6. Solve drug dosage calculations. (PSLO 1 and 5)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours**Minimum Credit Units**

1.0

Maximum Credit Units

1.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

54.0

Activity Hours

0.0

RNURS-039 Pharmacology for RN Program IV

Units: 1.0

[Print Page](#)

[Back to department listing](#)

Description:

This fourth semester of pharmacology expands upon the principles and drug administration introduced in the previous three semesters. Specific drug classifications covered include, but are not limited to anti-anxiety agents, anti-depressive agents, anti-psychotics, sedative-hypnotics, and drugs to control cardiac dysrhythmia and seizures. Drug dosage calculations continue to be a focus of this course.

Requisites:

Prerequisite

Must have been admitted to the Registered Nursing program Prerequisite

[RNURS031 - Nursing in Health and Illness II](#)

Prerequisite

[RNURS033 - Nursing Skills Simulation III](#)

Prerequisite

[RNURS034 - Pharmacology for RN Program III](#)

Co-Requisite

[RNURS030 - Leadership/Management and Professionalism in Nursing](#)

Co-Requisite

[RNURS036 - Nursing in Health and Illness III](#)

Co-Requisite

[RNURS038 - Nursing Skills Simulation IV](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Apply the Nursing Process to drug administration. (PSLO #1,2)
- 2. Provide expanded information on drug classifications, actions, and nursing implications (PSLO #3)
- 3. Demonstrate safe administration per different routes of medication administration: PO, IV, parenteral routes, PR, vaginal, etc. (PSLO #4,5)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

1.0

Maximum Credit Units

1.0

Total Course In-Class (Contact) Hours

18.0

Course in class (contact) hours

Lecture Hours

18.0

Lab Hours

0.0

Activity Hours

0.0

RNURS-020 Transition to the RN Program

Units: 0.3

[Print Page](#)

[Back to department listing](#)

Description:

This RN transition course is required of nursing students who meet the admission criteria to be accepted into the third semester of the Registered Nursing program as Licensed Vocational Nurses (LVN) or as transfer students. Emphasis is on Nursing Process, the RN scope of practice, the Registered Nursing program curriculum plan and expectations, competency in drug dosage calculations, and use of campus resources.

Requisites:

Prerequisite

Accepted to the Registered Nursing Transition Program

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Compare and contrast the role and responsibilities of the registered nurse versus the licensed vocational nurse. (PSLO #1)
- 2. Apply the Nursing Process in a simulated case study setting. (PSLO #1)
- 3. Complete drug dosage calculations for adults and children using the calculation method of choice. (PSLO #1 & #5)

Grade Options:

- Pass/No Pass (P/NP)

Toggle

Units and Hours**Minimum Credit Units**

0.3

Maximum Credit Units

0.3

Total Course In-Class (Contact) Hours

6.0

Course in class (contact) hours**Lecture Hours**

6.0

Lab Hours

0.0

Activity Hours

0.0

RNURS-001 Nursing Career Seminar

Units: 0.3

[Print Page](#)

[Back to department listing](#)

Description:

This seminar introduces students to the nursing profession and discusses current trends related to the profession. Emphasis is placed on introducing the student to the professional standards of practice of the registered nurse and the licensed vocational nurse. The student is provided with an overview of the course requirements needed to qualify for the Los Medanos nursing programs.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Not transferable

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Compare and contrast the role and responsibilities of the registered nurse versus the licensed vocational nurse.
- 2. Explain the educational preparation required to become a registered nurse versus a licensed vocational nurse.

Grade Options:

- Pass/No Pass (P/NP)

Toggle

Units and Hours**Minimum Credit Units**

0.3

Maximum Credit Units

0.3

Total Course In-Class (Contact) Hours

6.0

Course in class (contact) hours**Lecture Hours**

6.0

Lab Hours

0.0

Activity Hours

0.0

RNURS-022 Fundamentals of Nursing Practice

Units: 9.5

[Print Page](#)

[Back to department listing](#)

Description:

Concepts that provide the foundation upon which homeostasis is maintained in adults and/or children are covered. Common threads integrated throughout the program are nursing process, nutrition, developmental levels, cultural diversity, therapeutic communication, and the professional role of the registered nurse. Concurrent practice in the nursing laboratory and in clinical facilities in the community is included.

Requisites:**Prerequisite**

Must be admitted to the Registered Nursing Program

Co-Requisite

[RNURS023 - Nursing Skills Simulation I](#)

Co-Requisite

[RNURS024 - Pharmacology for the RN Program I](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Apply the Nursing Process to maintain homeostasis and safety for clients (PSLO 2)
- 2. Provide basic care that incorporates the client's cultural background and developmental level (PSLO 1 & 4)
- 3. Utilize appropriate verbal and written communication techniques to ensure safe delivery of client care. (PSLO 3)
- 4. Apply nursing ethics in nursing practice and decision making (PSLO 5)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

9.5

Maximum Credit Units

9.5

Total Course In-Class (Contact) Hours

369.0

Course in class (contact) hours**Lecture Hours**

72.0

Lab Hours

297.0

Activity Hours

0.0

RNURS-027 Nursing Skills Simulation II

Units: 1.0

[Print Page](#)

[Back to department listing](#)

Description:

This course includes professor demonstration and student return demonstration of higher level nursing concepts related to diabetic medical-surgical nursing care, parenteral medication administration, nasogastric tube placement and care, ostomy care, maternity, and new born nursing care. Simulation of patient care situations provide for development of proficiency in preparation for actual patient care in the clinical setting. Drug dosage calculation practice is continued.

Requisites:**Prerequisite**

Admission to the Registered Nursing program Prerequisite

[RNURS022 - Fundamentals of Nursing Practice](#)

Prerequisite

[RNURS023 - Nursing Skills Simulation I](#)

Prerequisite

[RNURS024 - Pharmacology for the RN Program I](#)

Co-Requisite

[RNURS026 - Nursing in Health & Illness I](#)

Co-Requisite

[RNURS028 - Pharmacology for RN Program II](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Apply appropriate techniques related to caring for the laboring or postpartum woman and/or newborn clients. (PSLO 1, 2, 3, 4, 5)
- 2. Apply appropriate techniques related to client health and safety. (PSLO 1, 2, 3, 4, 5)
- 3. Apply appropriate techniques related to parenteral medication administration. (PSLO 1, 2, 3, 4, 5)
- 4. Apply appropriate techniques related to alternative routes of intake and elimination (PSLO 1, 2, 3, 4, 5)
- 5. Solve basic drug dosage calculation problems. (PSLO 1 and 5)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

1.0

Maximum Credit Units

1.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

54.0

Activity Hours

0.0

RNURS-026 Nursing in Health & Illness I

Units: 9.5

[Print Page](#)

[Back to department listing](#)

Description:

This course expands upon the concepts presented in RNURS-022 Fundamentals of Nursing Practice. This semester includes medical-surgical, peri-operative, maternity and Newborn nursing care. Concepts include principles of care to maintain and restore homeostatic mechanisms in clients of all ages with an emphasis on client and family education, disease prevention and health promotion. Concurrent practice in the nursing skills laboratory and clinical facilities in the community is included.

Requisites:**Prerequisite**

Must have been admitted to the Registered Nursing Program

Prerequisite

[RNURS022 - Fundamentals of Nursing Practice](#)

Prerequisite

[RNURS023 - Nursing Skills Simulation I](#)

Prerequisite

[RNURS024 - Pharmacology for the RN Program I](#)

Co-Requisite

[RNURS027 - Nursing Skills Simulation II](#)

Co-Requisite

[RNURS028 - Pharmacology for RN Program II](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Apply the Nursing process to assess, diagnose, plan, implement, and evaluate client care for two clients as appropriate for the student's level.
- 2. Explain the relationship between pathophysiology and treatment of a specific client in a clinical setting.
- 3. Incorporate development level, cultural influences and psychosocial factors in providing therapeutic care for a client
- 4. Utilize appropriate verbal and written communication techniques to ensure optimal communication of required information within the nursing program and in caring for clients in the clinical setting.

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

9.5

Maximum Credit Units

9.5

Total Course In-Class (Contact) Hours

369.0

Course in class (contact) hours

Lecture Hours

72.0

Lab Hours

297.0

Activity Hours

0.0

RNURS-028 Pharmacology for RN Program II

Units: 1.0

[Print Page](#)

[Back to department listing](#)

Description:

This second semester of pharmacology expands upon the principles and drug administration techniques introduced in the first semester. Specific drug classifications covered include oral contraceptives, tocolytics, uterine stimulants, newborn medications, anesthetics, antibiotics, diuretics, Insulin, oral hypoglycemics, anti-anginals, antihypertensives, prescriptives for the gastrointestinal system and prescriptive used to improve respiratory function.

Requisites:

Prerequisite

Admitted to the Registered Nursing program. **Prerequisite**
[RNURS022 - Fundamentals of Nursing Practice](#)

Prerequisite

[RNURS023 - Nursing Skills Simulation I](#)

Prerequisite

[RNURS024 - Pharmacology for the RN Program I](#)

Co-Requisite

[RNURS026 - Nursing in Health & Illness I](#)

Co-Requisite

[RNURS027 - Nursing Skills Simulation II](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Administer safely all routes of medication except intravenous following the six rights (PSLO #1, 3 & 5).
- 2. Evaluate the effectiveness of, and recognize adverse reactions to administered medications. (PSLO #4)
- 3. Utilize the nursing process in medication administration. (PSLO #2)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

1.0

Maximum Credit Units

1.0

Total Course In-Class (Contact) Hours

18.0

Course in class (contact) hours

Lecture Hours

18.0

Lab Hours

0.0

Activity Hours

0.0

RNURS-023 Nursing Skills Simulation I

Units: 1.0

[Print Page](#)

[Back to department listing](#)

Description:

This course includes instructor demonstration and student return demonstration of nursing skills related to Foundations of Nursing Practice. The simulation of patient care situations provide for development of proficiency in preparation for actual patient care in the clinical setting. Basic calculation of drug dosages is also initiated.

Requisites:

Prerequisite

Must have been admitted to Registered Nursing Program

Co-Requisite

RNURS022 - Fundamentals of Nursing Practice

Co-Requisite

RNURS024 - Pharmacology for the RN Program I

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Safely apply appropriate techniques to perform Activities of Daily Living (ADLs) with a client. (PSLO 1, 2, 3, 4, 5)
- 2. Apply appropriate techniques for Client and Staff Safety. (PSLO 1, 2, 3, 4, 5)
- 3. Perform a complete Physical Assessment and Vital Signs on a client. (PSLO 1, 2, 3, 4, 5)
- 4. Solve basic drug dosage calculation problems. (PSLO 1 and 5)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

1.0

Maximum Credit Units

1.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

54.0

Activity Hours

0.0

RNURS-024 Pharmacology for the RN Program I

Units: 1.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is designed to introduce beginning nursing students to their role and responsibilities in the safe administration of medications in the clinical setting. Basic principles of medication administration such as the Six Rights (right patient, right drug, right dose, right time, right route, right documentation). Pharmacodynamics of drug absorption, metabolism and distribution through various routes along with other basic principles of pharmacology are introduced.

Requisites:

Prerequisite

Must have been admitted to the Registered Nursing program Co-Requisite

[RNURS022 - Fundamentals of Nursing Practice](#)

Co-Requisite

[RNURS023 - Nursing Skills Simulation I](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Administer safely oral, rectal, vaginal, otic, optic, inhaled and topical medications following the six rights. (PSLO #1, 3 & 5)
- 2. Evaluate the effectiveness of, and recognize adverse reactions to administered medications. (PSLO #4)
- 3. Utilize the nursing process in medication administration. (PSLO #2)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

1.0

Maximum Credit Units

1.0

Total Course In-Class (Contact) Hours

18.0

Course in class (contact) hours

Lecture Hours

18.0

Lab Hours

0.0

Activity Hours

0.0

RNURS-030 Leadership/Management and Professionalism in Nursing

Units: 1.0

[Print Page](#)

[Back to department listing](#)

Description:

This course introduces the students to the professional role of the registered nurse in the healthcare setting. Topics covered include, but are not limited to, nursing practice and the law; ethics and ethical principles; dealing with problems and conflicts; organizational structures in healthcare; delegation of client care; scope of practice and management of client care. Leadership and management principles are applied to the health care field.

Requisites:

Prerequisite

Must have been admitted to the Registered Nursing program. Co-Requisite

[RNURS036 - Nursing in Health and Illness III](#)

Co-Requisite

[RNURS038 - Nursing Skills Simulation IV](#)

Co-Requisite

[RNURS039 - Pharmacology for RN Program IV](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Discuss and demonstrate qualities and behaviors that contribute to effective leadership and management in the evolving health care setting.
- 2. Identify and discuss common sources of conflict, including ethical dilemmas, between nurses and their peers, management, and clients in the health care setting.
- 3. Apply the theory of problem resolution to identified problems such as multiple role demands, threats to safety and security, scarce resources, increased workload, and legal issues in the health care setting.

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

1.0

Maximum Credit Units

1.0

Total Course In-Class (Contact) Hours

18.0

Course in class (contact) hours

Lecture Hours

18.0

Lab Hours

0.0

Activity Hours

0.0

RNURS-031 Nursing in Health and Illness II

Units: 9.5

[Print Page](#)

[Back to department listing](#)

Description:

Expands upon concepts presented in RNURS-022 and 026 by introducing principles of care to maintain and/or restore homeostatic mechanisms in acute health problems. Prototype disease processes associated with each concept are studied in relation to preventive and restorative nursing care. Concurrent practice in the college laboratory and clinical experience in community facilities.

Requisites:

Prerequisite

Must have been admitted to the Registered Nursing program Prerequisite

[RNURS026 - Nursing in Health & Illness I](#)

Prerequisite

[RNURS027 - Nursing Skills Simulation II](#)

Prerequisite

[RNURS028 - Pharmacology for RN Program II](#)

Co-Requisite

[RNURS033 - Nursing Skills Simulation III](#)

Co-Requisite

[RNURS034 - Pharmacology for RN Program III](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Describe the patient's symptomatology, pathophysiology and explain the bi-directionality of treatments and treatment ramifications for pediatric and adult medical surgical patients. (PSLO 4)
- 2. Utilize the Nursing Process to Assess, Diagnose, Plan, Implement, and Evaluate patient care for the pediatric patient and adult patients as appropriate for the students level. (PSLO 2)
- 3. Use the patient's developmental level, psychosocial status and cultural preferences to provide individualized care. (PSLO 4)
- 4. Utilize appropriate verbal and written communication techniques with the health care team that ensures effective delivery of required information. (PSLO 3)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours**Minimum Credit Units**

9.5

Maximum Credit Units

9.5

Total Course In-Class (Contact) Hours

369.0

Course in class (contact) hours

Lecture Hours

72.0

Lab Hours

297.0

Activity Hours

0.0

RNURS-034 Pharmacology for RN Program III

Units: 1.0

[Print Page](#)

[Back to department listing](#)

Description:

Third semester of pharmacology principles expands upon the principles and drug administration techniques introduced in the previous two semesters. Specific drug classifications covered include but are not limited to anticoagulants, antifungals, antivirals, antidiabetic medications.

Requisites:

Prerequisite

Must have been admitted to the Registered Nursing Program Prerequisite

[RNURS026 - Nursing in Health & Illness I](#)

Prerequisite

[RNURS027 - Nursing Skills Simulation II](#)

Prerequisite

[RNURS028 - Pharmacology for RN Program II](#)

Co-Requisite

[RNURS031 - Nursing in Health and Illness II](#)

Co-Requisite

[RNURS033 - Nursing Skills Simulation III](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Apply the Nursing Process to drug administration.
- 2. Provide expanded information on drug classifications, actions, interactions, and nursing considerations in the adult and pediatric population.
- 3. Demonstrate safe administration of PO/IM/SQ/ID/IV medications in the adult and pediatric population.
- 4. Demonstrate accurate calculation of drug dosages.

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

1.0

Maximum Credit Units

1.0

Total Course In-Class (Contact) Hours

18.0

Course in class (contact) hours

Lecture Hours

18.0

Lab Hours

0.0

Activity Hours

0.0

RNURS-033 Nursing Skills Simulation III

Units: 1.0

[Print Page](#)

[Back to department listing](#)

Description:

This course includes professor demonstration and student return demonstration of higher level nursing concepts related to suctioning and tracheostomy care, chest tube management, IV management, epidural and patient controlled analgesia, and laboratory values. The simulation of client care situations provide for development of proficiency in preparation for actual client care in the clinical setting. Drug dosage calculations are continued with introduction of IV calculations.

Requisites:

Prerequisite

Admission to the Registered Nursing program **Prerequisite**

[RNURS026 - Nursing in Health & Illness I](#)

Prerequisite

[RNURS027 - Nursing Skills Simulation II](#)

Prerequisite

[RNURS028 - Pharmacology for RN Program II](#)

Co-Requisite

[RNURS031 - Nursing in Health and Illness II](#)

Co-Requisite

[RNURS034 - Pharmacology for RN Program III](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Apply appropriate techniques to maintenance of alternative airways. (PSLO 1, 2, 3, 4, 5)
- 2. Apply appropriate techniques to perform skills related to intravenous fluid and medication therapy. (PSLO 1, 2, 3, 4, 5)
- 3. Identify appropriate techniques for management of client pain. (PSLO 1, 2, 3, 4, 5)
- 4. Identify appropriate techniques for management of closed chest drainage systems. (PSLO 1, 2, 3, 4, 5)
- 5. Interpret laboratory values. (PSLO 1, 2, 3, 4, 5)
- 6. Solve intravenous fluid and medication drug dosage calculations. (PSLO 1 and 5)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

1.0

Maximum Credit Units

1.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

54.0

Activity Hours

0.0

RNURS-098 Independent Study in Registered Nursing

Units: 0.5-3.0

[Print Page](#)

[Back to department listing](#)

Description:

Provides students an opportunity to design and pursue their own interests within a particular area. Projects reflecting cultural diversity and/or societal issues will be greatly encouraged. A contract must be drawn between the student and the instructor stipulating the goals of the independent study, the content, the method of approach, the estimated time involved, and the periodic evaluation to be used. repeated for credit.

Requisites:

None

Course Note:

Submission of acceptable educational contract to department and Instruction Office is required.

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- Meet outcomes as specified in the approved Application for Independent Study.
- Gain knowledge and skill through the successful completion of an independent study course.
- Demonstrate and/or apply independent academic learning skills.

Grade Options:

- Pass/No Pass (P/NP)

- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

0.5

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

162.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

162.0

Activity Hours

0.0

Nutrition

Program Information

Courses listed below.

Course Information

[NUTRI055 - Introduction to Nutrition](#)

[Back to department listing](#)

NUTRI-055 Introduction to Nutrition

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

A study of the basic principles to be utilized for personal and family needs. Topics covered include the significance of food in human life; the various nutrients and energy; nutrition throughout the life cycle; selection of an adequate diet for health and disease prevention; the problems of over-nutrition and under-nutrition; and sources of valid nutrition information.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Identify, compare, and utilize different guidelines, patterns, and plans, for assessing and ensuring nutritional adequacy.
- 2. Apply the principle of nutrition to daily food selection throughout the life cycle as well as to those under their care.
- 3. Evaluate and assess reliable sources of nutritional information and identify beliefs which are considered to be food fads and quackery.
- 4. Identify major nationwide and worldwide concerns and trends which relate to nutritional well being and be able to apply knowledge learned to promote global sustainability.

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

Philosophy**Program Information**

Degree(s) and/or certificates and courses listed below.

Degrees and Certificates

[Philosophy Associate in Arts for Transfer Degree \(AAT\)](#)

Course Information

[PHIL100 - Introduction to Philosophy](#)

[PHIL110 - Critical Thinking and Composition](#)

[PHIL120 - Introduction to Ethics](#)

PHIL122 - Contemporary Moral Issues
PHIL130 - History of Ancient Philosophy
PHIL132 - History of Modern Philosophy
PHIL133 - Philosophy of Political Theory and Thought
PHIL140 - Philosophy of Religion
PHIL150 - Philosophy Through Film and Literature
PHIL151 - Philosophy of the Arts
PHIL210 - Symbolic Logic

[Back to department listing](#)

Philosophy Associate in Arts for Transfer Degree (AAT)

A.A. Degree for Transfer

[Print Page](#)

[Back to department listing](#)

Units:

60 units

Philosophy concerns the study of fundamental questions that arise in different areas of human experience, thought, or practice. These include but are not limited to, questions such as: What is reality? Does God exist? What is good and just? What ought I to do? What is the nature of the self? Does human existence have meaning? Students who engage with these questions and are able to think and articulate viewpoints clearly and in an informed fashion not only enhance their own lives, but contribute significantly to improving their interpersonal relationships, community and society; laying the foundations for a critical and meaningful discussion about social issues, justice, politics and economics. The Associate in Arts in Philosophy for Transfer at Los Medanos College is designed to prepare students to transfer and study at a California State University. Students who complete this program will have knowledge of philosophical methodologies and core philosophy theories, while learning critical thinking skills. The Associates in Arts in Philosophy for Transfer Degree is intended for students who plan to receive a Bachelor's degree in philosophy, a foundation in philosophy to supplement graduate studies or students seeking to transfer to and complete a bachelor's degree in a similar major. The AA-T in philosophy can be a strong supplement to an education in law, medicine, public policy, or any field in which, critical thinking, ethics or creative problem solving is valued. To earn the Associate Degree for Transfer: 1. Completion of 60 semester units or 90 quarter units of degree-applicable courses, 2. Minimum overall grade point average of 2.0, 3. Minimum grade of "C" (or "P") for each course in the major, and 4. Completion of IGETC and/or CSU GE-Breadth Certain ADTs are based on completion of IGETC for STEM or CSU GE-Breadth for STEM.

Toggle

Program Learning Outcomes

- 1. Citizenship – Develop and apply ethical responsibility and care in academics, the workplace, and global and local communities, while respecting and engaging with a diversity of beliefs, cultures, values, abilities, genders, races, ages, and sexual orientations.
- 2. Critical Engagement – Become a critical co-investigators of a pluralistic world towards the agency to apply critical thinking to themselves, their communities and their societies, imparting an ethical imperative.
- 3. Philosophical Enquiry – Apply the methodologies of philosophy and critical thinking to describe and analyze philosophical and interdisciplinary problems and issues, including in historical context.
- 4. . Philosophical Expression – Express complex philosophical ideas and arguments in clear, coherent and cogent written and oral communication.

Toggle

Program Requirements

A.A. Degree for Transfer

Required Courses

Required Course for Major (Total 18)

Complete all of the following

Required Course for Major (Total 3)

Complete the following number of credits: 3

[PHIL210 - Symbolic Logic](#) 3

Required Course for Major (Total 3)

Complete the following number of credits: 3

[PHIL100 - Introduction to Philosophy](#) 3

[PHIL120 - Introduction to Ethics](#) 3

List A: Select one from List A or any Required Core Course Not Already Used (Total 3)

Complete the following number of credits: 3

[PHIL130 - History of Ancient Philosophy](#) 3

[PHIL132 - History of Modern Philosophy](#) 3

List B: Select two Courses including any Course from List A Not Already Used (Total 6)

Complete the following number of credits: 6

[PHIL122 - Contemporary Moral Issues](#) 3

[PHIL133 - Philosophy of Political Theory and Thought](#) 3

[PHIL140 - Philosophy of Religion](#) 3

List C: Select one Course from List A or List B Not Already Used (Total 3)

Complete the following number of credits: 3

[PHIL150 - Philosophy Through Film and Literature](#) 3

[PHIL151 - Philosophy of the Arts](#) 3

PHIL-100 Introduction to Philosophy

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

Students will critically engage with core philosophical issues and questions, found in primary texts, regarding the topics of metaphysics, epistemology and possible other topics such as ethics, political philosophy, philosophy of religion, history of philosophy, philosophy of self and a life well lived. This course provides a survey of the discipline in its methodology and subject matter, allowing students the opportunity to understand themselves, their community and the pluralistic world around them, introducing students to evaluating philosophical arguments, methods, assumptions, and principles for consistency, relevance, and truth.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

LMC Standard AA/AS - General Education Requirements:

- C. Arts & Humanities

CSU - General Education - Breadth Requirements:

- Area C2: Humanities

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 3B: Humanities

C-ID:

- Philosophy

Comparable course: PHIL-100

Student Learning Outcomes:

- 1. Formulate oral and written arguments on major philosophical questions such as the existence of God, free will, reality, knowledge, a life well lived, or others addressed in the course. (GESLO 1; PLSO 2, 3, 4)
- 2. Recognize and analyze how philosophical questions are rooted in and inform social, political and ethical issues and make connections to our own experiences. (GESLO 2, 4; PSLO 1, 2, 3)
- 3. Critically evaluate theories, from a diverse body of viewpoints, concerning metaphysics, epistemology and other theories addressed in the course using primary texts, such as the existence of God, free will or a life well lived. (GESLO 3, 5; PSLO 1, 2)
- 4. Compare and contrast differing theories, from a diverse body of viewpoints, concerning metaphysics, epistemology and other theories addressed in the course using primary texts, such as the existence of God, free will or a life well lived. (GESLO 5; PSLO 1, 2, 3)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours**Lecture Hours**

54.0

Lab Hours

0.0

Activity Hours

0.0

PHIL-110 Critical Thinking and Composition

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course provides instruction in critical thinking, including traditional logic and argumentative composition. A series of substantial writing assignments (a minimum of 6,000 words total) focus on increasing the sophistication of students' argumentative writing skills. Theoretical models of critical thinking and composition will be applied to academic fields and textbooks, electronic and print media, advertisements, ethics, politics, and multi-cultural issues. Writing assignments will be evaluated for their quality in both critical thinking and composition.

Requisites:

Prerequisite

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:**IGETC - Requirements for Students Transferring to CSU or UC:**

- Area 1B: Critical Thinking - Composition

CSU - General Education - Breadth Requirements:

- Area A3: Critical Thinking

LMC Local AA/AS - General Education Requirements:

- LR: Language and Rationality
- AH: Arts and Humanities

Student Learning Outcomes:

- 1. Critically analyze and evaluate inductive and deductive arguments in readings on ethical, political and multi-cultural themes and issues. (PSLO 1, 2, 3)
- 2. Compose argumentative essays which demonstrate critical thinking skills. (PSLO 2, 3, 4)
- 3. Integrate advanced lower-division composition skills into essays: effective essay structure, continuity, emphasis and subtlety, elements of style, grammatical accuracy, audience awareness, and the components of persuasion. (PSLO 2, 4)
- 4. Recognize and differentiate common logical errors and fallacies. (PSLO 1, 2, 3)

Grade Options:

- Letter Grade Methods (LR)
- Student Choice (SC)
- Satisfactory Progress (SP)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours**Lecture Hours**

54.0

Lab Hours

0.0

Activity Hours

0.0

PHIL-120 Introduction to Ethics

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course introduces students to the core philosophical ethical theories and their application to contemporary moral issues. These theories include but are not limited to Utilitarianism, Kantian Deontology and Virtue ethics, which may be applied to such issues as abortion, euthanasia, genetic engineering, terrorism. Students will be introduced to employing critical thinking and logic to analyze these theories and issues, making ethical evaluations and finding their own ethical imperative.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

LMC Standard AA/AS - General Education Requirements:

- C. Arts & Humanities

CSU - General Education - Breadth Requirements:

- Area C2: Humanities

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 3B: Humanities

C-ID:

- Philosophy

Comparable course: PHIL 120

Student Learning Outcomes:

- 1. Critically analyze theories in a culturally diverse body of ethical theories through primary texts, including utilitarianism, deontology and virtue ethics. (GESLO 3, 4, 5; PLSO 1, 2, 3)
- 2. Critically evaluate a culturally diverse body of ethical theories, including utilitarianism, deontology and virtue ethics, in their effectiveness to address ethical issues. (GESLO 3, 4, 5; PLSO 1, 2, 3)
- 3. Apply ethical theories to contemporary moral, political and social issues. (GESLO 2, 3, 4; PSLO 1, 2, 3)
- 4. Express complex ethical issues and arguments in clear, coherent and cogent written and oral communication. (GESLO 1, 4 PSLO 4)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

PHIL-122 Contemporary Moral Issues

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is an introduction to morality and its application to contemporary moral issues that our society presently faces such as environmental protection, reproductive rights, consumer rights, and privacy. Students will learn how thinking critically and engaging in a productive dialogue about these challenging issues.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:**CSU - General Education - Breadth Requirements:**

- Area C2: Humanities

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 3B: Humanities

LMC Standard AA/AS - General Education Requirements:

- C. Arts & Humanities

Student Learning Outcomes:

- 1. Analyze and evaluated a culturally diverse body of contemporary moral issues, found in interdisciplinary contexts such as political, biological, journalistic and cultural (GE 2, 3, 4, 5; PSLO 1, 2, 3)
- 2. Evaluate philosophical theories and concepts through their application to a culturally diverse body of contemporary moral issues, found in interdisciplinary contexts such as political, biological, journalistic and cultural (GE 2, 3, 5; PSLO 1, 2, 3)
- 3. Express arguments and the techniques of argumentation through written papers and oral presentations. (GE 1, 3 ; PSLO 2, 4)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

PHIL-130 History of Ancient Philosophy

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is a study of the rise of philosophy in the ancient world, from the beginning of civilization through the classical period, through primary texts. The roots of western philosophy, will be covered with The Pre-socratics, Socrates, Plato and Aristotle; and the roots of other philosophical traditions will be covered through their respective primary texts. The course will emphasize how the development of Ancient philosophy influenced and shaped contemporary culture and beliefs, introducing students to the foundations of contemporary philosophy, ideas and questions.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

LMC Standard AA/AS - General Education Requirements:

- C. Arts & Humanities

CSU - General Education - Breadth Requirements:

- Area C2: Humanities

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 3B: Humanities

C-ID:

- Philosophy

Comparable course: PHIL 130

Student Learning Outcomes:

- 1. Provide formal expression, analysis and evaluation of the various pre-socratic contributions to Philosophy, science and other disciplines, from primary texts. (PSLO 2, 3, 4)
- 2. Provide formal expression, analysis and evaluation of the philosophies of Socrates, Plato and Aristotle, from primary texts. (PSLO 1, 2, 3, 4)
- 3. Provide formal expression, analysis and evaluations of eastern philosophy such as Buddhism, Hinduism, Taoism and Confucianism, from primary texts. (PSLO 1, 2, 3, 4)
- 4. Apply the ideas of ancient philosophy to contemporary social, political and ethical issues, across a diverse body of perspectives. (GESLO 3), PSLO 1, 2, 3)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

PHIL-132 History of Modern Philosophy

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course studies the philosophical discourse of the western enlightenment period, from the 16th through the 18th century, with an emphasis on broad epistemological and metaphysical developments of empiricism and rationalism in philosophical thought from Descartes to Kant. The course will emphasize how the development of enlightenment philosophy influenced and shaped contemporary culture and beliefs, introducing students to the foundations of contemporary western philosophy, ideas and questions.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:**LMC Standard AA/AS - General Education Requirements:**

- C. Arts & Humanities

CSU - General Education - Breadth Requirements:

- Area C2: Humanities

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 3B: Humanities

C-ID:

- Philosophy

Comparable course: PHIL 140

Student Learning Outcomes:

- 1. Provide formal expression, analysis and evaluation of the assumptions, principles, and methods of Rationalism, through the primary texts of philosophers such as Descartes, Spinoza, Leibniz. (GESLO 1, PSLO 2, 3, 4)
- 2. Provide formal expression, analysis and evaluation of the assumptions, principles, and methods of Empiricism, through the primary texts of philosophers such as Locke, Hume and Berkeley. GESLO 1, PSLO 2, 3, 4)
- 3. Provide formal expression, analysis and evaluation of Kant's metaphysical and epistemological synthesis of Rationalism and Empiricism. GESLO 1, PSLO 2, 3, 4)
- 4. Apply the ideas of enlightenment philosophy to contemporary social, political and ethical issues. (GESLO 4, 5 PSLO 1, 2, 3)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

PHIL-133 Philosophy of Political Theory and Thought

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

Same as POLSC-033 An introduction to the history and development of political theory and thought. The primary goal of this course is to examine various theoretical approaches to politics, basic political problems and proposed solutions, while analyzing historical theories in order to address contemporary problems. The course will proceed with an interdisciplinary and comparative approach to the study of primary texts and their authors in historical context. POLSC-033 meets the Social and Behavioral Sciences requirement. PHIL-133 meets the Art and Humanities requirement.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:**LMC Standard AA/AS - General Education Requirements:**

- C. Arts & Humanities

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 3B: Humanities
- Area 4H: Political Science, Government and Legal Institutions

CSU - General Education - Breadth Requirements:

- Area C2: Humanities
- Area D: Social Sciences

Student Learning Outcomes:

- 1. Analyze and evaluate political theories from the traditional Western philosophy, marginalized groups and underrepresented voices, using original texts. (GESLO 1, 3, 4 PSLO PHIL 2, 3, 4 POLSC)
- 2. Develop a critical understanding of the larger philosophical questions at issue in political science from multicultural perspectives, such as: the nature of justice, the proper limits of individual and governmental rights, etc. (GESLO 1, 2, 3, 4, 5 PSLO PHIL 1, 2, 3, 4 POLSC)
- 3. Develop writing and oral presentation skills as applied to topics in political philosophy. (GESLO 1, 2 PSLO PHIL 1, 4 POLSC)
- 4. Analyze and Evaluate political theory as it applies to contemporary issues, political life and political institutions, and the ethical concerns that arise. (GESLO 2, 3, 4 PSLO PHIL 1, 2, 3 POLSC)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

PHIL-140 Philosophy of Religion

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course will cover both historical and contemporary issues and questions regarding the philosophy of religion. This course seeks to explore philosophical questions within a multicultural religious context, to critically engage with religion to help answer philosophical issues, questions and topics surrounding religion. This typically includes the existence of god, attributes of god, the problem of evil, faith and reason or ethics in religion.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:**LMC Standard AA/AS - General Education Requirements:**

- C. Arts & Humanities

CSU - General Education - Breadth Requirements:

- Area C2: Humanities

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 3B: Humanities

Student Learning Outcomes:

- 1. Critically evaluate views concerning philosophical questions as they relate to religion such as the existence of god, attributes of god, the problem of evil, faith and reason or ethics in religion. (GESLO 2, 3, 4 PSLO 1, 2, 3, 4)
- 2. Critically analyze differing theories concerning philosophical questions as they relate to religion such as the existence of god, attributes of god, the problem of evil, faith and reason or ethics in religion. (GESLO 2, 3, 4 PSLO 1, 2, 3, 4)
- 3. Explore philosophies from a diverse background of religious thought. (GESLO 5 PSLO 1, 2, 3)
- 4. Formulate oral and written arguments on philosophical questions as they relate to religion such as the existence of god, attributes of god, the problem of evil, faith and reason or ethics in religion. (GESLO 1, 3 PSLO 2, 3, 4)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

PHIL-150 Philosophy Through Film and Literature

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course offers students the opportunity to examine film and literature through a critical philosophical lens and explore philosophical ideas which can be found in many of the films we watch and books we read. This course will discuss themes core to an introduction to philosophy course with an ethical scope such as knowledge, reality, freewill, ethics, political philosophy, philosophy of religion, philosophy of self and a life well lived. Student will be introduced to the core topics and methodologies of critical thinking and philosophy, using film and literature to help students better understand themselves, their community and the world around them.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

LMC Standard AA/AS - General Education Requirements:

- C. Arts & Humanities

CSU - General Education - Breadth Requirements:

- Area C2: Humanities

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 3B: Humanities

Student Learning Outcomes:

- 1. Compare and contrast major philosophical theories which have ethical implications, covering four of the philosophical themes core to an introduction to philosophy course, as reflected in a diverse body of literary texts or film, from the following list: knowledge, reality, freewill, ethics, political philosophy, philosophy of religion, philosophy of self and a life well lived. (GESLO 1, 3, 4, 5 PSLO 1, 2, 3, 4)
- 2. Identify and analyze philosophical problems as expressed in literature and film in a formal written assignment. (GESLO 1, 2, 3 PSLO 1, 2, 3, 4)
- 3. Present an original performance piece, such as a short story, a poem, a play, a musical score, a photo essay, a song or short film, in expressing a solution or perspective on the philosophical themes of the class and its ethical implications. (GESLO 1, 2, 3, 4, 5 PSLO 1, 2, 3, 4)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

PHIL-151 Philosophy of the Arts

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course surveys the philosophical discussion about art and the philosophical statements found in art. It will seek to critically engage with core philosophical issues and questions regarding art, such as: What if anything guides the artist? Does art conceal truth? How do we understand beauty? Can art create social change? Do we have a moral obligation to protect art? These questions will be addressed with respect to a variety of artist styles and backgrounds, including anything from 'classical' music to contemporary conceptual art, while surveying a culturally diverse body of works and ideas. Student will be introduced to the core themes and methodologies of critical thinking, philosophy and the ethical imperatives found there in, gaining a better understanding and appreciation of art and philosophy.

Requisites:**Advisory**

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:**LMC Standard AA/AS - General Education Requirements:**

- C. Arts & Humanities

CSU - General Education - Breadth Requirements:

- Area C2: Humanities

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 3B: Humanities

Student Learning Outcomes:

- 1. Compare and contrast major philosophical theories and their ethical implications across a culturally diverse body of arts, including music, visual arts, culinary arts, dance or drama. (GESLO 1, 3, 4, 5 PSLO 1, 2, 3, 4)
- 2. Identify and analyze philosophical problems as expressed in art in a formal writing assignment. (GESLO 1, 2, 3 PSLO 1, 2, 3, 4)
- 3. Present an original piece, such as a short story, a poem, a play, a musical score, a song, a photo essay, a painting, in expressing a solution or perspective on the philosophical themes of the class. (GESLO 1, 2, 3, 4, 5 PSLO 1, 2, 3, 4)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours**Lecture Hours**

54.0

Lab Hours

0.0

Activity Hours

0.0

PHIL-210 Symbolic Logic

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course introduces students to symbolic logic, through the study of propositional logic (the logic of sentences) and predicate logic (the logic of classes and relations). This will include, symbolizing sentences, semantic methods such as truth tables, syntactic methods such as proofs and an introduction of metalogic.

Requisites:**Advisory**

[MATH110 - Introduction to Statistics](#)

Advisory

[PHIL110 - Critical Thinking and Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:**CSU - General Education - Breadth Requirements:**

- Area A3: Critical Thinking

C-ID:

- Philosophy

Comparable course: PHIL 210

LMC Local AA/AS - General Education Requirements:

- LR: Language and Rationality

Student Learning Outcomes:

- 1. Understand core metalogic terms and concepts, including deduction, validity, soundness and completeness, towards introducing the basic construction of logical systems. (PSLO 2, 3, 4)
- 2. Use symbolization, semantic and syntactic methods for assessing validity in propositional logic. (PSLO 2, 3, 4)
- 3. Use symbolization, semantic and syntactic methods for assessing validity in quantified predicate logic. (PSLO 2, 3, 4)
- 4. Respect and appreciate deductive methods, such as proofs, as a tool for solving interdisciplinary and transcultural problems. (PSLO 1, 2, 3, 4)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

Physical Science

Program Information

Courses listed below.

Course Information

[PHYSC005 - General Physical Science](#)

[PHYSC098 - Independent Study in Physical Science](#)

[Back to department listing](#)

PHYSC-005 General Physical Science

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This is an introduction to the major disciplines of physical science; physics, chemistry, earth science, and astronomy. Overarching ideas of disciplines will be emphasized, including energy and its transformations, the periodic table, plate tectonics, and the life cycles of stars. Critical thinking, relationships between the disciplines, and applications to everyday life are also emphasized. May not be repeated.

Requisites:**Advisory**

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:**CSU - General Education - Breadth Requirements:**

- Area B1: Physical Science

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 5A: Physical Science

LMC Local AA/AS - General Education Requirements:

- A. Natural Sciences

Student Learning Outcomes:

- CSLO 1 Formulate solutions to physical science problems using relevant scientific concepts. (GESLO: 3)
- CSLO 2 Assess the connections between the various disciplines of physical science and other disciplines, and assemble concepts from the various physical sciences to solve interdisciplinary problems, including examples from everyday life. (GESLO: 2)
- CSLO 3. Read critically and communicate effectively as a writer and a speaker by evaluating interdisciplinary scientific controversies and judging which arguments from various disciplines are sound and which arguments are invalid. (GESLO: 1, 2, 3)
- CSLO 4. Read critically and communicate effectively as a writer and a speaker by assessing science as a global endeavor and a synthesis of ideas from, and with relevance for, people regardless of ethnicity, gender, or cultural background. (GESLO: 1, 5)
- CSLO 5. Read critically and communicate effectively as a writer and a speaker by judging the ethical implications of the pursuit of scientific knowledge and its application through technology. (GESLO: 1, 4)

Grade Options:

None

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

72.0

Course in class (contact) hours**Lecture Hours**

54.0

Lab Hours

18.0

Activity Hours

0.0

PHYSC-098 Independent Study in Physical Science

Units: 0.5-3.0

[Print Page](#)

[Back to department listing](#)

Description:

Provides an opportunity to design and pursue their own interests within a particular area. Projects reflecting cultural diversity and/or societal issues will be greatly encouraged. A contract must be drawn between the student and the instructor stipulating the goals of the independent study, the content, the method or approach, the estimated time involved, and the periodic evaluation to be used.

Requisites:

None

Course Note:

Submission of acceptable educational contract to department and Instruction Office is required.

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- Meet outcomes as specified in the approved Application for Independent Study.
- Gain knowledge and skill through the successful completion of an independent study course.
- Demonstrate and/or apply independent academic learning skills.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

0.5

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

162.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

162.0

Activity Hours

0.0

Physics

Program Information

Degree(s) and/or certificates and courses listed below.

Degrees and Certificates

[Physics Associate in Science for Transfer \(AST\)](#)

Course Information

[PHYS015 - Introduction to Physics](#)
[PHYS035 - College Physics I](#)
[PHYS036 - College Physics II](#)
[PHYS037 - General College Physics Calculus Supplement I](#)
[PHYS038 - General College Physics Calculus Supplement II](#)
[PHYS040 - Physics for Scientists and Engineers I](#)
[PHYS041 - Physics for Scientists and Engineers II](#)
[PHYS042 - Physics for Scientists and Engineers III](#)
[PHYS098 - Independent Study in Physics](#)

[Back to department listing](#)

Physics Associate in Science for Transfer (AST)

A.S. Degree for Transfer

[Print Page](#)

[Back to department listing](#)

Units:

60 units

The Associate in Science in Physics for Transfer at Los Medanos College prepares students to transfer into a curriculum at a 4 year institution to pursue a baccalaureate degree in physics. This major will introduce students to many areas of study including engineering, physics, chemistry, astronomy, geology, and certain specialized majors such as architecture. To earn the Associate Degree for Transfer: 1. Completion of 60 semester units or 90 quarter units of degree-applicable courses, 2. Minimum overall grade point average of 2.0, 3. Minimum grade of "C" (or "P") for each course in the major, and 4. Completion of IGETC and/or CSU GE-Breadth Certain ADTs are based on completion of IGETC for STEM or CSU GE-Breadth for STEM.

Toggle

Program Learning Outcomes

- 1. Explain both the concerns and the main ideas of the major subfields of physics (including Mechanics, Waves and Optics, Electromagnetism, Thermodynamics and Statistical Physics, Quantum Mechanics, and other topics of Modern Physics).
- 2. Apply critical thinking skills to solve physics problems using theoretical, experimental, and computational techniques.
- 3. Explain how the ideas of physics apply to everyday situations encountered by individuals (e.g. How a heat engine works.) as well as issues facing society (e.g. How does global warming occur?).
- 4. Show how important physics ideas are represented, derived, and connected to each other through the language of mathematics.
- 5. Perform both qualitative and quantitative reasoning, along with knowledge of the relative magnitudes of physical quantities, to estimate the magnitude of certain effects upon the situation under study.
- 6. Design and perform simple experiments, interpret the results, and give estimates of uncertainties.
- 7. Synthesize multiple ideas of physics to solve problems.
- 8. Apply the ideas of physics to astronomy, chemistry, medicine, engineering and/or other disciplines.

Toggle

Program Requirements

A.S. Degree for Transfer
Required Courses

Required Courses for Major (Total 24)

Complete all of the following

[MATH210 - Calculus and Analytic Geometry I](#) 4

[MATH220 - Calculus and Analytic Geometry II](#) 4

[MATH230 - Calculus and Analytic Geometry III](#) 4

[PHYS040 - Physics for Scientists and Engineers I](#) 4

[PHYS041 - Physics for Scientists and Engineers II](#) 4

[PHYS042 - Physics for Scientists and Engineers III](#) 4

PHYS-035 College Physics I

Units: 4.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is an integrated study of the basic concepts, principles, and laws underlying physical phenomena and processes. Energy will be the unifying theme in treating mechanics, thermodynamics, and oscillations. This is the first semester of a year long course in general college physics.

Requisites:

Prerequisite

[MATH155 - Precalculus](#)

Advisory

[PHYS015 - Introduction to Physics](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:**CSU - General Education - Breadth Requirements:**

- Area B1: Physical Science
- Area B3: Laboratory Activity

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 5A: Physical Science
- Area 5C: Laboratory

C-ID:

- Physics

Comparable course: PHYS 105

LMC Local AA/AS - General Education Requirements:

- NS: Natural Sciences

Student Learning Outcomes:

- CSLO 1: Derive, use, and apply kinematics (description of motion) concepts to the various types of motion (translational, rotational, and vibrational) when appropriate. (PSLO 1, 2, 3, 4, 5, 6, 7, 8)
- CSLO 2: Use and apply Newton's Second Law (causes of motion) to the various types of motion (translational, rotational, and vibrational) and certain applications (equilibrium, gravitation, and simple harmonic motion). (PSLO 1, 2, 3, 4, 5, 6, 7, 8)
- CSLO 3: Derive, use, and apply various conservation principles (energy, linear momentum, angular momentum) when appropriate. (PSLO 1, 2, 3, 4, 5, 6, 7, 8)
- CSLO 4: Derive, use, and apply heat, kinetic theory, and thermodynamic concepts in the appropriate physical situations. (PSLO 1, 2, 3, 4, 5, 6, 7, 8)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours**Minimum Credit Units**

4.0

Maximum Credit Units

4.0

Total Course In-Class (Contact) Hours

126.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

72.0

Activity Hours

0.0

PHYS-037 General College Physics Calculus Supplement I

Units: 0.5

[Print Page](#)

[Back to department listing](#)

Description:

This course, taken with PHYS-035, is equivalent to a calculus-based physics course. Students learn how to solve calculus-based physics problems in mechanics and thermodynamics, such as center of mass, moments of inertia, and the work done by a gas undergoing various types of expansion. Students will also learn how to convert from approximate, non-calculus formulas to the exact, calculus-based formulas.

Requisites:

Co-Requisite

[PHYS035 - College Physics I](#)

Co-Requisite

[MATH140 - Applied Calculus](#)

Co-Requisite

[MATH210 - Calculus and Analytic Geometry I](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Solve mechanics and thermodynamics physics problems using single variable calculus.
- 2. Derive exact calculus based formulas for mechanics and thermodynamics from approximate, non-calculus formulas using the theory of limits and Riemann sums.
- 3. Justify certain calculus-based mechanics and thermodynamics physics formulas from first principles.

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

0.5

Maximum Credit Units

0.5

Total Course In-Class (Contact) Hours

9.0

Course in class (contact) hours

Lecture Hours

9.0

Lab Hours

0.0

Activity Hours

0.0

PHYS-038 General College Physics Calculus Supplement II

Units: 0.5

[Print Page](#)

[Back to department listing](#)

Description:

This course, taken with PHYS-036, is equivalent to a calculus-based physics course. Students learn how to solve calculus-based physics problems in fluid dynamics, wave phenomena, electromagnetism, and modern physics, such as atmospheric pressure variations, determining the electric field and voltage around a particular charge distribution, or determining radiation exposure. Students will also learn how to convert from approximate, non-calculus formulas to the exact, calculus based formulas.

Requisites:

Co-Requisite

[PHYS036 - College Physics II](#)

Co-Requisite

[MATH210 - Calculus and Analytic Geometry I](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Generate solutions to calculus based fluid dynamics, wave phenomena, electromagnetism, and modern physics problems. Examples are demonstrating that $\sin(kx - \omega t)$ is a solution to the differential equation for a traveling wave, computing mass flow rates by taking derivatives, or using an integral to determine the total pressure at the bottom of an isothermal atmosphere.
- 2. Derive exact calculus based formulas from approximate, non-calculus formulas, such as converting the discrete summation form of Gauss's law into the continuous, integral form, for Gauss's law.
- 3. Justify certain calculus based fluid dynamics, wave phenomena, electromagnetism, and modern physics formulas from first principles. Examples of these would be deriving the differential equation for a wave traveling on a string, or deriving the differential equation for radioactive decay.

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

0.5

Maximum Credit Units

0.5

Total Course In-Class (Contact) Hours

9.0

Course in class (contact) hours

Lecture Hours

9.0

Lab Hours

0.0

Activity Hours

0.0

PHYS-036 College Physics II

Units: 4.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is a continuation of PHYS-035, covering the areas of electricity and magnetism, geometrical and physical optics, fluids, sound, quantum physics, relativity, and nuclear physics.

Requisites:

Prerequisite

[PHYS035 - College Physics I](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

CSU - General Education - Breadth Requirements:

- Area B1: Physical Science
- Area B3: Laboratory Activity

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 5A: Physical Science
- Area 5C: Laboratory

C-ID:

- Physics

Comparable course: PHYS 110

LMC Local AA/AS - General Education Requirements:

- NS: Natural Sciences

Student Learning Outcomes:

- • CSLO 1: Derive, use, and apply fluid (static and dynamic) concepts in the appropriate physical situations. (PSLO 1, 2, 3, 4, 5, 6, 7, 8)
- • CSLO 2: Derive, use, and apply wave (traveling and standing) concepts in the appropriate physical situations. (PSLO 1, 2, 3, 4, 5, 6, 7, 8)
- • CSLO 3: Derive, use, and apply sound concepts in the appropriate physical situations. (PSLO 1, 2, 3, 4, 5, 6, 7, 8)
- • CSLO 4: Derive, use, and apply equations for electric and magnetic forces and fields. (PSLO 1, 2, 3, 4, 5, 6, 7, 8)
- • CSLO 5: Derive, use, and apply the concepts of electric potential, electric potential energy, and induced emf in the appropriate physical situations. (PSLO 1, 2, 3, 4, 5, 6, 7, 8)
- • CSLO 6: Explain, synthesize, and apply a combination of concepts, definitions and laws (capacitance, resistance, charge, current, inductance, Ohm's Law, Kirchhoff's Law, Faraday's Law) as they pertain to various circuit elements (capacitors, resistors, inductors) and circuits (DC, RC). (PSLO 1, 2, 3, 4, 5, 6, 7, 8)
- • CSLO 7: Derive, use, and apply geometrical and physical optics concepts in the appropriate physical situations. (PSLO 1, 2, 3, 4, 5, 6, 7, 8)
- • CSLO 8: Derive, use, and apply the concepts of modern physics (relativity, quantum physics, nuclear physics). (PSLO 1, 2, 3, 4, 5, 6, 7, 8)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

4.0

Maximum Credit Units

4.0

Total Course In-Class (Contact) Hours

126.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

72.0

Activity Hours

0.0

PHYS-040 Physics for Scientists and Engineers I

Units: 4.0

[Print Page](#)

[Back to department listing](#)

Description:

This is an introduction to Newtonian mechanics. Topics will include vectors, rectilinear and planar motion, Newton's Laws, work and energy, linear and angular momentum, rotational kinematics and dynamics, equilibrium, oscillations, and gravitation.

Requisites:

Prerequisite

[MATH220 - Calculus and Analytic Geometry II](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

CSU - General Education - Breadth Requirements:

- Area B1: Physical Science
- Area B3: Laboratory Activity

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 5A: Physical Science
- Area 5C: Laboratory

C-ID:

- Physics

Comparable course: PHYS 205

LMC Local AA/AS - General Education Requirements:

- NS: Natural Sciences

Student Learning Outcomes:

- CSLO 1: Derive, use, and apply kinematics (description of motion) equations to the various types of motion (translational, rotational, and vibrational) when appropriate. (PSLO 1, 2, 3, 4, 5, 6, 7, 8)
- CSLO 2: Use and apply Newton's Second Law (causes of motion) to the various types of motion (translational, rotational, and vibrational) and certain applications (equilibrium and gravitation). (PSLO 1, 2, 3, 4, 5, 6, 7, 8)
- CSLO 3: Derive, use, and apply various conservation principles (energy, linear momentum, angular momentum) when appropriate. (PSLO 1, 2, 3, 4, 5, 6, 7, 8)
- CSLO 4: Describe, explain, and apply the underlying mathematical concepts of Newtonian Mechanics, specifically vectors and vector operations (dot and cross products). (PSLO 1, 2, 3, 4, 5, 6, 7, 8)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

4.0

Maximum Credit Units

4.0

Total Course In-Class (Contact) Hours

126.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

72.0

Activity Hours

0.0

PHYS-042 Physics for Scientists and Engineers III

Units: 4.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is an introduction to fluids, waves, sound, heat and thermodynamics, geometrical and physical optics and quantum physics.

Requisites:**Prerequisite**

[PHYS040 - Physics for Scientists and Engineers I](#)

Prerequisite

[MATH230 - Calculus and Analytic Geometry III](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

C-ID:

- Physics

Comparable course: PHYS 215

CSU - General Education - Breadth Requirements:

- Area B1: Physical Science
- Area B3: Laboratory Activity

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 5A: Physical Science
- Area 5C: Laboratory

LMC Local AA/AS - General Education Requirements:

- NS: Natural Sciences

Student Learning Outcomes:

- CSLO 1: Derive, use, and apply fluid (static and dynamic) concepts in the appropriate physical situations. (PSLO 1, 2, 3, 4, 5, 6, 7, 8)
- CSLO 2: Derive, use, and apply wave (traveling and standing) concepts in the appropriate physical situations. (PSLO 1, 2, 3, 4, 5, 6, 7, 8)
- CSLO 3: Derive, use, and apply sound concepts in the appropriate physical situations. (PSLO 1, 2, 3, 4, 5, 6, 7, 8)
- CSLO 4: Derive, use, and apply heat, kinetic theory, and thermodynamic concepts in the appropriate physical situations. (PSLO 1, 2, 3, 4, 5, 6, 7, 8)
- CSLO 5: Derive, use, and apply geometrical and physical optics concepts in the appropriate physical situations. (PSLO 1, 2, 3, 4, 5, 6, 7, 8)
- CSLO 6: Derive, use, and apply quantum mechanical concepts in the appropriate physical situations. (PSLO 1, 2, 3, 4, 5, 6, 7, 8)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

4.0

Maximum Credit Units

4.0

Total Course In-Class (Contact) Hours

126.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

72.0

Activity Hours

0.0

PHYS-041 Physics for Scientists and Engineers II

Units: 4.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is an introduction to electricity and magnetism. Topics will include Coulomb's Law, Gauss' Law, electric fields, electric potential, Ohm's Law, DC circuits, Capacitance, magnetic fields, Faraday's Law, electric oscillations, electromagnetic waves, Maxwell's equations and AC circuits.

Requisites:

Prerequisite

[PHYS040 - Physics for Scientists and Engineers I](#)

Prerequisite

[MATH230 - Calculus and Analytic Geometry III](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

C-ID:

- Physics

Comparable course: PHYS 210

CSU - General Education - Breadth Requirements:

- Area B1: Physical Science
- Area B3: Laboratory Activity

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 5A: Physical Science
- Area 5C: Laboratory

LMC Local AA/AS - General Education Requirements:

- NS: Natural Sciences

Student Learning Outcomes:

- CSLO 1: Derive, use, and apply equations for the electric force (Coulomb's Law) and magnetic force as it applies to charges in motion and current carrying wires. (PSLO 1, 2, 3, 4, 5, 6, 7, 8)
- CSLO 2: Derive, use, and apply various energy principles (electric potential, electric potential energy, electric and magnetic dipole moments). (PSLO 1, 2, 3, 4, 5, 6, 7, 8)
- CSLO 3: Use, apply, and determine electric and magnetic field equations using direct methods (e.g. Biot-Savart Law to determine magnetic field) and laws (e.g. Gauss' Law, Ampere's Law) exploiting symmetries. (PSLO 1, 2, 3, 4, 5, 6, 7, 8)
- CSLO 4: Explain, synthesize, and apply a combination of concepts, definitions and laws (capacitance, resistance, charge, current, inductance, Ohm's Law, Kirchhoff's Law, Faraday's Law) as they pertain to various circuit elements (capacitors, resistors, inductors) and circuits (RC, DC, RL, LC, and AC). (PSLO 1, 2, 3, 4, 5, 6, 7, 8)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

4.0

Maximum Credit Units

4.0

Total Course In-Class (Contact) Hours

126.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

72.0

Activity Hours

0.0

PHYS-015 Introduction to Physics

Units: 4.0

[Print Page](#)

[Back to department listing](#)

Description:

An integrated study of physical concepts and principles with laboratory methods and techniques. An interdisciplinary approach will be used to develop an understanding of the nature of energy and matter interactions through a study of such topics as motion, thermal physics, electromagnetism, wave phenomena, and modern physics. Emphasis is placed on the creative process of scientific inquiry, on the aesthetics of science, and on the limitations and implications of scientific knowledge. Skills in critical thinking, problem-solving, and effective learning will be developed through the course.

Requisites:

Prerequisite

Elementary algebra or higher or eligibility for transfer-level mathematics

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:**CSU - General Education - Breadth Requirements:**

- Area B1: Physical Science
- Area B3: Laboratory Activity

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 5A: Physical Science
- Area 5C: Laboratory

LMC Local AA/AS - General Education Requirements:

- NS: Natural Sciences

Student Learning Outcomes:

- A. Analyze a given physics problem, solve it, and justify the units used throughout the calculations. (PSLOs: B, D, E, and G.)(GE: 3)
- B. Diagram and assemble the components of an everyday device, such as a motor, a refrigerator, or an airplane wing. Defend the use of each component.(PSLOs: C)(GE: 1)
- C. Critically evaluate arguments currently applied to issues facing society today, such as global warming and alternative energy strategies. For example: “How are different global societies and different cultures affected by global warming and its consequences?” Use physical reasoning to critique the arguments.(PSLOs: A, C, H)(GE: 1, 2, 4, 5)
- D. Perform an experiment to investigate a physical concept. Write a lab report with a logical format to assess the results of the experiment. Evaluate the assumptions made and recommend improvements to the lab. (PSLOs: B, D, E, F)(GE: 1, 3)
- E. Decide when and how to apply the ideas of physics to other fields—chemistry, medicine, engineering, art, sports, etc. (PSLOs: A, H)(GE: 1, 2)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

4.0

Maximum Credit Units

4.0

Total Course In-Class (Contact) Hours

108.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

54.0

Activity Hours

0.0

PHYS-098 Independent Study in Physics

Units: 0.5-3.0

[Print Page](#)

[Back to department listing](#)

Description:

Provides students an opportunity to design and pursue their own interests within a particular area. Projects reflecting cultural diversity and/or societal issues will be greatly encouraged. A contract must be drawn between the student and the instructor stipulating the goals of the independent study, the content, the method of approach, the estimated time involved, and the periodic evaluation to be

used. Minimum 1 hour per week with instructor plus 54 hours of contracted work for each unit of credit. May not be repeated.

Requisites:

None

Course Note:

Submission of acceptable educational contract to department and Instruction Office is required.

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- Meet outcomes as specified in the approved Application for Independent Study.
- Gain knowledge and skill through the successful completion of an independent study course.
- Demonstrate and/or apply independent academic learning skills.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

0.5

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

162.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

162.0

Activity Hours

0.0

Political Science

Program Information

Degree(s) and/or certificates and courses listed below.

Degrees and Certificates

[Law, Public Policy and Society, Associate in Arts for Transfer](#)
[Political Science Associate of Arts Degree for Transfer \(AA-T\)](#)

Course Information

[POLSC010 - Introduction to American Government: Institutions and Ideals](#)
[POLSC033 - Philosophy of Political Theory and Thought](#)
[POLSC040 - Introduction to California State and Local Politics](#)
[POLSC043 - International Relations](#)
[POLSC050 - Introduction to Comparative Politics](#)
[POLSC098 - Independent Study in Political Science](#)
[POLSC109 - Introduction to Constitutional Law: Your Liberties and Rights](#)
[POLSC160 - Introduction to Law, Public Policy, and Society](#)

[Back to department listing](#)

Political Science Associate of Arts Degree for Transfer (AA-T)

A.A. Degree for Transfer

[Print Page](#)

[Back to department listing](#)

Units:

60 units

The Los Medanos College Social Science Department invites the students of our esteemed institution to take the academic journey through the discipline of political science; an experience that will explore “who gets what, when, and how,” prepare political science majors for the rigors of study at four-year institutions, and impart the skill-set necessary to achieve success in professional careers and endeavors. Upon completion of the Los Medanos College AA-T in Political Science, LMC students will be eligible for priority admission to CSU academic programs and will have satisfied most prerequisites for upper-division baccalaureate study in political science. A Bachelor’s Degree in Political Science typically leads to careers in the legal profession, public administration, diplomatic corps, elected office, the legislative branch, journalist, lobbyist, and educator. Employment opportunities that utilize political science coursework that does not necessarily require a four-year degree may be found in law enforcement, civil service, civic engagement, and private non-profit agencies. The Los Medanos College AA-T in Political Science is a multidisciplinary experience that blends an exciting range of social science courses. These courses complement the broad nature of the political science discipline and may be used to fulfill other disciplinary or institutional requirements. To earn the Associate Degree for Transfer: 1. Completion of 60 semester units or 90 quarter units of degree-applicable courses, 2. Minimum overall grade point average of 2.0, 3. Minimum grade of “C” (or “P”) for each course in the major, and 4. Completion of IGETC and/or CSU GE-Breadth Certain ADTs are based on completion of IGETC for STEM or CSU GE-Breadth for STEM.

Toggle

Program Learning Outcomes

- 1. Read critically and think creatively, resulting in the effective interpretation, in both written and oral forms, of the major political events in American history, media reports, established political theories and concepts, laws and public policy, and personal views about politics.
- 2. Demonstrate an interdisciplinary approach to the study of American and California governments by recognizing, characterizing, and analyzing the relevance of such major themes as significant American and California historical developments, economic systems, quantitative analysis of political behavior, and the application of science and technology to public policy.
- 3. Identify, define, and analyze national and state government policies and actions that address a worldview, particularly in the case of multiculturalism and globalization, as well as identify, define, and analyze values and beliefs inherent in American political ideologies, moral issues associated with governmental institutions such as the American legal system, and the varied ethical perspectives of political leaders and citizenry

Toggle

Program Requirements

A.A. Degree for Transfer
Required Courses

Required Courses for Major (Total 18 - 19)

Complete all of the following

Required Course for Major (Total 3)

Complete all of the following

[POLSC010 - Introduction to American Government: Institutions and Ideals](#) 3

List A: Required Courses for Major (Total 9 - 10)

Complete the following number of credits: 9-10

[MATH110 - Introduction to Statistics](#) 4

[POLSC033 - Philosophy of Political Theory and Thought](#) 3

[POLSC043 - International Relations](#) 3

[POLSC050 - Introduction to Comparative Politics](#) 3

List B: Required Courses for Major (Total 6)

Complete the following number of credits: 6

[ECON005 - Economic History of the United States](#) 3

[ECON010 - Principles of Microeconomics](#) 3

[ECON011 - Principles of Macroeconomics](#) 3

[HIST029 - United States History Until 1865](#) 3

[HIST030 - United States History From 1865](#) 3

[HIST040 - World History Since 1500](#) 3

[POLSC040 - Introduction to California State and Local Politics](#) 3

Law, Public Policy and Society, Associate in Arts for Transfer

A.A. Degree for Transfer

[Print Page](#)

[Back to department listing](#)

Units:

60 units

Law forms the backbone of our country, the judicial system and our community organization. Understanding the 'rule of law' empowers citizens to help make real change in their communities, while also providing the skills and knowledge for successful careers. This interdisciplinary area of emphasis focuses on the development of the necessary skills (such as critical thinking, argumentation, research and writing) for success in law related fields. The Mission of the The Associate in Science in Law, Public Policy and Society for Transfer will be to provide a complete pathway for Law, Public Policy and Society students which will serve as good preparation for law school upon completion of a bachelor's degree at a California State University. Upon completing the program students will be able to: 1. Analyze the history of the United States Constitution, case law and statutory law as it relates to the development of civil liberties protections, civil rights guarantees, and how these are applicable to diverse demographic groups. 2. Critically analyze and evaluate the

political institutions and legal processes through which law and/or public policy is formulated and implemented. 3. Apply ethical analysis to develop solutions for contemporary social, economic and political issues. 4. Develop and apply strong written and oral communication skills in analysis of legal and social issues. To earn the Associate Degree for Transfer: 1. Completion of 60 semester units or 90 quarter units of degree-applicable courses, 2. Minimum overall grade point average of 2.0, 3. Minimum grade of "C" (or "P") for each course in the major, and 4. Completion of IGETC and/or CSU GE-Breadth Certain ADTs are based on completion of IGETC for STEM or CSU GE-Breadth for STEM.

Toggle

Program Learning Outcomes

- Analyze the history of the United States Constitution, case law and statutory law as it relates to the development of civil liberties protections, civil rights guarantees, and how these are applicable to diverse demographic groups.
- Critically analyze and evaluate the political institutions and legal processes through which law and/or public policy is formulated and implemented.
- Apply ethical analysis to develop solutions for contemporary social, economic and political issues.
- Develop and apply strong written and oral communication skills in analysis of legal and social issues.

Toggle

Program Requirements

A.A. Degree for Transfer
Required Courses

Required Core Courses (Total 31)

Complete all of the following

POLSC160 - Introduction to Law, Public Policy, and Society 3

PHIL120 - Introduction to Ethics 3

ENGL100 - College Composition 3

MATH110 - Introduction to Statistics 4

POLSC010 - Introduction to American Government: Institutions and Ideals 3

Choose one of the following (Total 3)

Complete the following number of credits: 3

SPCH110 - Speech Communication 3

SPCH120 - Argumentation and Debate 3

Choose one of the following (Total 3)

Complete the following number of credits: 3

ENGL221 - Advanced Composition and Critical Thinking 3

SPCH120 - Argumentation and Debate 3

Choose one of the following (Total 3)

Complete the following number of credits: 3

HIST029 - United States History Until 1865 3

HIST030 - United States History From 1865 3

List A Select two courses from two of the areas listed below. (NOTE courses must not have been used above.) (Total 6)

Complete the following number of credits: 6

Area 1: Administration of Justice Criminal Justice/Criminology (Total 0)

Complete the following number of rules: 0

ADJUS120 - Concepts of Criminal Law 3

ADJUS122 - Criminal Trial Process 3

ADJUS124 - Legal Aspects of Evidence 3

ADJUS160 - Community & the Justice System 3

ADJUS200 - Introduction to Corrections 3

ADJUS220 - Juvenile Procedures 3

ADJUS110 - Introduction to the Criminal Justice System 3

Area 2: Business (Total 0)

Complete the following number of rules: 0

BUS294 - Business Law 3

Area 3: Economics (Total 0)

Complete the following number of rules: 0

ECON010 - Principles of Microeconomics 3

ECON011 - Principles of Macroeconomics 3

Area 4: Political Science (Total 0)

Complete the following number of rules: 0

POLSC033 - Philosophy of Political Theory and Thought 3

POLSC043 - International Relations 3

POLSC050 - Introduction to Comparative Politics 3

Area 5: Public Policy (Total 0)

Complete the following number of rules: 0

ENGL110 - Introduction to Social Justice 3

SOCIO016 - Introduction to Social Problems 3

Area 6: Diversity (Total 0)

Complete the following number of rules: 0

ANTHR006 - Cultural Anthropology 3

SJS136 - Introduction to Gender Studies 3

SJS150 - Introduction to Race & Ethnicity 3

SPCH150 - Intercultural Communication 3

Area 7: College Success (Total 0)

Complete the following number of rules: 0

ACS010 - Becoming a College Scholar-A First-Year Seminar 3

COUNS036 - Career & Life Planning 3

Area 8: Internship/Fieldwork (Total 0)

Complete the following number of rules: 0

WRKX160 - General Work Experience Education 1 - 4

POLSC-010 Introduction to American Government: Institutions and Ideals

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

A comprehensive introduction to the issues, institutions and ideals of American government, with special emphasis on the Constitutions of the United States and the State of California. The historic development of national, state and local government since the eighteenth century will be emphasized. Special attention will be paid to the rights and obligations of citizenship and our heritage of social and ethnic diversity. The completion of Political Science (POLSC) 10 partially satisfies the American History and Institutions CSU transfer requirement.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

CSU - General Education - Breadth Requirements:

- Area D: Social Sciences

C-ID:

- Political Science

Comparable course: POLS 110

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 4H: Political Science, Government and Legal Institutions

LMC Local AA/AS - General Education Requirements:

- SB: Social and Behavioral Sciences

Student Learning Outcomes:

- 1. Read critically and think creatively, resulting in the effective interpretation, in both written and oral forms, of the major political events in American history, media reports, established political theories and concepts, laws and public policy, and personal views about politics. (GESLO 1, 3)
- 2. Demonstrate an interdisciplinary approach to the study of American and California governments by recognizing, characterizing, and analyzing the relevance of such major themes as significant American and California historical developments, economic systems, quantitative analysis of political behavior, and the application of science and technology to public policy. (GESLO 1, 2,)
- 3. Identify, define, and analyze national and state governmental policies and actions that address a worldview, particularly in the case of multiculturalism and globalization, as well as identify, define, and analyze values and beliefs inherent in American political ideologies, moral issues associated with governmental institutions such as the American legal system, and the varied ethical perspectives of political leaders and citizenry. (GESLO 1, 4, 5)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

POLSC-060 Introduction to Law, Public Policy, and Society

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is an introduction to the legal system of the United States as it relates specifically to the political power, ethical issues, and multiple functions of the judicial branch. Detailed emphasis will be placed on the case history of the Supreme Court and state courts by analyzing civil liberties protections, civil rights guarantees, and other controversies related to law and justice. The varying sources of law, role of the law in our society, and different types of law will be explored during lectures, discussions, and classroom activities. Focus will also be paid to the continuing evolution of the judicial branch and criminal justice system.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Advisory

[POLSC010 - Introduction to American Government: Institutions and Ideals](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

LMC Standard AA/AS - General Education Requirements:

- SB: Social and Behavioral Sciences

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 4H: Political Science, Government and Legal Institutions

C-ID:

- Law, Public Policy, and Society

Comparable course: LPPS 110

CSU - General Education - Breadth Requirements:

- Area D: Social Sciences
- US-2: United States Constitution and Government

Student Learning Outcomes:

- 1) Analyze the historic and philosophical foundations of the U.S. constitutional systems of separation of powers and checks and balances with an emphasis on the powers and functions of the Supreme Court and judicial branches. (GE SLO 1, 3, and 4)
- 2) Analyze the structure of both the federal and state of California judicial systems by applying the disciplines of political science, history, and economics (GE SLO 2 and 3)
- 3) Analyze the case history of the Supreme Court as it relates to the development of civil liberties protections, civil rights guarantees, precedent, and the ethical implications to diverse demographic groups. (GE SLO 1, 3, 4, 5)
- 4) Using the written case brief format and oral presentations, create fact-based analysis of constitutional cases focusing on their central questions and the subsequent majority, concurring, and dissenting opinions used to answer those questions. (GE SLO 1, 3, 4, 5)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

POLSC-033 Philosophy of Political Theory and Thought

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

Same as PHIL-133. An introduction to the history and development of political theory and thought. The primary goal of this course is to examine various theoretical approaches to politics, basic political problems and proposed solutions, while analyzing historical theories in order to address contemporary problems. The course will proceed with an interdisciplinary and comparative approach to the study of primary texts and their authors in historical context. POLSC-033 meets the Social and Behavioral Sciences requirement. PHIL-133 meets the Art and Humanities requirement.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:**CSU - General Education - Breadth Requirements:**

- Area C2: Humanities
- Area D: Social Sciences

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 3B: Humanities
- Area 4A: Anthropology and Archaeology

LMC Standard AA/AS - General Education Requirements:

- SB: Social and Behavioral Sciences

C-ID:

- Political Science

Comparable course: POLS 120

Student Learning Outcomes:

- 1. Analyze and evaluate political theories from the traditional Western philosophy, marginalized groups and underrepresented voices, using original texts. (GESLO 1, 3, 4 PSLO PHIL 2, 3, 4 POLSC)
- 2. Develop a critical understanding of the larger philosophical questions at issue in political science from multicultural perspectives, such as: the nature of justice, the proper limits of individual and governmental rights, etc. (GESLO 1, 2, 3, 4, 5 PSLO PHIL 1, 2, 3, 4 POLSC)
- 3. Develop writing and oral presentation skills as applied to topics in political philosophy. (GESLO 1, 2 PSLO PHIL 1, 4 POLSC)
- 4. Analyze and Evaluate political theory as it applies to contemporary issues, political life and political institutions, and the ethical concerns that arise. (GESLO 2, 3, 4 PSLO PHIL 1, 2, 3 POLSC)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

POLSC-050 Introduction to Comparative Politics

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

An introduction to the fundamental concepts used by political scientists to study the political institutions and outcomes in a broad range of national settings. The course emphasizes the rich diversity of political life, alternative solutions to important social issues, the link between political processes and policy outcomes, and the impact of global economic and political change on national political systems. National case studies will include the United States, United Kingdom, Germany, Russia, China, India, Nigeria and Mexico.

Requisites:**Advisory**

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

C-ID:

- Political Science

Comparable course: POLS 130

CSU - General Education - Breadth Requirements:

- Area D: Social Sciences

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 4H: Political Science, Government and Legal Institutions

LMC Standard AA/AS - General Education Requirements:

- B. Social & Behavioral Sciences

Student Learning Outcomes:

- 1. Have a stronger and more informed perspective on approaches to studying politics comparatively. (GESLOs 1, 2, 3, 4, 5; PSLOs 1, 2, 3, 4, 5)
- 2. Be familiar with the primary theories and concepts that form the building blocks of the subfield of comparative politics, especially as they apply to different nation states in the world. (GESLOs 1, 5; PSLOs 2, 3)
- 3. Define and explain in speech and writing the basic concepts of comparative political science, and apply them to the political institutions and policies of the United States and selected nation states, which are Germany, Sweden, Brazil, Mexico, Nigeria, Iran, Russia and China. (GESLOs 1, 5; PSLOs 2, 3)
- 4. Compare and contrast the political institutions of selected nation states. (GESLOs 2, 5; PSLOs 3, 4)
- 5. Describe and analyze the major political values and ideologies of selected nation states. (GESLOs 2, 3, 4, 5; PSLOs 1, 3, 4, 5)
- 6. Identify and compare the ethical assumptions underlying the political institutions, processes and policies of the selected nation states. (GESLOs 1, 2, 3, 4, 5; PSLOs 1, 2, 3, 4, 5)
- 7. Describe and compare the ways in which selected nation states, including the United States, have been affected by economic and cultural globalization. (GESLOs 2, 5; PSLOs 1, 3, 4)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours**Lecture Hours**

54.0

Lab Hours

0.0

Activity Hours

0.0

POLSC-043 International Relations

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course introduces students to the study of political, economic, and cultural relations among nation-states, international organizations, and nonstate actors, focusing on the interdependence of nation-states and cultures in the modern world. Students will be introduced to the theories of realism

and liberalism as well as the ethical implications of international conflict, trade, and sovereignty. The course features an interdisciplinary perspective, with contributions from geography, history, sociology, economics, and environmental studies.

Requisites:

Advisory

[POLSC010 - Introduction to American Government: Institutions and Ideals](#)

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

C-ID:

- Political Science

Comparable course: POLS 140

CSU - General Education - Breadth Requirements:

- Area D: Social Sciences

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 4G: Interdisciplinary, Social, and Behavioral Sciences

LMC Standard AA/AS - General Education Requirements:

- B. Social & Behavioral Sciences

Student Learning Outcomes:

- 1. Write and orally present a conflict analysis that applies the prevailing theories (realism and/or liberalism) of international relations and that includes a solution to the conflict. (PSLO 1 and 2)

- 2. Along with the discipline of international relations, utilize one or more of the following disciplines/subject matters; economics, environmental studies, demographic data, history, sociology or others to analyze the contemporary system of international trade. (PSLO 1 and 4,)
- 3. Analyze the relationship and ethical implications between poverty, economic development, and environmental degradation. (PSLO 3 and 5)
- 4. Analyze the history of imperialism/colonialism and how these processes continue to impact communities around the world. (PSLO 1, 3, and 5)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

POLSC-040 Introduction to California State and Local Politics

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course provides an overview of California politics, focusing on the organization and operation of government at the state and local governmental levels. This examination will include a review of the historical and geographical factors that have shaped California's development as well as the analysis of the contemporary political, social, demographic, and economic issues facing the state. In addition to consideration of institutional forces at the governmental level, non-governmental entities such as interest groups, campaign professionals, and media organizations, will be prominently featured during this course. The enduring significance of specific subjects and issues in the state political process, notwithstanding the annual budget process, elections, and diversity, will necessitate reflection at specific intervals. Salient features of the overall course design and requirements are structured to achieve a balance among the normative, practical, and participatory dimensions of California politics.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

CSU - General Education - Breadth Requirements:

- Area D: Social Sciences
- U.S. History, Constitution, and American Ideals

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 4H: Political Science, Government and Legal Institutions

LMC Standard AA/AS - General Education Requirements:

- SB: Social and Behavioral Sciences

Student Learning Outcomes:

- 1. At the completion of this course, the student will be able to read critically and effectively interpret written material about the California political system, including for example reports, established political theories and concepts, laws and public policy statements. The student will be capable of presenting such interpretations in both written and oral forms.
- 2. At the completion of this course, the student will be able to recognize, characterize, and describe the relevance of major historical events and other institutional features of the California political system. These features will encompass such topics as economic development, ethnic diversity, and basic features of California geography. This study of the California political system will lead to a broader understanding and critique of the role California has played in the development of the American social experience.
- 3. At the completion of this course, the student will be able to formulate, analyze and synthesize arguments for a particular point of view regarding the major themes and topics of California state and local government. These points of view will be especially representative of democratic ideals, public policy formation and implementation, state-wide public opinion, and the California legal system and issues.
- 4. At the completion of this course, the student will be able to identify, define, analyze, and describe the wide range of ethical considerations associated with the California political system, not limited to political values and beliefs, moral legal issues, and the ethical considerations and dilemmas of political leaders and the state governmental apparatus.
- 5. At the completion of this course, the student will be able to identify and evaluate the multicultural dimensions of California political culture, depth of pluralism in the California political system, and the effects of globalization on California society.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

POLSC-109 Introduction to Constitutional Law: Your Liberties and Rights

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is an introduction to U.S. constitutional law as it relates specifically to the federal judicial branch and its case history. Detailed emphasis will be placed on the Supreme Court, its powers, restraints, responsibilities, and how these affect diverse communities in the United States. The Supreme Court's landmark decisions related to the incorporation of the Bill of Rights, the due process of law, and how the court comes to its decisions will be the main fodder for this class, including recent cases relevant to the evolution of the court and its impact on the lives of our students. Socio-economic, political, and ethical issues as well as demographic data will be used during discussion, analysis, and debate of the role of the court in defining our civil liberties and rights.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:**IGETC - Requirements for Students Transferring to CSU or UC:**

- Area 4: Social & Behavioral Sciences

CSU - General Education - Breadth Requirements:

- Area D: Social Sciences
- US-2: United States Constitution and Government

LMC Local AA/AS - General Education Requirements:

- SB: Social and Behavioral Sciences

Student Learning Outcomes:

- Analyze and describe the Supreme Court's process of incorporation of the Bill of Rights including the historic development of precedent and the ethical issue of the landmark cases in this area of law. (PSLO 1, GE SLO 3)
- Analyze and describe the 14th Amendment's due process clause including both substantive and procedural due process. (PSLO 2)
- Analyze and describe the enforcement and lived experiences of Supreme Court decisions within diverse communities. (PSLO 1)
- Using the written case brief format, create fact-based analysis of constitutional cases focusing on their central questions, precedent, and the subsequent majority, concurring, and dissenting opinions used to answer those questions. (PSLO 4)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

POLSC-098 Independent Study in Political Science

Units: 0.5-3.0

[Print Page](#)

[Back to department listing](#)

Description:

Provides students an opportunity to design and pursue their own interests within a particular area. Projects reflecting cultural diversity and/or societal issues will be greatly encouraged. A contract must be drawn between the student and the instructor stipulating the goals of the independent study, the content, the method of approach, the estimated time involved, and the periodic evaluation to be used. Minimum 1 hour per week with instructor plus 54 hours of contracted work for each unit of credit. May not be repeated.

Requisites:

None

Course Note:

Submission of acceptable educational contract to department and Instruction Office is required.

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- Meet outcomes as specified in the approved Application for Independent Study.
- Gain knowledge and skill through the successful completion of an independent study course.
- Demonstrate and/or apply independent academic learning skills.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

0.5

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

162.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

162.0

Activity Hours

0.0

Process Technology**Program Information**

The Process Technology Program is designed to provide students with skills necessary to succeed in the chemical and refining industries. "Process technicians" are skilled plant operators who safely run

the refineries and chemical plants on 24 hours a day / 365 days a year basis. The curriculum is a combination of hands-on laboratory experiences, classroom lectures, and industrial site visits.

For the Associate of Science Degree in Process Technology, complete 35 units of coursework listed below as well as the General Education requirements. Consult a Los Medanos College counselor to develop your education plan for the Associate of Science Degree.

For the Certificate of Achievement in Process Technology, complete 35 units of coursework listed below. Consult a Los Medanos College counselor to develop your education plan.

Degrees and Certificates

[Bridge to Advanced Manufacturing College Skills Certificate](#)

[Process Technology Associate of Science Degree \(AS\)](#)

[Process Technology Certificate of Achievement \(COA\)](#)

Course Information

[PTEC007 - Industrial Technology Career Skills](#)

[PTEC009 - PTEC Mathematics](#)

[PTEC010 - Introduction to Process Technology](#)

[PTEC012 - Petrochemical Safety, Health, and Environment](#)

[PTEC015 - Fundamental Physics Principles for Industrial Technology](#)

[PTEC024 - Process Instrumentation](#)

[PTEC025 - Process Technology I- Equipment](#)

[PTEC027 - Applied Instrument Analysis](#)

[PTEC035 - Process Technology II- Systems](#)

[PTEC044 - Petrochemical Simulation Laboratory](#)

[PTEC045 - Process Technology III- Operations](#)

[PTEC048 - Process Troubleshooting](#)

[PTEC060 - Industrial Technology Career Preparation](#)

[PTEC100 - Introduction to Industrial Technology And Trades](#)

[PTEC170 - Occupational Work Experience Education In Process Technology](#)

[PTEC180 - Internship in Process Technology](#)

[Back to department listing](#)

Process Technology Associate of Science Degree (AS)

A.S. Degree Local

[Print Page](#)

[Back to department listing](#)

Units:

60.0 units

The Process Technology Program is designed to provide students with the skills necessary to succeed in the chemical and refining industries. "Process technicians" are skilled plant operators who safely run the refineries and chemical plants 24 hours a day / 365 days a year basis. The curriculum is a combination of hands-on laboratory experiences, classroom lectures, and industrial site visits. For the Associate of Science Degree in Process Technology, complete 35 units of coursework listed below as well as the General Education requirements. Consult a Los Medanos College counselor to develop your education plan for the Associate of Science Degree. For the Certificate of Achievement in Process Technology, complete 35 units of coursework listed below. Consult a Los Medanos College counselor to develop your education plan.

Toggle

Program Learning Outcomes

- 1. Be academically and experientially prepared to obtain an entry-level position in the chemical, refining, oil and gas production, water, waste management, food, and related manufacturing industries.
- 2. Apply critical thinking to research, evaluate, analyze and synthesize information to solve problems related to process equipment, instruments, systems, and operations within the chemical, refining, oil and gas production, water, waste management, food, and related manufacturing industries.
- 3. Demonstrate excellent communications skills (oral and written) to ensure optimal communication with shift co-workers, first-line supervisors, maintenance personnel, safety personnel, contractors, and other members of the manufacturing site team.
- 4. Demonstrate knowledge of the process technology and apply the technical skills necessary to operate complex process equipment and systems such as distillation, fired boiler, refrigeration, cooling tower, reactor, and similar unit operations.

Toggle

Program Requirements

A.S. Degree Local

Required Courses for Major (Total 36)

Complete all of the following

Recommended Courses for Major (Total 0)

Complete all of the following

Required Courses for Major (Total 32)

Complete all of the following

[PHYS015 - Introduction to Physics](#) 4

[PTEC007 - Industrial Technology Career Skills](#) 1

[PTEC009 - PTEC Mathematics](#) 5

PTEC010 - Introduction to Process Technology 3
PTEC012 - Petrochemical Safety, Health, and Environment 1
PTEC024 - Process Instrumentation 3
PTEC025 - Process Technology 1- Equipment 3
PTEC027 - Applied Instrument Analysis 1
PTEC035 - Process Technology II- Systems 3
PTEC044 - Petrochemical Simulation Laboratory 1
PTEC045 - Process Technology III- Operations 3
PTEC048 - Process Troubleshooting 3
PTEC060 - Industrial Technology Career Preparation 1
Required Courses for Major (Total 4)
Complete the following number of credits: 4
CHEM006 - Introduction to Inorganic and Physical Chemistry 4
CHEM007 - Introduction to General, Organic, and Biochemistry 4

Process Technology Certificate of Achievement (COA)

Certificate of Achievement

[Print Page](#)

[Back to department listing](#)

Units:

36.0 units

The Process Technology Program is designed to provide students with the skills necessary to succeed in the chemical and refining industries. "Process technicians" are skilled plant operators who safely run the refineries and chemical plants 24 hours a day / 365 days a year basis. The curriculum is a combination of hands-on laboratory experiences, classroom lectures, and industrial site visits. For the Associate of Science Degree in Process Technology, complete 35 units of coursework listed below as well as the General Education requirements. Consult a Los Medanos College counselor to develop your education plan for the Associate of Science Degree. For the Certificate of Achievement in Process Technology, complete 35 units of coursework listed below. Consult a Los Medanos College counselor to develop your education plan.

Toggle

Program Learning Outcomes

- 1. Be academically and experientially prepared to obtain an entry-level position in the chemical, refining, oil and gas production, water, waste management, food, and related manufacturing industries.
- 2. Apply critical thinking to research, evaluate, analyze and synthesize information to solve problems related to process equipment, instruments, systems, and operations within the

chemical, refining, oil and gas production, water, waste management, food, and related manufacturing industries.

- 3. Demonstrate excellent communications skills (oral and written) to ensure optimal communication with shift co-workers, first-line supervisors, maintenance personnel, safety personnel, contractors, and other members of the manufacturing site team.
- 4. Demonstrate knowledge of the process technology and apply the technical skills necessary to operate complex process equipment and systems such as distillation, fired boiler, refrigeration, cooling tower, reactor, and similar unit operations.

Toggle

Program Requirements

Certificate of Achievement

Required Courses for Major (Total 36)

Complete all of the following

Required Courses for Major (Total 32)

Complete all of the following

PHYS015 - Introduction to Physics 4

PTEC007 - Industrial Technology Career Skills 1

PTEC009 - PTEC Mathematics 5

PTEC010 - Introduction to Process Technology 3

PTEC012 - Petrochemical Safety, Health, and Environment 1

PTEC024 - Process Instrumentation 3

PTEC025 - Process Technology I- Equipment 3

PTEC027 - Applied Instrument Analysis 1

PTEC035 - Process Technology II- Systems 3

PTEC044 - Petrochemical Simulation Laboratory 1

PTEC045 - Process Technology III- Operations 3

PTEC048 - Process Troubleshooting 3

PTEC060 - Industrial Technology Career Preparation 1

Required Courses for Major (Total 4)

Complete the following number of credits: 4

CHEM006 - Introduction to Inorganic and Physical Chemistry 4

CHEM007 - Introduction to General, Organic, and Biochemistry 4

Bridge to Advanced Manufacturing College Skills Certificate

College Skills Certificate

[Print Page](#)

[Back to department listing](#)

Units:

10.0 units

The Process Technology Program is designed to provide students with skills necessary to succeed in the chemical and refining industries. "Process technicians" are skilled plant operators who safely run the refineries and chemical plants on a 24 hours a day / 365 days a year basis. The curriculum is a combination of hands-on laboratory experiences, classroom lectures, and industrial site visits.

Toggle

Program Learning Outcomes

- 1. This certificate will provide new and returning students, including veterans, with skills necessary to succeed in obtaining a Certificate of Achievement in Process Technology.

Toggle

Program Requirements

College Skills Certificate

Required Courses for Major (Total 8 - 12)**Complete all of the following**

[PTEC007 - Industrial Technology Career Skills](#) 1

[PTEC010 - Introduction to Process Technology](#) 3

[PTEC012 - Petrochemical Safety, Health, and Environment](#) 1

Required Math Course for Major (Total 3 - 7)**Complete the following number of credits: 3-7**

[MATH025 - Elementary Algebra](#) 5

[MATH026 - Plane Geometry](#) 3

[MATH027 - Pre-Statistics](#) 4

[MATH029 - Accelerated Elementary & Intermediate Algebra](#) 7

[MATH030 - Intermediate Algebra](#) 4

[MATH110 - Introduction to Statistics](#) 4

[MATH110 - Introduction to Statistics](#) 4

[MATH120 - Number Systems](#) 4

[MATH140 - Applied Calculus](#) 4

[MATH155 - Precalculus](#) 4

[MATH160 - Discrete Math](#) 4

[MATH210 - Calculus and Analytic Geometry I](#) 4

[MATH220 - Calculus and Analytic Geometry II](#) 4

[MATH230 - Calculus and Analytic Geometry III](#) 4

[MATH240 - Differential Equations](#) 3

[MATH250 - Linear Algebra](#) 3

PTEC-007 Industrial Technology Career Skills

Units: 1.0

[Print Page](#)

[Back to department listing](#)

Description:

This highly interactive course gives students awareness and know-how to succeed in the industrial technology environment. The student will learn about personal and interpersonal interactions including self motivation, communication, teamwork, work/life balance, shift operations behavior, personal vision, confidence, initiative, attitude, personal appearance and positive behavior. The student will learn about working in the industrial technology environment and acquire these skills through a series of interactions with the instructor and other students utilizing a variety of learning media.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Effectively use non technical career skills such as teamwork, listening, inquiry, work ethics, and attitude in industrial technology situations. (PSLO 1, 2, 3,)
- 2. Create an industrial technology career plan including priorities and goals. (PSLO 1,3)
- 3. Describe and explain the issues of work/life balance in the industrial technology environment. (PSLO 1, 3)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

1.0

Maximum Credit Units

1.0

Total Course In-Class (Contact) Hours

18.0

Course in class (contact) hours**Lecture Hours**

18.0

Lab Hours

0.0

Activity Hours

0.0

PTEC-009 PTEC Mathematics

Units: 5.0

[Print Page](#)

[Back to department listing](#)

Description:

This course meets the math requirements for the Associate of Science degrees in Process Technology. In this course math is taught in the context of problems commonly encountered by process technicians. Content includes basic algebra; unit analysis and unit conversions; multi-step

problem-solving using linear, quadratic, rational, exponential, logarithmic functions; data analysis using graphs and numerical descriptions of central tendency and variation; basic laws of probability and the normal curve.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Advisory

equivalent of a C- or better in high school Algebra I, **Advisory**
Integrated Math I

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

LMC Standard AA/AS - General Education Requirements:

- LR: Language and Rationality

Student Learning Outcomes:

- 1) Use unit analysis and execute unit conversions in contexts relevant to process technology. (PSLO 1)
- 2) Interpret formulas as mathematical models and solve for one variable in terms of others. (PSLO 1 and 2)
- 3) Use scientific notation and properties of exponents to represent quantities relevant to process technology. (PSLO 1 and 2)
- 4) Use course concepts to devise multi-step problem-solving strategies to solve problems that arise in process technology. (PSLO 1 and 2)
- 5) In the context of process technology applications, solve problems using linear, quadratic, rational, exponential, logarithmic and trigonometric functions, as well as the volume of common geometric shapes. (PSLO 1 and 2)

- 6) Organize data by constructing graphs and describe data using measures of central tendency and variation. (PSLO 1 and 2)
- 7) Apply probability rules and counting techniques to statistical process control.(PSLO 1 and 2)
- 8) Use the normal distribution to describe the probability of a process meeting specifications. (PSLO 1 and 2)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

5.0

Maximum Credit Units

5.0

Total Course In-Class (Contact) Hours

90.0

Course in class (contact) hours

Lecture Hours

90.0

Lab Hours

0.0

Activity Hours

0.0

PTEC-010 Introduction to Process Technology

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This introductory course will provide a clear overview of everyday life in the Process Technology industry. The student will learn about and experience first hand the variety of equipment used in typical processes and see how important safety and environmental considerations are in petrochemical operations. The class includes labs and field trips to typical chemical and petroleum manufacturing plants. The student is expected to climb ladders to the top of processing units, wear and carry safety equipment, and work in confined spaces.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Identify and differentiate in the field typical petro/chemical and bulk manufacturing equipment such as pumps, valves, control loops, reactors, separation columns, mixers, driers, packagers, extruders, and heat exchangers. (PSLO 2,3,4)
- 2. Describe and illustrate the function and operation of each of the previous items. (PSLO 2,3,4)
- 3. Enumerate and describe the responsibilities of a typical petrochemical operating technician. (PSLO 3,4)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours**Lecture Hours**

54.0

Lab Hours

0.0

Activity Hours

0.0

PTEC-012 Petrochemical Safety, Health, and Environment

Units: 1.0

[Print Page](#)

[Back to department listing](#)

Description:

This course provides an in-depth view of how important safety and environmental considerations are in the petrochemical industry. Covers the various government regulatory groups that oversee this

industry and explains why the use of planning, protection, and preventative procedures enable the petrochemical industries to provide occupations that are interesting, rewarding and safe.

Requisites:

Advisory

[PTEC010 - Introduction to Process Technology](#)

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Describe the general safety, health, and environmental procedures ,regulations, and regulators (OSHA, EPA, BAAQMD) that impact the petrochemical industry. (PSLO 2,3)
- 2. Outline and analyze the various hazards that might exist in a petrochemical operation and their short and long term impact on the environment and individuals. (PSLO 2,3,4)
- 3. Demonstrate the function, purpose, and use of typical personal protective equipment (PPE) found in petrochemical operations. (PSLO 4)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

1.0

Maximum Credit Units

1.0

Total Course In-Class (Contact) Hours

18.0

Course in class (contact) hours

Lecture Hours

18.0

Lab Hours

0.0

Activity Hours

0.0

PTEC-015 Fundamental Physics Principles for Industrial Technology

Units: 4.0

[Print Page](#)

[Back to department listing](#)

Description:

This course builds the fundamental physical concepts that are used in the Industrial Technology field. A conceptualized and contextualized approach is used to develop an understanding of energy and matter through a study of such topics as motion, heat, temperature, pressure, magnetism, electromagnetism, electricity, and circuits. Emphasis is placed on practical aspects of physics used by technicians in advanced manufacturing roles.

Requisites:

Co-Requisite

PTEC009 - PTEC Mathematics

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:**LMC Standard AA/AS - General Education Requirements:**

- A. Natural Sciences

Student Learning Outcomes:

- CSLO 1: Explain the physical principles behind the operation of chemical and bulk manufacturing equipment such as: pumps, compressors, reactors, separation columns, mixers, driers, extruders, and heat exchangers. (PSLO 1, 2, 4)
- CSLO 2: Recognize and explain potential hazards posed by electrical, pneumatic, and mechanical equipment. (PSLO 1, 2, 4)
- CSLO 3: Analyze and solve physics problems using engineering unit analysis to justify the units used throughout the calculations. (PSLO 1, 2, 4)
- CSLO 4: Diagram and assemble the components of an industrial device, such as an electric motor, centrifugal pump, compressor, piping systems, and other common mechanical industrial equipment. (PSLO 1, 2, 4)
- CSLO 5: Evaluate and communicate the benefits and impact of different industrial energy sources on the environment. (PSLO 1, 2, 3)
- CSLO 6: Use scientific inquiry to understand and apply the laws of thermodynamics as it relates to heat and energy, temperature-pressure-volume relationships, phase change, density, heat capacity, fluid flow and how this impacts industrial equipment and instrumentation such as heat exchangers, pumps, level measurement, and auxiliary equipment. (PSLO 1, 2, 4)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

4.0

Maximum Credit Units

4.0

Total Course In-Class (Contact) Hours

72.0

Course in class (contact) hours

Lecture Hours

72.0

Lab Hours

0.0

Activity Hours

0.0

PTEC-024 Process Instrumentation

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This class puts together all of the typical components of a 'control loop' and explains how an instrument control system works. The student will also learn about the instruments that measure and control process variables such as pressure, temperature, and flow, and will gain an appreciation of this critical and applicable knowledge. The student will also see how instruments do most of the work in a typical petrochemical process.

Requisites:**Prerequisite**

[PTEC009 - PTEC Mathematics](#)

Prerequisite

[PTEC010 - Introduction to Process Technology](#)

Advisory

[PTEC012 - Petrochemical Safety, Health, and Environment](#)

Advisory

[PTEC007 - Industrial Technology Career Skills](#)

Advisory

[CHEM006 - Introduction to Inorganic and Physical Chemistry](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Identify and differentiate the typical instruments and instrument components used in industrial operations.(PSLO 2,3,4)
- 2. Describe and illustrate the function and operation of typical industrial instruments. (PSLO 2,3,4)
- 3. Describe the functionality of control loop components in order to effectively communicate with the instrumentation technician.(PSLO 2,3,4)

Grade Options:

- Pass/No Pass (P/NP)

- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

72.0

Course in class (contact) hours

Lecture Hours

45.0

Lab Hours

27.0

Activity Hours

0.0

PTEC-025 Process Technology 1- Equipment

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

The student will learn about equipment such as heat exchangers, distillation towers, reactors, valves, and pumps. Not only will you acquire essential skills that will help you pursue a career in the petrochemical industry, but the next time you drive past a chemical plant, you will be able to explain to your family or friends what is really going on.

Requisites:

Prerequisite

[PTEC009 - PTEC Mathematics](#)

Prerequisite

[PTEC010 - Introduction to Process Technology](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Identify and distinguish the typical process equipment used in the petrochemical industry such as pumps, motors, compressors, heat exchangers, reactors, cooling towers, boilers, filters, dryers, tanks, vessels, piping, fittings and hoses. (PSLO 1,3,4)
- 2. Compare and contrast the operation of typical petrochemical processing equipment. (PSLO 1,3,4)
- 3. Demonstrate and evaluate the purpose, type, operating tolerances, and function of typical petrochemical processing equipment. (PSLO 2)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

PTEC-027 Applied Instrument Analysis

Units: 1.0

[Print Page](#)

[Back to department listing](#)

Description:

An introduction to analytical instruments used in typical laboratories, such as gas chromatographs and chemical titrating instruments. Covers various methods of sampling and analyzing to determine the composition of typical liquids, solids, and gases used in the petrochemical industry.

Requisites:

Co-Requisite

[PTEC024 - Process Instrumentation](#)

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Explain and apply common safety practices used in an industrial lab. (PSLO 1,3)
- 2. Describe and Explain the operation and the theory that relates to the operation of analytical equipment. (PSLO 2,3)
- 3. Describe and use basic laboratory equipment operation such as chromatography, titration, pH analysis, and balances. (PSLO 4)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

1.0

Maximum Credit Units

1.0

Total Course In-Class (Contact) Hours

36.0

Course in class (contact) hours

Lecture Hours

9.0

Lab Hours

27.0

Activity Hours

0.0

PTEC-035 Process Technology II- Systems

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

Building on the content learned in Process Technology I - Equipment (PTEC-025), this course covers the various 'systems' that tie the equipment together and keep them operating. The student will learn how to interact with these systems as a technician and will learn about financial considerations which make an operation profitable.

Requisites:**Advisory**

[PTEC025 - Process Technology 1- Equipment](#)

Advisory

[CHEM007 - Introduction to General, Organic and Biochemistry](#)

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Identify, describe, and explain the interrelationships between the components of the various systems (examples: fire water, waste water, breathing air, cooling water, natural gas, nitrogen, relief and flare, filtration, distillation) used in the petro/chemical industry. (PSLO 2,3,4)
- 2. Analyze how factors affecting process systems are controlled under normal conditions, recognize abnormal process conditions, and identify possible causes. (PSLO 2)
- 3. Apply the knowledge of these systems in order to operate processes on the job safely, effectively, and efficiently. (PSLO 1,2,3,4)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours**Lecture Hours**

54.0

Lab Hours

0.0

Activity Hours

0.0

PTEC-044 Petrochemical Simulation Laboratory

Units: 1.0

[Print Page](#)

[Back to department listing](#)

Description:

This PTEC laboratory builds upon knowledge gained about equipment and systems in PTEC-025 and PTEC-035. Computer simulation software is used to learn and practice skills in operating typical petrochemical unit operations such as heat exchanger systems and distillation columns.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Prerequisite

[PTEC027 - Applied Instrument Analysis](#)

Prerequisite

[PTEC035 - Process Technology II- Systems](#)

Prerequisite

[CHEM006 - Introduction to Inorganic and Physical Chemistry](#)

Co-Requisite

[PTEC007 - Industrial Technology Career Skills](#)

Co-Requisite

[PTEC012 - Petrochemical Safety, Health, and Environment](#)

Co-Requisite

[PTEC015 - Fundamental Physics Principles for Industrial Technology](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Not transferable

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Demonstrate academic knowledge/technical skills and experiential preparation for an entry-level position in the petrochemical industry by following a detailed procedure to manipulate the variables for a typical petrochemical unit operation, such as a distillation column, to achieve targeted criterion within a dynamic simulation environment. (Aligns most directly with PSLOs 1, 4)
- 2. Apply critical thinking and utilize inductive and deductive reasoning and knowledge of process equipment, variables, indicators, controllers, and troubleshooting tools and steps to resolve process equipment excursions in the petrochemical simulator. (Aligns most directly with PSLO 2)
- 3. Apply technical skills and knowledge of the process technology to assess underlying reasons for typical operational problems in process plants. (PSLO 4)

Grade Options:

- Pass/No Pass (P/NP)

Toggle

Units and Hours

Minimum Credit Units

1.0

Maximum Credit Units

1.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

54.0

Activity Hours

0.0

PTEC-045 Process Technology III- Operations

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

Drawing on the knowledge and skills learned in Process Technology I (PTEC-025) and II (PTEC-035), the student gains a deeper understanding of the responsibilities of an operating technician, including the specific roles of an operating technician and how to apply operation skills to startup and shutdown. The student will also learn how to operate a petrochemical plant and respond safely in the event of an emergency. Additional skills learned are how to keep a written log of process occurrences and communicate effectively with others.

Requisites:

Co-Requisite

[PTEC044 - Petrochemical Simulation Laboratory](#)

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Explain the understanding of and the overall operations within the process industry. (PLSO 1,2,3,4)
- 2. Apply knowledge of individual equipment, systems, and instrumentation to the operation of an entire unit. (PLSO 1,2,4)
- 3. Apply concepts related to commissioning, normal startup, normal operations, normal shutdown, turnarounds, and abnormal situations related to manufacturing industries. (PLSO 1,2,3,4)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

72.0

Course in class (contact) hours

Lecture Hours

45.0

Lab Hours

27.0

Activity Hours

0.0

PTEC-048 Process Troubleshooting

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This PTEC class teaches problem solving, or commonly referred to in industry as troubleshooting. The student will learn and practice skills such as deductive and inductive reasoning and root cause analysis to troubleshoot real petrochemical problems and to prevent problems from occurring in the future.

Requisites:

Co-Requisite

[PTEC045 - Process Technology III- Operations](#)

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Utilize inductive and deductive reasoning and knowledge of process equipment, variables, indicators, controllers, and troubleshooting tools and steps to solve problems in petrochemical process systems.
- 2. Assess underlying reasons for typical operational problems in process plants.
- 3. Apply troubleshooting skills to analyze integrated system problems and return to normal operations.
- 4. Recommend root cause analysis methods to correct and improve plant operations and safety performance.
- 5. Evaluate troubleshooting tools to the prediction and prevention of maintenance problems

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

PTEC-060 Industrial Technology Career Preparation

Units: 1.0

[Print Page](#)

[Back to department listing](#)

Description:

In this course, the student will learn about the phases of pre-employment including resume and application writing, pre-employment testing, and the all important interview. The student will learn about critical interviewing skills such as actions to take before the interview, how to dress, promptness, typical industry-type interviews, conduct during the interview, typical questions one might be asked, the STAR question process, industrial technology subject categories, questions to ask and not to ask during the interview, and interview follow up. The student will learn how to obtain a Transportation Workers Identification Credential (TWIC Card) and apply for BAT Safety Training certification and why these credentials are important in obtaining employment. Each student will participate in a mock interview similar to the interviews given by industrial technology companies.

Requisites:

Co-Requisite

[PTEC048 - Process Troubleshooting](#)

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Apply skills to professionally portray oneself during an interview for a position in petrochemical and related industries. (PSLO 1, 2, 3)
- 2. Acquire mechanical aptitude and spatial relations skills. (PSLO 1, 2, 4)
- 3. Write a resume aimed at employment in the petrochemical and related industries. (PSLO 1)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

1.0

Maximum Credit Units

1.0

Total Course In-Class (Contact) Hours

18.0

Course in class (contact) hours

Lecture Hours

18.0

Lab Hours

0.0

Activity Hours

0.0

PTEC-100 Introduction to Industrial Technology And Trades

Units: 2.0

[Print Page](#)

[Back to department listing](#)

Description:

This is a career exploration course for the industrial trades including: Automotive Technology, Electrical/Instrumentation Technology, Process Technology and Welding Technology. It will provide hands-on experience for students who are maybe undecided about their career direction, and allows them to explore through doing, in this survey course of the industrial trades. It will also teach them some basic skills in each trade. This is one course and will be listed under all of following course numbers AUTO-100, ETEC-100, PTEC-100 and

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CLSO 1: Define and describe programs & careers associated with industrial trades.
- CSLO 2: Identify basic elements of industrial trades including electrical, mechanical & physical systems.
- CSLO 3: Perform basic skills and safety procedures required in industrial trades.

Grade Options:

- Pass/No Pass (P/NP)

Toggle

Units and Hours

Minimum Credit Units

2.0

Maximum Credit Units

2.0

Total Course In-Class (Contact) Hours

72.0

Course in class (contact) hours

Lecture Hours

18.0

Lab Hours

54.0

Activity Hours

0.0

PTEC-170 Occupational Work Experience Education In Process Technology

Units: 1.0-4.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is for students whose work is related to their major. Occupational Work Experience Education provides students with opportunities to develop marketable skills in preparation for employment or advancement within their current job. To participate in cooperative work experience education, students must be employed or formally volunteer and undertake new or expanded responsibilities. Students, with faculty and employer approval, will develop and successfully complete one learning objective for each unit of credit in which they enroll. Additionally, students must work 75 paid hours or 60 non-paid hours for each unit of credit earned. Students may earn up

to 8 units per semester and may repeat for a maximum of 16 units of occupational work experience during community college attendance which may be applied as electives toward graduation.

Requisites:

None

Course Note:

Work Experience Education Requirements

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

Section 55253. College Credit and Repetition The amendment to Title 5 created an exception to the general rule for repetition of activity courses to allow students to take the full number of units of cooperative work experience, which would otherwise be allowed. (b) If a college offers only one course in occupational work experience in a given field and that course is not offered as a variable unit open entry/open-exit course, the district policy on course repetition adopted pursuant to section 55040 may permit a student to repeat that course any number of times so long as the student does not exceed the limits on the number of units of cooperative work experience education set forth in subdivision (a). Consistent with section 58161, attendance of a student repeating a cooperative work experience course pursuant to this subdivision may be claimed for state apportionment.

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Apply professionalism and work ethic skills including personal accountability, work habits, punctuality, working productively with others, and managing time and work load.
- CSLO 2: Work in collaborative relationships with colleagues and customers and be able to work with diverse teams, negotiate, and manage conflicts.
- CSLO 3: Apply critical thinking and problem solving skills by using sound reasoning and analytical thinking as well as using knowledge, facts, and data to solve workplace problems.
- CSLO 4: Communicate thoughts and ideas clearly and effectively using public speaking skills and the ability to write clearly and effectively.
- CSLO 5: Utilize, under direct supervision, knowledge, skills and abilities acquired during prior or concurrent college course work directly related to workplace responsibilities by applying appropriate Course-Level Student Learning Outcomes from a college course to the student's place of employment.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

1.0

Maximum Credit Units

4.0

Total Course In-Class (Contact) Hours

300.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

300.0

Activity Hours

0.0

PTEC-180 Internship in Process Technology

Units: 1.0-4.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is for students who have declared a major, have taken classes in the major, and are ready for on-the-job experience in a paid or unpaid position. An internship involves working in a skilled or professional level assignment in the area of a student's vocational or academic major or field of

interest. Students, with faculty and employer approval, will apply college-acquired knowledge, skills and abilities as well as acquire new learning to prepare for a career in their chosen field. Students must work 75 paid hours or 60 non-paid hours for each unit of credit earned. Students may earn a maximum of 16 units of occupational work experience internship during community college attendance which may be applied as electives toward graduation. 12 units are transferable to CSU.

Requisites:

None

Course Note:

Work Experience Education Requirements

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

Section 55253. College Credit and Repetition The amendment to Title 5 created an exception to the general rule for repetition of activity courses to allow students to take the full number of units of cooperative work experience, which would otherwise be allowed. (b) If a college offers only one course in occupational work experience in a given field and that course is not offered as a variable unit open entry/open-exit course, the district policy on course repetition adopted pursuant to section 55040 may permit a student to repeat that course any number of times so long as the student does not exceed the limits on the number of units of cooperative work experience education set forth in subdivision (a). Consistent with section 58161, attendance of a student repeating a cooperative work experience course pursuant to this subdivision may be claimed for state apportionment.

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Apply professionalism and work ethic skills including personal accountability, work habits, punctuality, working productively with others, and managing time and work load.
- CSLO 2: Work in collaborative relationships with colleagues and customers and be able to work with diverse teams, negotiate, and manage conflicts.
- CSLO 3: Apply critical thinking and problem solving skills by using sound reasoning and analytical thinking as well as using knowledge, facts, and data to solve workplace problems.
- CSLO 4: Communicate thoughts and ideas clearly and effectively using public speaking skills and the ability to write clearly and effectively.

- CSLO 5: Utilize, under direct supervision, knowledge, skills and abilities acquired during prior or concurrent college course work directly related to work place responsibilities by applying appropriate Course-Level Student Learning Outcomes from a college course to the internship.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

1.0

Maximum Credit Units

4.0

Total Course In-Class (Contact) Hours

300.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

300.0

Activity Hours

0.0

Psychology

Program Information

Degree(s) and/or certificates and courses listed below.

Degrees and Certificates

Psychology Associate of Arts Degree for Transfer (AA-T)

Course Information

PSYCH010 - Individual and Social Processes

PSYCH011 - General Psychology

PSYCH014 - The Psychology of Human Sexuality

PSYCH017 - Introduction to Research Methods in Psychology

[Back to department listing](#)

PSYCH-010 Individual and Social Processes

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This psychology course is designed to study selected concepts and principles of Psychology. Emphasis is on the functional aspects of individual and group behavior. It will focus on Psychology as a discipline within the Behavioral Sciences and its relationship to Anthropology and Sociology. This course addresses the ways in which psychological science can help us understand ourselves and adjust and cope with the many challenges we face on a personal, societal, and global perspective. Topics include personality theories, stress and coping, psychological factors and health, social influence, gender and sexual orientation, psychological disorders, and therapeutic ways of helping. We address adjustment in the digital age, demographic changes, concerns about money, work, health, and interpersonal relationships.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

CSU - General Education - Breadth Requirements:

- Area D: Social Sciences

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 4I: Psychology

LMC Standard AA/AS - General Education Requirements:

- SB: Social and Behavioral Sciences

Student Learning Outcomes:

- 1. Read critically and communicate effectively as a writer and speaker comparing and contrasting the “dueling theories” that describe, explain, change and predict behavior. (PLSO 3)
- 2. Demonstrate an interdisciplinary approach to problem solving by explaining the nature of stress, and identify coping strategies that are an effective approach to problem solving. (PSLO 5)
- 3. Think critically and creatively about the challenge of technological advances, and its impacts one’s search for meaning and direction.
- 4. Analyze the ethical implications of knowledge, decision-making, and actions by utilizing the scientific approach to behavior (PLSO 3) (GESLO 3)
- 5. Possess a world view by denoting the differences between individualistic and collective cultures. (PLSO 2)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

PSYCH-011 General Psychology

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

General Psychology is a survey course which introduces the student to the scientific study of mental process and behavior. The major goals of psychology to describe, explanation, predict and change behavior. The content includes the study of: theoretical perspectives, research, learning, growth and development, motivation, emotion, neurobiology, health, sensation, perception, memory, personality theory, abnormal behavior, psychotherapy, relationships, and social psychology. An interdisciplinary approach is used to communicate how bioscience, sociology, anthropology, and current affairs are interrelated in the study and the development of the discipline. Varied practical applications are addressed to understand out present social and world conditions they affect mental processes and behavior.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:**CSU - General Education - Breadth Requirements:**

- Area D: Social Sciences

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 4I: Psychology

LMC Standard AA/AS - General Education Requirements:

- SB: Social and Behavioral Sciences

C-ID:

- Psychology

Comparable course: PSY 110

Student Learning Outcomes:

- 1. Read critically and communicate effectively as a writer and speaker on the seven contemporary perspectives in psychology: psychoanalytic, cognitive, behavioral, evolutionary, neuroscience/biopsychology, humanistic and sociocultural. (PSLO 3)
- 2. Demonstrate an interdisciplinary approach to problem solving and explain strategies that overcome biases by synthesizing behavioral science perspectives (Psychology, Sociology, and Anthropology).
- 3. Think critically and creatively in both the diagnosis and treatment of psychological disorders.
- 4. Consider the ethical considerations inherent in knowledge, decision-making, and actions that influence our behavior towards others in the context of perceptual bias (GE SLO 3)
- 5. Possess a worldview informed by diverse social, multicultural, and global perspectives in relationship to learning, emotion and abnormal behavior. (PSLO 2)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

PSYCH-014 The Psychology of Human Sexuality

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This class is designed to help students better understand the subject of human sexuality as it relates to sexual intimacy from both an emotional and physical point of view. The subject of sexuality will be addressed from the disciplines of psychology, sociology, biology and physiology. The practical application of the course material will have an emphasis on the cognitive /behavioral approach to intimacy. The major focus of the class will be on the topic of intimacy, which will include self, emotional and sexual. Other topics that will be examined include sexual anatomy and physiology, gender issues, history, sexual orientation, sexual assault, domestic violence.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

CSU - General Education - Breadth Requirements:

- Area D: Social Sciences
- Area E: Lifelong Learning and Self-Development

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 4D: Gender Studies
- Area 4I: Psychology

LMC Local AA/AS - General Education Requirements:

- SB: Social and Behavioral Sciences

Student Learning Outcomes:

- 1. The ability to examine and discuss in class the current psychological issues in the area of human sexuality that are being presented in the national and international media, as well as the government legislative processes. (PSLO 1)
- 2. The ability to examine, present and discuss the subject of human sexuality pointing out the different social, cultural and global points of view as it relates to values, customs and behaviors throughout the world. (GESLO 3, PSLO 2)
- 3. The ability to examine, present and discuss the different theoretical psychological perspectives including the psychoanalytic, biological, cognitive and learning theory approach as it relates to the topics of gender and sexual psychological development. (PSLO 3)
- 4. The ability to examine, present and discuss the subjects of human sexual anatomy and physiology as they relate to the human sexual response and desire. (PSLO 4)
- 5. An examination and discussion of past and present sexual research regarding approach, methods used, and the significance of the results for the general population. (PSLO 5)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

PSYCH-017 Introduction to Research Methods in Psychology

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is an introduction to scientific methodology in psychology and other behavioral sciences. Emphasis is placed on descriptive, experimental, and applied research. Topics include hypothesis formation, review of professional literature, research design, collection of data, statistical analysis, and scientific report writing.

Requisites:

Prerequisite

[PSYCH011 - General Psychology](#)

Prerequisite

[MATH110 - Introduction to Statistics](#)

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:**C-ID:**

- Psychology

Comparable course: PSY 200

CSU - General Education - Breadth Requirements:

- Area D: Social Sciences

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 4I: Psychology

LMC Local AA/AS - General Education Requirements:

- SB: Social and Behavioral Sciences

Student Learning Outcomes:

- 1. analyze how behavioral science paradigms provide an understanding of social phenomena and problem solving. (PSLO 1, 2 and 3)
- 2. identify and explain the three purposes that behavioral science research serves. (PSLO 1 and 2)
- 3. distinguish among the descriptive methods in empirical research in order to determine appropriate research methods. (PSLO 1 and 2)

- 4. explain the basic elements of a research proposal and define, describe, and employ the APA style and format in order to write empirical reports. (PSLO 1 and 2)
- 5. differentiate between qualitative and quantitative research methods in order to determine the appropriate research method for a research study. (PSLO 1, 2 and 3)
- 6. compare strengths and limitations of experimentally based research designs in order to determine appropriate research methods and propose experimental research designs incorporating independent groups, dependent groups, complex designs and applied methods in order to conduct research. (PSLO 1, and 2)
- 7. examine how the modes of inquiry in behavioral science research can be utilized to collect data in diverse social settings and apply appropriate research designs to test hypothesis. (PSLO 1, 2 and 3)
- 8. distinguish between inductive and deductive reasoning and explain how they are applied to behavioral science research. (PSLO 2)
- 9. design and conduct experiments following appropriate ethical treatment of human and animal participants. (PSLO 2 and 3)

Grade Options:

None

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

Recording Arts

Program Information

Students of recording arts technology learn how to produce sound for a range of media. They learn how to record music, dialogue, and sound effects; edit, dub, and mix; operate and maintain equipment; and more. Technology is constantly changing and, here at LMC, we're up on the latest industry standards to help you succeed in the career of your dreams.

There are many opportunities for the trained recording arts professional in the fields of producing, sound reinforcement, independent audio engineering, mastering, video game creation, film and television sound, radio broadcast, forensic audio, hardware and software development, equipment maintenance and repair, bio-acoustic research, theatre sound, and many more.

It is extremely important to recognize that the industry has undergone a major paradigm shift in recent years. "Studio jobs" continue to exist, but due to the reduction in the need for large numbers of major studios, they are extremely scarce. The current model calls for entrepreneurs and independent contractors, trained to operate in a more "freelance" environment.

Digital technology and distribution via the Internet has shifted emphasis away from large record labels to independents who handle their own content and distribution, primarily by download.

Recording Arts Salary Averages in California:

Audio/Video Equipment Technician: \$64,400/year

Sound Engineering Technician: \$73,800/year

Information gathered from onetonline.org which is sponsored by the Department of Labor, 2023.

Degrees and Certificates

[Recording Arts Associate in Arts Degree \(AA\)](#)
[Recording Arts Certificate of Achievement \(COA\)](#)
[Recording Arts Level 1 College Skills Certificate](#)
[Recording Arts Level 2 College Skills Certificate](#)

Course Information

RA010 - Introduction to Recording Arts
RA012 - Sound Reinforcement
RA015 - Music Fundamentals for Audio Professionals
RA020 - Recording Arts II
RA021 - The Role of the Producer
RA025 - Basic Tracking Sessions
RA030 - Recording Arts III
RA032 - Recording Arts Workshop
RA033 - Advanced Recording Arts Workshop
RA035 - ProTools Production and Editing
RA040 - Recording Arts IV
RA170 - Occupational Work Experience Education In Recording Arts
RA180 - Internship in Recording Arts

[Back to department listing](#)

Recording Arts Associate in Arts Degree (AA)

A.A. Degree Local

[Print Page](#)

[Back to department listing](#)

Units:

60.0 units

The Recording Arts Program at LMC is the finest of its kind in the U.S.A. Curriculum is designed in cooperation with audio engineers, producers, and other recording arts professionals. The interdisciplinary program includes courses in music, audio engineering, and business. Faculty, comprised of recording engineers and other prominent professionals from the audio industry, prepare students technically and intellectually to compete in the recording industry job market. For the Associate of Arts Degree in Recording Arts, complete 27 units of coursework listed below as well as the General Education and requirements. Consult a Los Medanos College counselor to develop your education plan.

Toggle

Program Learning Outcomes

- 1. . Be able to transfer to a four-year recording industry program with advanced standing
- 2. . Be qualified for entry-level positions in the field.
- 3. Be positioned to begin entrepreneurial freelance work.

Toggle

Program Requirements

A.A. Degree Local

Required Courses for Major (Total 27)

Complete all of the following

RA010 - Introduction to Recording Arts 3

RA012 - Sound Reinforcement 3

RA015 - Music Fundamentals for Audio Professionals 3

RA020 - Recording Arts II 3

RA021 - The Role of the Producer 2

RA025 - Basic Tracking Sessions 3

RA030 - Recording Arts III 3

RA032 - Recording Arts Workshop 1

RA035 - ProTools Production and Editing 3

RA040 - Recording Arts IV 3

Recording Arts Certificate of Achievement (COA)

Certificate of Achievement

[Print Page](#)

[Back to department listing](#)

Units:

27.0 units

The Recording Arts Program at LMC is the finest of its kind in the U.S.A. Curriculum is designed in cooperation with audio engineers, producers, and other recording arts professionals. The interdisciplinary program includes courses in music, audio engineering, and business. Faculty, comprised of recording engineers and other prominent professionals from the audio industry, prepare students technically and intellectually to compete in the recording industry job market. For the Certificate of Achievement in Recording Arts, complete 27 units of coursework listed below. Consult a Los Medanos College counselor to develop your education plan.

Toggle

Program Learning Outcomes

- 1. Be able to transfer to a four-year recording industry program with advanced standing
- 2. Be qualified for entry-level positions in the field
- 3. Be positioned to begin entrepreneurial freelance work

Toggle

Program Requirements

Certificate of Achievement

Required Courses for Major (Total 27)

Complete all of the following

RA010 - Introduction to Recording Arts 3

RA012 - Sound Reinforcement 3

RA015 - Music Fundamentals for Audio Professionals 3

RA020 - Recording Arts II 3

RA021 - The Role of the Producer 2

RA025 - Basic Tracking Sessions 3

RA030 - Recording Arts III 3

RA032 - Recording Arts Workshop 1

RA035 - ProTools Production and Editing 3

RA040 - Recording Arts IV 3

Recording Arts Level 1 College Skills Certificate

College Skills Certificate

[Print Page](#)

[Back to department listing](#)

Units:

14.0 units

Students of recording arts technology learn how to produce sound for a range of media. They learn how to record music, dialogue, and sound effects; edit, dub, and mix; operate and maintain equipment; and more. Technology is constantly changing and, here at LMC, we're up on the latest industry standards to help you succeed in the career of your dreams. There are many opportunities for the trained recording arts professional in the fields of producing, sound reinforcement, independent audio engineering, mastering, video game creation, film and television sound, radio broadcast, forensic audio, hardware and software development, equipment maintenance and repair, bio-acoustic research, theatre sound, and many more. It is extremely important to recognize that the industry has undergone a major paradigm shift in recent years. "Studio jobs" continue to exist, but due to the reduction in the need for large numbers of major studios, they are extremely scarce. The current model calls for entrepreneurs and independent contractors, trained to operate in a more "freelance" environment. Digital technology and distribution via the Internet has shifted emphasis away from large record labels to independents who handle their own content and distribution, primarily by download.

Toggle

Program Learning Outcomes

- 1. Be qualified for entry-level positions in the field.
- 2. Be positioned to begin entrepreneurial freelance work

Toggle

Program Requirements

College Skills Certificate

Required Courses for Major (Total 14)

Complete all of the following

[RA010 - Introduction to Recording Arts](#) 3

[RA012 - Sound Reinforcement](#) 3

[RA015 - Music Fundamentals for Audio Professionals](#) 3

[RA020 - Recording Arts II](#) 3

[RA021 - The Role of the Producer](#) 2

Recording Arts Level 2 College Skills Certificate

College Skills Certificate

[Print Page](#)

[Back to department listing](#)

Units:

13.0 units

Students of recording arts technology learn how to produce sound for a range of media. They learn how to record music, dialogue, and sound effects; edit, dub, and mix; operate and maintain equipment; and more. Technology is constantly changing and, here at LMC, we're up on the latest industry standards to help you succeed in the career of your dreams. There are many opportunities for the trained recording arts professional in the fields of producing, sound reinforcement, independent audio engineering, mastering, video game creation, film and television sound, radio broadcast, forensic audio, hardware and software development, equipment maintenance and repair, bio-acoustic research, theatre sound, and many more. It is extremely important to recognize that the industry has undergone a major paradigm shift in recent years. "Studio jobs" continue to exist, but due to the reduction in the need for large numbers of major studios, they are extremely scarce. The current model calls for entrepreneurs and independent contractors, trained to operate in a more "freelance" environment. Digital technology and distribution via the Internet has shifted emphasis away from large record labels to independents who handle their own content and distribution, primarily by download.

Toggle

Program Learning Outcomes

- 1. Be qualified for entry-level positions in the field.
- 2. Be positioned to begin entrepreneurial freelance work.

Toggle

Program Requirements

College Skills Certificate

Required Courses for Major (Total 13)

Complete all of the following

[RA025 - Basic Tracking Sessions](#) 3

[RA030 - Recording Arts III](#) 3

[RA032 - Recording Arts Workshop](#) 1

[RA035 - ProTools Production and Editing](#) 3

[RA040 - Recording Arts IV](#) 3

RA-010 Introduction to Recording Arts

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is designed for the general student or the student entering the Recording Arts Program and includes an introduction to the terminology and practices within recording arts. The emphasis is on broad general concepts and practical methods. The content includes audio procedures, microphone techniques, overdubbing and basic mixing. The multi track recorder and mixing console are used for demonstration.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Demonstrate set-up, record and break-down procedures for basic recording sessions. (PSLO 1-3)
- CSLO 2: Demonstrate operation of a mixing console's basic functions. (PSLO 1-3)
- CSLO 3: Analyze, diagnose and correct common audio signal flow problems by means of standard professional trouble-shooting techniques. (PSLO 1-3)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

108.0

Course in class (contact) hours

Lecture Hours

36.0

Lab Hours

72.0

Activity Hours

0.0

RA-012 Sound Reinforcement

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is an overview of the field of concert sound reinforcement. This branch of audio engineering is concerned with the installation and operation of in-house and large transportable sound systems. The course provides the student with a working vocabulary and an explanation of how the many components of the sound system function and interrelate. Discussions on the acoustic environment, audio equipment, sound system setup, troubleshooting, sound check, the art of mixing sound for live performance and touring, give the student a behind-the-scene look at how this information is used by concert audio engineers. Meets the LMC Recording Arts Associate Degree and Certificate requirements.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Describe the purpose of each component of a concert sound reinforcement system. (PSLO 1-3)
- CSLO 2: Contrast the design features of front-of-house and monitor systems and the engineers operating each system. (PSLO 1-3)
- 3. Discuss the key concepts of acoustics and architectural acoustics as they relate to sound engineering (PSLO 1-3)
- 4. Describe tour pre-production and touring from an engineering perspective (PSLO 1-3)
- 5. Explain equalization curves and the various equalizers used in concert sound reinforcement (PSLO 1-3)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

90.0

Course in class (contact) hours

Lecture Hours

36.0

Lab Hours

54.0

Activity Hours

0.0

RA-015 Music Fundamentals for Audio Professionals

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is a basic music course addressing the specific needs of recording arts students by providing the specialized musical vocabulary and concepts needed to interact with artists in studio situations. This course also covers the basic technical aspects of music making.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Communicate with musicians using proper terminology (PSLO 1-3)
- 2. Read and analyze musical notation and scores at basic level (PSLO 1-3)
- 3. Compose short musical work, instrumental or vocal (PSLO 1-3)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

RA-020 Recording Arts II

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is the second semester course in the recording arts sequence and is designed to familiarize the student with the professional recording environment and the fundamentals of engineering. Topics include: overview of recording studio design, the recording team, detailed description of the recording chain with emphasis on LMC's state-of-the-art recording system, system interconnection, microphones, microphone technique and mixing consoles. Meets the LMC Recording Arts Associate Degree and Certificate requirements.

Requisites:

Prerequisite

[RA010 - Introduction to Recording Arts](#)

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Identify the rooms in a professional recording facility, including the equipment typically located in each room and describe the general features and purpose of each room. (PSLO 1-3)
- CSLO 2: Utilize the various cables, connectors, interface panels and patch bays used in professional recording studios and demonstrate professional system interconnection techniques, using this equipment. (PSLO 1-3)
- CSLO 3: Describe the roles of each member of a typical recording team and discuss industry practices with respect to recording session decorum. (PSLO 1-3)
- CSLO 4: Identify microphones typically used in professional recording studios by manufacturer and model and describe the features of each microphone. (PSLO 1-3)

- CSLO 5: Utilize all of the major features of a recording console's I/O modules and demonstrate how to operate each section of the I/O module with respect to managing signal flow. (PSLO 1-3)
- CSLO 6: Route audio signal from the console to storage devices, signal processors, control room monitors and the musician's cue system. (PSLO 1-3)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

108.0

Course in class (contact) hours

Lecture Hours

36.0

Lab Hours

72.0

Activity Hours

0.0

RA-021 The Role of the Producer

Units: 2.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is designed to develop strong competencies in the field of producing audio projects. The content includes detailed information on the work of producers through all three phases of production, evaluation of material, working with talent, budget analysis, legal issues, scheduling, negotiating with record labels and recording studios, managing session workflow, overseeing the mastering process and other trends in the field.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Prepare an overall plan for a professional recording project, including pre and post production elements (PSLO 1-3)
- 2. Describe and explain the components of commercially successful recording projects. (PSLO 1-3)
- 3. Describe and explain how to manage session workflow. (PSLO 1-3)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

2.0

Maximum Credit Units

2.0

Total Course In-Class (Contact) Hours

72.0

Course in class (contact) hours

Lecture Hours

36.0

Lab Hours

36.0

Activity Hours

0.0

RA-025 Basic Tracking Sessions

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is designed for students in the early stages of the Recording Arts program. Students will receive basic training in the use of LMC's high-end recording equipment, located in Studio B, and gain hands-on experience through involvement in recording sessions. The initial focus of the course is a review of system interconnection and the primary components of the recording system. Topics include: working with clients, multi-track recording formats, the purpose of basic tracks, documentation, session setup, microphone technique, signal flow through the console and configuring the control room equipment for tracking sessions.

Requisites:**Advisory**

[RA010 - Introduction to Recording Arts](#)

Advisory

ENGL100 - College Composition

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Oversee the production of multi-track audio sessions appropriate for demos and similar recordings. (PSLO 1-3)
- 2. Perform individual tasks of a recording engineer for demos and similar recordings. (PSLO 1-3)
- 3. Analyze, diagnose and correct common systemic signal flow and logistical issues encountered in demos and recording projects. (PSLO 1-3)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

90.0

Course in class (contact) hours

Lecture Hours

36.0

Lab Hours

54.0

Activity Hours

0.0

RA-030 Recording Arts III

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

Third semester course in the recording arts sequence. Course begins with a detailed discussion of establishing a career in the recording industry. The course includes an in-depth study of the history of recording from acoustic recording to present-day digital audio technology. The fundamentals of digital audio theory are covered. Additionally, an overview of issues related to computer-based recording systems, that includes information on configuring hardware, operating systems and application software is presented. Material related to configuring DAW hardware focuses on the Digidesign Pro Tools|HD Accel 3 digital recording system.

Requisites:

Prerequisite

[RA020 - Recording Arts II](#)

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Describe strategies for finding work within the recording industry. (PSLO 1 and 2)
- CSLO 2: Discuss the development of recording technology from an historical perspective. (PSLO 1-3)
- CSLO 3: Summarize the key aspects of digital recording theory. (PSLO 1-3)
- CSLO 4: Discuss the types of digital hardware and software used in professional recording studios. (PSLO 1-3)
- CSLO 5: Explain, from an engineering perspective, the basic considerations regarding hardware and software when configuring a digital audio workstation. (PSLO 1-3)
- CSLO 6: Summarize the key features of Macintosh and Windows operating systems with respect to digital audio recording. (PSLO 1-3)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

108.0

Course in class (contact) hours

Lecture Hours

36.0

Lab Hours

72.0

Activity Hours

0.0

RA-032 Recording Arts Workshop

Units: 1.0

[Print Page](#)

[Back to department listing](#)

Description:

Recording Arts Workshop is designed to provide students with hands-on experience as recording engineers. The course allows students to apply the fundamental information while participating in recording sessions. Throughout the course, the instructor demonstrates interconnection strategies, microphone technique, and console & digital audio workstation operations. Students are assigned selected activities such as session planning, documentation, session setup, recording basic tracks, overdubbing, basic console & storage device operation, and basic mixing. Second-year Recording Arts students are teamed up with first-year students to work as engineering teams, as they practice professional recording studio procedures.

Requisites:

Advisory

[RA010 - Introduction to Recording Arts](#)

Advisory

[RA020 - Recording Arts II](#)

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- Plan the overall set-up and signal paths for a variety of real-world recording sessions.
- Select microphones, create a microphone input list, set-up the microphones, and route audio signal from the microphones to the mixing console for a variety of recording sessions.
- Perform appropriate console routing for microphone and Digital Audio Workstation interfacing.
- Create and configure sessions in the Pro Tools Digital Audio Workstation software for a variety of recording sessions.

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

1.0

Maximum Credit Units

1.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

54.0

Activity Hours

0.0

RA-033 Advanced Recording Arts Workshop

Units: 2.5

[Print Page](#)

[Back to department listing](#)

Description:

This course is designed for advanced students. Students will receive detailed training in the use of LMC's high-end recording equipment and gain hands-on experience through involvement in recording sessions. Students will work in teams based on their skill level. The most advanced students will work on recording sessions, while other students receive further training on specific recording equipment and studio procedures. The initial focus of the course is a review of system interconnection and the primary components of the recording system. Topics include: working with clients, recording formats, documentation, session setup, microphone technique, signal flow through the console, console automation, linear and non-linear digital recording systems, analog multitrack recording with Dolby SR noise reduction, hardware and software signal processors, time code and synchronized recording systems, automated mixing, digital editing, and preparing the final product.

Requisites:**Prerequisite**

[RA020 - Recording Arts II](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Assume the appropriate professional role in the studio and control room. (PSLO 1-3)
- CSLO 2: Summarize the process of automated mixing. (PSLO 1-3)
- CSLO 3: Engineer a tracking or mixdown session while operating the mixing console. (PSLO 1-3)
- CSLO 4: Operate analog and digital storage devices. (PSLO 1-3)
- CSLO 5: Solve common problems encountered during recording sessions through the use of troubleshooting techniques and the use of electronic measurement tools. (PSLO 1-3)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

2.5

Maximum Credit Units

2.5

Total Course In-Class (Contact) Hours

72.0

Course in class (contact) hours

Lecture Hours

36.0

Lab Hours

36.0

Activity Hours

0.0

RA-035 ProTools Production and Editing

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

Audio production for radio, television, podcasting and cd release utilizing the industry standard pro-tools systems. Required for the LMC recording arts degree and certificate

Requisites:

Advisory

[RA010 - Introduction to Recording Arts](#)

Advisory

[RA020 - Recording Arts II](#)

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Describe and explain the fundamental differences between analog and digital recording processes (pslo 1-3)
- 2. Apply the theory and application of the basic operations of the pro-tools DAW, including the mix window, edit window and project mixing (pslo 1-3)
- 3. Produce a one minute radio spot within the pro-tools environment (pslo 1-3)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

RA-040 Recording Arts IV

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This is the fourth course in the recording arts sequence. This course focuses on five primary areas of study: audio post-production for film/video, signal processors, analog storage, mixing and mastering. The details of post-production audio for film are examined with an emphasis on synchronization techniques, time code and digital audio editing. An overview of signal processors is presented. Information from previous courses in the sequence is applied when studying mixing. Course concludes with a description of the mastering process. Required for the LMC Recording Arts Associated Degree and Certificate requirements. This course is offered in the spring only.

Requisites:

Prerequisite

[RA030 - Recording Arts III](#)

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Describe each stage of the creation of a film's sound track during post-production. (PSLO 1-3)
- CSLO 2: Use SMPTE time code to synchronize the operation of multiple recording devices. (PSLO 1-3)
- CSLO 3: Operate an analog tape machines. (PSLO 1-3)
- CSLO 4: Interface and operate basic signal processors when recording. (PSLO 1-3)
- CSLO 5: Describe and explain the process of mixing a multitrack recording. (PSLO 1-3)
- CSLO 6: Describe and explain the mastering process. (PSLO 1-3)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

108.0

Course in class (contact) hours

Lecture Hours

36.0

Lab Hours

72.0

Activity Hours

0.0

RA-170 Occupational Work Experience Education In Recording Arts

Units: 1.0-4.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is for students whose work is related to their major. Occupational Work Experience Education provides students with opportunities to develop marketable skills in preparation for employment or advancement within their current job. To participate in cooperative work experience education, students must be employed or formally volunteer and undertake new or expanded responsibilities. Students, with faculty and employer approval, will develop and successfully complete one learning objective for each unit of credit in which they enroll. Additionally, students must work 75 paid hours or 60 non-paid hours for each unit of credit earned. Students may earn up to 8 units per semester and may repeat for a maximum of 16 units of occupational work experience during community college attendance which may be applied as electives toward graduation.

Requisites:

None

Course Note:

Work Experience Education Requirements

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

Section 55253. College Credit and Repetition The amendment to Title 5 created an exception to the general rule for repetition of activity courses to allow students to take the full number of units of cooperative work experience, which would otherwise be allowed. (b) If a college offers only one course in occupational work experience in a given field and that course is not offered as a variable unit open entry/open-exit course, the district policy on course repetition adopted pursuant to section 55040 may permit a student to repeat that course any number of times so long as the student does not exceed the limits on the number of units of cooperative work experience education set forth in subdivision (a). Consistent with section 58161, attendance of a student repeating a cooperative work experience course pursuant to this subdivision may be claimed for state apportionment.

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Apply professionalism and work ethic skills including personal accountability, work habits, punctuality, working productively with others, and managing time and work load.

- CSLO 2: Work in collaborative relationships with colleagues and customers and be able to work with diverse teams, negotiate, and manage conflicts.
- CSLO 3: Apply critical thinking and problem solving skills by using sound reasoning and analytical thinking as well as using knowledge, facts, and data to solve workplace problems.
- CSLO 4: Communicate thoughts and ideas clearly and effectively using public speaking skills and the ability to write clearly and effectively.
- CSLO 5: Utilize, under direct supervision, knowledge, skills and abilities acquired during prior or concurrent college course work directly related to workplace responsibilities by applying appropriate Course-Level Student Learning Outcomes from a college course to the student's place of employment.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

1.0

Maximum Credit Units

4.0

Total Course In-Class (Contact) Hours

300.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

300.0

Activity Hours

0.0

RA-180 Internship in Recording Arts

Units: 1.0-4.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is for students who have declared a major, have taken classes in the major, and are ready for on-the-job experience in a paid or unpaid position. An internship involves working in a skilled or professional level assignment in the area of a student's vocational or academic major or field of interest. Students, with faculty and employer approval, will apply college-acquired knowledge, skills and abilities as well as acquire new learning to prepare for a career in their chosen field. Students must work 75 paid hours or 60 non-paid hours for each unit of credit earned. Students may earn a maximum of 16 units of occupational work experience internship during community college attendance which may be applied as electives toward graduation. 12 units are transferable to CSU.

Requisites:

None

Course Note:

Work Experience Education Requirements

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

Section 55253. College Credit and Repetition The amendment to Title 5 created an exception to the general rule for repetition of activity courses to allow students to take the full number of units of cooperative work experience, which would otherwise be allowed. (b) If a college offers only one course in occupational work experience in a given field and that course is not offered as a variable unit open entry/open-exit course, the district policy on course repetition adopted pursuant to section 55040 may permit a student to repeat that course any number of times so long as the student does not exceed the limits on the number of units of cooperative work experience education set forth in subdivision (a). Consistent with section 58161, attendance of a student repeating a cooperative work experience course pursuant to this subdivision may be claimed for state apportionment..

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Apply professionalism and work ethic skills including personal accountability, work habits, punctuality, working productively with others, and managing time and work load.
- CSLO 2: Work in collaborative relationships with colleagues and customers and be able to work with diverse teams, negotiate, and manage conflicts.
- CSLO 3: Apply critical thinking and problem solving skills by using sound reasoning and analytical thinking as well as using knowledge, facts, and data to solve workplace problems.
- CSLO 4: Communicate thoughts and ideas clearly and effectively using public speaking skills and the ability to write clearly and effectively
- CSLO 5: Utilize, under direct supervision, knowledge, skills and abilities acquired during prior or concurrent college course work directly related to work place responsibilities by applying appropriate Course-Level Student Learning Outcomes from a college course to the internship

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

1.0

Maximum Credit Units

4.0

Total Course In-Class (Contact) Hours

300.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

300.0

Activity Hours

0.0

Sign Language

Program Information

Degree(s) and/or certificates and courses listed below.

Degrees and Certificates

[American Sign Language Associate of Arts Degree \(AA\)](#)
[American Sign Language Certificate of Achievement \(COA\)](#)

Course Information

[SIGN050 - Elementary American Sign Language I](#)
[SIGN051 - Elementary American Sign Language II](#)
[SIGN052 - American Sign Language III](#)
[SIGN053 - American Sign Language IV](#)
[SIGN070 - Fingerspelling I](#)
[SIGN071 - Fingerspelling II](#)
[SIGN072 - Deaf Culture](#)
[SIGN098 - Independent Study in Sign Language](#)

[Back to department listing](#)

American Sign Language Associate of Arts Degree (AA)

A.A. Degree Local

[Print Page](#)

[Back to department listing](#)

Units:

30.0 units

The Associate of Arts Degree in American Sign Language is designed to provide educational experiences at the lower division level with depth, breadth, and rigor to ensure that transfer students are well prepared to succeed in upper-division work in Sign Language. The specific courses that comprise the degree were selected to meet the lower-division requirements for transfer to the California State University System baccalaureate degree programs in Sign Language.

Toggle

Program Learning Outcomes

- 1. Be academically prepared to transfer to a Sign Language program at a four-year university.

- 2. Demonstrate the ability to understand and sign using high-intermediate levels of sign language skills necessary for careers in sign and related fields.
- 3. Demonstrate and apply skills and knowledge in deaf culture.

Toggle

Program Requirements

A.A. Degree Local

Required Courses for Major (Total 24)

Complete all of the following

Required Courses for Major (Total 24)

Complete all of the following

[SIGN050 - Elementary American Sign Language I 5](#)

[SIGN051 - Elementary American Sign Language II 5](#)

[SIGN052 - American Sign Language III 5](#)

[SIGN053 - American Sign Language IV 5](#)

[SIGN070 - Fingerspelling I 0.5](#)

[SIGN071 - Fingerspelling II 0.5](#)

[SIGN072 - Deaf Culture 3](#)

American Sign Language Certificate of Achievement (COA)

Certificate of Achievement

[Print Page](#)

[Back to department listing](#)

Units:

24.0 units

The Certificate of Achievement in American Sign Language is offered as preparation for developing linguistic competency in ASL and readiness for entering a formal interpreter training program. Similarly, it is designed to provide educational experiences at the lower division level with depth, breadth, and rigor to ensure that transfer students are well prepared to succeed in upper-division work in Sign Language. The specific courses that comprise the degree were selected to meet the lower-division requirements for transfer to the California State University System baccalaureate degree programs in Sign Language. There is a need for skilled, qualified Sign Language interpreters in educational and social service agencies in our region and this certificate gets you there!

Toggle

Program Learning Outcomes

- 1. Be academically prepared to transfer to a Sign Language program at a four-year university.
- 2. Demonstrate the ability to understand and sign using high-intermediate levels of sign language skills necessary for careers in sign and related fields.
- 3. Demonstrate and apply skills and knowledge in deaf culture.

Toggle

Program Requirements

Certificate of Achievement

Required Courses in Major (Total 24)

Complete all of the following

Required Courses in Major (Total 24)

Complete all of the following

[SIGN050 - Elementary American Sign Language I](#) 5

[SIGN051 - Elementary American Sign Language II](#) 5

[SIGN052 - American Sign Language III](#) 5

[SIGN053 - American Sign Language IV](#) 5

[SIGN070 - Fingerspelling I](#) 0.5

[SIGN071 - Fingerspelling II](#) 0.5

[SIGN072 - Deaf Culture](#) 3

SIGN-072 Deaf Culture

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course provides an introduction to the Deaf Culture as it applies to the historical, cultural and social experiences of our Deaf community. Course will introduce issues directly related to the Deaf including education and assimilation in bilingual/bicultural settings. Course taught in American Sign Language. This course is part of a certificate in American Sign Language Proficiency.

Requisites:

Prerequisite

SIGN051 - Elementary American Sign Language II

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Identify and discuss important historical and current issues that encompass the Deaf Community and learn to use politically correct terms and appropriate vocabulary to describe the Deaf experience. (PSLO 1, 2, 3, 4 and 5)
- 2. Use facial expressions appropriately to demonstrate cultural respect and recognize that all members of the Deaf community do not always agree on degree of facial expressions. (PSLO 1, 2, 3, 4 and 5)
- 3. Utilize advanced American Sign Language skills to interact and communicate with the Deaf and hard of hearing community using culturally appropriated signs and body language. (PSLO 1, 2, 3, 4 and 5)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

SIGN-053 American Sign Language IV

Units: 5.0

[Print Page](#)

[Back to department listing](#)

Description:

This intensive course is designed for persons wanting to focus on teaching and practicing in expressive skills. ASL IV is a continuation of ASL III, with emphasis on grammatical accuracy, literary interpretation, intensive idiomatic expression and storytelling techniques. Depth of cultural awareness within the Deaf community through appropriate cultural contexts is the premise of classroom exercises and fieldwork. This course is part of a certificate in American Sign Language Proficiency.

Requisites:

Prerequisite

[SIGN052 - American Sign Language III](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

CSU - General Education - Breadth Requirements:

- Area C2: Humanities

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 6: Languages Other Than English (UC Requirement Only)

LMC Local AA/AS - General Education Requirements:

- AH: Arts and Humanities

Student Learning Outcomes:

- 1. Illustrate and demonstrate advanced signs including classification at level IV. (PSLO 1)
- 2. Demonstrate appropriate cultural nuances and their significance to the acquisition of American Sign Language at level IV. (PSLO 1, 2 and 3)
- 3. Apply skills in perceiving facial expressions, body language and sign to initiate and maintain a meaningful, conversation including idioms and with a member or members of the Deaf Community at level IV. (PSLO 1, 3, 5)
- 4. Communicate expressively and receptively at the ASL level IV. (PSLO 1, 2,3, 4, and 5)
- 5. Relate to the dynamics of a deaf child in a hearing family (PSLO 3 and 5)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

5.0

Maximum Credit Units

5.0

Total Course In-Class (Contact) Hours

90.0

Course in class (contact) hours

Lecture Hours

90.0

Lab Hours

0.0

Activity Hours

0.0

SIGN-070 Fingerspelling I

Units: 0.5

[Print Page](#)

[Back to department listing](#)

Description:

This course provides an introduction to the concentrated instruction in the expressive and receptive practice of beginning fingerspelling.

Requisites:

Prerequisite

[SIGN050 - Elementary American Sign Language I](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1 Develop the ability to use fingerspelling skills at the beginning level of competency
- 2 Use correct positioning of hand and demonstrate proper fingerspelling rules
- 3 Interpret and produce fingerspelling skills to produce numbers, describe animals, people, places, food, objects and brands.
- 4 Incorporate fingerspelling skills with American Sign Language.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

0.5

Maximum Credit Units

0.5

Total Course In-Class (Contact) Hours

18.0

Course in class (contact) hours

Lecture Hours

9.0

Lab Hours

9.0

Activity Hours

0.0

SIGN-052 American Sign Language III

Units: 5.0

[Print Page](#)

[Back to department listing](#)

Description:

This intensive course is designed for persons wanting to focus on teaching and practicing in expressive skills. ASL III is a continuation of ASL II, with increased emphasis on students' expressive skills, idiomatic expression nuance. Deeper cultural and historical awareness within the Deaf community through appropriate cultural contexts is the premise of classroom exercises and fieldwork. This course is part of a certificate in American Sign Language Proficiency.

Requisites:

Prerequisite

[SIGN051 - Elementary American Sign Language II](#)

Prerequisite

SIGN-066

Credit by Exam/Challenge:

Yes

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

CSU - General Education - Breadth Requirements:

- Area C2: Humanities

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 3B: Humanities
- Area 6: Languages other than English

LMC Local AA/AS - General Education Requirements:

- AH: Arts and Humanities

Student Learning Outcomes:

- 1. Develop the ability to comprehend Deaf Culture, Deaf people contributing to the world and history at level III. (PSLO 2 and 5)
- 2. Apply idiomatic expressions into everyday use of ASL at level III. (PSLO 1, 2, 3,4 and 5)
- 3. Develop the ability to express and to acquire receptive skills within all styles of communication at level III. (PSLO 1, 2, 3, 4 and 5)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

5.0

Maximum Credit Units

5.0

Total Course In-Class (Contact) Hours

90.0

Course in class (contact) hours

Lecture Hours

90.0

Lab Hours

0.0

Activity Hours

0.0

SIGN-051 Elementary American Sign Language II

Units: 5.0

[Print Page](#)

[Back to department listing](#)

Description:

A continuation intensive visual/finger/hand/ signing approach to understanding and communicating in advanced American Sign Language level II as it is used in the United States, and other English speaking cultures. The content used in learning the language is drawn from the rich deaf and hearing cultures of the United States. Sign-051 is the continuation of Sign-050 of a four semester series of receptive and expressive skills signing in the United States and other English speaking cultures.

Requisites:

Prerequisite

[SIGN050 - Elementary American Sign Language I](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

CSU - General Education - Breadth Requirements:

- Area C2: Humanities

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 3B: Humanities
- Area 6: Languages other than English

LMC Local AA/AS - General Education Requirements:

- AH: Arts and Humanities

Student Learning Outcomes:

- 1. Communicate in elementary transfer level II American Sign Language using receptive and expressive skills, and facial expression. Demonstrate appropriate basic grammar, syntax and vocabulary at the advanced level II. Apply acquired language skills associated with familiar topics, cultural themes, and survival situations. (PSLO 1, 2, 3)
- 2. Communicate in culturally and ethically appropriate ways, using the American Sign Language level II to create meaning and respond to Deaf community. Identify and discriminate between the nuances of the home culture and world cultures represented by the target language. (PSLO 1, 2, 3)
- 3. Illustrate competency in elementary American Sign Language level II by using skills for personal and global communication needs in the target language community locally and throughout the world. (PSLO 1, 2, 3)
- 4. Develop personal connections and global understanding using American Sign Language through technology. (PSLO 1, 2, 3)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

5.0

Maximum Credit Units

5.0

Total Course In-Class (Contact) Hours

90.0

Course in class (contact) hours

Lecture Hours

90.0

Lab Hours

0.0

Activity Hours

0.0

SIGN-071 Fingerspelling II

Units: 0.5

[Print Page](#)

[Back to department listing](#)

Description:

This course provides a continuation of learning how to read and express through advanced fingerspelling. This course is a continuation of the concentrated instruction in the expressive and receptive practice of advanced fingerspelling. The content in this course is used in the United States, and other English speaking cultures and is drawn from the rich deaf and hearing cultures of the United States. This course is a requirement for the Certificate of Achievement and Associate of Arts degree in American Sign Language.

Requisites:**Prerequisite**

[SIGN070 - Fingerspelling I](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Develop the ability to use fingerspelling skills at the second level of competency (PSLO 1, 3 and 4)
- 2. Demonstrate an increase in flow when fingerspelling (PSLO 1, 3 and 4)
- 3. Interpret and produce fingerspelling skills to express vocabulary related to life skills at the second level of fingerspelling (PSLO 1, 3 and 4)
- 4. Incorporate advanced fingerspelling skills with American Sign Language.(PSLO 1, 2, 3, 4 and 5)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

0.5

Maximum Credit Units

0.5

Total Course In-Class (Contact) Hours

18.0

Course in class (contact) hours

Lecture Hours

9.0

Lab Hours

9.0

Activity Hours

0.0

SIGN-050 Elementary American Sign Language I

Units: 5.0

[Print Page](#)

[Back to department listing](#)

Description:

An intensive visual/finger/hand/ signing approach to understanding and communicating in American Sign Language as it is used in the United States, and other English speaking cultures. The content used in learning the language is drawn from the rich deaf and hearing cultures of the United States. This is part one of a two part elementary American Sign Language program. This course is equivalent to two years of high school American Sign Language.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

CSU - General Education - Breadth Requirements:

- Area C2: Humanities

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 6: Languages Other Than English (UC Requirement Only)

Student Learning Outcomes:

- 1. Communicate in elementary transfer level I American Sign Language using receptive and expressive skills, and facial expression. Demonstrate appropriate basic grammar, syntax and vocabulary at the beginning level. Apply acquired language skills associated with familiar topics, cultural themes, and survival situations. (PSLO 1, 2, 3)
- 2. Communicate in culturally and ethically appropriate ways, using the American Sign Language to create meaning and respond to Deaf community. Identify and discriminate between the nuances of the home culture and world cultures represented by the target language. (PSLO 1, 2, 3)
- 3. Illustrate competency in elementary American Sign Language level I by using skills for personal and global communication needs in the target language community locally and throughout the world. (PSLO 1, 2, 3)
- 4. Develop personal connections and global understanding using American Sign Language through technology. (PSLO 1, 2, 3)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

5.0

Maximum Credit Units

5.0

Total Course In-Class (Contact) Hours

90.0

Course in class (contact) hours**Lecture Hours**

90.0

Lab Hours

0.0

Activity Hours

0.0

SIGN-098 Independent Study in Sign Language

Units: 0.5-3.0

[Print Page](#)

[Back to department listing](#)

Description:

Provides students an opportunity to design and pursue their own interests within a particular area. Projects reflecting cultural diversity and/or societal issues will be greatly encouraged. A contract must be drawn between the student and the instructor stipulating the goals of the independent study, the content, the method of approach, the estimated time involved, and the periodic evaluation to be used. Minimum 1 hour per week with instructor plus 54 hours of contracted work for each unit of credit. May not be repeated.

Requisites:

None

Course Note:

Submission of acceptable educational contract to department and Instruction Office is required.

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- Meet outcomes as specified in the approved Application for Independent Study.
- Gain knowledge and skill through the successful completion of an independent study course.

- Demonstrate and/or apply independent academic learning skills.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

0.5

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

162.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

162.0

Activity Hours

0.0

Social Justice Studies**Program Information**

Degree(s) and/or certificates and courses listed below.

Degrees and Certificates

[Social Justice: Chicano/Chicana Studies Associate in Arts for Transfer Degree \(AAT\)](#)

[Social Justice: LGBTQ Studies Associate in Arts for Transfer Degree \(AAT\)](#)

[Social Justice Studies: African American Studies Associate in Arts for Transfer Degree \(AAT\)](#)

Course Information

[SJS110 - Introduction to Social Justice Studies](#)

[SJS135 - Introduction to LGBTQ+ Studies](#)

[SJS136 - Introduction to Gender Studies](#)

[SJS150 - Introduction to Race & Ethnicity](#)

[Back to department listing](#)

Social Justice: LGBTQ Studies Associate in Arts for Transfer Degree (AAT)

A.A. Degree for Transfer

[Print Page](#)

[Back to department listing](#)

Units:

60 units

The Associate in Arts in Social Justice: LGBTQ Studies for Transfer Degree Program at Los Medanos College offers students a multidisciplinary approach to the study of Lesbian, Gay, Bisexual, Transgender and Queer identities, culture, art, literature politics, history and society in the United States and across cultures. Through the Arts, Humanities, and Social Sciences, students will incorporate queer theory, theories of race and ethnicity, and feminist theory, to examine, analyze and compare social and political movement, and consider the ways that we currently understand and have historically understood various constructions of sexuality, gender identity and behavior depending upon historic time and global location. To support this multidisciplinary approach, students in the Associate in Arts in Social Justice: LGBTQ Studies for Transfer Degree Program may take courses in history, psychology, politics, literature, film, art, ethnic studies, gender studies, child development and health. The degree requires a minimum of 18 units lower division work in LGBTQ Studies and related disciplines and is combined with the California State General Education Pattern to prepare students to take upper division courses at a California State University. To earn the Associate Degree for Transfer: 1. Completion of 60 semester units or 90 quarter units of degree-applicable courses, 2. Minimum overall grade point average of 2.0, 3. Minimum grade of "C" (or "P") for each course in the major, and 4. Completion of IGETC and/or CSU GE-Breadth Certain ADTs are based on completion of IGETC for STEM or CSU GE-Breadth for STEM.

Toggle

Program Learning Outcomes

- 1. Read critically a variety of primary and secondary, interdisciplinary, multicultural "texts" (essays, literature, visual art, film, music) about LGBTQ history, politics, literature, arts and media, and think critically and creatively about these works.

- 2. Summarize the histories and experiences LGBTQ people, as well as other oppressed ethnic, class, and gender minority groups in the United States, and discuss their contributions to the development of American society.
- 3. Analyze the social and political construction of sexual orientation and gender identity, as well as that of race, ethnicity, class, and gender and sexual orientation, and articulate how these concepts operate across social and cultural institutions.
- 4. Evaluate the ethical implications of the patterns of social and political power that affect sexual and gender minorities, as well as racial, ethnic, class minorities in the United States.
- 5. Analyze and evaluate the history of American social movements that have sought justice for oppressed sexual and gender minorities, as well as racial, ethnic, and class minority groups.
- 6. Compare and contrast the American experience of oppression and liberation with that of other selected nations and cultures.

Toggle

Program Requirements

A.A. Degree for Transfer
Required Courses

Required Courses for Major (Total 18)

Complete all of the following

[SJS110 - Introduction to Social Justice Studies](#) 3

[SJS135 - Introduction to LGBTQ+ Studies](#) 3

[SJS136 - Introduction to Gender Studies](#) 3

List A : Select 3 courses from at least 2 of the following areas. (Total 9)

Complete the following number of credits: 9

[HIST055 - History of Sexuality in North America](#) 3

[ENGL150 - Lesbian, Gay, Bisexual, Transgender, and Queer Literature](#) 3

[CHDEV050 - Teaching in a Diverse Society](#) 3

[PSYCH014 - The Psychology of Human Sexuality](#) 3

Social Justice Studies: African American Studies Associate in Arts for Transfer Degree (AAT)

A.A. Degree for Transfer

[Print Page](#)

[Back to department listing](#)

Units:

60 units

The Associate in Arts in Social Justice Studies: African American Studies for Transfer Degree at Los Medanos College will grant students with the opportunity to examine, analyze, and explore African Americans historically, socially, and politically. By employing a cross-disciplinary approach, this course shall allow students to thoroughly consider theoretical frameworks that have impacted the lives of African people in the United States. These theoretical infrastructures primarily include race, gender, and sexuality. Moreover, this course will expose students to the expanse of the African Diaspora, allowing students to recognize connections between African-Americans and African people who lived and are living in the Caribbean, Latin America, and Europe. Via the Arts, Humanities, and Social Sciences, the Associate in Arts in Social Justice Studies for Transfer Degree: African American Studies will offer students the chance to study African Americans in courses such as history, psychology, politics, literature, film, art, ethnic studies, gender studies, child development and health. The degree requires a minimum of 18 units lower division work in African American Studies and related disciplines and is combined with the California State General Education Pattern to prepare students to take upper division courses at a California State University. To earn the Associate Degree for Transfer: 1. Completion of 60 semester units or 90 quarter units of degree-applicable courses, 2. Minimum overall grade point average of 2.0, 3. Minimum grade of "C" (or "P") for each course in the major, and 4. Completion of IGETC and/or CSU GE-Breadth Certain ADTs are based on completion of IGETC for STEM or CSU GE-Breadth for STEM.

Toggle

Program Learning Outcomes

- 1. Read, write and discuss orally a variety of primary and secondary texts about African people in the United States and the African Diaspora.
- 2. Use art, film, music, and literature to critically examine and explore the history and struggle of African people in the United States and the African Diaspora.
- 3. Analyze the histories and experiences of African people and the contributions they have made to social justice and the fight for equality in the United States and the African Diaspora.
- 4. Examine the ethical and moral implications inherent in the experiences of African people in the United States and throughout the African Diaspora in their quest for social, moral and economic justice.

- 5. Compare and contrast the African American experience with other experiences that are a part of the African Diaspora.

Toggle

Program Requirements

A.A. Degree for Transfer
Required Courses

Required Courses for Major (Total 18)

Complete all of the following

[SJS110 - Introduction to Social Justice Studies](#) 3

[SJS136 - Introduction to Gender Studies](#) 3

[SJS150 - Introduction to Race & Ethnicity](#) 3

Required Courses for Major List A (Total 9)

Complete all of the following

[ENGL129 - Introduction to Contemporary African- American Literature](#) 3

[ETHN045 - Introduction to Black Studies](#) 3

[HIST061 - History of African-Americans Since 1865](#) 3

Social Justice: Chicano/Chicana Studies Associate in Arts for Transfer Degree (AAT)

A.A. Degree for Transfer

[Print Page](#)

[Back to department listing](#)

Units:

60 units

The Associate in Arts in Social Justice Studies: Chicano/a Studies for Transfer Degree at Los Medanos College will grant students the opportunity to examine, analyze and explore the history, politics and social movements of the Chicano/Chicana in the United States. By studying the foundational intersections of race, gender, language and geographic origin of the Chicano/a movement, students will be able to relate to contemporary issues facing America today. The course sequence will enrich students' multicultural knowledge that will apply to other areas of study. The degree requires a minimum of 18 units lower division work in Chicano/a Studies and related disciplines and is combined with the California State General Education Pattern to prepare students to take upper division courses at a California State University. To earn the Associate Degree for Transfer: 1. Completion of 60 semester units or 90 quarter units of degree-applicable courses, 2. Minimum overall grade point average of 2.0, 3. Minimum grade of "C" (or "P") for each course in the major, and 4. Completion of IGETC and/or CSU GE-Breadth Certain ADTs are based on completion of IGETC for STEM or CSU GE-Breadth for STEM.

Toggle

Program Learning Outcomes

- 1. Read, write and discuss orally a variety of texts written by and about Chicanos/as and the Chicano/a movement.
- 2. Use art, film, music, and literature to critically examine and explore the history and struggle of Chicanos/as in the United States and throughout Latin America.
- 3. Analyze the histories and experiences of Chicanos/as and the contributions they have made to social justice and the fight for equality in the United States.
- 4. Examine the ethical and moral implications inherent in the experiences of Chicanos/as in their quest for social, moral and economic justice.
- 5. Compare and contrast the Chicano/a experience with other experiences that are a part of or separate from the Latin American tradition.

Toggle

Program Requirements

A.A. Degree for Transfer

Required Courses

Required Courses for Major (Total 18)

Complete all of the following

[SJS110 - Introduction to Social Justice Studies](#) 3

[SJS150 - Introduction to Race & Ethnicity](#) 3

Required Courses for Major (Total 3)

Complete the following number of credits: 3

[ENGL135 - Introduction to LGBTQ+ Studies](#) 3

[ENGL136 - Introduction to Gender Studies](#) 3

List A, Area 1: History or Government (Total 3)

Complete all of the following

[HIST052 - Mexican American History](#) 3

List A, Area 2: Arts and Humanities (Total 6)

Complete the following number of credits: 6

[ART035 - Themes in Mesoamerican Culture through Ceramics](#) 3

[DRAMA030 - Chicano/a Mexican American Cinema: A Critical Analysis](#) 3

[ENGL120 - Introduction to Latino Literature and Its Latin American Roots](#) 3

[ENGL121 - Introduction to Chicano Literature](#) 3

[SPAN060 - Exploring Latino Cinema: A Critical Analysis](#) 3

SJS-110 Introduction to Social Justice Studies

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

Same as ENGL-110. Introduction to Social Justice Studies is an interdisciplinary course introducing students to the history, psychology and sociology of racial, ethnic, class, gender and sexual oppression in the United States and the history, strategy and structure of movements for social justice and liberation. It will explore the major theories of race, ethnicity, class, gender and sexuality as they are linked to social structures and institutional processes. Specific examples of persecution, segregation, and asymmetric power relations will be drawn from the testimony of the oppressed throughout American history - in art, film, literature and music. The practices of oppression and resistance in the United States will be compared and contrasted to the experiences of other nations and cultures.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

CSU - General Education - Breadth Requirements:

- Area D: Social Sciences

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 4: Social & Behavioral Sciences

LMC Local AA/AS - General Education Requirements:

- EM: Ethnic/Multicultural Studies
- SB: Social and Behavioral Sciences

C-ID:

- Social Justice Studies

Comparable course: SJS 110

Student Learning Outcomes:

- 1. Summarize the histories and experiences of oppressed ethnic, class, gender and sexual groups in the United States and their contributions to the development of American society.
- 2. Analyze the social and political construction of race, ethnicity, class, gender and sexual orientation, and how these concepts operate across social and cultural institutions.
- 3. Evaluate the ethical implications of patterns of social and political power that pervade racial, ethnic, class, gender and sexual relationships in the United States.
- 4. Analyze and evaluate the history of American social movements that have sought justice for oppressed racial, ethnic, class, gender and sexual groups.
- 5. Compare and contrast the American experience of oppression and liberation with that of other selected nations and cultures.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

SJS-135 Introduction to LGBTQ+ Studies

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

Formerly SOCSC-135 (Same as ENGL-135) LGBTQ+ Studies (Lesbian, Gay, Bisexual, Transgender, Queer, and "Plus." The "plus" represents other sexual and gender identities including pansexual, intersex, non-binary, two-spirit, and more). LGBTQ+ Studies takes an intersectional, interdisciplinary, multicultural approach to examining the historical, political, social and cultural issues that have affected LGBTQ+ people throughout time and globally. This class emphasizes that everyone has a gender and sexuality and in this sense explores the strengths of our differences. Students will study people from a wide variety of cultures, and gain a greater understanding of how matters of sexual orientation and gender identity impact and intersect with issues of class, race, ethnicity, ability, nationality, religion and mental health.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:**CSU - General Education - Breadth Requirements:**

- Area D: Social Sciences

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 4D: Gender Studies

C-ID:

- Social Justice Studies

Comparable course: SJS 130

LMC Local AA/AS - General Education Requirements:

- EM: Ethnic/Multicultural Studies

Student Learning Outcomes:

- 1. Read and respond to a variety of interdisciplinary, intersectional texts (essays, literature, visual art, film, music) about LGBTQ+ history and culture. Students will think critically and creatively about these works through writing and discussion, synthesis and analysis. (PSLO 1-5, GSLO 1-3, 5)
- 2. Investigate and determine how issues related to sexual orientation and gender identity impact not only LGBTQ+ people but everyone in society. (PSLO 1-5, GSLO 1-3, 5)
- 3. Evaluate the ethical implications of how systems such as cis-heteropatriarchy, white supremacy, colonization, capitalism, ableism, and religious intolerance have created injustices and marginalized communities. (PSLO 1-5, GSLO 1-5)
- 4. Develop an awareness of, describe, and analyze the contemporary contributions of the LGBTQ+ community and their impact throughout history. (PSLO 1-5, GSLO 1-3, 5)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

SJS-136 Introduction to Gender Studies

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

Formerly SOCSC-136 (Same as ENGL-136). Introduction to Gender Studies introduces students to foundational concepts in the field of gender studies. This course compares and contrasts sociological perspectives used to interpret gender. Through the course, students will understand key terms in gender studies, identifying differences between sex and gender and examining how these terms function within a larger social context. The course asks students to understand the main agents behind gender construction for both children and adults while identifying how these constructions operate across social and cultural institutions. Also, students will recognize the relationships between race, ethnicity, class, and sexuality as well as how power is negotiated within those relationships. Finally, students will gain a firm understanding of the social and political movements that have worked to change gender inequalities.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:**C-ID:**

- Sociology

Comparable course: SOCI 140

CSU - General Education - Breadth Requirements:

- Area D: Social Sciences

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 4: Social & Behavioral Sciences

LMC Local AA/AS - General Education Requirements:

- SB: Social and Behavioral Sciences
- EM: Ethnic/Multicultural Studies

Student Learning Outcomes:

- 1. Compare and contrast sociological perspectives used to interpret gender relations (GE SLO 1,2,3)
- 2. Differentiate between the terms sex and gender and discuss their differences within the larger social context of gendered relations (GE SLO 1,3)
- 3. Identify the main agents of gender socialization and their impact on children's and adults' gender construction (GE SLO 1,3)
- 4. Describe gender ideology and practices in multiple social institutions and across cultures and societies (GE SLO 1,3,5)
- 5. Identify the interplay of race, ethnicity, class, and sexuality affecting gender relations. Discuss the ethical implications for system of power based on gender. (GE SLO 1,3)
- 6. Outline the process by which people negotiate power and gender boundaries through their relationships with others. Discuss the ethical implications for systems of power based on gender. (GE SLO 1,3,4).
- 7. Identify social and political movements to change gender inequalities and gender practices (GE SLO 1,3)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

SJS-150 Introduction to Race & Ethnicity

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

(formerly SOCSC-150) Introduction to Race and Ethnicity encourages students to consider theoretical perspectives that are prevalent in current research on race and ethnicity. This course will also help students establish an extensive understanding of the ways that race is constructed historically, politically, and socially. Primarily through a sociological approach, this introductory course will prompt students to examine, evaluate, and identify key issues that arise within the frame of majority-minority group relations. Additionally, this course will ask students to analyze the ways that race and ethnicity intersect with locations of identity such as gender and class. More crucially, Introduction to Race and Ethnicity will motivate students to strive for racial/ethnic equality and social inclusion in an era in which racial discrimination is still significant.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:**C-ID:**

- Sociology

Comparable course: SOCI 150

CSU - General Education - Breadth Requirements:

- Area D: Social Sciences

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 4: Social & Behavioral Sciences

LMC Local AA/AS - General Education Requirements:

- EM: Ethnic/Multicultural Studies

Student Learning Outcomes:

- 1. Read and critique both in writing and orally, historical and current socio-political race and ethnic issues (i.e. Civil Rights Movement, Chicano Activism, immigration). (GESLO 1)
- 2. Analyze institutional inequalities in education, politics, economics, and the criminal justice system and institutional factors affecting race and ethnic relations. (GESLOs 3,4)
- 3. Creatively construct an analysis of the intersections of race and ethnicity with gender, class and other identities. (GESLOs 3,4)
- 4. Evaluate the ethical implications of the social construction of race and its effects on majority-minority race relations as they relate to power and privilege, racial imagery, and integration. (GESLOs 4)

- 5. Compare and contrast race and ethnicity from a multiracial, multicultural and global perspective. (GE5)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

Sociology

Program Information

Degree(s) and/or certificates and courses listed below.

Degrees and Certificates

[Sociology Associate in Arts for Transfer \(AA-T\)](#)

Course Information

[SOCIO012 - Introduction to Marriage and Family](#)

[SOCIO015 - Introduction to Sociology](#)

[SOCIO016 - Introduction to Social Problems](#)

[SOCIO017 - Introduction to Research Methods](#)

[SOCIO098 - Independent Study in Sociology](#)

[Back to department listing](#)

SOCIO-012 Introduction to Marriage and Family

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is an analysis of the family and how socio-cultural and economic forces have shaped the family. This course is designed to help students better understand family system dynamics and appreciate the variety and diversity among families today. Students will be introduced to a variety of topics including: traditional family and changing family forms, gender roles and socialization, communication patterns, singlehood, cohabitation and other non-marital options, family violence, crises and change, and the future of the family.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:**CSU - General Education - Breadth Requirements:**

- Area E: Lifelong Learning and Self-Development

C-ID:

- Sociology

Comparable course: SOCI 130

LMC Local AA/AS - General Education Requirements:

- B. Social & Behavioral Sciences

Student Learning Outcomes:

- 1. Read and understand the various sociological theories presented in the textbook chapters and articles assigned. Students will apply this material to help understand how these concepts relate to one's life experience--social, economic, and political. The impact that these social forces have on the self in relationship to the family system. (Refers to PSLO 2)
- 2. Identify and discuss the intersections among race, ethnicity, class, immigration status, age, gender, and sexuality within the family, including an analysis of the family from cross-cultural, historical, and political perspectives. (Refers to PSLO 1, 2 and 3)
- 3. Explain how the socialization process, related to age and gender, can influence the basic dimensions of social inequality within the family.(Refers to PSLO 1 and 2)
- 4. Read and understand the major theoretical perspectives on family violence, crisis, and change. (Refers to PSLO 1 and 2)
- 5. Identify and understand the various kinship and family arrangements. (Refers to PSLO 1 and 2)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

SOCIO-017 Introduction to Research Methods

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course examines the fundamental elements of empirical research and the ways in which sociologists think critically about research projects. Emphasis will be placed on the nature of theory, hypotheses, variables, computer applications, and the ethics of research. Application of qualitative and quantitative analytic tools including logic and research designs, such as survey, observational, experimental, and case study research designs will be examined.

Requisites:

Prerequisite

[SOCIO015 - Introduction to Sociology](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

C-ID:

- Sociology

Comparable course: SOCI 120

CSU - General Education - Breadth Requirements:

- Area D: Social Sciences

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 4J: Sociology and Criminology

LMC Local AA/AS - General Education Requirements:

- B. Social & Behavioral Sciences

Student Learning Outcomes:

- 1. Read and understand how sociological paradigms provide an opportunity to relate social theory to research and problem solving. Students will compare and contrast the paradigms used in the field of sociology and how they relate to different research approaches. (PSLO 1, 2 and 3)
- 2. Identify and explain the three purposes that sociological research serves and the relationship between social theory and research.(PSLO 1 and 2)
- 3. Distinguish among the descriptive methods in empirical research in order to determine appropriate research methods. (PSLO 1 and 2)
- 4. Explain the basic elements of a research proposal and how the research proposal is used in sociology. (PSLO 1 and 2)
- 5. Read and understand the various research designs, the role of quantitative techniques, data reduction in sociological analysis, and identify and review qualitative approaches being used by researchers. (PSLO 1, 2 and 3)
- 6. Conceptualize and operationalize variables in formulating testable hypotheses and compare strengths and limitations of various research designs, such as survey research, field research, unobtrusive research and experimental research, in order to determine appropriate research methods. (PSLO 1, and 2)
- 7. Read and understand how social research can be used to make informed decisions and critically evaluate research findings in terms of quality, credibility, and applicability. (PSLO 1, 2 and 3)
- 8. Distinguish between inductive and deductive reasoning and explain how they are applied to sociological research. (PSLO 2)
- 9. Demonstrate familiarity with computer applications and social science statistical software for conducting research. (PSLO 1 and 2)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)

- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

SOCIO-015 Introduction to Sociology

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

Introduction to the principles and theoretical perspectives of sociology. Topics will include sociological research methods, culture, groups, socialization, collective behavior, race and gender inequality, stratification, and urbanization. Comprehensive reading and writing exercises and assignments will provide students an opportunity to develop critical ways of looking at sociological phenomena. An examination of the various modes of inquiry used by behavioral scientists will encourage students to develop an awareness of the importance as well as the complexity of data collection and reporting.

Requisites:**Advisory**

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:**C-ID:**

- Sociology

Comparable course: SOCI 110

CSU - General Education - Breadth Requirements:

- Area D: Social Sciences

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 4J: Sociology and Criminology

LMC Standard AA/AS - General Education Requirements:

- SB: Social and Behavioral Sciences

Student Learning Outcomes:

- 1. Read critically and communicate effectively as a writer and speaker on sociological positions related to the consequences of subordinate and dominant category membership in the United States. (PSLO 2)
- 2. Demonstrate an interdisciplinary approach to understanding the relationship between sociology and the social sciences (economics, political science and history). (PSLO 3)
- 3. Think critically and creatively about the questions which can be answered in an empirical manner. Be able to distinguish questions which can be researched using science from questions which are philosophical in nature. (PSLO 1,4,5)

- 4. Analyze and synthesize how ethical values, obligations, consequences and the resulting moral implications relate to how we are socialized in American society. Be able to recognize and understand how our daily decisions and subsequent actions are products of the American value system. (GE SLO 3, PSLO 2)
- 5. Develop a coherent view of how language, subcultures and countercultures can produce cultural diversity in the United States and how these local perspectives can create attitudes related to how we view other people, nations and cultures around the world. (PSLO 3)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

SOCIO-016 Introduction to Social Problems

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

A sociological analysis of some of the major societal problems in the United States. Topics will cover a range of social issues, such as crime, violence, drug use, racism, sexism, social change, wealth and poverty, education and health issues, and urbanization. Students will be provided an opportunity to discuss reasons and possible solutions to social problems in an interdisciplinary and scientific manner. Reading and writing assignments will help students evaluate the social problems in a critical manner.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

C-ID:

- Sociology

Comparable course: SOCI 115

CSU - General Education - Breadth Requirements:

- Area D: Social Sciences

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 4J: Sociology and Criminology

LMC Standard AA/AS - General Education Requirements:

- SB: Social and Behavioral Sciences

Student Learning Outcomes:

- 1. Read critically and communicate effectively as a writer and speaker on research methods and theoretical sociological perspectives. (PSLO 1)
- 2. Demonstrate an interdisciplinary approach to understanding the relationship between American social problems and economics, political science and history. (PSLO 3)
- 3. Think critically and creatively about how sociological theory can present causes and solutions to American social problems. (PSLO 1,5)
- 4. Analyze and synthesize how ethical values, obligations, consequences and the resulting moral implications relate to the perceptions we have about both the causes and solutions to American social problems. (GE SLO 3, PSLO 2,4)
- 5. Develop a coherent view of how social differences created by diverse social categories can influence our perceptions of people in the United States and around the world. (PSLO 3)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours**Lecture Hours**

54.0

Lab Hours

0.0

Activity Hours

0.0

SOCIO-098 Independent Study in Sociology

Units: 0.5-3.0

[Print Page](#)

[Back to department listing](#)

Description:

Provides students an opportunity to design and pursue their own interests within a particular area. Projects reflecting cultural diversity and/or societal issues will be greatly encouraged. A contract must be drawn between the student and the instructor stipulating the goals of the independent study, the content, the method of approach, the estimated time involved, and the periodic evaluation to be used. Minimum 1 hour per week with instructor plus 54 hours of contracted work for each unit of credit. May not be repeated.

Requisites:

None

Course Note:

Submission of acceptable educational contract to department and Instruction Office is required.

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- Meet outcomes as specified in the approved Application for Independent Study.
- Gain knowledge and skill through the successful completion of an independent study course.
- Demonstrate and/or apply independent academic learning skills.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

0.5

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

162.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

162.0

Activity Hours

0.0

Spanish

Program Information

Degree(s) and/or certificates and courses listed below.

Degrees and Certificates

[Spanish Associate of Arts Degree for Transfer \(AA-T\)](#)
[Spanish Certificate of Achievement \(COA\)](#)

Course Information

[SPAN046 - Spanish for the Professions](#)
[SPAN047 - Spanish for Healthcare Professionals](#)

[SPAN048 - Spanish for the Healthcare Professionals II](#)
[SPAN050 - Elementary Spanish I](#)
[SPAN051 - Elementary Spanish II](#)
[SPAN052 - Intermediate Spanish I](#)
[SPAN053 - Intermediate Spanish II](#)
[SPAN057 - Spanish for Spanish Speakers I](#)
[SPAN060 - Exploring Latino Cinema: A Critical Analysis](#)

[Back to department listing](#)

Spanish Associate of Arts Degree for Transfer (AA-T)

A.A. Degree for Transfer

[Print Page](#)

[Back to department listing](#)

Units:

60 units

The Associate of Arts in Spanish for Transfer Degree is designed for students desiring advanced degrees in Spanish. Los Medanos College Spanish courses meet the lower division transfer requirements for Spanish. The curriculum includes the first- and second-year requirements for transfer to a CSU. A baccalaureate degree is the recommended preparation for those considering professional careers in Spanish at a CSU. To earn the Associate Degree for Transfer: 1. Completion of 60 semester units or 90 quarter units of degree-applicable courses, 2. Minimum overall grade point average of 2.0, 3. Minimum grade of "C" (or "P") for each course in the major, and 4. Completion of IGETC and/or CSU GE-Breadth Certain ADTs are based on completion of IGETC for STEM or CSU GE-Breadth for STEM.

Toggle

Program Learning Outcomes

- 1. Be academically prepared to transfer to a Spanish program at a four-year university.
- 2. Demonstrate the ability to understand, speak, read and write using high-intermediate levels of Spanish skills necessary for careers in Spanish and related fields.

Toggle

Program Requirements

A.A. Degree for Transfer
Required Courses

Required Courses for major (Total 22 - 25)

Complete all of the following

Option 1: Required Courses for Major (Total 15)

Complete all of the following

[SPAN050 - Elementary Spanish I 5](#)

[SPAN051 - Elementary Spanish II 5](#)

[SPAN053 - Intermediate Spanish II 5](#)

Option 1: Required Courses in Major (Total 4 - 5)

Complete the following number of credits: 4-5

[SPAN052 - Intermediate Spanish I 5](#)

[SPAN057 - Spanish for Spanish Speakers I 4](#)

List A: Required Courses in Major (Option 1 or 2) (Total 3 - 5)

Complete the following number of credits: 3-5

[DRAMA030 - Chicano/a Mexican American Cinema: A Critical Analysis 3](#)

[ENGL120 - Introduction to Latino Literature and Its Latin American Roots 3](#)

[ENGL121 - Introduction to Chicano Literature 3](#)

[FRNCH060 - Elementary French I 5](#)

[FRNCH061 - Elementary French II 5](#)

[HIST052 - Mexican American History 3](#)

[ITAL060 - Elementary Italian I 5](#)

[SPAN060 - Exploring Latino Cinema: A Critical Analysis 3](#)

Option 2: Substitution Courses in Major (Total 0)

Complete the following number of credits: 0

[ANTHR006 - Cultural Anthropology 3](#)

[ANTHR008 - Introduction to Anthropological Linguistics 3](#)

[DRAMA030 - Chicano/a Mexican American Cinema: A Critical Analysis 3](#)

[HIST052 - Mexican American History 3](#)

[SOCIO015 - Introduction to Sociology 3](#)

[SPAN046 - Spanish for the Professions 3](#)

[SPAN047 - Spanish for Healthcare Professionals 3](#)

[SPAN060 - Exploring Latino Cinema: A Critical Analysis 3](#)

[SPCH150 - Intercultural Communication 3](#)

Spanish Certificate of Achievement (COA)

Certificate of Achievement

[Print Page](#)

[Back to department listing](#)

Units:

16.0 - 20.0 units

The Certificate of Achievement in Spanish is designed to prepare students for varied career opportunities, become fluent in Spanish, and boost their speaking, writing and reading skills. The certificate may be completed in four semesters by taking the four-level Spanish 50-53 sequence. Similarly, the Certificate of Achievement is designed to prepare students to transfer to the California

State University system because it is aligned with our Associate of Arts for Transfer Degree in Spanish and it would give students interested in Spanish who are unable to pursue the Associate Degree a certificate option. Possible career opportunities are varied and include, volunteer work or work as a tutor for students learning Spanish. Similarly, certificate earners may work with or for Spanish speaking individuals or groups within the community in educational and service related areas such as first responder emergency providers, fire, and hospital employees. In addition they may work in many service related fields and earn higher wages because they are bilingual in both oral and written skills and improve communication.

Toggle

Program Learning Outcomes

- 1. Be academically prepared to transfer to a Spanish program at a four-year university
- 2. Demonstrate the ability to understand, speak, read and write using high-intermediate levels of Spanish skills necessary for careers in Spanish and related fields.

Toggle

Program Requirements

Certificate of Achievement

Required Courses for Major (Total 16 - 20)

Complete all of the following

Required Courses for Major (Total 10)

Complete all of the following

[SPAN052 - Intermediate Spanish I](#) 5

[SPAN053 - Intermediate Spanish II](#) 5

SPAN-050 or Select One Course Below (Total 3 - 5)

Complete the following number of credits: 3-5

[SPAN050 - Elementary Spanish I](#) 5

[SPAN046 - Spanish for the Professions](#) 3

[SPAN047 - Spanish for Healthcare Professionals](#) 3

[SPAN057 - Spanish for Spanish Speakers I](#) 4

[SPAN060 - Exploring Latino Cinema: A Critical Analysis](#) 3

SPAN-051 or Select One Course Below (Total 3 - 5)

Complete the following number of credits: 3-5

[SPAN051 - Elementary Spanish II](#) 5

[SPAN046 - Spanish for the Professions](#) 3

[SPAN047 - Spanish for Healthcare Professionals](#) 3

[SPAN057 - Spanish for Spanish Speakers I](#) 4

[SPAN060 - Exploring Latino Cinema: A Critical Analysis](#) 3

SPAN-046 Spanish for the Professions

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

Designed to teach present and future professional public servants the necessary vocabulary and structures for effective communication in interviews, collecting data, giving instructions, visits, general courtesies, etc. Some attention to local dialect differences. The content used in learning the language is drawn from the rich Mexican, Chicano and Latino cultures and cultural and behavioral attitudes appropriate for relating to persons of Hispanic heritage will be suggested.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Understand and produce appropriate responses in familiar situations in the professional setting.
- 2. Demonstrate ability to communicate effectively in a professional situation.
- 3. Demonstrate knowledge and understanding of the Spanish speaking culture.
- 4. Demonstrate ability to interview, collect data, give instructions and sustain a logical dialogue with one another or a native speaker.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

SPAN-047 Spanish for Healthcare Professionals

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This beginning course in Spanish is designed for students whose professional careers and personal interest take them to the healthcare field. This course will enable students to convey conversations with Spanish-speaking patients and their families. The students will develop basic skills in the target language to carry on medical/nursing functions or tasks. This course is also helpful for students who have a basic knowledge of Spanish whose goal is to apply the target language to a healthcare setting

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Understand and produce appropriate responses in familiar situations in the healthcare setting.
- 2. Demonstrate ability to communicate effectively in a healthcare service situation and analyze a health situation of a patient.
- 3. Demonstrate knowledge and understanding of the Spanish speaking culture.
- 4. Demonstrate ability to interview, collect data, diagnose illnesses and sustain a logical dialogue with one another or a native speaker.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

SPAN-048 Spanish for the Healthcare Professionals II

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

Intermediate course in Spanish designed for students who wish to improve their Spanish reading, speaking, and writing skills, and whose professional careers and personal interest are in the healthcare field. This course is the continuation of Spanish 047 and the second semester of practical medical Spanish. This course will enable students to have conversations with Spanish-speaking patients and their families. Students will also develop intermediate level Spanish skills to carry on medical/nursing functions or tasks. This course is also helpful for students who have a basic knowledge of Spanish whose goal is to apply the target language in a healthcare setting. It is recommended that upon completion of this course, SPAN-053 be taken the following semester. By doing so, students will continue to learn more about Latin American culture and gaining skills in listening and comprehending conversations at the intermediate level II.

Requisites:**Advisory**

[SPAN047 - Spanish for Healthcare Professionals](#)

Advisory

[SPAN050 - Elementary Spanish I](#)

Advisory

SPAN051 - Elementary Spanish II

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Demonstrate proficiency in the five skills as mandated by the competency guidelines of the American Council on the Teaching of Foreign Languages (ACTFL): comprehension, speaking, reading, writing, and an understanding of the people and culture of the Spanish-speaking countries.
- 2. Demonstrate ability to communicate effectively in a healthcare service situation and analyze a health situation of a patient demonstrating appropriate basic grammar, syntax and vocabulary at the intermediate level.
- 3. Recognize and compose with the indicative tenses: present, preterit, imperfect, present perfect, future, and with the use of the subjunctive mood. Utilize correct grammatical structures of standard Spanish and demonstrate critical thinking through contrastive and inductive analysis and techniques to develop logical and coherent thought and expression in written and oral language.
- 4. Demonstrate ability to interview, collect data, diagnose illnesses and sustain a logical dialogue with one another or a native speaker at the intermediate transfer level.
- 5. Communicate in culturally appropriate ways, using the Spanish target language to create meaning and respond to heritage and non native speakers. Identify, assess and adapt to the nuances of the home culture and world cultures represented by the target language.

Grade Options:

- Pass/No Pass (P/NP)

- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

SPAN-050 Elementary Spanish I

Units: 5.0

[Print Page](#)

[Back to department listing](#)

Description:

A visual/oral/aural approach to understanding, speaking, reading, and writing Spanish as it is used in Mexico, Central/South America, the Caribbean, Africa, Spain, and the United States. The content used in learning the language is drawn from the rich Mexican, Chicano, African, Afro-Caribbean and Latinx cultures. It is highly recommended that upon completion of SPAN-050, the second course SPAN-051 be taken the following semester. This course is equivalent to two years of high school Spanish.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:**CSU - General Education - Breadth Requirements:**

- Area C2: Humanities

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 6: Languages other than English

LMC Local AA/AS - General Education Requirements:

- AH: Arts and Humanities

Student Learning Outcomes:

- 1. Communicate in elementary transfer level I Spanish in listening, speaking, reading and writing. Demonstrate appropriate basic grammar, syntax and vocabulary at the beginning level. Apply acquired language skills associated with familiar topics, cultural themes, and survival situations.
- 2. Communicate in culturally and ethically appropriate ways, using the Spanish language to create meaning and respond to heritage and non-native speakers. Identify and discriminate between the nuances of the home culture and world cultures represented by the target language.
- 3. Illustrate competency in elementary Spanish level I by using skills for personal and global communication needs in the target language community locally and throughout the world.
- 4. Develop personal connections and global understanding using Spanish through technology.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

5.0

Maximum Credit Units

5.0

Total Course In-Class (Contact) Hours

90.0

Course in class (contact) hours

Lecture Hours

90.0

Lab Hours

0.0

Activity Hours

0.0

SPAN-051 Elementary Spanish II

Units: 5.0

[Print Page](#)

[Back to department listing](#)

Description:

Continuation of the visual/oral/aural approach to understanding, speaking, reading, and writing Spanish. This is the second of a four semester sequence. Course material emphasizes the cultures of Mexico, Central/South America, the Caribbean, Spain, and the Chicano of the Southwestern United States. It is highly recommended that upon successful completion of SPAN-051, the third course SPAN-052 be taken the following semester.

Requisites:**Prerequisite**

[SPAN050 - Elementary Spanish I](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:**C-ID:**

- Spanish

Comparable course: SPAN 110

CSU - General Education - Breadth Requirements:

- Area C2: Humanities

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 3B: Humanities
- Area 6: Languages other than English

LMC Local AA/AS - General Education Requirements:

- C. Arts & Humanities

Student Learning Outcomes:

- 1. Communicate in elementary transfer level II Spanish in listening, speaking, reading and writing. Demonstrate appropriate basic grammar, syntax and vocabulary at the beginning II level. Apply acquired language skills associated with familiar topics, cultural themes, and survival situations.
- 2. Communicate in culturally and ethically appropriate ways, using the Spanish language to create meaning and respond to heritage and non-native speakers. Identify and discriminate between the nuances of the home culture and world cultures represented by the target language.

- 3. Illustrate competency in elementary Spanish level II by using skills for personal and global communication needs in the target language community locally and throughout the world.
- 4. Develop personal connections and global understanding using Spanish through technology.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

5.0

Maximum Credit Units

5.0

Total Course In-Class (Contact) Hours

90.0

Course in class (contact) hours

Lecture Hours

90.0

Lab Hours

0.0

Activity Hours

0.0

SPAN-052 Intermediate Spanish I

Units: 5.0

[Print Page](#)

[Back to department listing](#)

Description:

This course uses the communicative approach in the acquisition of Spanish. Students will gain skills in listening and understanding conversation at the intermediate level, writing, and reading. The third in a series of four semesters of college level Spanish emphasizes the literature and culture of Latin America and Spain. It is highly recommended that upon completion of SPAN-52, the fourth course SPAN-053 be taken the following semester.

Requisites:**Prerequisite**

[SPAN051 - Elementary Spanish II](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:**C-ID:**

- Spanish

Comparable course: SPAN 200

CSU - General Education - Breadth Requirements:

- Area C2: Humanities

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 3B: Humanities
- Area 6: Languages other than English

LMC Local AA/AS - General Education Requirements:

- C. Arts & Humanities

Student Learning Outcomes:

- 1. Communicate in intermediate transfer level I Spanish in listening, speaking, reading and writing in the target language. Demonstrate appropriate basic grammar, syntax and vocabulary at the intermediate level. Apply acquired language skills associated with familiar topics, cultural themes, and survival situations in their daily lives and when interacting with native Spanish speakers. (PSLO 1, 2, 3, 4, 5.)
- 2. Communicate in culturally appropriate ways, using the Spanish target language to create meaning and respond to heritage and non native speakers. Identify, assess and adapt to the nuances of the home culture and world cultures represented by the target language. (PSLO 1, 2, 3, 4, 5)
- 3. Illustrate competency in intermediate Spanish level I by using skills for personal and global communication needs in the target language community locally and throughout the world. (PSLO 1, 2, 3, 4, 5)
- 4. Use various technologies to enhance Spanish skills, access Spanish media and develop enhanced personal connections and global understanding. (PSLO 1, 2, 3, 4, 5)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

5.0

Maximum Credit Units

5.0

Total Course In-Class (Contact) Hours

90.0

Course in class (contact) hours

Lecture Hours

90.0

Lab Hours

0.0

Activity Hours

0.0

SPAN-053 Intermediate Spanish II

Units: 5.0

[Print Page](#)

[Back to department listing](#)

Description:

This course uses the communicative approach in the acquisition of Spanish. Students will gain skills in listening and understanding conversation at the intermediate level, writing, and reading. The fourth in a series of four semesters of college level Spanish emphasizes the literature and culture of Latin America and Spain.

Requisites:

Prerequisite

[SPAN052 - Intermediate Spanish I](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

C-ID:

- Spanish

Comparable course: SPAN 210

CSU - General Education - Breadth Requirements:

- Area C2: Humanities

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 3B: Humanities
- Area 6: Languages other than English

LMC Local AA/AS - General Education Requirements:

- C. Arts & Humanities

Student Learning Outcomes:

- 1. Communicate in intermediate transfer level II Spanish in listening, speaking, reading and writing in the target language. Demonstrate appropriate grammar, syntax and vocabulary at the intermediate level II. Apply acquired language skills associated with familiar topics, cultural themes, and survival situations in their daily lives. (PSLO 1, 2, 3, 4, 5.)
- 2. Communicate in culturally appropriate ways, using the Spanish target language to create meaning and respond to heritage and non native speakers. Identify, assess and adapt to the nuances of the home culture and world cultures represented by the target language. (PSLO 1, 2, 3, 4, 5)
- 3. Illustrate competency in intermediate Spanish level II by using skills for personal and global communication needs in the target language community locally and throughout the world. (PSLO 1, 2, 3, 4, 5)
- 4. Use various technologies to enhance Spanish skills, access Spanish media and develop enhanced personal connections and global understanding. (PSLO 1, 2, 3, 4, 5)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

5.0

Maximum Credit Units

5.0

Total Course In-Class (Contact) Hours

90.0

Course in class (contact) hours**Lecture Hours**

90.0

Lab Hours

0.0

Activity Hours

0.0

SPAN-057 Spanish for Spanish Speakers I

Units: 4.0

[Print Page](#)

[Back to department listing](#)

Description:

A communicative course designed for native speakers of Spanish who wish to improve their skills in reading and writing Spanish, but open to other linguistically qualified students. Writing will be the main focus of class, but grammar, spelling, speaking and a variety of Spanish reading selections will also be included; as well as exposure to local and international Mexican, Chicano, and Latino cultures as a meaning system common heritage of the U.S. This course is entirely conducted in Spanish.

Requisites:

Prerequisite

[SPAN053 - Intermediate Spanish II](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:**CSU - General Education - Breadth Requirements:**

- Area C2: Humanities

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 3B: Humanities
- Area 6: Languages other than English

LMC Local AA/AS - General Education Requirements:

- AH: Arts and Humanities

Student Learning Outcomes:

- 1. Communicate in Spanish by using appropriate grammar and syntax to analyze, critique and evaluate the readings and literature presented in class.
- 2. Communicate in culturally appropriate ways, at approximately the Advanced Mid to Advanced Low level Spanish language as defined by the American Council on the Teaching of Foreign Languages (ACTFL) to create and respond in both oral and written form.
- 3. Manipulate the grammar, syntax and vocabulary of the language at the Advanced Mid to Advanced Low level Spanish in meaningful, culturally appropriate ways.
- 4. Describe, illustrate and evaluate aspects of the culture of Spanish speaking countries covered in the course

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

4.0

Maximum Credit Units

4.0

Total Course In-Class (Contact) Hours

72.0

Course in class (contact) hours

Lecture Hours

72.0

Lab Hours

0.0

Activity Hours

0.0

SPAN-060 Exploring Latino Cinema: A Critical Analysis

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course uses Intermediate Spanish to explore classic and contemporary Latin American film that examines a wide variety of themes, genres and cultural experiences. Students analyze Spanish films (both with and without subtitles) that explore how culture has changed in Spanish speaking countries and in the United States and how memory and oblivion, marginalization of individuals and groups, immigration and globalization have influenced that change. Students screen film works from the United States, Mexico, the Caribbean, Central and South America and Spain and provide both oral and written analysis in Spanish of the films.

Requisites:

Prerequisite

[SPAN052 - Intermediate Spanish I](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

CSU - General Education - Breadth Requirements:

- Area C1: Arts

LMC Local AA/AS - General Education Requirements:

- AH: Arts and Humanities

Student Learning Outcomes:

- 1. Communicate in culturally appropriate ways by using Intermediate level Spanish to discuss and analyze Spanish film in oral and written form. (PSLO 1,2, 3,4)
- 2. Analyze Spanish film to examine and explore how culture has changed in Spanish speaking countries and in the United States and how globalization has influenced that change. (PSLO 1,2,3,4)
- 3. Describe and illustrate various aspects of the culture of Spanish speaking countries (PSLO 1,2,3,4)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

Travel Marketing

Program Information

Degree(s) and/or certificates and courses listed below.

Degrees and Certificates

Cruise Specialist College Skills Certificate
Home-Based Travel Specialist College Skills Certificate
Travel Marketing Associate of Science (AS)
Travel Marketing Certificate of Achievement (COA)
Travel Marketing College Skills Certificate

Course Information

TRAVL072 - Introduction to Travel
TRAVL074 - North American Destination Specialist
TRAVL075 - Northern and Central Europe Destination Specialist
TRAVL076 - Travel Sales and Marketing
TRAVL077 - Customized Vacation Planning
TRAVL082 - All About Cruising
TRAVL083 - Hawaii Destination Specialist
TRAVL084 - Caribbean Destination Specialist
TRAVL088 - Southern Europe Destination Specialist
TRAVL095 - Advanced Travel Concepts
TRAVL096 - Alaska Destination Specialist
TRAVL098 - Independent Study in Travel Merchandising
TRAVL114 - Group Travel Management
TRAVL130 - Home Based Travel: Launching Your Business
TRAVL131 - Home Based Travel: Success Factors
TRAVL132 - Travel Entrepreneurship

[Back to department listing](#)

Travel Marketing Associate of Science (AS)

A.S. Degree Local

[Print Page](#)

[Back to department listing](#)

Units:

60.0 units

This 21-unit certificate provides a well-rounded education and includes a selection of courses designed to prepare students for placement in a position as a travel professional in the travel industry. Opportunities include employment as a full-service travel consultant in a travel agency or a travel specialist in the selected area of specialization. This certificate can be completed in two semesters. In addition to the 21 units of courses in the Travel Marketing Certificate of Achievement, complete the Los Medanos College General Education requirements for an Associate of Science Degree in Travel Marketing. This degree can lead to placement in positions of greater responsibility in the travel industry. Consult a Los Medanos College counselor to develop your personal education plan.

Toggle

Program Learning Outcomes

- 1. Apply critical thinking to research, evaluate, analyze, and synthesize travel-related information.
- 2. Demonstrate excellent communication skills as well as soft skills in a sales and business environment.
- 3. Demonstrate knowledge of current technologies and apply technological skills necessary to succeed in the travel industry.

Toggle

Program Requirements

A.S. Degree Local

Required Courses for Major (Total 21)

Complete all of the following

TRAVL072 - Introduction to Travel 3

TRAVL076 - Travel Sales and Marketing 3

TRAVL077 - Customized Vacation Planning 2

TRAVL095 - Advanced Travel Concepts 3

Required Courses for Major Destination Specialist (Total 3)

Complete the following number of credits: 3

TRAVL074 - North American Destination Specialist 3

TRAVL075 - Northern and Central Europe Destination Specialist 3

TRAVL083 - Hawaii Destination Specialist 1.5

TRAVL084 - Caribbean Destination Specialist 1.5

TRAVL096 - Alaska Destination Specialist 1.5

Required Courses for Major Elective Units (Total 7)

Complete the following number of credits: 7

TRAVL074 - North American Destination Specialist 3

TRAVL075 - Northern and Central Europe Destination Specialist 3

TRAVL082 - All About Cruising 3

TRAVL083 - Hawaii Destination Specialist 1.5
TRAVL084 - Caribbean Destination Specialist 1.5
TRAVL096 - Alaska Destination Specialist 1.5
TRAVL114 - Group Travel Management 1.5
TRAVL130 - Home Based Travel: Launching Your Business 1
TRAVL131 - Home Based Travel: Success Factors 2

Travel Marketing Certificate of Achievement (COA)

Certificate of Achievement

[Print Page](#)

[Back to department listing](#)

Units:

21.0 units

This 21-unit certificate provides a well-rounded education and includes a selection of courses designed to prepare students for placement in a position as a travel professional in the travel industry. Opportunities include employment as a full-service travel consultant in a travel agency or a travel specialist in the selected area of specialization. This certificate can be completed in two semesters. In addition to the 21 units of courses in the Travel Marketing Certificate of Achievement, complete the Los Medanos College General Education requirements for an Associate of Science Degree in Travel Marketing. This degree can lead to placement in positions of greater responsibility in the travel industry. Consult a Los Medanos College counselor to develop your personal education plan.

Toggle

Program Learning Outcomes

- 1. Apply critical thinking to research, evaluate, analyze, and synthesize travel-related information.
- 2. Demonstrate excellent communication skills as well as soft skills in a sales and business environment.
- 3. . Demonstrate knowledge of current technologies and apply technological skills necessary to succeed in the travel industry.

Toggle

Program Requirements

Certificate of Achievement

Required Courses for Major (Total 21)

Complete all of the following

[TRAVL072 - Introduction to Travel](#) 3

[TRAVL076 - Travel Sales and Marketing](#) 3

[TRAVL077 - Customized Vacation Planning](#) 2

[TRAVL095 - Advanced Travel Concepts](#) 3

Required Courses for Major Destination Specialist (Total 3)

Complete the following number of credits: 3

[TRAVL074 - North American Destination Specialist](#) 3

[TRAVL075 - Northern and Central Europe Destination Specialist](#) 3

[TRAVL083 - Hawaii Destination Specialist](#) 1.5

[TRAVL084 - Caribbean Destination Specialist](#) 1.5

[TRAVL096 - Alaska Destination Specialist](#) 1.5

Required Courses for Major Elective Units (Total 7)

Complete the following number of credits: 7

[TRAVL074 - North American Destination Specialist](#) 3

[TRAVL075 - Northern and Central Europe Destination Specialist](#) 3

[TRAVL082 - All About Cruising](#) 3

[TRAVL083 - Hawaii Destination Specialist](#) 1.5

[TRAVL084 - Caribbean Destination Specialist](#) 1.5

[TRAVL096 - Alaska Destination Specialist](#) 1.5

[TRAVL114 - Group Travel Management](#) 1.5

[TRAVL130 - Home Based Travel: Launching Your Business](#) 1

[TRAVL131 - Home Based Travel: Success Factors](#) 2

Travel Marketing College Skills Certificate

College Skills Certificate

[Print Page](#)

[Back to department listing](#)

Units:

12.0 units

This 12-unit certificate provides a good foundation for placement in an entry-level position in the travel industry, such as a travel assistant in a travel agency. Required courses are not offered every semester, so careful planning will minimize the amount of time to complete this certificate.

Toggle

Program Learning Outcomes

- 1. Apply basic skills to research and evaluate travel-related information.

- 2. Demonstrate fundamental sales and marketing skills, as related to the travel industry.
- 3. Demonstrate basic knowledge of current technologies used in the travel industry.

Toggle

Program Requirements

College Skills Certificate

Required Courses for Major (Total 12)

Complete all of the following

[TRAVL072 - Introduction to Travel](#) 3

[TRAVL076 - Travel Sales and Marketing](#) 3

[TRAVL095 - Advanced Travel Concepts](#) 3

Required Elective Course for Major (Total 3)

Complete the following number of credits: 3

[TRAVL074 - North American Destination Specialist](#) 3

[TRAVL075 - Northern and Central Europe Destination Specialist](#) 3

[TRAVL077 - Customized Vacation Planning](#) 2

[TRAVL082 - All About Cruising](#) 3

[TRAVL083 - Hawaii Destination Specialist](#) 1.5

[TRAVL084 - Caribbean Destination Specialist](#) 1.5

[TRAVL096 - Alaska Destination Specialist](#) 1.5

[TRAVL114 - Group Travel Management](#) 1.5

[TRAVL130 - Home Based Travel: Launching Your Business](#) 1

[TRAVL131 - Home Based Travel: Success Factors](#) 2

Home-Based Travel Specialist College Skills Certificate

College Skills Certificate

[Print Page](#)

[Back to department listing](#)

Units:

17.0 units

This 17-unit certificate is the first of its kind in the country. As the number of home-based travel professionals grows, the demand for education also grows. Required courses for this certificate will address critical issues and considerations for students who are planning to establish a home-based travel business. Required courses are not offered every semester, so careful planning will minimize the amount of time to complete this certificate.

Toggle

Program Learning Outcomes

- 1. Apply critical thinking to research, evaluate, analyze, and synthesize travel-related information.
- 2. Demonstrate excellent communication skills as well as soft skills in a sales and business environment.
- 3. Demonstrate knowledge of current technologies and apply technological skills necessary to succeed in the travel industry.
- 4. Explain the steps, skills and requirements to legally and successfully run a home –based travel business.

Toggle

Program Requirements

College Skills Certificate

Required Courses for Major (Total 17)

Complete all of the following

[TRAVL072 - Introduction to Travel](#) 3

[TRAVL076 - Travel Sales and Marketing](#) 3

[TRAVL130 - Home Based Travel: Launching Your Business](#) 1

[TRAVL131 - Home Based Travel: Success Factors](#) 2

Required Courses for Major (Total 3)

Complete the following number of credits: 3

[TRAVL074 - North American Destination Specialist](#) 3

[TRAVL075 - Northern and Central Europe Destination Specialist](#) 3

[TRAVL083 - Hawaii Destination Specialist](#) 1.5

[TRAVL084 - Caribbean Destination Specialist](#) 1.5

[TRAVL096 - Alaska Destination Specialist](#) 1.5

Required Courses for Major: Elective Units (Total 5)

Complete the following number of credits: 5

[TRAVL074 - North American Destination Specialist](#) 3

[TRAVL075 - Northern and Central Europe Destination Specialist](#) 3

[TRAVL077 - Customized Vacation Planning](#) 2

[TRAVL082 - All About Cruising](#) 3

[TRAVL083 - Hawaii Destination Specialist](#) 1.5

[TRAVL084 - Caribbean Destination Specialist](#) 1.5

[TRAVL095 - Advanced Travel Concepts](#) 3

[TRAVL096 - Alaska Destination Specialist](#) 1.5

[TRAVL114 - Group Travel Management](#) 1.5

Cruise Specialist College Skills Certificate

College Skills Certificate

[Print Page](#)

[Back to department listing](#)

Units:

8.0 units

This 8-unit certificate prepares the student to specialize in selling cruises. Employment possibilities include working for a full-service or a cruise-only travel agency, or operating a home-based travel business specializing in cruising. Required courses are not offered every semester, so careful planning will minimize the amount of time to complete this certificate.

Toggle

Program Learning Outcomes

- 1. Utilize appropriate resources to describe and evaluate cruises, individual ships, and their itineraries.
- 2. Demonstrate fundamental sales and marketing skills, as related to the travel industry in general, and cruising in particular
- 3. Recommend appropriate cruise lines, cruise ships, and itineraries, based on client needs and preferences.

Toggle

Program Requirements

College Skills Certificate

Required Courses for Major (Total 8)

Complete all of the following

[TRAVL076 - Travel Sales and Marketing](#) 3

[TRAVL077 - Customized Vacation Planning](#) 2

[TRAVL082 - All About Cruising](#) 3

TRAVL-132 Travel Entrepreneurship

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

Starting a travel business can be a fun and fulfilling career. This course explores the components of establishing a new business. It will offer an insight into what it takes to run a successful home-based travel business, and it will provide information about the various types of home-based travel setups. This course will provide you with the tools needed to start your own business. It will help students define business expectations, determine objectives, and begin to create a formal business plan. Students will determine which marketing approach would work best for their travel business. Students will learn about the various resources available to the travel professional and will develop a preferred supplier list for a home-based business.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Explain the components of a business plan.
- CSLO 2: Develop a preferred list of suppliers applying the concepts developed in class.
- CSLO 3: Apply the concepts learned in class to analyze host agencies to be able to demonstrate the relationships between host agencies and a home-based travel counselor.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

TRAVL-077 Customized Vacation Planning

Units: 2.0

[Print Page](#)

[Back to department listing](#)

Description:

This course will introduce students to the process of creating and customizing tours for individual travelers or for groups. Particular emphasis will be placed on how to plan and design an itinerary, select the vendor/s, finalize the tour arrangements, and market the tour. Learning to research travel industry print and electronic references is an indispensable component of creating customized vacations.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1.Explain and demonstrate the importance of pace, routing, interest, detail and energy as these concepts relate to successfully planning itineraries and convey the information effectively and accurately using basic grammar conventions. (PSLOs 1,2,)
- 2. Recognize key touring regions in North and South America, Europe, Africa and the Pacific and describe countries in terms of geography, activities, accommodations, and appeal for different types of travelers. (PSLOs ,1,2)
- 3.Use online tools including search engines to gather research and data to conduct destination research, create customized travel itineraries based on client needs. (PSLO 3)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

2.0

Maximum Credit Units

2.0

Total Course In-Class (Contact) Hours

36.0

Course in class (contact) hours

Lecture Hours

36.0

Lab Hours

0.0

Activity Hours

0.0

TRAVL-075 Northern and Central Europe Destination Specialist

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course includes a discussion of geography, sightseeing options, tourist activities, resort areas and accommodations for each major region of Northern and Central Europe. Application of knowledge to traveler scenarios will be emphasized. Resources for more in-depth information will also be explored.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Describe countries in terms of geography, activities, accommodations, and appeal for different types of travelers. (PSLO 1, 2 and 3)
- 2. Determine needs and expectations for prospective clients to Northern and Central Europe and then match them to appropriate countries, activities, and accommodations to fit their needs. (PSLO 1 and 2)
- 3. Utilize reputable resources, especially the Internet, to research questions about Northern and Central Europe and construct itineraries appropriate for individual travelers. (PSLO 1)

Grade Options:

None

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

TRAVL-096 Alaska Destination Specialist

Units: 1.5

[Print Page](#)

[Back to department listing](#)

Description:

This course includes a discussion of geography, tourist attractions, activities, and accommodations for each of the major areas of Alaska. Particular emphasis is placed on each area's unique appeal. The course presents what's special about Alaska, sales strategies for tour products and niche markets, suggested itineraries, secrets of each region and local information. Resources for more in-depth research are also covered.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Describe Alaska's regions in terms of geography, activities, popular tourist areas, and accommodations that appeal to different types of travelers. (PSLO 1, 2 and 3)
- CSLO 2: Determine needs and expectations for prospective Alaska clients and then match them to appropriate activities, suitable areas, and accommodations to fit their needs. (PSLO 1 and 2)
- CSLO 3: Utilize reputable resources, especially the Internet, to research questions about Alaska and construct itineraries appropriate for individual travelers. (PSLO 1 and 3)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

1.5

Maximum Credit Units

1.5

Total Course In-Class (Contact) Hours

27.0

Course in class (contact) hours

Lecture Hours

27.0

Lab Hours

0.0

Activity Hours

0.0

TRAVL-076 Travel Sales and Marketing

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course will help the travel and tourism student prepare for a successful career selling travel. It will introduce the student to effective techniques and skills for service-oriented sales to succeed in the competitive environment of the travel industry. In an increasingly competitive marketplace, travel professionals will need an understanding of the broader sales environment. This course will incorporate coverage of basic marketing principles and discuss customer service as an integral part of the selling process.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1. Understand and discuss the principles of personal selling and relationship building. (PSLO1,2,3)
- CSLO 2. Identify how to successfully implement the 8-step sales cycle process. (PSLO 1,2,3)
- CSLO3. Analyze the challenges and opportunities facing the travel industry which might influence the formulation of effective marketing strategies. (PSLO 1,2,3)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

TRAVL-083 Hawaii Destination Specialist

Units: 1.5

[Print Page](#)

[Back to department listing](#)

Description:

This course includes a discussion of geography, tourist attractions and activities, resort areas and accommodations for each of the major islands of Hawaii. Particular emphasis on each island's unique appeal. Resources for more in-depth research are also covered.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Describe individual islands in terms of geography, activities, resort areas/ accommodations, and appeal for different types of travelers. (PSLO 1, 2 and 3)
- CSLO 2: Determine needs and expectations for prospective Hawaii clients and then match them to appropriate island activities, a suitable resort area, and accommodations to fit their needs. (PSLO 1 and 2)
- CSLO 3: Utilize reputable resources, especially the Internet, to research questions about Hawaii and construct itineraries appropriate for individual travelers. (PSLO 1 and 3)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

1.5

Maximum Credit Units

1.5

Total Course In-Class (Contact) Hours

27.0

Course in class (contact) hours

Lecture Hours

27.0

Lab Hours

0.0

Activity Hours

0.0

TRAVL-082 All About Cruising

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

The course will introduce students to the cruise industry, cruise lines and their ships, the different 'personalities' of the cruise ships; cruise destinations and itineraries around the world. It will also include cruise terminology and cruise selling skills. This is the core course in the Cruise Specialist Certificate.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Explain the importance of ship personalities as these concepts relate to selecting cruises successfully (PSLOs 1,2)
- 2. Evaluate client questions and requests and select cruise itineraries based on client needs. (PSLOs 1,2,)
- 3. Utilize appropriate resources, especially the internet, to investigate options to select, price and sell cruises appropriate for individual travelers. (PSLOs 1,2,3)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

TRAVL-074 North American Destination Specialist

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

A course on travel geography and tourism within North America, including familiarization with places of tourist interest, itinerary planning, tour companies, and sources of reference. Includes a study of each of the 50 states and all Canadian provinces.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Describe North American tourist destinations (major cities, states, provinces, national parks, etc) in terms of geography, activities, accommodations, and traveler appeal. (PSLO 1-3)
- 2. Construct travel itineraries for North American destinations, based on evaluation of client needs and expectations. (PSLO 1-3)
- 3. Utilize reputable resources, especially the Internet, to research questions about North American destinations and then present appropriate recommendations for travelers (based on their needs). (PSLOs 1-3)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

TRAVL-088 Southern Europe Destination Specialist

Units: 1.5

[Print Page](#)

[Back to department listing](#)

Description:

This course includes a discussion of geography, sightseeing options, tourist activities, resort areas and accommodations for each country of Southern Europe. Experience the uniqueness of the countries of Spain, Portugal, Italy, Greece and a few others as we explore the major cities. Learn to identify and qualify the right clients and suggest the right attractions that match their lifestyle, interests and experience. Application of knowledge to traveler scenarios will be emphasized. Resources for more in-depth information will be explored.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

1.5

Maximum Credit Units

1.5

Total Course In-Class (Contact) Hours

27.0

Course in class (contact) hours

Lecture Hours

27.0

Lab Hours

0.0

Activity Hours

0.0

TRAVL-072 Introduction to Travel

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

An introductory course designed to give students an overview of the travel industry and its various components. This course familiarizes students with terminology and basic concepts of each component of the travel industry, which includes the airline industry, the ground transportation industry, the hotel industry, the cruise industry and the tour industry. It will also provide the basic online skills needed to research basic travel questions.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Correctly apply basic travel-related terms, concepts, and acronyms associated with the following components of the travel industry: international travel, air travel, ground transportation, hotels and other accommodations, cruises and tours. (PSLO 1,2)
- 2. Utilize technological skills and resources to research answers to basic travel questions. (PSLO 3)
- 3. Recommend appropriate solutions to real-world travel scenarios, using basic knowledge and skills. (PSLO 1,2,3)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

TRAVL-084 Caribbean Destination Specialist

Units: 1.5

[Print Page](#)

[Back to department listing](#)

Description:

This course provides an overview of the geography, major tourist sights and activities, resort areas and accommodations for all of the major islands/destinations throughout the Caribbean region. Particular emphasis will be placed on the diversity within the region and on each island's unique appeal for a visitor. Resources for more in-depth research, including the Internet, will also be covered.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Describe individual islands/ destinations of the Caribbean in terms of geography, ambience, activities, resort areas/ accommodations, and appeal for different types of travelers. (PSLOs 1, 2 and 3)
- 2. Determine needs and expectations for prospective Caribbean clients and then match them to appropriate destinations, activities and accommodations. (PSLOs 1, 2 and 3)
- 3. Utilize reputable resources, especially the Internet, to research questions about the Caribbean and construct itineraries appropriate for individual travelers. (PSLO 3)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

1.5

Maximum Credit Units

1.5

Total Course In-Class (Contact) Hours

27.0

Course in class (contact) hours

Lecture Hours

27.0

Lab Hours

0.0

Activity Hours

0.0

TRAVL-130 Home Based Travel: Launching Your Business

Units: 1.0

[Print Page](#)

[Back to department listing](#)

Description:

This course explores all the components of establishing a new business. The course will offer an insight into what it takes to run a successful home-based travel business. It will provide information about the various types of home-based business set-ups and types of travel agencies that will host a home-based travel business.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Compare and contrast a home-based travel business as an alternative to a store front business (PSLO 1,2)
- 2. Analyze host agencies in order to demonstrate an understanding of the relationships between host agencies and a home -based travel counselor. (PSLO 1,2)
- 3. Evaluate personal readiness and investigate the options of what type of travel business would be suited for the student (PSLO 1,2 and 3)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

1.0

Maximum Credit Units

1.0

Total Course In-Class (Contact) Hours

18.0

Course in class (contact) hours

Lecture Hours

18.0

Lab Hours

0.0

Activity Hours

0.0

TRAVL-114 Group Travel Management

Units: 1.5

[Print Page](#)

[Back to department listing](#)

Description:

This course will introduce students to group travel and explore ways in which groups can enhance and grow a travel business. In this course, students will explore the benefits of booking group travel and identify various types of groups and where to find them. This course will emphasize options for marketing and promoting group trips, incorporating current technologies and other strategies for building enthusiasm and interest. The course will include a discussion of the basic mechanics for booking group cruises and tours, as well as hotel stays and air travel. Emphasis will be placed on practical application of knowledge and skills.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Discuss the basics of group travel, including: what is a group, where to find groups, and the benefits of booking groups. (PSLO 1)
- 2. Describe several options and approaches for marketing and promoting group trips. (PSLOs 1-3)
- 3. Explain the basic mechanics for booking and managing cruise groups, tour groups, hotels, and air. (PSLO 1-3)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

1.5

Maximum Credit Units

1.5

Total Course In-Class (Contact) Hours

27.0

Course in class (contact) hours

Lecture Hours

27.0

Lab Hours

0.0

Activity Hours

0.0

TRAVL-095 Advanced Travel Concepts

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is intended for students who already have a solid foundation regarding travel terms and concepts. Emphasis is placed on practical application of knowledge and skills. Topics include: exploring and evaluating web-based tools for researching and booking travel, evaluating and recommending tour companies and other travel suppliers based on client needs, interpreting terms and conditions, marketing and promoting a travel business, and networking with other travel professionals. Completion of an individual course project is required.

Requisites:

Advisory

[TRAVL072 - Introduction to Travel](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Evaluate web-based resources to research complex travel questions and/or itineraries and professionally communicate the results. (PSLO 1,2,3)

- 2. Market a travel business and/or travel specialty to a target audience, highlighting the qualities that make the business uniquely able to provide for their travel needs. (PSLO 1,2,3)
- 3. Analyze and critically evaluate tour companies and other travel suppliers, and describe the benefits of using preferred suppliers. (PSLO 1,2,3)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

TRAVL-131 Home Based Travel: Success Factors

Units: 2.0

[Print Page](#)

[Back to department listing](#)

Description:

Many people have difficulty running a successful travel business, because they lack a proper plan. This class will help define business expectations, determine objectives, and begin to create a formal business plan. Students will determine which marketing approach would work best for their travel business. Students will learn about the various resources available to the travel professional and will develop a preferred supplier list for a home -based business. Students will also learn about the legal responsibilities of the travel professional.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Develop a preferred list of suppliers applying the concepts developed in class (PSLO1)
- 2. Describe the legal issues that must be addressed as a home-based travel business (PSLO 1 AND 3)
- 3. Describe and explain the components of a business plan and write a mission statement. (PSLO 1,2, AND 3,

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

2.0

Maximum Credit Units

2.0

Total Course In-Class (Contact) Hours

36.0

Course in class (contact) hours**Lecture Hours**

36.0

Lab Hours

0.0

Activity Hours

0.0

TRAVL-098 Independent Study in Travel Merchandising

Units: 0.5-3.0

[Print Page](#)

[Back to department listing](#)

Description:

Provides students an opportunity to design and pursue their own interests within a particular area. Projects reflecting cultural diversity and/or societal issues will be greatly encouraged. A contract must be drawn between the student and the instructor stipulating the goals of the independent study, the content, the method of approach, the estimated time involved, and the periodic evaluation to be used.

Requisites:

None

Course Note:

Submission of acceptable educational contract to department and Instruction Office is required

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- Meet outcomes as specified in the approved Application for Independent Study.
- Gain knowledge and skill through the successful completion of an independent study course.
- Demonstrate and/or apply independent academic learning skills.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

0.5

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

162.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

162.0

Activity Hours

0.0

UAS/Drone Operations Noncredit

Program Information

Certificates and courses listed below.

Degrees and Certificates

[Basic Drone Piloting Certificate of Completion](#)

Course Information

[DRONE010N - Remote Pilot Certification Preparation](#)

[DRONE012N - Basic Drone Piloting](#)

[DRONE014N - Applied Drone Piloting](#)

[Back to department listing](#)

Basic Drone Piloting Certificate of Completion

Certificate of Completion (Non-Credit)

[Print Page](#)

[Back to department listing](#)

Units:

0.0 units

The Basic Drone Piloting certificate prepares students to take the Federal Aviation Administration's initial aeronautical knowledge test for a remote pilot certificate through lecture, discussion and individual flying of drones. The program will help guide students on basic aeronautics and operations as they pertain to drone piloting and their preferred career. Student's also learn the principles, guidelines and regulations regarding effective piloting of unmanned aerial vehicles. Safety, ethics and the laws associated with drone flight will also be stressed. Certificate of Completion Pursuant to Title 5, § 55151, students completing noncredit courses in a prescribed pathway, chaptered by the Chancellor's Office, leading to improved employability or job opportunities, a Certificate of Completion may be awarded. A noncredit Certificate of Completion means a document confirming that a student has completed a noncredit educational program of noncredit courses that prepares students to progress in a career path or to take degree applicable credit courses (CCR, Title 5 §55151(h)).

Toggle

Program Learning Outcomes

- 1. Identify the federal and local regulations for piloting a drone.

- 2. Prepare students to take the FAA's initial aeronautical knowledge test for a remote pilot certificate.
- 3. Properly employ and execute various operations of a drone.
- 4. Create a basic working autonomous system.

Toggle

Program Requirements

Certificate of Completion (Non-Credit)

Required Courses for Major (Total 0)

Complete all of the following

[DRONE010N - Remote Pilot Cert Preparation 0](#)

[DRONE012N - Basic Drone Piloting 0](#)

DRONE-010N Remote Pilot Certification Preparation

Units: 0.0

[Print Page](#)

[Back to department listing](#)

Description:

This course reviews and prepares students to take the Federal Aviation Administration's initial aeronautical knowledge test, and help complete FAA Form 8710-13 for a remote pilot certificate, through lecture, discussion and individual flying of drones. It will help guide students on basic aeronautics and operations as they pertain to drone piloting.

Requisites:

Advisory

At least 16 years old, able to read, write, speak, and understand English, be in a physical and mental condition to safely fly a UAS.

Course Note:

None

Enrollment Limitation:

None

Transferable:

Not transferable

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Explain applicable FAA regulations relating to sUAS rating privileges, limitations, and flight operation. (PSLO 1, 2)
- 2. Demonstrate understanding and knowledge of properly piloting UAS/Drones. (PLSO 3, 4)
- 3. Predict and demonstrate an understanding of aviation weather sources and effects of weather on sUAS performance. (PSLO 3)

Grade Options:

- Pass/No Pass (P/NP)
- Satisfactory Progress (SP)

Toggle

Units and Hours**Minimum Credit Units**

0.0

Maximum Credit Units

0.0

Total Course In-Class (Contact) Hours

18.0

Course in class (contact) hours

Lecture Hours

18.0

Lab Hours

0.0

Activity Hours

0.0

DRONE-012N Basic Drone Piloting

Units: 0.0

[Print Page](#)

[Back to department listing](#)

Description:

Students will learn the principles, guidelines and regulations regarding effective piloting of unmanned aerial vehicles. Safety and ethics associated with drone flight as well as the law will also be stressed.

Requisites:

Advisory

At least 16 years old, able to read, write, speak, and understand English, be in a physical and mental condition to safely fly a UAS.

Course Note:

None

Enrollment Limitation:

None

Transferable:

Not transferable

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Demonstrate comprehension of the terminology related to unmanned aircraft. (PSLO 1)
- 2. Identify the safety and ethical issues related to drone usage. (PSLO 3)
- 3. Demonstrate proper Visual Line-of-Site flight control of an unmanned aircraft system while executing various operations. (PLSO 3, 4)

Grade Options:

- Pass/No Pass (P/NP)
- Satisfactory Progress (SP)

Toggle

Units and Hours

Minimum Credit Units

0.0

Maximum Credit Units

0.0

Total Course In-Class (Contact) Hours

72.0

Course in class (contact) hours

Lecture Hours

18.0

Lab Hours

54.0

Activity Hours

0.0

DRONE-014N Applied Drone Piloting

Units: 0.0

[Print Page](#)

[Back to department listing](#)

Description:

Students will learn the basics of piloting an unmanned aerial system, or drone, and how it can be applied in their preferred career (Administration of Justice, Construction, Cinematography, Environmental Science, Geography, Journalism, Photography, Physical Education, Real Estate, Welding, and many others). Students will gain industry-specific experience with UAS.

Requisites:

Advisory

At least 16 years old, able to read, write, speak, and understand English, be in a physical and mental condition to safely fly a UAS.

Course Note:

None

Enrollment Limitation:

None

Transferable:

Not transferable

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Demonstrate comprehension of the terminology related to unmanned aircraft. (PSLO 1)
- 2. Identify the safety and ethical issues related to drone usage. (PSLO 3)
- 3. Demonstrate the ability to fly drones on assigned missions of varying complexity and industry sector-related purpose. (PLSO 3, 4)

Grade Options:

- Pass/No Pass (P/NP)
- Satisfactory Progress (SP)

Toggle

Units and Hours

Minimum Credit Units

0.0

Maximum Credit Units

0.0

Total Course In-Class (Contact) Hours

90.0

Course in class (contact) hours

Lecture Hours

36.0

Lab Hours

54.0

Activity Hours

0.0

Drama

Program Information

The Drama program is designed to develop strong academic and artistic foundations in voice, movement, and acting techniques as well as theatrical and film analysis and history. The curriculum is designed after our local transfer institution, CSU Eastbay. Upon completion of the degree students will be prepared to enter the four-year academic institution with the knowledge and professionalism to succeed in the specialized degree for Acting, which it offers.

Degrees and Certificates

[Acting Associate of Arts Degree \(AA\)](#)

[Theatre Arts Associate of Arts Degree for Transfer \(AA-T\)](#)

Course Information

DRAMA015 - Multicultural Perspectives Within Theatre
DRAMA016 - Theatre Appreciation
DRAMA020 - Principles of Acting I
DRAMA021 - Principles of Acting 2
DRAMA022 - Principles of Voice for Acting
DRAMA023 - Principles of Improvisation and Movement
DRAMA030 - Chicano/a Mexican American Cinema: A Critical Analysis
DRAMA040 - Theatrical Stagecraft
DRAMA041 - Theatrical Design
DRAMA050 - Theatrical Production I: Beginning Acting for Performance
DRAMA051 - Theatrical Production II: Intermediate Acting for Performance
DRAMA060 - Directing for the Stage
DRAMA061 - Directing and Collaborative Project
DRAMA062 - Directing Workshop
DRAMA070 - Film as an International Art Form
DRAMA098 - Independent Study in Dramatic Arts

[Back to department listing](#)

Theatre Arts Associate of Arts Degree for Transfer (AA-T)

A.A. Degree for Transfer

[Print Page](#)

[Back to department listing](#)

Units:

60 units

Associate in Arts in Theatre Arts for Transfer at Los Medanos College is a 60-unit degree program designed to prepare students to transfer and study theatre at a California State University. The program, which requires 18 units of lower-division work in Theatre, is combined with the California State General Education Pattern to prepare students to take upper-division courses at a California State University. Typically, students who complete this program will be able to complete their upper-division coursework at their chosen CSU in two additional years. To earn the Associate Degree for Transfer: 1. Completion of 60 semester units or 90 quarter units of degree-applicable courses, 2. Minimum overall grade point average of 2.0, 3. Minimum grade of "C" (or "P") for each course in the major, and 4. Completion of IGETC and/or CSU GE-Breadth Certain ADTs are based on completion of IGETC for STEM or CSU GE-Breadth for STEM.

Toggle

Program Learning Outcomes

- 1. To analyze, dissect, and critically evaluate a script or theatrical event or film with working knowledge of its historical, cultural, and societal origins and contexts.

- 2. To use strongly developed physical, vocal, and emotional foundations to build a personalized acting process for approaching a text or character in order to effectively communicate on stage or in film.
- 3. To describe the process and be able to write, produce, direct, manage, promote, and star in a theatrical event or film.
- 4. To be academically and fundamentally prepared to enter the entertainment industry or transfer to a four-year acting or film program with an advanced standing.

Toggle

Program Requirements

A.A. Degree for Transfer
Required Courses

Required Courses in Major (Total 18)

Complete all of the following

Required Courses in Major (Total 9)

Complete all of the following

[DRAMA016 - Theatre Appreciation](#) 3

[DRAMA020 - Principles of Acting I](#) 3

[DRAMA050 - Theatrical Production I: Beginning Acting for Performance](#) 3

List A: Required Courses for Major (Total 6)

Complete the following number of credits: 6

[DRAMA021 - Principles of Acting 2](#) 3

[DRAMA040 - Theatrical Stagecraft](#) 3

[DRAMA041 - Theatrical Design](#) 3

List A: Required Courses in Major (Total 3)

Complete the following number of credits: 3

[DRAMA050 - Theatrical Production I: Beginning Acting for Performance](#) 3

[DRAMA051 - Theatrical Production II: Intermediate Acting for Performance](#) 3

Acting Associate of Arts Degree (AA)

A.A. Degree Local

[Print Page](#)

[Back to department listing](#)

Units:

60.0 units

For the Associate of Arts Degree in Acting, complete the coursework listed below as well as the General Education requirements. Consult a Los Medanos College counselor to develop your education plan.

Toggle

Program Learning Outcomes

- 1. To analyze, dissect, and critically evaluate a script or theatrical event or film with working knowledge of its historical, cultural, and societal origins and contexts.
- 2. To use strongly developed physical, vocal, and emotional foundations to build a personalized acting process for approaching a text or character in order to effectively communicate on stage or in film.
- 3. To describe the process and be able to write, produce, direct, manage, promote, and star in a theatrical event or film.
- 4. To be academically and fundamentally prepared to enter the entertainment industry or transfer to a four-year acting or film program with an advanced standing.

Toggle

Program Requirements

A.A. Degree Local

Required Courses in Major (Total 18)

Complete all of the following

Required Courses for Major (Total 15)

Complete all of the following

[DRAMA020 - Principles of Acting I](#) 3

[DRAMA021 - Principles of Acting 2](#) 3

[DRAMA022 - Principles of Voice for Acting](#) 3

[DRAMA023 - Principles of Improvisation and Movement](#) 3

[DRAMA061 - Directing and Collaborative Project](#) 3

Required Courses for Major (Total 3)

Complete the following number of credits: 3

[DRAMA015 - Multicultural Perspectives Within Theatre](#) 3

[DRAMA016 - Theatre Appreciation](#) 3

DRAMA-015 Multicultural Perspectives Within Theatre

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

Drama 15 is an interdisciplinary course focusing on the relationships of expression, imagination and experience in dramatic art forms as they pertain to African American, Latino American, Asian American and Euro-American theatre. The course also explores dramatic art as a cultural force in conjunction with music, dance and movement, storytelling, spoken word, film and the visual arts in relationship to the plays which are studied throughout the course. Also included is critical analysis of both individual and collaborative contributions of actors, directors, playwrights and designers as they relate to live theatrical productions.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

CSU - General Education - Breadth Requirements:

- Area C1: Arts

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 3A: Arts

LMC Local AA/AS - General Education Requirements:

- EM: Ethnic/Multicultural Studies
- AH: Arts and Humanities

Student Learning Outcomes:

- 1. Critically read, analyze and discuss plays from a socio-historic and/or artistic perspective and write critical evaluations of plays using the vocabulary, skills, tools and language of drama. (GESLO 1) (PSLO 1, 4)
- 2. Synthesize ideas, concepts and facts from a variety of disciplines, such as theatre, film, dance, visual art, music, literature, science, philosophy, ethics and sociology in order to evaluate the content and meaning of theater. (GESLO 2) (PSLO 1, 4)
- 3. Analyze the impact of theater on society. (GESLO 3) (PSLO 1)
- 4. Identify and evaluate ethical dilemmas and moral issues inherent in filmed, written and/or performed works. (GESLO 4) (PSLO 1, 4)
- 5. Compare and contrast how the cultural context of a dramatic work conveys meaningful connections and experiences across cultures. (GESLO 5) (PSLO 1)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

DRAMA-016 Theatre Appreciation

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

An introduction to theatre appreciation in which students will explore the various aspects of the theatrical experience: the components of theatre, the various creative artists and technicians who make it happen, explore design and technical production elements including the 'nuts and bolts' aspects of scenery, costumes, lighting and sound, the traditional and historical background from which theatre springs and the genre of movement of which a particular play is part.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

CSU - General Education - Breadth Requirements:

- Area C1: Arts

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 3A: Arts

LMC Standard AA/AS - General Education Requirements:

- C. Arts & Humanities

C-ID:

- Theatre

Comparable course: THTH 111

Student Learning Outcomes:

- 1. To analyze, dissect, and critically evaluate a script or theatrical event or film with working knowledge of its historical, cultural, and societal origins and contexts.
- 2. To use strongly developed physical, vocal, and emotional foundations to build a personalized acting process for approaching a text or character in order to effectively communicate on stage or in film.
- 3. To understand how and be able to write, produce, direct, manage, promote, and star in a theatrical event or film.
- 4. To be academically and fundamentally prepared to enter the entertainment industry or transfer to a 4-year theatre or film program with an advanced standing.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours**Lecture Hours**

54.0

Lab Hours

0.0

Activity Hours

0.0

DRAMA-020 Principles of Acting I

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is an introduction to the history and basic acting techniques of the actor. Emphasis will be given to basic Stanislavski technique, given circumstances, objectives, actions, tactics, relaxation and breathing techniques, imagination development, and dramatic play. Also covered are literary characteristics such as play structure, plot structure and the vocabulary of theatre.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

C-ID:

- Theatre

Comparable course: THTR 151

Student Learning Outcomes:

- CSLO 1: Identify and explain basic acting techniques (manipulate imagination, given circumstance, objective, action, tactics, and methods of relaxation) used in performed work at a beginning level (PSLO 2, 4)

- 2. To use strongly developed physical, vocal, and emotional foundations to build a personalized acting process for approaching a text or character in order to effectively communicate on stage or in film.
- 3. To understand how and be able to write, produce, direct, manage, promote, and star in a theatrical event or film.
- 4. To be academically and fundamentally prepared to enter the entertainment industry or transfer to a 4-year theatre or film program with an advanced standing.

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

90.0

Course in class (contact) hours

Lecture Hours

36.0

Lab Hours

54.0

Activity Hours

0.0

DRAMA-021 Principles of Acting 2

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course expands on Stanislavski technique by including acting techniques by Meisner, Brook, Adler, Mamet, Hagen, Lewis, and Chekhov. Students will explore and apply these acting techniques and styles to scene and monologue work.

Requisites:

None

Credit by Exam/Challenge:

Yes

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:**C-ID:**

- Theatre

Comparable course: THTR 152

Student Learning Outcomes:

- CSLO 1: Identify and explain basic acting techniques (manipulate imagination, given circumstance, objective, action, tactics, and methods of relaxation) used in performed work at a Intermediate level. (PSLO 2, 4)
- CSLO 2: Use intermediate acting techniques (manipulate imagination, given circumstance, objective, action, tactics, and methods of relaxation) in a performed scene and monologue (PSLO 2, 4)
- CSLO 3: Identify and compare various acting styles and approaches based on exercises and performances (PSLO 4)

- CSLO 4: Use the vocabulary of theatre to critique and evaluate performances at an intermediate level (PSLO 1, 4)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

90.0

Course in class (contact) hours

Lecture Hours

36.0

Lab Hours

54.0

Activity Hours

0.0

DRAMA-022 Principles of Voice for Acting

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course provides principles, experiences, and foundations of voice for the stage; exploring and understanding the anatomy of the vocal mechanism; relaxation exercises used to release tension and

free the voice; a detailed warm up; as well as vocal and breath development; and textual exploration exercises constructed by Kristin Linklater, Patsy Rodneburg, and Cicely Berry.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Identify and explain the parts of the vocal anatomy and their specific use. (PSLO 2)
- CSLO 2: Develop, use, and document a warm-up that can be customized to adapt to the needs of the individual. (PSLO 2, 4)
- CSLO 3: Develop the use of the breathing and vocal mechanisms through practical exercises, textual exploration, and dramatic play. (PSLO 2, 4)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

90.0

Course in class (contact) hours**Lecture Hours**

36.0

Lab Hours

54.0

Activity Hours

0.0

DRAMA-023 Principles of Improvisation and Movement

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course provides foundations, principles, and exercises designed to aid the actor's creative process for the stage. Actors will work with body alignment in order to create a neutral palate for the actor's work to begin. Control over the body as a whole as well as over specific parts will be explored and work shopped through the use of pantomime, mask, stage combat, clowning, and dramatic play. Techniques explored will range from Viewpoints and undulations to stage combat, mime, and psycho-physical acting.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: To develop control over and explore the human body and its individual parts. (PSLO 2)
- CSLO 2: To explore the relationships between space and movement. (PSLO 2)
- CSLO 3: To develop an 'Actor Neutral' from which to develop a character. (PSLO 2)
- CSLO 4: To identify and explain the use and perceptions of physicality in dramatic play. (PSLO 4)
- CSLO 5: To develop and explore the fundamentals of improvisation both through voice and movement. (PSLO 2)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

90.0

Course in class (contact) hours

Lecture Hours

36.0

Lab Hours

54.0

Activity Hours

0.0

DRAMA-030 Chicano/a Mexican American Cinema: A Critical Analysis

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

DRAMA-030 is a critical approach to the study of Chicano/a cinema. It utilizes film screenings, lectures, classroom discussions, and readings to facilitate the study of film as both an artistic form as well as an expression of Chicano/a historical, political and social movements in the United States and to explore the ethical values examined and expressed in Chicano/a movies.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:**CSU - General Education - Breadth Requirements:**

- Area C2: Humanities

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 3B: Humanities

LMC Local AA/AS - General Education Requirements:

- EM: Ethnic/Multicultural Studies

Student Learning Outcomes:

- CSLO1: Critique Chicano/a; Mexican American films orally and in writing by evaluating the aesthetic, social, political, economic and artistic elements of the films (PSLO 1, 3) (GESLO 1, 2)
- CSLO2: Read and think critically and creatively about the political, ethical and moral value of characters, plot, setting and filmmakers of Chicano/a; Mexican American films (PSLO 1, 3) (GESLO 1, 3, 4)
- CSLO3: Apply a worldview informed by diverse social, multicultural and global perspective based on Chicano/a; Mexican American film analysis from different historical and geographic areas (PSLO 1, 3) (GESLO 5)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

DRAMA-040 Theatrical Stagecraft

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is an introduction and in depth immersion into the art of scenic design and construction. Students will explore various techniques and styles used in popular scenic design, become proficient in the use of scene shop tools and construction, develop basic techniques used in scene painting, and use them to design a production model as well as build a working set for a production.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

C-ID:

- Theatre

Comparable course: THTR 171

Student Learning Outcomes:

- CSLO 1: Identify and explain the use of various elements that comprise a production's set. (PSLO 1, 3)
- CSLO 2: Identify, explain, and evaluate theoretical approaches and techniques used by the scenic artist. (PSLO 1) CSLO 3:
- Construct a set and create a production model that incorporates the skills and techniques used in theatrical design (PSLO 3)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

126.0

Course in class (contact) hours

Lecture Hours

18.0

Lab Hours

108.0

Activity Hours

0.0

DRAMA-041 Theatrical Design

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is an introduction and in depth immersion into the art of light, costume, and make-up design. Students will explore and develop skills used by scenic, light, costume, and make-up designers and apply them to the construction and design of a working production as well as budget and design proposals.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

C-ID:

- Theatre

Comparable course: THTR 172

Student Learning Outcomes:

- CSLO 1: Identify and explain the elements used in theatrical light, costume, and make-up design. (PSLO 1,3)
- CSLO 2: Explore and discuss various approaches used in theatrical design. (PSLO 3)

- CSLO 3: Design the lights, set, costume, and make-up for a working production using the skills and techniques of theatrical design. (PSLO 3)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

126.0

Course in class (contact) hours

Lecture Hours

18.0

Lab Hours

108.0

Activity Hours

0.0

DRAMA-050 Theatrical Production I: Beginning Acting for Performance

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This is an immersive course where students work with Stanislavski techniques, personal techniques, theatre vocabulary, and taking direction. Students will be immersed in all aspects of the rehearsal process in order to take part in a full theatrical production at a beginning acting level.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Advisory

[DRAMA040 - Theatrical Stagecraft](#)

Advisory

[DRAMA041 - Theatrical Design](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

C-ID:

- Theatre

Comparable course: THTR 191

Student Learning Outcomes:

- CSLO 1: Evaluate and analyze a script for rehearsal and performance Create and dramatize the behavioral life of a character in rehearsal and performance at a basic acting level. (PSLO 1, 2)
- CSLO 2: Apply basic skills and methods to performing a role on stage at a basic acting level. (PSLO 1, 2)
- CSLO 3: Use and maintain basic production elements such as props, costumes, and furniture to create the world of a chosen play. Recognize and demonstrate their

collaborative responsibilities with the director and designers in rehearsal and in performance. (PSLO 1, 2)

- CSLO 4: Demonstrate a strong work ethic within a professional framework of collaboration. (PSLO 1, 2)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

162.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

162.0

Activity Hours

0.0

DRAMA-051 Theatrical Production II: Intermediate Acting for Performance

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This is an immersive course where students work with intermediate level acting techniques that include Meisner, Adler, Brook, Hagen, Lewis, Chekhov, movement and team building used for character development. Students will be immersed in all aspects of the rehearsal process in order to take part in a full theatrical production at an intermediate acting level.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Advisory

[DRAMA040 - Theatrical Stagecraft](#)

Advisory

[DRAMA041 - Theatrical Design](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

C-ID:

- Theatre

Comparable course: THTR 191

Student Learning Outcomes:

- CSLO 1: Evaluate and analyze a script for rehearsal and performance Create and dramatize the behavioral life of a character in rehearsal and performance at an intermediate acting level. (PSLO 1, 2)
- CSLO 2: Apply intermediate acting skills and methods to performing a role on stage at a basic acting level. (PSLO 1, 2)
- CSLO 3: Use and maintain basic production elements such as props, costumes, and furniture to create the world of a chosen play. Recognize and demonstrate their

collaborative responsibilities with the director and designers in rehearsal and in performance. (PSLO 1, 2)

- CSLO 4: Demonstrate a strong work ethic within a professional framework of collaboration. (PSLO 1, 2)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

162.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

162.0

Activity Hours

0.0

DRAMA-060 Directing for the Stage

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

Directing for the Stage is a comprehensive course highlighting the primary aspects of Stage Direction. Students will learn script analysis, blocking, design principles for communication with production team, leadership, and dramatic structure. In addition, students will direct scenes each week that will require a concept, target audience and will reinforce lessons in leadership, blocking, and team management within the artistic process. By the end of the class each student will have a small portfolio of their body of work.

Requisites:

None

Credit by Exam/Challenge:

Yes

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Evaluate and analyze a script for rehearsal and performance from the creative viewpoint of the director. Create and dramatize the behavioral life of a character through staging and performance at a beginning level. (PSLO 1, 2)
- CSLO 2: Apply beginning directing skills in order to bring to life a creative project on stage at a basic directing level. (PSLO 1, 2)
- CSLO 3: Recognize and demonstrate collaborative responsibilities between the director and designers in rehearsal and in performance. (PSLO 1, 2)
- CSLO 4: Demonstrate a strong work ethic within a professional framework of collaboration. (PSLO 1, 2)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

90.0

Course in class (contact) hours**Lecture Hours**

36.0

Lab Hours

54.0

Activity Hours

0.0

DRAMA-061 Directing and Collaborative Project

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

In this course students will be involved in every aspect of a full theatrical production. Students will select a script hold auditions, cast, design, construct, direct, market, and star in this collaborative production performed for a live audience.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Evaluate and analyze a script for rehearsal and performance. Create and dramatize the behavioral life of a character through staging, scenic design, property design, costume construction, and performance at a beginning or intermediate level. (PSLO 1, 2)
- CSLO 2: Apply intermediate acting skills and methods to performing a role on stage at a basic acting level. (PSLO 1, 2)
- CSLO 3: Use, maintain, and build basic production elements such as props, costumes, and furniture to create the world of a chosen play. Recognize and demonstrate their collaborative responsibilities with the director and designers in rehearsal and in performance. (PSLO 1, 2)
- CSLO 4: Demonstrate a strong work ethic within a professional framework of collaboration. (PSLO 1, 2)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

126.0

Course in class (contact) hours

Lecture Hours

18.0

Lab Hours

108.0

Activity Hours

0.0

DRAMA-062 Directing Workshop

Units: 2.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is a rehearsal component to the existing Drama-061 course. Due to the complex nature and sheer size of the collaborative project additional time is needed to write, rehearse, and design the cumulative final project along with the courses daily lessons.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Evaluate and analyze a script for rehearsal and performance from the creative viewpoint of the director. Create and dramatize the behavioral life of a character through staging and performance at a beginning or intermediate level. (PSLO 1, 2, 3)
- CSLO 2: Apply intermediate acting and directing skills in order to perform a role or bring to life a creative project on stage at a basic acting and directing level. (PSLO 1, 2)
- CSLO 3: Recognize and demonstrate collaborative responsibilities between the director and designers in rehearsal and in performance. (PSLO 1, 2)
- CSLO 4: Demonstrate a strong work ethic within a professional framework of collaboration. (PSLO 1, 2)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

2.0

Maximum Credit Units

2.0

Total Course In-Class (Contact) Hours

108.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

108.0

Activity Hours

0.0

DRAMA-070 Film as an International Art Form

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

DRAMA-070 is a critical approach to the study of film that integrates both the technical elements of filmmaking with aesthetic and thematic elements through the exploration of various genres which may include but are not limited to suspense and mystery, science fiction/fantasy, survival and adventure, romance and comedies and/or Westerns. The class encompasses films from the early 20th century through the present time and may include films from the Americas, Europe, Australia and/or Asia as it explores the cultural and artistic concerns of a variety of cultures as reflected in motion pictures. Related disciplines such as editing, music scoring, screenwriting, acting for the camera are also discussed in relationship to the films being studied.

Requisites:**Advisory**

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:**CSU - General Education - Breadth Requirements:**

- Area C1: Arts

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 3A: Arts

LMC Standard AA/AS - General Education Requirements:

- C. Arts & Humanities

Student Learning Outcomes:

- CSLO1: Critique international films orally and in writing by evaluating the aesthetic/artistic, thematic, social, political, and historical elements of a variety of films in various genres. (PSLO 1, 3) (GESLO 1, 2)
- CSLO2: Read and think critically and creatively about the political, ethical and moral values of a film's characters, plot, themes, and physical settings as well as the ethical and moral values of the filmmaker which are reflected in his or her films. (PSLO 1, 3) (GESLO 1, 3, 4)
- CSLO3: Apply a worldview informed by diverse social, multicultural and global perspectives based on film analysis from significant historical periods, various social movements and/or a variety of geographic areas throughout the world (PSLO 1, 3) (GESLO 5)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

90.0

Course in class (contact) hours

Lecture Hours

36.0

Lab Hours

54.0

Activity Hours

0.0

DRAMA-098 Independent Study in Dramatic Arts

Units: 0.5-3.0

[Print Page](#)

[Back to department listing](#)

Description:

Provides students an opportunity to design and pursue their own interests within a particular area. Projects reflecting cultural diversity and/or societal issues will be greatly encouraged. A contract must be drawn between the student and the instructor stipulating the goals for the independent study, the content, the method of approach, the estimated time involved, and the periodic evaluation to be used.

Requisites:

None

Course Note:

Submission of acceptable educational contract to department and Instruction Office is required.

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- Meet outcomes as specified in the approved Application for Independent Study.
- Gain knowledge and skill through the successful completion of an independent study course.
- Demonstrate and/or apply independent academic learning skills.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

0.5

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

162.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

162.0

Activity Hours

0.0

Nursing - Vocational

Program Information

Degree(s) and/or certificates and courses listed below.

Degrees and Certificates

[Vocational Nursing Certificate of Achievement \(COA\)](#)

Course Information

[VONUR004 - Introductory Concepts to Clinical Pharmacology](#)
[VONUR005 - Fundamentals of Vocational Nursing](#)
[VONUR006 - Fundamentals of Vocational Nursing Practice](#)
[VONUR007 - Vocational Nursing Role Relationships](#)
[VONUR008 - Medical Terminology for Healthcare Occupations](#)
[VONUR010 - Intermediate Concepts to Clinical Pharmacology](#)
[VONUR011 - Medical Surgical Nursing](#)
[VONUR012 - Medical-Surgical Nursing Practice](#)
[VONUR015 - Advanced Concepts to Clinical Pharmacology](#)
[VONUR016 - Family Centered Nursing](#)
[VONUR017 - Family Centered Nursing Practice](#)
[VONUR018 - Professional Issues in Vocational Nursing](#)
[VONUR020 - Drug Dosage Calculations for Health Occupations](#)
[VONUR030 - IV Therapy/Blood Withdrawal](#)
[VONUR098 - Independent Study in Vocational Nursing](#)

[Back to department listing](#)

Vocational Nursing Certificate of Achievement (COA)

Certificate of Achievement

[Print Page](#)

[Back to department listing](#)

Units:

39.0 units

The Vocational Nursing Program is three semesters in length. The Certificate of Achievement is awarded upon successful completion of the program. Completion of prerequisite courses and required GPA are required for admission eligibility to the program. Only those students formally admitted to the program may enroll in vocational nursing courses. Completion of the vocational nursing program qualifies students to take the State Board Examination (NCLEX-PN) for licensure as a vocational nurse (LVN). Please refer to the current version of the Vocational Nursing Applicant Handbook for prerequisite requirements, application submission dates and the application to the Vocational Nursing Program. Catalog Rights do not pertain to prerequisite courses and program requirements.

Toggle

Program Learning Outcomes

- 1. . Be academically prepared to take and pass the NCLEX-PN examination for licensure as a licensed vocational nurse (LVN).
- 2. . Demonstrate theoretical knowledge and application of technical skills to obtain an entry-level position as licensed vocational nurse (LVN).
- 3. Apply critical thinking skills in the care of clients in various clinical settings.
- 4. Utilize therapeutic communication skills (oral and written) in a clinical setting that assist the client/family to cope with and resolve problems.
- 5. . Determine the effects of nursing interventions on clients.

Toggle

Program Requirements

Certificate of Achievement

Required Courses for Major (Total 39)

Complete all of the following

VONUR004 - Introductory Concepts to Clinical Pharmacology 1

VONUR005 - Fundamentals of Vocational Nursing 6

VONUR006 - Fundamentals of Vocational Nursing Practice 6

VONUR007 - Vocational Nursing Role Relationships 1

VONUR010 - Intermediate Concepts to Clinical Pharmacology 1

VONUR011 - Medical Surgical Nursing 5

VONUR012 - Medical-Surgical Nursing Practice 6

VONUR015 - Advanced Concepts to Clinical Pharmacology 1

VONUR016 - Family Centered Nursing 5

VONUR017 - Family Centered Nursing Practice 6

VONUR018 - Professional Issues in Vocational Nursing 1

VONUR-004 Introductory Concepts to Clinical Pharmacology

Units: 1.0

[Print Page](#)

[Back to department listing](#)

Description:

This course will present introductory core concepts of pharmacology including drug regulations, pharmacokinetic actions of drugs, effects of medications on older adults and drug dosage calculations.

Requisites:**Prerequisite**

Admission to Vocational Nursing Program **Co-Requisite**

[VONUR005 - Fundamentals of Vocational Nursing](#)

Co-Requisite

[VONUR006 - Fundamentals of Vocational Nursing Practice](#)

Co-Requisite

[VONUR007 - Vocational Nursing Role Relationships](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Not transferable

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Calculate drug dosages accurately for oral, subcutaneous, intradermal and intramuscular administrations. (PSLO1-3) 25%
- 2. Differentiate and make conversions between the household and metric systems of measurement. (PSLO1-3) 20%
- 3. Define the pharmacokinetic actions of absorption, metabolism, excretion and distribution. 15% (PSLO # 1-3)
- 4. Decide on dosing considerations when administering medications to the geriatric population. (PSLO1-4) 20%

- 5. Distinguish the different methods used to deliver drugs to body systems. (PSLO 1-4) 20%

Grade Options:

- Letter Grade Methods (LR)
Toggle

Units and Hours

Minimum Credit Units

1.0

Maximum Credit Units

1.0

Total Course In-Class (Contact) Hours

21.0

Course in class (contact) hours

Lecture Hours

21.0

Lab Hours

0.0

Activity Hours

0.0

VONUR-005 Fundamentals of Vocational Nursing

Units: 6.0

[Print Page](#)

[Back to department listing](#)

Description:

This course provides fundamental instruction on the basic nursing skills that are necessary to create and maintain a hygienic, comfortable and safe patient environment. This course incorporates the

concepts of homeostasis, the nursing process, maintaining an optimum level of wellness and care mapping as the foundations for providing safe and comprehensive nursing care.

Requisites:

Prerequisite

Admission to the Vocational Nursing Program **Co-Requisite**

[VONUR004 - Introductory Concepts to Clinical Pharmacology](#)

Co-Requisite

[VONUR006 - Fundamentals of Vocational Nursing Practice](#)

Co-Requisite

[VONUR007 - Vocational Nursing Role Relationships](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Not transferable

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Describe the nursing process and explain how to it applies to diverse patient populations. (PSLO # 1-2)
- 2. Develop an individualized nursing care plan incorporating the 5 components of the nursing process. (PSLO # 2, 3)
- 3. Describe how to perform a head to toe physical assessment and correlate the data to the nursing process. (PSLO # 2,3)
- 4. Distinguish between social and therapeutic communication and identify the different blocks to therapeutic communication. (PSLO # 5)
- 5. Describe safety guidelines when caring for diverse patient populations in a wide variety of clinical settings. (PLSO # 1)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours**Minimum Credit Units**

6.0

Maximum Credit Units

6.0

Total Course In-Class (Contact) Hours

108.0

Course in class (contact) hours**Lecture Hours**

108.0

Lab Hours

0.0

Activity Hours

0.0

VONUR-006 Fundamentals of Vocational Nursing Practice

Units: 6.0

[Print Page](#)

[Back to department listing](#)

Description:

Supervised clinical instruction in the implementation of basic fundamental nursing skills introduced in VONUR 005. Concurrent supervised practice in college lab with collaborative peer study groups and instructor.

Requisites:

Prerequisite

Admission to the Vocational Nursing Program **Co-Requisite**

[VONUR004 - Introductory Concepts to Clinical Pharmacology](#)

Co-Requisite

[VONUR005 - Fundamentals of Vocational Nursing](#)

Co-Requisite

[VONUR007 - Vocational Nursing Role Relationships](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Not transferable

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Develop a plan for accomplishing patient care based on prioritizing the patient's needs (PSLO # 1, 2, 3, 4)
- 2. Perform a complete and thorough history and head-to-toe assessment for data collection on medical- surgical or geriatric patient (PSLO # 1, 2, 3)
- 3. Identify actual and potential patient problems and implement the necessary nursing interventions. (PLSO#1,2,3,5)
- 4. Accurately record or chart; data collection information, interventions, patient responses, patient teaching and learning needs in the medical record or other method of documentation. (PLSO # 1,2)
- 5. Demonstrate active use of listening and interviewing skills and the use of therapeutic communication with patients in the clinical setting. (PLSO # 2,4)
- 6. Demonstrate the skills needed to competently and efficiently care for patients with various medical surgical health diagnoses using various treatments, medications and nursing interventions. (PLSO # 1, 2,3,5)

Grade Options:

- Letter Grade Methods

Toggle

Units and Hours

Minimum Credit Units

6.0

Maximum Credit Units

6.0

Total Course In-Class (Contact) Hours

342.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

342.0

Activity Hours

0.0

VONUR-007 Vocational Nursing Role Relationships

Units: 1.0

[Print Page](#)

[Back to department listing](#)

Description:

This course introduces the student to the role relationships, and the ethical and legal responsibilities of the student nurse. Students will also explore the evolution of the Vocational Nursing practice and roles.

Requisites:

Prerequisite

Admission to Vocational Nursing Program

Co-Requisite

[VONUR004 - Introductory Concepts to Clinical Pharmacology](#)

Co-Requisite

[VONUR005 - Fundamentals of Vocational Nursing](#)

Co-Requisite

[VONUR006 - Fundamentals of Vocational Nursing Practice](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Not transferable

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Develop learning strategies based on information from an individual learning profile. (PLSO # 1-2)
- 2. Compile an annotated bibliography. (PLSO # 1-2)
- 3. Identify key people in nursing history and their accomplishments in the nursing profession. (PLSO # 1-2)
- 4. Identify the concepts of wellness and health influence the practice of nursing. (PLSO # 1-2)
- 5. Identify ethics, laws and regulations that affect nursing practice. (PLSO # 1-2)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

1.0

Maximum Credit Units

1.0

Total Course In-Class (Contact) Hours

18.0

Course in class (contact) hours

Lecture Hours

18.0

Lab Hours

0.0

Activity Hours

0.0

VONUR-008 Medical Terminology for Healthcare Occupations

Units: 1.0

[Print Page](#)

[Back to department listing](#)

Description:

This course provides an integrated approach to learning and using medical terminology for the person interested in becoming a healthcare professional or one who works in a healthcare occupation.

Requisites:**Advisory**

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Not transferable

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Identify word parts, prefixes, suffixes, and the general rules for building medical terms.
- 2. Interpret medical terminology in a medical record including vocabulary, pathology, diagnostic procedures, and treatment procedures.
- 3. Apply correct medical terminology in communicating with healthcare professionals.

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

1.0

Maximum Credit Units

1.0

Total Course In-Class (Contact) Hours

18.0

Course in class (contact) hours

Lecture Hours

18.0

Lab Hours

0.0

Activity Hours

0.0

VONUR-010 Intermediate Concepts to Clinical Pharmacology

Units: 1.0

[Print Page](#)

[Back to department listing](#)

Description:

This intermediate course presents concepts of clinical pharmacology and drug therapy used in the management of major diseases and disorders affecting the neurological, muscular, respiratory, cardiovascular, gastrointestinal, and endocrine in the adult client. The pharmacology content also includes nursing care of clients, prescribed antibiotics, anti-infectives, and pre and post-operative drug therapy of the surgical adult client.

Requisites:

Prerequisite

Admission to the Vocational Nursing Program **Co-Requisite**

[VONUR011 - Medical Surgical Nursing](#)

Co-Requisite

[VONUR012 - Medical-Surgical Nursing Practice](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Not transferable

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Describe common drugs used in the treatment of medical-surgical disorders and include their classification, therapeutic effect, average dose range, expected side effects and adverse drug effects. (PSLO1-3)
- 2. Explain the effects of specific medications on the circulatory, respiratory, endocrine, gastrointestinal, urinary, musculoskeletal, integumentary, and nervous systems. (PSLO1-3)
- 3. Apply the nursing process to clinical pharmacology. (PSLO1-3)
- 4. Describe the pharmacokinetic actions of absorption, metabolism, excretion and distribution to the different drug classes. (PSLO1-6)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours**Minimum Credit Units**

1.0

Maximum Credit Units

1.0

Total Course In-Class (Contact) Hours

21.0

Course in class (contact) hours

Lecture Hours

21.0

Lab Hours

0.0

Activity Hours

0.0

VONUR-011 Medical Surgical Nursing

Units: 5.0

[Print Page](#)

[Back to department listing](#)

Description:

This course presents the basic causes and symptoms of disease and/or health problems of adults. Introduces nursing principals to maintain and/or restore homeostasis and provide physiological and emotional comfort and safety. Builds on the nursing process as a systematic approach to providing preventive and restorative nursing care.

Requisites:

Prerequisite

[VONUR005 - Fundamentals of Vocational Nursing](#)

Prerequisite

Admission to the Vocational Nursing Program. **Co-Requisite**

[VONUR010 - Intermediate Concepts to Clinical Pharmacology](#)

Co-Requisite

[VONUR012 - Medical-Surgical Nursing Practice](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Not transferable

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Apply the nursing process to a variety of client situations and medical diagnoses. (PSLO#1-6)
- 2. Apply critical thinking skills by reasoning, analyzing and making decisions based on the student's assessment skills and data collected. (PSLO#1-6)
- 3. Analyze the relationship between physiological and/or psychological measurements of vital signs, assessment data and nursing care. (PSLO#1-6)
- 4. Describe the role communication plays in the performance of nursing care. (PSLO#1,2, 5)
- 5. Describe and explain the role of the vocational nursing in caring for older adults and pre and post-op patients. (PSLO#1-6)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

5.0

Maximum Credit Units

5.0

Total Course In-Class (Contact) Hours

90.0

Course in class (contact) hours

Lecture Hours

90.0

Lab Hours

0.0

Activity Hours

0.0

VONUR-012 Medical-Surgical Nursing Practice

Units: 6.0

[Print Page](#)

[Back to department listing](#)

Description:

This is the second semester clinical course in the three-semester program geared towards completion and certification for the Vocational Nursing program. Completion of the program prepares students to take the licensure examination. In this course, under instructor supervision, students demonstrate in a clinical environment, nursing skills necessary to care for a variety of patients with various medical surgical diseases, create and maintain a hygienic, comfortable and safe patient environment, provide treatments and administer medications. In addition, students are provided the opportunity to practice their skills in the Nursing Skill Lab and various skills are tested for proficiency prior to being used in the clinical environment. The students' clinical experience utilizes the concepts of homeostasis, the nursing process, care mapping and maintaining an optimum level of wellness as the foundation for providing safe and comprehensive nursing care to the medical surgical patient.

Requisites:

Prerequisite

[VONUR006 - Fundamentals of Vocational Nursing Practice](#)

Prerequisite

Admission to the Vocational Nursing Program. **Co-Requisite**

[VONUR010 - Intermediate Concepts to Clinical Pharmacology](#)

Co-Requisite

[VONUR011 - Medical Surgical Nursing](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Not transferable

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Utilize the nursing process with a variety of medical surgical patients with various medical diagnoses.(PSLO #1,2,3,4,5,)
- 2. Demonstrate critical thinking skills by reasoning, analyzing and making decisions based on assessment skills and data collection. (PSLO #1, 2,3, 4)
- 3. State the relationship between physiological and/or psychological measurements of vital signs, assessment data and nursing care of the medical surgical patient. (PSLO#1, 2,3,4, 5)
- 4. Communicate effectively in the nursing environment (PSLO #1, 2, 5)
- 5. Provide safe, competent care to a full medical surgical patient assignment, including older adults and pre and post op patients, in various clinical settings. (PSLO #1,2,3, 4, 5)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

6.0

Maximum Credit Units

6.0

Total Course In-Class (Contact) Hours

342.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

342.0

Activity Hours

0.0

VONUR-015 Advanced Concepts to Clinical Pharmacology

Units: 1.0

[Print Page](#)

[Back to department listing](#)

Description:

This advanced course presents concepts of clinical pharmacology and drug therapy used in the management of major diseases and disorders affecting clients with psychiatric disorders as well as drug therapy used in the management of normal and abnormal conditions related to the expectant mother and the pediatric client.

Requisites:

Prerequisite

[VONUR010 - Intermediate Concepts to Clinical Pharmacology](#)

Prerequisite

Admission to Vocational Nursing Program **Co-Requisite**

[VONUR016 - Family Centered Nursing](#)

Co-Requisite

[VONUR017 - Family Centered Nursing Practice](#)

Co-Requisite

[VONUR018 - Professional Issues in Vocational Nursing](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Not transferable

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Describe common drugs used in the prevention and treatment of common disorders of the maternity, newborn, pediatric and psychiatric client including classification, mode of action, average dose range, side effects and toxic effects. (PLSO # 5)
- 2. Describe the pharmacokinetic actions of absorption, metabolism, excretion and distribution to the different drug classes. (PLSO 1-5)
- 3. Apply the nursing process to clinical pharmacology. (PLSO # 1-3)
- 4. Correctly calculate pediatric doses based on weight. (PLSO # 1-3)
- 5. Calculate IV flow rates and IV infusion time accurately. (PLSO 1-3)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours**Minimum Credit Units**

1.0

Maximum Credit Units

1.0

Total Course In-Class (Contact) Hours

21.0

Course in class (contact) hours**Lecture Hours**

21.0

Lab Hours

0.0

Activity Hours

0.0

VONUR-016 Family Centered Nursing

Units: 5.0

[Print Page](#)

[Back to department listing](#)

Description:

Introduces the concept of family centered nursing practice. Instruction includes principles of nursing to maintain and/or restore homeostasis in clients with common disease conditions and health needs seen in pregnancy, infancy, childhood, and the adult client with psychiatric disorders.

Requisites:

Prerequisite

[VONUR011 - Medical Surgical Nursing](#)

Prerequisite

Admission to the Vocational Nursing Program. Co-Requisite

[VONUR015 - Advanced Concepts to Clinical Pharmacology](#)

Co-Requisite

[VONUR017 - Family Centered Nursing Practice](#)

Co-Requisite

[VONUR018 - Professional Issues in Vocational Nursing](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Not transferable

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Apply the nursing process to a variety of client situations and medical diagnoses.
- 2. Demonstrate critical thinking skills by reasoning, analyzing and making decisions based on the student's assessment skills and data collected.
- 3. Analyze the relationship between physiological and/or psychological measurements of vital signs, assessment data and nursing care.
- 4. Describe the role communication plays in the performance of nursing care.
- 5. Understand the role of the vocational nurse in caring for obstetric, pediatric and psychiatric patient populations.

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours**Minimum Credit Units**

5.0

Maximum Credit Units

5.0

Total Course In-Class (Contact) Hours

90.0

Course in class (contact) hours

Lecture Hours

90.0

Lab Hours

0.0

Activity Hours

0.0

VONUR-017 Family Centered Nursing Practice

Units: 6.0

[Print Page](#)

[Back to department listing](#)

Description:

This is the third semester clinical course in the three semester Vocational Nursing program. Completion of the program allows students to take the licensure examination. In the course students demonstrate in a clinical environment the nursing skills necessary to provide nursing care to pediatric, maternity, older adults and psychiatric patients under instructor supervision. In addition, students are provided the opportunity to practice their skills in the Nursing Skill Lab and various skills are tested for proficiency prior to being used in the clinical environment. The students' clinical experience utilizes the concepts of homeostasis, the nursing process, care mapping and maintaining an optimum level of wellness as the foundation for providing safe and comprehensive nursing care to patients.

Requisites:

Prerequisite

Admission to the Vocational Nursing Program **Co-Requisite**

[VONUR015 - Advanced Concepts to Clinical Pharmacology](#)

Co-Requisite

[VONUR016 - Family Centered Nursing](#)

Co-Requisite

[VONUR018 - Professional Issues in Vocational Nursing](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Not transferable

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Develop a plan and implement the appropriate nursing intervention for accomplishing patient care based on prioritizing the patient's needs with obstetric, pediatric, geriatric or psychiatric patients. (PSLO ,2,3,4, 5)
- 2. Identify actual and potential obstetric, pediatric or psychiatric patient problems and the necessary nursing interventions. (PSLO 1, 2, 3,)
- 3. Accurately record or chart data collection information, interventions, patient responses, patient teaching and learning needs in the medical record or other documentation. (PSLO 2, 3, 4)
- 4. Competently and efficiently care for patients with various obstetric, pediatric, geriatric or psychiatric patient health diagnoses using various treatments, medications and nursing interventions. (PSLO 2, 3, 4, 5)
- 5. Use interviewing skills to gather obstetric, pediatric, geriatric or psychiatric patients data.(PSLO 2, 5)
- 6. Competently and effectively function in a nursing leadership role. (PSLO 2, 3, 4)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours**Minimum Credit Units**

6.0

Maximum Credit Units

6.0

Total Course In-Class (Contact) Hours

342.0

Course in class (contact) hours**Lecture Hours**

0.0

Lab Hours

342.0

Activity Hours

0.0

VONUR-018 Professional Issues in Vocational Nursing

Units: 1.0

[Print Page](#)

[Back to department listing](#)

Description:

Introduces the student to the roles, responsibilities, legal and ethical changes in society affecting nursing practice and nursing employment.

Requisites:

Prerequisite

Admission to Vocational Nursing Program

Co-Requisite

[VONUR015 - Advanced Concepts to Clinical Pharmacology](#)

Co-Requisite

[VONUR016 - Family Centered Nursing](#)

Co-Requisite

[VONUR017 - Family Centered Nursing Practice](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Not transferable

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Differentiate the role of the Licensed Vocational Nurse (LVN) from the role of the Registered Nurse (RN). PLSO #1 and 2
- CSLO 2: Identify the different types of rules, nursing standards, regulations, ethical considerations and laws governing Licensed Vocational Nurse (LVN) practice and influencing health care decisions in the clinical environment. PLSO # 1 and 2
- CSLO 3: Describe the process to obtain and maintain a Licensed Vocational Nurse (LVN) License. PLSO #1 and 2
- CSLO4: Apply for a Licensed Vocational Nurse (LVN) position. PLSO # 1 and 2

Grade Options:

- Letter Grade Methods

Toggle

Units and Hours

Minimum Credit Units

1.0

Maximum Credit Units

1.0

Total Course In-Class (Contact) Hours

18.0

Course in class (contact) hours

Lecture Hours

18.0

Lab Hours

0.0

Activity Hours

0.0

VONUR-020 Drug Dosage Calculations for Health Occupations

Units: 2.0

[Print Page](#)

[Back to department listing](#)

Description:

This course will present mathematical skills and concepts needed by the healthcare worker to safely practice in the clinical setting. Content includes converting units of measure, interpreting medication orders, interpreting medication labels, calculating drug doses, intravenous flow rates, direct IV medications, reconstituting medications, enteral feeding and soak solutions, weight based calculations and critical care calculations. This class is designed for pre RN or LVN students as well as anyone else who is presently in or interested in the Allied Health field.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Not transferable

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Differentiate and make conversions between the household and metric systems of measurement. (PSLO 2, 3)
- 2. Solve drug dosage calculation problems using ration and proportion, formula, or dimensional analysis methods of calculation.(PSLO 2, 3, 5)
- 3. Accurately interpret medication orders and medication labels. (PSLO 2, 3, 5)
- 4. Calculate problems involving the enteral feedings, soaks, and flow rates of IV fluids. (PSLO 2, 3, 5)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

2.0

Maximum Credit Units

2.0

Total Course In-Class (Contact) Hours

36.0

Course in class (contact) hours

Lecture Hours

36.0

Lab Hours

0.0

Activity Hours

0.0

VONUR-030 IV Therapy/Blood Withdrawal

Units: 1.5

[Print Page](#)

[Back to department listing](#)

Description:

This course is designed for nurses who need IV certification for the California State Board of Vocational Nursing Course. Content covers: the purpose of IV and blood withdrawal therapy, legal considerations and implications, management of IV's, indications for and possible complications of venipuncture, and how to perform the procedures safely and successfully. BVNPT Certificates of Completion will be provided to LVN and RN participants.

Requisites:

Prerequisite

RN, LVN, Graduate of RN/ VN program, Senior (final semester) in VN/RN program

Course Note:

None

Enrollment Limitation:

None

Transferable:

Not transferable

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Discuss legal requirements pertaining to initiation of IV therapy/blood withdrawal. (PSLO # 1-3)
- 2. Explain the types of venipuncture devices, IV delivery systems, and IV fluids used in the clinical setting. (PLSO #2)
- 3. Understand the principles for preparing and accessing a peripheral vein for IV therapy or blood withdrawal and correlate anatomy and physiology to criteria for selection of venipuncture sites. (PLSO # 2)
- 4. Access a peripheral vein using sterile technique. (PLSO #2)

Grade Options:

- Pass/No Pass (P/NP)

Toggle

Units and Hours**Minimum Credit Units**

1.5

Maximum Credit Units

1.5

Total Course In-Class (Contact) Hours

36.0

Course in class (contact) hours

Lecture Hours

27.0

Lab Hours

9.0

Activity Hours

0.0

VONUR-098 Independent Study in Vocational Nursing

Units: 0.5-3.0

[Print Page](#)

[Back to department listing](#)

Description:

Provides students an opportunity to design and pursue their own interests within a particular area. Projects reflecting cultural diversity and/or societal issues will be greatly encouraged. A contract must be drawn between the student and the instructor stipulating the goals of the independent study, the content, the method of approach, the estimated time involved, and the periodic evaluation to be used.

Requisites:

None

Course Note:

Submission of acceptable educational contract to department and Instruction Office is required.

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- Meet outcomes as specified in the approved Application for Independent Study.
- Gain knowledge and skill through the successful completion of an independent study course.
- Demonstrate and/or apply independent academic learning skills.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

0.5

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

162.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

162.0

Activity Hours

Art

Program Information

The Art Department (Fine Arts, Art History and Graphic Communications) provides comprehensive, coherent, integrated and cumulative studies in foundation courses (2D, 3D, drawing and photography) intermediate studio courses (drawing, painting and ceramics), art appreciation and art history courses, as well as graphic communications courses (design, software-based illustration, page layout, photo manipulation and animation). We offer students several pathways to success. These include a local A.A. degree with a focus in either fine arts or graphic communications, a certificate in graphic communications, and G.E.

courses that meet transfer requirements to the UC or CSU systems.

Degrees and Certificates

Art History Associate of Arts Degree for Transfer (AA-T)
 Fine Arts Associate of Arts Degree (AA)
 Graphic Communications Associate of Arts Degree (AA)
 Graphic Communications Certificate of Achievement (COA)
 Photography, Certificate of Achievement
 Studio Arts Associate of Arts Degree for Transfer (AA-T)
 Three Dimensional Design Certificate of Achievement (COA)

Course Information

ART003 - Art Studio Practice
 ART005 - The Visual Arts
 ART006 - Ancient Art History (to 350 CE)
 ART007 - Medieval and Renaissance Art History (350 to 1550 CE)
 ART008 - Early Modern Art History (1550 to 1920 CE)
 ART009 - Late Modern and Contemporary Art History (1920 CE-Present)
 ART010 - Introduction to Two-Dimensional Concepts
 ART011 - Three-Dimensional Design Concepts
 ART012 - Design Drawing
 ART014 - Typography: Aesthetics, Application, and History
 ART015 - Graphic Design
 ART016 - Asian Art History
 ART017 - American Art History
 ART018 - Indigenous Americas Art History
 ART019 - History of Photography
 ART020 - Introduction to Drawing
 ART021 - Intermediate Drawing
 ART025 - Advertising, Marketing and Publication Design
 ART030 - Figure Drawing
 ART032 - Architectural History I: The World Before 1500CE
 ART033 - Architectural History II: The World After 1500CE
 ART034 - Islamic Art History

ART035 - Themes in Mesoamerican Culture through Ceramics
ART038 - Introduction to Printmaking
ART040 - Introduction to Painting
ART041 - Intermediate Painting
ART042 - Introduction to Watercolor Painting
ART043 - Intermediate Watercolor Painting
ART047 - Color Theory
ART050 - Designing with Adobe InDesign
ART054 - Adobe Photoshop
ART057 - Designing with Adobe Illustrator
ART058 - Designing for the Web
ART060 - Introductory Concepts of Sculpture
ART061 - Intermediate Concepts of Sculpture
ART062 - Introduction to Ceramic Sculpture
ART063 - Intermediate Ceramic Sculpture
ART064 - Introduction to Ceramics Through the Pottery Wheel
ART065 - Intermediate Ceramics Through the Pottery Wheel
ART066 - Introductory Hand-Built Ceramics
ART067 - Intermediate Hand-built Ceramics
ART072 - Introduction to Digital Photography
ART074 - Photo II: Developing a Personal Vision
ART075 - Documentary Photography
ART084 - Motion Graphics and Video Editing
ART085 - Introduction to Animation
ART086 - Animation and 3D Modeling
ART087 - 3D Texturing and Lighting
ART098 - Independent Study in Art
ART170 - Occupational Work Experience Education In Art
ART180 - Internship in Art
ART250 - Introduction to Digital Art

[Back to department listing](#)

Studio Arts Associate of Arts Degree for Transfer (AA-T)

A.A. Degree for Transfer

[Print Page](#)

[Back to department listing](#)

Units:

60 units

The Art Department (Fine Arts, Art History, and Graphic Communications) provides comprehensive, coherent, integrated, and cumulative studies in foundation courses (2D, 3D, drawing, and photography) intermediate studio courses (drawing, painting and ceramics), art appreciation and art history courses, as well as graphic communications courses (design, software-based illustration,

page layout, photo manipulation, and animation). We offer students several pathways to success. These include a local A.A. degree with a focus in either fine arts or graphic communications, a certificate in graphic communications, and G.E. courses that meet transfer requirements to the UC or CSU systems. To earn the Associate Degree for Transfer: 1. Completion of 60 semester units or 90 quarter units of degree-applicable courses, 2. Minimum overall grade point average of 2.0, 3. Minimum grade of “C” (or “P”) for each course in the major, and 4. Completion of IGETC and/or CSU GE-Breadth Certain ADTs are based on completion of IGETC for STEM or CSU GE-Breadth for STEM.

Toggle

Program Learning Outcomes

- 1. Demonstrate appropriate and safe practices in various two-dimensional media, three-dimensional media, and computer-based studio environments.
- 2. Present, explain and justify their conceptual design solutions using the vocabulary of design elements and principles, and critique the solutions of others in a thoughtful, constructive manner.
- 3. Research and synthesize examples of historical and cultural products with their own ideas in order to improve their creative and conceptualization processes.

Toggle

Program Requirements

A.A. Degree for Transfer

Required Courses

Required Courses for major (Total 27)

Complete all of the following

Required Courses for Major (Total 15)

Complete all of the following

[ART008 - Early Modern Art History \(1550 to 1920 CE\)](#) 3

[ART009 - Late Modern and Contemporary Art History \(1920 CE-Present\)](#) 3

[ART010 - Introduction to Two-Dimensional Concepts](#) 3

[ART011 - Three-Dimensional Design Concepts](#) 3

[ART020 - Introduction to Drawing](#) 3

List A: Required Courses for Major (Total 3)

Complete the following number of credits: 3

[ART016 - Asian Art History](#) 3

List B: Required Courses in Major. Select a total of 9 units. ART021 or ART030 is limited to one selection. (Total 9)

Complete the following number of credits: 9

[ART021 - Intermediate Drawing](#) 3

[ART030 - Figure Drawing](#) 3

[ART038 - Introduction to Printmaking](#) 3

[ART040 - Introduction to Painting 3](#)
[ART047 - Color Theory 3](#)
[ART066 - Introductory Hand-Built Ceramics 3](#)
[ART072 - Introduction to Digital Photography 3](#)
[ART250 - Introduction to Digital Art 3](#)

Three Dimensional Design Certificate of Achievement (COA)

Certificate of Achievement

[Print Page](#)

[Back to department listing](#)

Units:

18.0 units

The Three- Dimensional Design Certificate Program is designed to prepare students for transfer into three-dimensional design/fine arts fields at CSUs or UC's. It can also provide hands-on experience with materials for students who plan to transfer in fields such as engineering or architecture. In this program students will complete courses which provide experiences with 3D media such as ceramics and metal, which are required in sculpture and design programs at transfer institutions. In addition, this Certificate may provide, through the Three- Dimensional Design course, experience with a Makerspace (digitally programmed fabrication lab, when it becomes available). In this program students learn to generate ideas, design, fabricate, and complete projects, using traditional and contemporary materials and methods. This program can empower beginning-level or experienced students to design projects, and at six courses students can complete this certificate and have it to show potential employers or transfer institutions in two semesters.

Toggle

Program Learning Outcomes

- 1. Demonstrate appropriate and safe practices in digital photography, drawing and three-dimensional media, and computer-based studio environments for animation and 3D modeling.
- 2. Present, explain and justify their conceptual design solutions using the vocabulary of three dimensional design elements and principles, and critique the solutions of others in a thoughtful, constructive manner.
- 3. Research and synthesize historical and contemporary examples of three-dimensional design with their own ideas in order to improve their creative and conceptualization processes.

Toggle

Program Requirements

Certificate of Achievement

Required Courses for Major (Total 18)

Complete all of the following

[ART011 - Three-Dimensional Design Concepts](#) 3

[ART012 - Design Drawing](#) 3

[ART060 - Introductory Concepts of Sculpture](#) 3

[ART072 - Introduction to Digital Photography](#) 3

[ART086 - Animation and 3D Modeling](#) 3

Required Course for Major (Total 3)

Complete the following number of credits: 3

[ART062 - Introduction to Ceramic Sculpture](#) 3

[ART064 - Introduction to Ceramics Through the Pottery Wheel](#) 3

[ART066 - Introductory Hand-Built Ceramics](#) 3

Art History Associate of Arts Degree for Transfer (AA-T)

A.A. Degree for Transfer

[Print Page](#)

[Back to department listing](#)

Units:

60 units

The Art Department (Fine Arts, Art History, and Graphic Communications) provides comprehensive, coherent, integrated, and cumulative studies in foundation courses (2D, 3D, drawing and photography) intermediate studio courses (drawing, painting and ceramics), art appreciation and art history courses, as well as graphic communications courses (design, software-based illustration, page layout, photo manipulation and animation.) We offer students several pathways to success. These include a local A.A. degree with a focus in either fine arts or graphic communications, a certificate in graphic communications, and G.E. courses that meet transfer requirements to the U.C. or CSU systems. To achieve the Associate in Arts in Art History for Transfer to a CSU from Los Medanos College, students must (1) complete the 24 units of Art History degree major emphasis requirements; (2) fulfill requirements of either the CSU-General Education; and/or The Intersegmental General Education Transfer Curriculum (IGETC) (3) complete 60-semester units college transfer level units; and (4) obtain a minimum grade point average of 2.0. Note: students must earn a "C" or better in all courses required in the major area of emphasis. Students will be prepared to transfer with a broad and deep appreciation and knowledge of the academic discipline of art history, and the chronological and cultural developments that allow them to make connections between historical events and artistic products. Perhaps even more importantly, students will be prepared to practice the disciplines of critical thinking, analysis, and synthesis in reading and writing that they have been prepared for by the major and other transfer requirements. To earn the Associate Degree for Transfer: 1. Completion of 60 semester units or 90 quarter units of degree-applicable

courses, 2. Minimum overall grade point average of 2.0, 3. Minimum grade of “C” (or “P”) for each course in the major, and 4. Completion of IGETC and/or CSU GE-Breadth Certain ADTs are based on completion of IGETC for STEM or CSU GE-Breadth for STEM.

Toggle

Program Learning Outcomes

- 1. Read art-related historical texts and resource documents critically; synthesize their research and observational skills in order to communicate effectively as a writer and speaker.
- 2. Model and distinguish between differing art historical methodologies and approaches to problem-solving in related disciplines.
- 3. Make connections between artistic products and processes over time; observe how art informs culture and culture informs art in order to develop good critical and creative thinking skills.
- 4. Consider the ethical implications inherent in artistic patronage and artistic production.
- 5. Develop and demonstrate a worldview informed by diverse art and architectural products created in multiple historical, social, multicultural, and global environments.

Toggle

Program Requirements

A.A. Degree for Transfer

Required Courses

Required Courses for Major (Total 24)

Complete all of the following

Required Courses for Major (Total 15)

Complete all of the following

[ART006 - Ancient Art History \(to 350 CE\)](#) 3

[ART007 - Medieval and Renaissance Art History \(350 to 1550 CE\)](#) 3

[ART008 - Early Modern Art History \(1550 to 1920 CE\)](#) 3

[ART009 - Late Modern and Contemporary Art History \(1920 CE-Present\)](#) 3

[ART020 - Introduction to Drawing](#) 3

List A- Select One Course (Total 3)

Complete the following number of credits: 3

[ART016 - Asian Art History](#) 3

[ART018 - Indigenous Americas Art History](#) 3

List B- Select One Course (Total 3)

Complete the following number of credits: 3

ART010 - Introduction to Two-Dimensional Concepts 3

ART011 - Three-Dimensional Design Concepts 3

ART030 - Figure Drawing 3

ART066 - Introductory Hand-Built Ceramics 3

ART072 - Introduction to Digital Photography 3

ART250 - Introduction to Digital Art 3

List C- Select One Course of Any Course Not Used In List A or List B (Total 3)

Complete the following number of credits: 3

ART005 - The Visual Arts 3

ART017 - American Art History 3

HUMAN019 - Ancient Humanities 3

HUMAN020 - Medieval and Renaissance Humanities 3

HUMAN021 - Early Modern Humanities 3

HUMAN022 - American Humanities 3

HUMAN024 - Shakespeare's English Kings 3

HUMAN030 - Modernist Paris: Artists and Intellectuals 3

Graphic Communications Associate of Arts Degree (AA)

A.A. Degree Local

[Print Page](#)

[Back to department listing](#)

Units:

60.0 units

For the Associate of Arts Degree, students must complete the units of coursework listed below as well as the General education requirements. Consult a Los Medanos College counselor to develop an education plan.

Toggle

Program Learning Outcomes

- 1. Demonstrate appropriate graphic design and computer studio practices.
- 2. Present, explain and justify their graphic design solutions using the vocabulary of art and design.
- 3. Research and use examples of historical and cultural products to inform their creative process in graphic design.

Toggle

Program Requirements

A.A. Degree Local

Required Courses in Major (Total 30)

Complete all of the following

Required Courses in Major (Total 15)

Complete all of the following

ART005 - The Visual Arts 3

ART010 - Introduction to Two-Dimensional Concepts 3

ART012 - Design Drawing 3

ART047 - Color Theory 3

ART250 - Introduction to Digital Art 3

Required Courses in Major (Total 3)

Complete the following number of credits: 3

ART006 - Ancient Art History (to 350 CE) 3

ART007 - Medieval and Renaissance Art History (350 to 1550 CE) 3

ART008 - Early Modern Art History (1550 to 1920 CE) 3

ART009 - Late Modern and Contemporary Art History (1920 CE-Present) 3

ART016 - Asian Art History 3

ART017 - American Art History 3

ART018 - Indigenous Americas Art History 3

Elective Courses in Major (Total 12)

Complete the following number of credits: 12

ART014 - Typogrph:Aesths/Applctn/Hstry 3

ART015 - Graphic Design 3

ART025 - Advertising, Marketing and Publication Design 3

ART050 - Designing with Adobe InDesign 3

ART054 - Adobe Photoshop 3

ART057 - Designing with Adobe Illustrator 3

ART058 - Designing for the Web 3

ART072 - Introduction to Digital Photography 3

ART074 - Photo II: Developing a Personal Vision 3

ART075 - Documentary Photography 3

ART084 - Motion Graphics and Video Editing 3

ART085 - Introduction to Animation 3

ART086 - Animation and 3D Modeling 3

Fine Arts Associate of Arts Degree (AA)

A.A. Degree Local

[Print Page](#)

[Back to department listing](#)

Units:

60.0 units

For the Associate of Arts Degree, students must complete the units of coursework listed below as well as the General education requirements. Consult a Los Medanos College counselor to develop an education plan.

Toggle

Program Learning Outcomes

- 1. Demonstrate appropriate studio practice.
- 2. Present, explain and justify their design solutions using the vocabulary of art and design.
- 3. Research and use examples of historical and cultural products to inform their creative process.

Toggle

Program Requirements

A.A. Degree Local

Required Courses in Major (Total 30)

Complete all of the following

ART005 - The Visual Arts 3

ART010 - Introduction to Two-Dimensional Concepts 3

ART011 - Three-Dimensional Design Concepts 3

ART020 - Introduction to Drawing 3

ART047 - Color Theory 3

Required Courses in Major (Total 3)

Complete the following number of credits: 3

ART006 - Ancient Art History (to 350 CE) 3

ART007 - Medieval and Renaissance Art History (350 to 1550 CE) 3

ART008 - Early Modern Art History (1550 to 1920 CE) 3

ART009 - Late Modern and Contemporary Art History (1920 CE-Present) 3

ART016 - Asian Art History 3

ART017 - American Art History 3

ART018 - Indigenous Americas Art History 3

Required Elective Courses for Major (Total 12)

Complete the following number of credits: 12

ART021 - Intermediate Drawing 3

ART030 - Figure Drawing 3

ART038 - Introduction to Printmaking 3

ART040 - Introduction to Painting 3

ART041 - Intermediate Painting 3

ART060 - Introductory Concepts of Sculpture 3

ART062 - Introduction to Ceramic Sculpture 3

ART063 - Intermediate Ceramic Sculpture 3

ART064 - Introduction to Ceramics Through the Pottery Wheel 3

ART065 - Intermediate Ceramics Through the Pottery Wheel 3

[ART072 - Introduction to Digital Photography 3](#)
[ART074 - Photo II: Developing a Personal Vision 3](#)
[ART075 - Documentary Photography 3](#)

Photography, Certificate of Achievement

Certificate of Achievement

[Print Page](#)

[Back to department listing](#)

Units:

9.0 units

The Certificate of Achievement in Photography is designed to prepare students for transfer into commercial art, graphic design, or the fine arts fields, such as the Photography BA at SFSU, or the Graphic Design BA at SJSU. The certificate is designed to help you be able to show an emphasis in photography that may not be reflected in your Certificate of Achievement in Graphic Communications, AA, or transfer degree. This program can empower you to develop your artistic vision through photography and with three courses, you can complete this certificate and have it to show potential employers or transfer institutions in 1-2 years.

Toggle

Program Learning Outcomes

Toggle

Program Requirements

Certificate of Achievement

Required Courses (Total 9)

Complete all of the following

[ART019 - History of Photography 3](#)
[ART072 - Introduction to Digital Photography 3](#)
[ART074 - Photo II: Developing a Personal Vision 3](#)

Graphic Communications Certificate of Achievement (COA)

Certificate of Achievement

[Print Page](#)

[Back to department listing](#)

Units:

30.0 units

For the Certificate of Achievement in Graphic Communications, complete 30 units of coursework listed below. Consult a Los Medanos College counselor to develop your education plan.

Toggle

Program Learning Outcomes

- 1. Demonstrate appropriate graphic design and computer studio practices.
- 2. Present, explain and justify their graphic design solutions using the vocabulary of art and design.
- 3. Research and use examples of historical and cultural products to inform their creative process in graphic design.

Toggle

Program Requirements

Certificate of Achievement

Required Courses in Major (Total 30)

Complete all of the following

[ART005 - The Visual Arts](#) 3

[ART010 - Introduction to Two-Dimensional Concepts](#) 3

[ART012 - Design Drawing](#) 3

[ART047 - Color Theory](#) 3

[ART250 - Introduction to Digital Art](#) 3

Elective Courses for Major (Total 12)

Complete the following number of credits: 12

[ART014 - Typogrph:Aesths/Appletn/Hstry](#) 3

[ART015 - Graphic Design](#) 3

[ART025 - Advertising, Marketing and Publication Design](#) 3

[ART050 - Designing with Adobe InDesign](#) 3

[ART054 - Adobe Photoshop](#) 3

[ART057 - Designing with Adobe Illustrator](#) 3

[ART058 - Designing for the Web](#) 3

[ART072 - Introduction to Digital Photography](#) 3

[ART074 - Photo II: Developing a Personal Vision](#) 3

[ART075 - Documentary Photography](#) 3

[ART084 - Motion Graphics and Video Editing](#) 3

[ART085 - Introduction to Animation](#) 3

[ART086 - Animation and 3D Modeling](#) 3

Required Courses for Major (Total 3)

Complete the following number of credits: 3

[ART006 - Ancient Art History \(to 350 CE\) 3](#)

[ART007 - Medieval and Renaissance Art History \(350 to 1550 CE\) 3](#)

[ART008 - Early Modern Art History \(1550 to 1920 CE\) 3](#)

[ART009 - Late Modern and Contemporary Art History \(1920 CE-Present\) 3](#)

[ART016 - Asian Art History 3](#)

[ART017 - American Art History 3](#)

[ART018 - Indigenous Americas Art History 3](#)

Graphic Communications Certificate of Achievement (COA)

Certificate of Achievement

[Print Page](#)

[Back to department listing](#)

Units:

30.0 units

For the Certificate of Achievement in Graphic Communications, complete 30 units of coursework listed below. Consult a Los Medanos College counselor to develop your education plan.

Toggle

Program Learning Outcomes

- 1. Demonstrate appropriate graphic design and computer studio practices.
- 2. Present, explain and justify their graphic design solutions using the vocabulary of art and design.
- 3. Research and use examples of historical and cultural products to inform their creative process in graphic design.

Toggle

Program Requirements

Certificate of Achievement

Required Courses in Major (Total 30)

Complete all of the following

[ART005 - The Visual Arts 3](#)

[ART010 - Introduction to Two-Dimensional Concepts 3](#)

[ART012 - Design Drawing 3](#)

ART047 - Color Theory 3

ART250 - Introduction to Digital Art 3

Elective Courses for Major (Total 12)

Complete the following number of credits: 12

ART014 - Typogrph:Aesths/Appcltn/Hstry 3

ART015 - Graphic Design 3

ART025 - Advertising, Marketing and Publication Design 3

ART050 - Designing with Adobe InDesign 3

ART054 - Adobe Photoshop 3

ART057 - Designing with Adobe Illustrator 3

ART058 - Designing for the Web 3

ART072 - Introduction to Digital Photography 3

ART074 - Photo II: Developing a Personal Vision 3

ART075 - Documentary Photography 3

ART084 - Motion Graphics and Video Editing 3

ART085 - Introduction to Animation 3

ART086 - Animation and 3D Modeling 3

ART087 - 3D Texturing and Lighting 3

Required Courses for Major (Total 3)

Complete the following number of credits: 3

ART006 - Ancient Art History (to 350 CE) 3

ART007 - Medieval and Renaissance Art History (350 to 1550 CE) 3

ART008 - Early Modern Art History (1550 to 1920 CE) 3

ART009 - Late Modern and Contemporary Art History (1920 CE-Present) 3

ART016 - Asian Art History 3

ART017 - American Art History 3

ART018 - Indigenous Americas Art History 3

ART-003 Art Studio Practice

Units: 1.5

[Print Page](#)

[Back to department listing](#)

Description:

In this course students will learn to create projects using the two-and-two-and-three-dimensional media labs, using materials such as clay, plaster, and mixed media. Processes and tool use will be explained, demonstrated, and discussed in order to help students safely and successfully produce projects based on assigned problems and/or individualized creative plans. Students will improve their skills and will research and apply contemporary and historical examples and methods for creating their projects. Students will learn and apply the vocabulary of the elements and principles of design, and fine arts vocabulary, to their projects.

Requisites:

Advisory

[ART005 - The Visual Arts](#)

Advisory

Art History classes; or other Studio Arts Class

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Demonstrate appropriate and safe practices in beginning level processes of two and three dimensional media such as clay, plaster, and mixed media. (PSLO 1)
- 2. Present, explain and justify their strategies for solving beginning two-and-three-dimensional media problems, and constructively critique the solutions of their classmates, using beginning design vocabulary such as texture, volume, mass, balance, and scale. (PSLO 2)
- 3. Research and synthesize examples of assigned and some student-choice historical and contemporary art with their own ideas in order to inform their projects. (PSLO 3)

Grade Options:

- Pass/No Pass
- Letter Grade methods

Toggle

Units and Hours**Minimum Credit Units**

1.5

Maximum Credit Units

1.5

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

18.0

Lab Hours

36.0

Activity Hours

0.0

ART-005 The Visual Arts

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

An interdisciplinary course that focuses on the creative process. Course content provides an overview of visual art from a variety of cultures looked at via thematic and technical perspectives. Learning and using the vocabulary of design to analyze and evaluate art is also emphasized. Meets Creative Art Requirement for general education.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 3A: Arts

LMC Standard AA/AS - General Education Requirements:

- C. Arts & Humanities

CSU - General Education - Breadth Requirements:

- Area C1: Arts

Student Learning Outcomes:

- 1. Read critically and communicate effectively as a writer and speaker about visual art in general and individual artists in particular, describing works by those artists using the elements and principles of design.
- 2. Demonstrate critical and creative thinking in planning and creating a course project, or in formulating a proposal for a work of public art.
- 3. Demonstrate understanding of connections among disciplines and apply interdisciplinary approaches to problem solving, in researching, planning and creating a course project.
- 4. Demonstrate knowledge of diverse contemporary and historical themes in visual art by researching and explaining the cultural context and significance of artworks observed in reproduction and in person in local museums and galleries.
- 5. Consider the ethical implications inherent in knowledge about visual art, decision-making about visual art, and action in the visual arts field.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

3.0

Lab Hours

0.0

Activity Hours

0.0

ART-006 Ancient Art History (to 350 CE)

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

An integrated, interdisciplinary survey of art as an aspect of cultures and civilizations from Europe, Africa and Western Asia, focusing on the Prehistoric period to 350 C.E. Investigates how art and architecture reflect the religious, political and philosophical perspectives of the artists and societies that created them, including Egypt, Mesopotamia, the Ancient Aegean, Greece and Rome.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 3A: Arts

CSU - General Education - Breadth Requirements:

- Area C1: Arts

LMC Standard AA/AS - General Education Requirements:

- C. Arts & Humanities

C-ID:

- Art History

Comparable course: ARTH 110

Student Learning Outcomes:

- 1. Read critically and communicate effectively as a writer and speaker on artistic expression as cultural statements within the political, philosophical and religious contexts of prehistoric and ancient society and relate them to our contemporary world. (GESLO 1, PSLO 1)
- 2. Demonstrate an interdisciplinary approach to art historical methodological problem solving by synthesizing textual resources, source documents and observations of visual artistic works to present, discuss and illuminate similarities and differences between works of art and architecture; further, to address cultural points of view expressed by those works in political, philosophical and religious contexts. (GESLO 2, PSLO 2)
- 3. Think critically and creatively about the intellectual, spiritual, cultural, economic and political issues that define the ancient era generally, and specifically in terms of art and architecture. (GESLO 3, PSLO 3)
- 4. Infer and synthesize the defining characteristics of geographical, political and cultural units in terms of art and the purposes to which it was put in the timeframe and regions covered in the course. (GESLO 4, PSLO 3, 4)
- 5. Develop a coherent view of the ancient world informed by the diverse perspectives of opposing ethnic groups, orthodox and heretical religious groups, political rulers and groups, economic and social classes in the hierarchies of the period. Further, to discuss the manner in which art reflected those perspectives. (GESLO 5, PSLO 5)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours**Lecture Hours**

54.0

Lab Hours

0.0

Activity Hours

0.0

ART-007 Medieval and Renaissance Art History (350 to 1550 CE)

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

An integrated, interdisciplinary survey of art as an aspect of cultures and civilizations in Europe 350 to 1550 C.E. An interdisciplinary course that investigates how art and architecture reflect the religious, political and philosophical perspectives of the artists and societies that created them.

Includes Late Roman, Byzantine, Early Medieval, Romanesque, Gothic, Late Gothic and Renaissance periods.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 3A: Arts

CSU - General Education - Breadth Requirements:

- Area C1: Arts

LMC Standard AA/AS - General Education Requirements:

- C. Arts & Humanities

C-ID:

- Art History

Comparable course: ARTH 110

Student Learning Outcomes:

- 1. Read critically and communicate effectively as a writer and speaker on artistic expression as cultural statements within the political, philosophical and religious contexts of Medieval and Renaissance society and relate them to our contemporary world. (GESLO1, PSLO 2)
- 2. Demonstrate an interdisciplinary approach to art historical methodological problem solving by synthesizing textual resources, source documents and observations of visual artistic works to present, discuss and illuminate similarities and differences between works

of art and architecture; further, to address cultural points of view expressed by those works in political, philosophical and religious contexts. (GESLO 2, PSLO 2)

- 3. Think critically and creatively about the intellectual, spiritual, cultural, economic and political issues that define the Medieval and Renaissance periods generally, and specifically in terms of art and architecture. (GESLO 3, PSLO 3)
- 4. Infer and synthesize the defining characteristics of geographical, political and cultural units in terms of art and the purposes to which it was put in the timeframe and regions covered in the course. (GESLO 4, PSLO 3, 4)
- 5. Develop a coherent view of the Medieval/Renaissance world informed by the diverse perspectives of opposing ethnic groups, orthodox and heretical religious groups, political rulers and groups, economic and social classes in the hierarchies of the period. Further, to discuss the manner in which art reflected those perspectives. (GESLO 5, PSLO 5)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

ART-008 Early Modern Art History (1550 to 1920 CE)

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

Presents art as an aspect of cultures and civilizations from Western Europe and the United States, focusing on the period from 1550 to 1920. An interdisciplinary course that investigates how art and architecture reflect the religious, political and philosophical perspectives of the artists and societies that created them. Includes Baroque, Neoclassical, Romantic, Realist, Impressionist, Post-Impressionist and Early Modern Art.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 3A: Arts

CSU - General Education - Breadth Requirements:

- Area C1: Arts

LMC Standard AA/AS - General Education Requirements:

- C. Arts & Humanities

Student Learning Outcomes:

- 1. Read critically and communicate effectively as a writer and speaker on artistic expression as cultural statements within the political, philosophical and religious contexts of Modern society and relate them to our contemporary world. (GESLO 1, PSLO 1)
- 2. Demonstrate an interdisciplinary approach to art historical methodological problem solving by synthesizing textual resources, source documents and observations of visual artistic works to present, discuss and illuminate similarities and differences between works of art and architecture; further, to address cultural points of view expressed by those works in political, philosophical and religious contexts. (GESLO 2, PSLO 2)
- 3. Think critically and creatively about the intellectual, spiritual, cultural, economic and political issues that define the Modern period generally, and specifically in terms of art and architecture. (GESLO 3, PSLO 3)
- 4. Infer and synthesize the defining characteristics of geographical, political and cultural units in terms of art and the purposes to which it was put in the timeframe and regions covered in the course.(GESLO 4, PSLO 3, 4)
- 5. Develop a coherent view of the Modern world informed by the diverse perspectives of opposing ethnic groups, orthodox and heretical religious groups, political rulers and groups, economic and social classes in the hierarchies of the period. Further, to discuss the manner in which art reflected those perspectives. (GESLO 5, PSLO, 5)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

ART-009 Late Modern and Contemporary Art History (1920 CE-Present)

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

Presents art as an aspect of Western Europe and the United States, focusing on the period from 1920 to the present. An interdisciplinary course that investigates how art and architecture reflect the religious, political and philosophical perspectives of the artists and societies that created them. Meets Arts and Humanities requirement for general education.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 3A: Arts

LMC Standard AA/AS - General Education Requirements:

- C. Arts & Humanities

CSU - General Education - Breadth Requirements:

- Area C1: Arts

Student Learning Outcomes:

- 1. Read critically and communicate effectively as a writer and speaker about Modern, Post Modern and Contemporary Art in general and individual artists in particular, describing works by those artists using the elements and principles of design. (Aligns with GE SLO #1, AAT PSLO#1)
- 2. Demonstrate understanding of connections among disciplines and apply interdisciplinary approaches to problem solving, in researching, planning and creating a course project. (Aligns with GE SLO #2, AAT PSLO#2)
- 3. Demonstrate critical and creative thinking in planning and creating a course project, or in formulating a proposal for a work of public art. (Aligns with GE SLO #3, AAT PSLO#3)
- 4. Consider the ethical implications inherent in knowledge about modern, post-modern and contemporary visual art, decision-making about modern, post-modern and contemporary visual art, and action in the modern, post-modern and contemporary visual arts field. (Aligns with GE SLO #4, AAT PSLO#4)
- 5. Demonstrate knowledge of diverse contemporary and historical themes in modern, post-modern and contemporary visual art by researching and explaining the cultural context and significance of artworks observed in reproduction and in person in local museums and galleries. (Aligns with GE SLO #5, AAT PSLO#5)

Grade Options:

- Letter Grade methods

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

3.0

Lab Hours

0.0

Activity Hours

0.0

ART-010 Introduction to Two-Dimensional Concepts

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This is a foundational art course. It presents the process and discipline of design as applied in two-dimensional forms such as drawing, painting and collage. Focus is placed on the methods, tools and materials of two-dimensional form presented in current day, historical and cultural contexts. This course is an in-depth exploration of the visual elements, including line, shape, space, texture and value.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

C-ID:

- Studio Arts

Comparable course: ARTS 100

Student Learning Outcomes:

- 1. Demonstrate appropriate and safe practices in the processes of two-dimensional design, such as using marker, painting, and collage art using the basic principles of design (line, shape, value, etc.). (PSLO 1)
- 2. Students will present, explain and justify their conceptual strategies for visual problem solving using the vocabulary of the elements and principles of two-dimensional design, and critique the solutions of their classmates. Elements such as line, shape, space, value, and texture. Principles such as unity/variety, visual balance and symmetry, rhythm, and focal point. (PSLO 2)
- 3. Through class presentations, critiques, museum visits, and their own research, students will identify and discuss specific examples of two-dimensional design, for example how positive and negative space create composition, and how they used this information in order to improve the concepts and creativity of their projects. (PSLO 3)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

108.0

Course in class (contact) hours**Lecture Hours**

36.0

Lab Hours

72.0

Activity Hours

0.0

ART-011 Three-Dimensional Design Concepts

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is an introduction to the methods and materials of three-dimensional modeling, including construction in planar materials, both soft and rigid; forming frameworks with wire and other linear materials, modeling, carving, and casting using clay and plaster, and using found materials. This is a foundation course, presenting the fundamentals of design upon which all other courses are based, transferable to UC and CSU, and is required for all art majors.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

C-ID:

- Studio Arts

Comparable course: ARTS 101

Student Learning Outcomes:

- 1. Demonstrate appropriate and safe practices in the processes of three dimensional design such as using a laser cutter with construction in planar materials; forming frameworks with wire and other linear materials, modeling, carving, and casting, or using a 3D printer. (PSLO 1)
- 2. Students will present, explain and justify their conceptual strategies for visual problem solving using the vocabulary of the elements and principles of design, and critique the solutions of their classmates. Elements such as color, shape, mass/volume, space, line, texture, and time, principles such as unity/variety, visual balance and symmetry, rhythm, and focal point. (PSLO 2)
- 3. Through class presentations, critiques, museum visits, and their own research, students will identify and discuss specific examples of three dimensional design and how they used this information in order to improve the concepts and creativity of their projects. (PSLO 3)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

108.0

Course in class (contact) hours

Lecture Hours

2.0

Lab Hours

4.0

Activity Hours

0.0

ART-012 Design Drawing

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

An art foundation course that introduces drawing as a visualization tool used in the process of design. Focuses on perspective drawing as a means to build the skills necessary for rapid and intuitive, but accurate drawing with application to two or three-dimensional design and problem solving, particularly useful for students eventually transferring to major in product, environmental/architectural and graphic design. Required foundation course for art majors and Certificate of Achievement in Graphic Communications.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: To demonstrate attentive and focused studio practice by coming to class prepared with complete preparation (reading, sketches, supplies and media). To demonstrate readiness to draw by following established protocols. (PSLO A)

- CSLO 2: To meet all deadlines of assigned exercises and projects, and as directed, students will present, explain and justify their conceptual strategies for visual problem solving with regard to contrast, repetition, alignment and proximity, and critique the solutions of their classmates relative to the same principles of composition that will successfully communicate to their intended target audience, using terminology that is used in the course and across the art and design curriculum. (PSLO B)
- CSLO 3: In completing advanced assignments beyond the basic principles of perspective, students will demonstrate their ability to research historical examples of interior design and architecture, contextualizing their work in both historical and contemporary examples. In written and oral responses to video and digital examples displayed in class, students will share and discuss their perceptions. (PSLO C)

Grade Options:

- Pass/No Pass
- Letter Grade methods

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

108.0

Course in class (contact) hours

Lecture Hours

2.0

Lab Hours

4.0

Activity Hours

0.0

ART-014 Typography: Aesthetics, Application, and History

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

Effective visual communication depends upon clear, appropriate, and functional typography. This course facilitates an understanding of the effects produced by fonts and typographic techniques used in contemporary visual design. Students will learn a historical overview of typography and explore the formal qualities of characters and typefaces through a range of theoretical and applied projects, utilizing a combination of traditional and digital media.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Demonstrate and apply appropriate typography to successfully communicate messages in graphic design using industry-standard applications.
- 2. Students will present, explain and justify their conceptual graphic design solutions and strategies in visual problem solving using the vocabulary and the elements and principles of typography, and critique the solutions of their classmates.

- 3. Through class presentations, critiques, site visits, and their own research, students will identify and discuss typography styles and commonly-used fonts in order to improve the concepts and creativity of their projects.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

108.0

Course in class (contact) hours**Lecture Hours**

36.0

Lab Hours

72.0

Activity Hours

0.0

ART-015 Graphic Design

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

Studies and practice in two dimensional graphic design with emphasis on the definition, research and solution of applied design problems. Special emphasis will be placed on conceptualizing and integrating visual and verbal information into unified communication concepts. Course work will also address design history and explore career areas within the graphic communications industry, and will include portfolio preparation, career possibilities and professional practices in the business world. Course assignments progressively develop the skills necessary to develop, visualize and execute concepts as finished art.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Demonstrate appropriate and safe practices within a computer-based studio environments, such as software usage, graphic design conceptual solutions, and problem solving that transforms graphics into communication, along with the basic elements and principles of design. (PSLO 1)
- 2. Students will present, explain and justify their conceptual graphic design solutions and strategies for visual problem solving using the vocabulary of the elements and principles of design, and critique the solutions of their classmates. Elements such as line, shape, space, value, and texture. Principles such as unity/variety, visual balance and symmetry, rhythm, and focal point. (PSLO 2)
- 3. Through class presentations, critiques, site visits, and their own research, students will identify and discuss specific examples of conceptual graphic design solutions and how they used this information in order to improve the concepts and creativity of their projects. (PSLO 3)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

108.0

Course in class (contact) hours

Lecture Hours

36.0

Lab Hours

72.0

Activity Hours

0.0

ART-016 Asian Art History

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

An integrated, interdisciplinary survey of art as an aspect of cultures and civilizations from Southern and Eastern Asia, including India, China, Japan and Korea from prehistory through the present day.

Investigates how art and architecture reflect the religious, political and philosophical perspectives of the artists and societies that created them.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

LMC Standard AA/AS - General Education Requirements:

- C. Arts & Humanities

CSU - General Education - Breadth Requirements:

- Area C2: Humanities

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 3A: Arts

Student Learning Outcomes:

- 1. Students will be able to read critically and communicate effectively as a writer and speaker on the cultural characters of non-Western civilization in Southern and Eastern Asia, focusing on art, architecture, religion and political systems as developed in India, China, Japan and Korea from prehistory to the present day. (Aligns with GE SLO #1, AAT PSLO#1)
- 2. Students will be able to demonstrate an interdisciplinary approach to problem solving by synthesizing researched textual resources, historical documents, and critical commentary with personal observation of cultural and artistic factors. (Aligns with GE SLO #2, AAT PSLO#2)
- 3. Students will be able to think critically and creatively about the intellectual, spiritual, cultural and political issues that define non-Western Asian societies through observation of

cultural products as well as creative exploration of Asian artistic media and techniques in creating a personally expressive artistic product. (Aligns with GE SLO #3, AAT PSLO#3)

- 4. Students will be able to consider the ethical aspects of non-Western cultures and civilizations and how artistic products created there reflect their differing religious and political worldviews. (Aligns with GE SLO #4, AAT PSLO#4)
- 5. Students will be able to diversify and expand their experience and knowledge of cultures and civilizations that differ from the traditional Western worldview. (Aligns with GE SLO #5, AAT PSLO#5)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

ART-017 American Art History

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

An integrated, interdisciplinary survey of art as an aspect of American art and culture from the Colonial period to the present day. Investigates how American art and architecture reflect the religious, political and philosophical perspectives of the artists and societies that created them.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

LMC Standard AA/AS - General Education Requirements:

- C. Arts & Humanities

CSU - General Education - Breadth Requirements:

- Area C2: Humanities

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 3B: Humanities

:

Student Learning Outcomes:

- 1. Read critically and communicate effectively as a writer and speaker on the cultural character of American history, culture and civilization, focusing on art, architecture, religion and political systems as developed from the Colonial period through the present. (PSLO 1)

- 2. Demonstrate an interdisciplinary approach to problem solving by synthesizing researched textual resources, historical documents, and critical commentary with personal observation of cultural and artistic factors. (PSLO 1)
- 3. Think critically and creatively about the intellectual, spiritual, cultural and political issues that define American society through observation of historical cultural products as well as creative exploration of American artistic media and techniques in creating a personally expressive artistic product. (PSLO 3)
- 4. Consider the ethical aspects of American culture and civilization and how artistic products created here reflect our diverse political, economic, social, historical, religious and political identities. (PSLO 4)
- 5. Develop a worldview that is informed by the complexity of American identity based on recognizing the diverse multicultural roots of our nation. (PSLO 5)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

ART-018 Indigenous Americas Art History

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

An integrated, interdisciplinary survey of art as an aspect of cultures and civilizations from the indigenous North, Central and South Americas from prehistory through the present day. Investigates how art and architecture reflect the religious, political and philosophical perspectives of the artists and societies that created them.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

LMC Standard AA/AS - General Education Requirements:

- C. Arts & Humanities

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 3B: Humanities

CSU - General Education - Breadth Requirements:

- Area C2: Humanities

Student Learning Outcomes:

- 1. Students will be able to read critically and communicate effectively as a writer and speaker on the cultural characters of indigenous cultures and civilizations that developed and flourished prior to the age of the European discovery of the Americas as well as the aftermath of the Spanish conquest, focusing on art, architecture, religion and political systems as developed in North, Central, and South American regions from prehistory through the present-day. (Aligns with GE SLO #1, AAT PSLO#1)
- 2. Students will be able to demonstrate an interdisciplinary approach to problem solving by synthesizing researched textual resources, historical documents, and critical commentary with personal observation of cultural and artistic factors regarding the visual culture of the indigenous Americas. (Aligns with GE SLO #2, AAT PSLO#2)
- 3. Students will be able to think critically and creatively about the intellectual, spiritual, cultural and political issues that define indigenous American cultures and civilizations through observation of cultural products as well as creative exploration of indigenous Americans' artistic media and techniques in creating personally expressive artifacts and architectural projects. (Aligns with GE SLO #3, AAT PSLO#3)
- 4. Students will be able to consider the ethical aspects of non-Western cultures and civilizations and how artistic products created in the indigenous Americas reflect their differing religious, societal and political world views. (Aligns with GE SLO #4, AAT PSLO#4)
- 5. Students will be able to diversify and expand their experience and knowledge of cultures and civilizations that differ from the traditional Western worldview. (Aligns with GE SLO #5, AAT PSLO#5)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

ART-019 History of Photography

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course will examine the history of photography from its invention to the present and will address technical, artistic, and social underpinnings of the art and science of photography. This course will discuss processes, the work of major photographers, aesthetic movements, and artist groups that shaped the course of the medium, and how these influenced the course of history.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

LMC Standard AA/AS - General Education Requirements:

- C. Arts & Humanities

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 3A: Arts
- Area 3B: Humanities

CSU - General Education - Breadth Requirements:

- Area C1: Arts
- Area C2: Humanities

Student Learning Outcomes:

- 1. Read course material critically and communicate effectively as a writer and a speaker by analyzing significant technical developments, ideologies, aesthetic trends, and practitioners in the history of photography. (GESLO 1)
- 2. Understand connections among various photographic movements by comparing and contrasting the meaning of photographic images and visual strategies to produce that meaning. (GESLO 2)
- 3. Think critically and creatively to describe, interpret, evaluate, and emulate historical photographs. (GESLO 3)
- 4. Consider the ethical implications inherent in photographs decision-making, choice of subject, intentions, and selections. (GESLO 4)
- 5. Analyze the significance of photographs as a prime conveyor of information about the norms, values, behaviors etc. of our society and world. (GESLO 5)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

3.0

Lab Hours

0.0

Activity Hours

0.0

ART-020 Introduction to Drawing

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This is a studio art course that focuses on basic drawing skills and the conventions of representational, two-dimensional art. Line, shape, value, texture, illusionistic depth, and the figure will be explored using various dry and wet drawing media. Emphasis will be on fundamental skills that the student can use in the development of a personal approach to drawing. Lectures will reflect contemporary and historical uses of drawing and its various applications within the wider field of art.

Requisites:

Advisory

[ART010 - Introduction to Two-Dimensional Concepts](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

C-ID:

- Studio Arts

Comparable course: ARTS 110

Student Learning Outcomes:

- CSLO 1: Demonstrate appropriate and safe practices in wet and dry drawing media, including graphite, ink, charcoal, and conté crayon. (PSLO 1 and 2)
- CSLO 2: Present, explain and justify their conceptual strategies for solving visual design problems using the vocabulary of design elements and principles, specifically drawing, and critique the solutions of others. (PSLO 2 and 3)
- CSLO 3: Research and synthesize examples of historical and cultural products in order to successfully execute a variety of drawings that address the aesthetic and technical issues involving line, value, composition, and perspective and their relationship to the conventions of representational drawing. (PSLO 1, 2 and 3)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

108.0

Course in class (contact) hours**Lecture Hours**

36.0

Lab Hours

72.0

Activity Hours

0.0

ART-021 Intermediate Drawing

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This is a studio art course where students begin to use their foundational skills to develop a personal approach to drawing. Line, form, value, texture, and spatial manipulation will be further explored using various dry and wet drawing media, as well as mixed media. Theory and concepts in drawing, such as abstraction, are introduced. Slides and lectures will reflect contemporary and historical uses of drawing as an art form.

Requisites:

Advisory

[ART020 - Introduction to Drawing](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

C-ID:

- Studio Arts

Comparable course: ARTS 205

Student Learning Outcomes:

- CSLO 1: Effectively use and apply wet and dry drawing media, including graphite, ink, charcoal, and conté crayon, as well as mixed media to personal projects. (PSLO 1 and 2)
- CSLO 2: Execute a variety of drawings that address aesthetic, technical, and conceptual issues in drawing. Develop a visual idea and execute a series of drawings that explores that idea. (PSLO 3 and 6)
- CSLO 3: Present and explain their own drawings, and constructively critique those of their peers, as well as those of historical and contemporary artists. (PSLO 4, 5 and 8)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

108.0

Course in class (contact) hours

Lecture Hours

36.0

Lab Hours

72.0

Activity Hours

0.0

ART-025 Advertising, Marketing and Publication Design

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

Studies and practice in the techniques, tools, materials and methodology of layout, including magazines, newspapers, books, brochures and advertisements. Coursework includes the design, layout and publishing of advertising and promotional materials for printed media, with emphasis on the requirements of working with clients, art directors, illustrators, photographers and production artists. Emphasis is placed on typography and its application, proofreading, and print specification. Instruction is computer-based using industry standard software.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Demonstrate appropriate and safe practices within a computer-based studio environments, such as software usage, advertising and marketing solutions, and problem solving that transforms information into printed advertising and marketing materials, along with the basic elements and principles of advertising design such as contrast, repetition, alignment and proximity. (PSLO 1)

- 2. Students will present, explain and justify their conceptual strategies for visual problem solving with regard to contrast, repetition, alignment and proximity, and critique the solutions of their classmates relative to the same principles. Within the critique they have evaluated whether the student work shows effective advertising and marketing strategies that correctly reach the intended target audience, while providing results for clients. (PSLO 2)
- 3. Through class presentations, critiques, site visits, and their own research, students will identify and discuss specific examples of advertising, marketing and publication design and how demographic, target audience and market share information were used to define the parameters of the project. They will explain how using an effective marketing message improved the advertising and marketing aspects of their projects. (PSLO 3)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

108.0

Course in class (contact) hours

Lecture Hours

36.0

Lab Hours

72.0

Activity Hours

0.0

ART-030 Figure Drawing

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This class is an introduction to drawing the figure from observation. The course will provide an introduction to anatomy, as well as historical and contemporary applications of the figure in context. Students will use a variety of media including charcoal, pastel, and brush and ink, while learning to apply descriptive and interpretive approaches to the human form.

Requisites:

Advisory

[ART012 - Design Drawing](#)

Advisory

[ART020 - Introduction to Drawing](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Effectively use and apply wet and dry drawing media, including graphite, ink, charcoal, and conté crayon. (PSLO 1 and 2)
- CSLO 2: Execute a variety of drawings that address the aesthetic and technical issues involving line, value, composition, and perspective. (PSLO 3 and 6)

- CSLO 3: Present and explain their own drawings and constructively critique those of other artists. (PSLO 4 and 5)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

108.0

Course in class (contact) hours

Lecture Hours

36.0

Lab Hours

72.0

Activity Hours

0.0

ART-032 Architectural History I: The World Before 1500CE

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

An integrated, interdisciplinary survey of architecture around the world from prehistory to 1500CE. An investigation into how built environments reflect and influence the religious, political and philosophical perspectives of the builders and societies that created them. Includes architecture from prehistory, the ancient Near East, Greece and Rome, South and Southeast Asia, China, early Islamic Empires, Medieval and Renaissance Europe, and Pre-Columbian America. Meets Arts and Humanities requirement for general education

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

LMC Standard AA/AS - General Education Requirements:

- C. Arts & Humanities

CSU - General Education - Breadth Requirements:

- Area C1: Arts

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 3A: Arts

Student Learning Outcomes:

- 1. Read critically and communicate effectively as a writer and speaker about architectural structures from prehistory to the 1500s in general and individual architects in particular, describing works by those architects using the elements and principles of design. (Aligns with GE SLO #1, AAT PSLO#1)
- 2. Demonstrate understanding of connections among disciplines and apply interdisciplinary approaches to problem solving, in researching, planning and creating a course project. (Aligns with GE SLO #2, AAT PSLO#2)

- 3. Demonstrate critical and creative thinking in planning and creating a course project, or in formulating a proposal for a needed structure in our community by addressing the impact architecture has on social interactions. (Aligns with GE SLO #3, AAT PSLO#3)
- 4. Consider the ethical implications inherent in knowledge about prehistoric to early modern architecture, decision-making about prehistoric to early modern architecture, and action in the prehistoric to the early modern architectural field. (Aligns with GE SLO #4, AAT PSLO#4)
- 5. Demonstrate knowledge of diverse contemporary and historical themes in prehistoric to early modern architecture by researching and explaining the cultural context and significance of structures observed in reproduction and in-person by visiting a local, architecturally significant structure. (Aligns with GE SLO #5, AAT PSLO#5)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

3.0

Lab Hours

0.0

Activity Hours

0.0

ART-033 Architectural History II: The World After 1500CE

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

An integrated, interdisciplinary survey of architecture around the world from 1500CE to present. An investigation into how built environments reflect and influence the religious, political and philosophical perspectives of the builders and societies that created them. Includes global architecture ranging from the Middle East, East and South Asia, Europe and the Americas from the early modern period to the present. Meets Arts and Humanities requirement for general education.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

LMC Standard AA/AS - General Education Requirements:

- C. Arts & Humanities

CSU - General Education - Breadth Requirements:

- Area C1: Arts

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 3A: Arts

Student Learning Outcomes:

- 1. Read critically and communicate effectively as a writer and speaker about architectural structures from the 1500s to the present day in general and individual architects in

particular, describing works by those architects using the elements and principles of design. (Aligns with GE SLO #1, AAT PSLO#1)

- 2. Demonstrate understanding of connections among disciplines and apply interdisciplinary approaches to problem solving, in researching, planning and creating a course project. (Aligns with GE SLO #2, AAT PSLO#2)
- 3. Demonstrate critical and creative thinking in planning and creating a course project, or in formulating a proposal for a needed structure in our community by addressing the impact architecture has on social interactions. (Aligns with GE SLO #3, AAT PSLO#3)
- 4. Consider the ethical implications inherent in knowledge about early-modern, modern and contemporary architecture, decision-making about early-modern, modern and contemporary architecture, and action in the early-modern, modern and contemporary architectural field. (Aligns with GE SLO #4, AAT PSLO#4)
- 5. Demonstrate knowledge of diverse contemporary and historical themes in early-modern, modern and contemporary architecture by researching and explaining the cultural context and significance of structures observed in reproduction and in-person by visiting a local, architecturally significant structure. (Aligns with GE SLO #5, AAT PSLO#5)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

3.0

Lab Hours

0.0

Activity Hours

0.0

ART-034 Islamic Art History

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

An integrated, interdisciplinary survey of art as an aspect of cultures and civilizations from the predominantly Islamic cultures and regions from the 7th century through the present day. Investigates how art and architecture reflect the religious, political and philosophical perspectives of the artists and societies that created them.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

LMC Local AA/AS - General Education Requirements:

- C. Arts & Humanities

CSU - General Education - Breadth Requirements:

- Area C2: Humanities

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 3A: Arts

CSU - General Education - Breadth Requirements:

- Area C1: Arts

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 3B: Humanities

Student Learning Outcomes:

- 1. Read critically and communicate effectively as a writer and speaker on the cultural characteristics of predominantly Islamic civilizations that developed and flourished by focusing on art, architecture, religion and political systems as developed globally from the 7th century through the present day. (GESLO 1, PSLO 1)
- 2. Demonstrate an interdisciplinary approach to problem solving by synthesizing researched textual resources, historical documents, and critical commentary with personal observation of cultural and artistic factors. (PSLO 2)
- 3. Create an object of artistic expression that demonstrates an understanding of traditional Islamic artistic media and techniques with personal significance (PSLO 3)
- 4. Consider the ethical aspects of non-European cultures and civilizations and how artistic products created there reflect their differing religious, societal and political worldviews. (GESLO 3, PSLO 4)
- 5. Diversify and expand their experience and knowledge of cultures and civilizations that differ from the traditional European-based worldview. (GESLO 4)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

ART-035 Themes in Mesoamerican Culture through Ceramics

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

Same as HUMAN-035. This class presents an integrated, interdisciplinary approach to aspects of Mesoamerican culture and civilization through art and history. In this broad context, students will investigate the intellectual, spiritual, cultural and political foundations of Mesoamerican culture. Students will also investigate the creative process of modern and contemporary Mesoamerican artists as well as reflect on and integrate these investigations into their own creative coursework and projects.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

CSU - General Education - Breadth Requirements:

- Area C1: Arts

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 3B: Humanities

LMC Standard AA/AS - General Education Requirements:

- C. Arts & Humanities

Student Learning Outcomes:

- 1. Read critically and communicate effectively as a writer and speaker on the cultures of Mesoamerica and describe aesthetic trends and relationships among cultures. (GESLO 1, PSLOs 1, 2, 3 and 5)
- 2. Demonstrate an interdisciplinary approach to problem solving by synthesizing source documents, imagery, and personal responses in designing projects and in writing critical thinking essays. (GESLO 2, PSLOs 1, 2, 3 and 5)
- 3. Think critically and creatively about history and the production of Mesoamerican art in order to describe the various design elements and principles used in Mesoamerican visual art and culture and create original work that is thematically and visually connected to Mesoamerican aesthetics. (GESLO 3, PSLOs 2, 3, 4, 5 and 6)
- 4. Analyze the social origins, implications, and ethics of colonization and conquest, and describe their impact on Mesoamerican culture and art. (GESLO 4, PSLOs, 2, 3, 5 and 6)
- 5. Develop an informed world view of Mesoamerican culture by investigating diverse social, cultural, political and historical perspectives in Mesoamerican art. (GESLO 5, PSLOs 2, 3, 5 and 6)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

81.0

Course in class (contact) hours

Lecture Hours

45.0

Lab Hours

36.0

Activity Hours

0.0

ART-038 Introduction to Printmaking

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This is an introductory course to the basic materials, equipment, and processes of printmaking. Students will learn about the history of printmaking, contemporary practices and its cultural influence. Students will make a wide range of prints in the four areas of printmaking, including relief, intaglio, planography and stencil. This class is open to beginning and advanced students.

Requisites:

Advisory

[ART010 - Introduction to Two-Dimensional Concepts](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Demonstrate appropriate and safe practices in the creation of prints in the four areas of printmaking; including relief, intaglio, planography and stencil.
- 2. Present, explain and justify their conceptual strategies for solving visual design problems using the vocabulary of design elements and principles, specifically prints, and critique the solutions of others.
- 3. Research and synthesize examples of historical and cultural products in order to successfully use the elements and principles of printmaking in their projects.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

108.0

Course in class (contact) hours

Lecture Hours

36.0

Lab Hours

72.0

Activity Hours

0.0

ART-040 Introduction to Painting

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

An introduction to the tools, materials and techniques of painting in oil and acrylic media. The student will select the medium of preference. This course emphasizes the process of painting, through rigorous exercises as well as longer-term assignments that apply principles presented in lectures and readings. Coursework includes studies and practice in a variety of subject matters and styles of painting, which may include still life, landscape, abstraction, fantasy, figure, and portrait studies, as well as the use of applied light and color theory, and composition. Lectures focus on painting from cultural, historical and contemporary perspectives.

Requisites:

Advisory

[ART010 - Introduction to Two-Dimensional Concepts](#)

Advisory

[ART012 - Design Drawing](#)

Advisory

[ART020 - Introduction to Drawing](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1) Students will appropriately choose from a variety of media, tools and supplies available to fine arts painters, how to make appropriate color choices.(e.g.) brushes, paints and mediums: acrylic and oil, palette knives, support surfaces.)PSLO 1
- 2) Present, explain and justify their conceptual design solutions using the vocabulary of painting and design elements and principles, and critique the solutions of others in a thoughtful, constructive manner. PSLO 2
- 3) Students will demonstrate their knowledge of the relationship of art history concepts to contemporary art practices by synthesizing examples of historical and contemporary painting with their own ideas, enabling them to develop a command of a variety of painting styles, subject matter and themes. PSLO 3

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

108.0

Course in class (contact) hours

Lecture Hours

2.0

Lab Hours

4.0

Activity Hours

0.0

ART-041 Intermediate Painting

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

Continuing studies and practices in tools, materials and techniques of painting in oil, acrylic and watercolor media at the intermediate level. Special emphasis will be placed on developing students' confidence and personal initiative through progressively more independent and complex activities and projects. Students will investigate painting from cultural, historical and contemporary perspectives.

Requisites:

Advisory

[ART010 - Introduction to Two-Dimensional Concepts](#)

Advisory

[ART012 - Design Drawing](#)

Advisory

[ART020 - Introduction to Drawing](#)

Advisory

[ART040 - Introduction to Painting](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Demonstrate appropriate and safe practices in the process of intermediate level acrylic and oil painting. Safe handling of paint, painting mediums and disposal of paint and painting materials, and clean up. (PSLO 1)
- 2. Present, explain and justify their strategies for solving intermediate level acrylic and oil painting problems, which may merge two or more techniques. Constructively critique the solutions of their classmates, using intermediate level design acrylic and oil painting vocabulary such as impasto, glazing, and handling of substrates. (PSLO 2)
- 3. Research and synthesize assigned or student-choice examples of traditional and contemporary cultural products with their own ideas in order to inform their intermediate level acrylic and oil painting and creative process in general. (PSLO 3)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

108.0

Course in class (contact) hours

Lecture Hours

2.0

Lab Hours

4.0

Activity Hours

0.0

ART-042 Introduction to Watercolor Painting

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

Fundamentals of watercolor tools, materials and techniques. Tools include brushes and palettes; materials, a variety of water-based media (including liquid and cake watercolor as well as gouache) and papers for painting; techniques address brushwork, color mixing and application as transparent washes and gradients or opaque bodycolor. Students will utilize the media in a variety of genres, including still life, landscape and students' choice of concepts. Historical examples also will be presented, discussed and researched.

Requisites:

Advisory

[ART010 - Introduction to Two-Dimensional Concepts](#)

Advisory

[ART020 - Introduction to Drawing](#)

Advisory

[ART040 - Introduction to Painting](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO#1 Develop safe and appropriate basic Watercolor skills including brushwork, techniques such as layering, flat and gradated washes, wet-on-wet technique and traditional Asian “notational style”, understanding and controlling color mixing with both transparent and opaque applications as well as Stretching watercolor paper using several methods 1) staple 2) paper tapes 3) stretcher bars (PSLO 1, 3)
- CSLO#2 Demonstrate creative problem-solving skills. Further develop skills in composition, value, color. Develop the ability to evaluate critically one’s own artwork and the work of others. (PSLO 1, 2, 3)
- CSLO#3 Gain a working knowledge of historical and contemporary watercolor painting through researching artists/examples and synthesizing these examples with their own work. (PSLO 2, 3)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

108.0

Course in class (contact) hours

Lecture Hours

36.0

Lab Hours

72.0

Activity Hours

0.0

ART-043 Intermediate Watercolor Painting

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

Continuing studies and practices in tools, materials and techniques of painting in watercolor media at the intermediate level. Special emphasis will be placed on developing students' confidence and personal initiative through progressively more independent and complex activities and projects. Students will investigate painting from cultural, historical and contemporary perspectives.

Requisites:

Advisory

[ART010 - Introduction to Two-Dimensional Concepts](#)

Advisory

[ART012 - Design Drawing](#)

Advisory

[ART020 - Introduction to Drawing](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Demonstrate appropriate and safe practices in the process of intermediate level of watercolor and gouache painting media. (PSLO 1)

- 2. Present, explain and justify their strategies for solving intermediate level of watercolor and gouache painting media problems, which may merge two or more techniques. Constructively critique the solutions of their classmates, using intermediate level design and of watercolor and gouache painting media vocabulary such as glazing, opaque media, and include drawing media. (PSLO 2)
- 3. Research and synthesize assigned student-choice examples of traditional and contemporary cultural products with their own ideas in order to inform their intermediate level of watercolor and gouache painting media projects and creative process in general. (PSLO 3)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

108.0

Course in class (contact) hours

Lecture Hours

2.0

Lab Hours

4.0

Activity Hours

0.0

ART-047 Color Theory

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

A study of the principles, theories, and applications of additive and subtractive color in two dimensions. Topics will include major historical and contemporary color systems, production of projects in applied color, and the elements of design as they apply to color.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

C-ID:

- Studio Arts

Comparable course: ARTS 270

Student Learning Outcomes:

- 1. Demonstrate appropriate and safe practices in the process of using design and color media.
- 2. Present, explain and justify their conceptual strategies for solving visual design problems using the vocabulary of design elements and principles, specifically color, and critique the solutions of others in a thoughtful, constructive manner.
- 3. Research and synthesize examples of historical and cultural products with their own ideas in order to successfully use the elements and principles of color theory in their projects.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

108.0

Course in class (contact) hours**Lecture Hours**

36.0

Lab Hours

72.0

Activity Hours

0.0

ART-050 Designing with Adobe InDesign

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is an exploration of concepts of publishing with specific application of Adobe InDesign layout software on the Apple Macintosh computer system. The course will review/cover basic operating procedures and will introduce the advanced capabilities of the current version of InDesign.

More than just learning about how to use the software, students will learn how to use it with a sense of design. Taught with an artistic rather than purely technical emphasis, this course provides visual training for non-artists and computer training for students already experienced in visual communications.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Organize and fully integrate visual and textual information into successful graphic design solutions (PSLO 3, 6,)
- CSLO 2: Use the principles of typography and the type tools in InDesign. (PSLO 3, 6,)
- CCLO 3: Demonstrate problem-solving skills during the conceptualization of graphic works. (PSLO 3, 6)
- CSLO 4: Demonstrate problem-solving skills working with the technical aspects of computer-based graphic design. (PSLO 1, 3, 6)
- CSLO 5: Critique the solutions of others in a positive, constructive manner. (PSLO 5, 8)
- CSLO 6: Organize and prepare a professional presentation. (PSLO 3, 4, 6,)
- CSLO 7: Choose file formats appropriate for InDesign input and output. (PSLO 3, 6)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

108.0

Course in class (contact) hours

Lecture Hours

36.0

Lab Hours

72.0

Activity Hours

0.0

ART-054 Adobe Photoshop

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

An introduction to computer image processing. Studies and practice in the design and execution of photo manipulation, graphics, artwork and illustration using Adobe Photoshop. Students will complete successive and cumulative exercises and projects based on current industry standards and expectations. Students will concentrate on solving problems based on their understanding the principles of image processing. Taught with both artistic and technical emphases, this course addresses the needs of the current graphic communications industry and students who presently are employed or seek employment in it.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Choose appropriate Photoshop tools and use them in an effective manner.
- CSLO 2: Solve real world design problems of both a technical and artistic nature.
- CSLO 3: Explain their design decisions and critique the solutions of their colleagues.
- CSLO 4: Devise their own strategies for solving design problems using Photoshop.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

90.0

Course in class (contact) hours

Lecture Hours

36.0

Lab Hours

54.0

Activity Hours

0.0

ART-057 Designing with Adobe Illustrator

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

Studies and practice in the design and execution of graphics, artwork and illustration using Adobe Illustrator on the Apple Macintosh computer. Students will complete projects based on current industry needs as well as be able to propose projects related to their own specific needs. Students will concentrate on solving problems and creating portfolio quality pieces. Taught with an artistic and technical emphasis, this course addresses the use of vector graphics in both traditional print and the World Wide Web.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Demonstrate appropriate and safe practices within a computer-based studio environments, such as software usage, graphic illustration techniques, and problem solving, in order to create imagery, such as icons, maps, technical and abstract illustrations. (PSLO 1)
- 2. Students will present, explain and justify their conceptual strategies for visual problem solving using the illustration software vocabulary and the elements and principles of design, focusing on line, shape and type. They will also critique the conceptual strategies and solutions of their classmates, and evaluate the correct and effective use of illustration software techniques and tools. (PSLO 2)
- 3. Through class presentations, critiques, site visits, and their own research, students will identify and discuss specific examples of Adobe Illustrator's graphic design and how they used this information in order to improve the concepts and creativity of their illustrations. (PSLO 3)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

90.0

Course in class (contact) hours

Lecture Hours

36.0

Lab Hours

54.0

Activity Hours

0.0

ART-058 Designing for the Web

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

Studies and practice in web design and development. Students will concentrate on solving problems by planning and building a portfolio-quality website. Taught with an artistic and technical emphasis, students will be introduced to Adobe Dreamweaver and other general web design skills such as best practices for designing a website, maintaining consistency , separating content from design, using web fonts, and utilizing HTML5 and CSS3. Students will create a responsive website that is equally functional on multiple operating systems, browser versions, configurations, and devices while demonstrating knowledge of page layout design concepts and principles of website usability, readability, and accessibility.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Use appropriate file formats and design methods to demonstrate the application of industry standard web design concepts. (PSLO A)
- CSLO 2: Develop a website from start to finish by learning how to interview a client's needs, plan and implement a web site map, organize assets and test functionality. (PSLO B, C)
- CSLO 3: Demonstrate the ability and understanding to create a clean and aesthetically pleasing website that is usable on multiple platforms and accessible for people with disabilities. (PSLO A, B, C)
- CSLO 4: Create a web portfolio that showcases graphic and technical design skills and abilities. (PSLO A, B, C)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

90.0

Course in class (contact) hours

Lecture Hours

36.0

Lab Hours

54.0

Activity Hours

0.0

ART-060 Introductory Concepts of Sculpture

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This introductory course explores the concepts of sculpture through the use of plaster, metal, wood, and mixed media as expressive mediums. This course will emphasize self expression and development of personal imagery as well as technical aspects of working with these materials. Demonstrations and lab assignments focus on modeling, casting, carving and assembling techniques. Lectures will highlight the use of these versatile media from contemporary, cultural and historical perspectives. Students will learn and practice using sculpture terminology, as well as the vocabulary of design elements and principles.

Requisites:

Advisory

[ART011 - Three-Dimensional Design Concepts](#)

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Demonstrate appropriate and safe practices in the processes of beginning level sculpture such as plaster casting, oxyacetylene torch cutting, and wood relief carving.
- 2. Present, explain and justify their strategies for solving beginning level sculpture. design problems in plaster, metal, wood, and mixed media, and constructively critique the solutions of their classmates, using design and beginning level sculpture vocabulary such as shape, line, additive process, subtractive process.
- 3. Research and synthesize examples of historical and cultural products with their own ideas in order to inform their beginning level sculpture projects with a wide variety of assigned and some student-choice resources.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

108.0

Course in class (contact) hours

Lecture Hours

36.0

Lab Hours

72.0

Activity Hours

0.0

ART-061 Intermediate Concepts of Sculpture

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This intermediate course explores the concepts of sculpture through the use of plaster, metal, wood, and mixed media as expressive mediums. This course will emphasize self expression and development of personal imagery as well as technical aspects of working with these materials. Demonstrations and lab assignments focus on modeling, casting, carving and assembling techniques. Lectures will highlight the use of these versatile media from contemporary, cultural and historical perspectives. Students will learn and practice using sculpture terminology, as well as the vocabulary of design elements and principles.

Requisites:

Advisory

[ART011 - Three-Dimensional Design Concepts](#)

Advisory

[ART060 - Introductory Concepts of Sculpture](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Demonstrate appropriate and safe practices in the processes of intermediate level sculpture such as adding wet plaster to an armature, oxyacetylene tack welding, and in-the-round wood carving.
- 2. Present, explain and justify their strategies for solving intermediate level sculpture design problems in plaster, metal, wood, and mixed media, and constructively critique the solutions of their classmates, using design and intermediate level sculpture vocabulary such as: emphasis with subordination, implied mass, working with undercuts in molding processes.
- 3. Research and synthesize examples of historical and cultural products with their own ideas in order to inform their intermediate level sculpture projects with student-selected and individualized resources

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

108.0

Course in class (contact) hours

Lecture Hours

36.0

Lab Hours

72.0

Activity Hours

0.0

ART-062 Introduction to Ceramic Sculpture

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

In this course, students will learn to create sculptures with clay using various tools and techniques such as slab forming, pinching, coiling and carving. Processes and tool use will be explained, demonstrated, and discussed in order to help students safely and successfully produce projects based on assigned problems and/or individualized creative plans. Students will improve their skills in representing the human figure and other subjects and will research and apply contemporary and historical examples and methods for creating ceramic sculpture. Students will learn and apply the vocabulary of the elements and principles of design, and ceramics vocabulary, to their projects.

Requisites:

Advisory

[ART011 - Three-Dimensional Design Concepts](#)

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Demonstrate appropriate and safe practices in beginning level processes of ceramic sculpture such as pinching smaller forms, modeling and carving relief studies, and slab-forming a medium (10 ") cylinder
- 2. Present, explain and justify their strategies for solving beginning ceramic sculpture design problems, and constructively critique the solutions of their classmates, using beginning design and ceramics vocabulary such as texture, volume, oxide wash, glaze.
- 3. Research and synthesize examples of assigned and some student-choice historical and contemporary sculpture with their own ideas in order to inform their ceramic projects.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

108.0

Course in class (contact) hours**Lecture Hours**

36.0

Lab Hours

72.0

Activity Hours

0.0

ART-063 Intermediate Ceramic Sculpture

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

In this course students will learn to create sculptures with clay using various tools and techniques such as slab forming, pinching, coiling and carving. Processes and tool use will be explained, demonstrated, and discussed in order to help students safely and successfully produce projects based on assigned problems and/or individualized creative plans. Students will improve their skills in representing the human figure and other subjects and will research and apply contemporary and historical examples and methods for creating ceramic sculpture. Students will learn and apply the vocabulary of the elements and principles of design, and ceramics vocabulary, to their projects.

Requisites:

Advisory

[ART011 - Three-Dimensional Design Concepts](#)

Advisory

[ART062 - Introduction to Ceramic Sculpture](#)

Advisory

[ART064 - Introduction to Ceramics Through the Pottery Wheel](#)

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 2. Present, explain and justify their strategies for solving intermediate level ceramic sculpture design problems, and constructively critique the solutions of their classmates, using intermediate design and ceramics vocabulary such as visual balance, unity with variety, underglaze, raku firing. (PSLO 1)
- 3. Research and synthesize examples of individually assigned and student-choice historical and contemporary sculpture with their own ideas in order to inform their ceramic projects. (PSLO 2)
- 1. Demonstrate appropriate and safe practices in intermediate level processes of ceramic sculpture such as press-molding forms, modeling in-the-round from a model, and coil building larger 11" + forms.(PSLO 3)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

108.0

Course in class (contact) hours**Lecture Hours**

36.0

Lab Hours

72.0

Activity Hours

0.0

ART-064 Introduction to Ceramics Through the Pottery Wheel

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course explores the use of clay and the pottery wheel as an expressive and utilitarian medium. Lectures will highlight the use of this versatile medium from contemporary, cultural, and historical perspectives, and students will research and discuss historical examples and apply them to their projects. Pottery shapes requiring singular form components will be investigated along with an introduction to kiln firing and glaze mixing. This course will introduce development of personal imagery as well as ceramic design, decoration, and glazing. Lab assignments focus on throwing techniques and glazing. Students will purchase clay and tools.

Requisites:

Advisory

[ART011 - Three-Dimensional Design Concepts](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Demonstrate appropriate and safe practices in the process of beginning level wheel thrown ceramics such as centering clay, opening up the form and pulling up the walls of a cylinder.
- 2. Present, explain and justify their strategies for solving beginning level wheel thrown ceramic design problems, and constructively critique the solutions of their classmates, using beginning level design and ceramics vocabulary such as line, shape, color, greenware, bisqueware.
- 3. Research and synthesize assigned and some student-choice examples of historical and cultural products with their own ideas in order to inform their beginning level wheel thrown ceramic projects and creative process in general.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

108.0

Course in class (contact) hours**Lecture Hours**

36.0

Lab Hours

72.0

Activity Hours

0.0

ART-065 Intermediate Ceramics Through the Pottery Wheel

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course further develops the use of clay and the pottery wheel as an expressive and utilitarian medium. Lectures will highlight the use of this versatile medium from contemporary, cultural, and historical perspectives, and students will research assigned and student-chosen historical examples and apply the research to their projects. Pottery shapes requiring singular and multiple form components will be investigated along with kiln firing and glaze mixing and calculation. This course will continue development of personal imagery and concepts of ceramic design, decoration, and glazing. Lab assignments focus on throwing techniques and glazing.

Requisites:

Advisory

[ART011 - Three-Dimensional Design Concepts](#)

Advisory

[ART064 - Introduction to Ceramics Through the Pottery Wheel](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Demonstrate appropriate and safe practices in the process of intermediate wheel thrown ceramics such as forming bottles, lidded vessels and teapots.
- 2. Present, explain and justify their strategies for solving intermediate-level wheel thrown ceramic design problems, and constructively critique the solutions of their classmates, using intermediate-level design and ceramics vocabulary such as balance, unity, underglaze, spout design.
- 3. Research and synthesize individually assigned and student-choice examples of historical and cultural products in order to inform their intermediate-level wheel thrown ceramic projects and creative process in general.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

108.0

Course in class (contact) hours

Lecture Hours

36.0

Lab Hours

72.0

Activity Hours

0.0

ART-066 Introductory Hand-Built Ceramics

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course explores the use of hand-building with clay as an expressive and utilitarian medium. Lectures will highlight the use of this versatile medium from contemporary, western and non-western cultures and historical perspectives, and students will research and discuss historical examples and apply them to their projects. Various forms will be investigated along with an introduction to kiln firing and glaze mixing. This course will introduce development of personal imagery as well as ceramic design, decoration, and glazing. Lab assignments focus on hand-building techniques and glazing.

Requisites:

Advisory

[ART011 - Three-Dimensional Design Concepts](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Demonstrate appropriate and safe practices in the process of beginning level hand-built ceramics such as pinching, coiling and slab forming to create vessel forms. Also plaster techniques for forming clay.
- 2. Present, explain and justify their strategies for solving beginning level hand-building ceramic design problems, and constructively critique the solutions of their classmates, using beginning level design and ceramics vocabulary such as line, shape, color, greenware, bisqueware.
- 3. Research and synthesize assigned and some student-choice examples of historical and cultural products with their own ideas in order to inform their beginning level hand-built ceramic projects and creative process in general.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

108.0

Course in class (contact) hours

Lecture Hours

36.0

Lab Hours

72.0

Activity Hours

0.0

ART-067 Intermediate Hand-built Ceramics

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course continues exploration of the use of hand-building with clay as an expressive and utilitarian medium. Lectures will highlight the use of this versatile medium from contemporary, western and non-western cultures and historical perspectives, and students will research and discuss historical examples and apply them to their projects. Plaster mold making will be investigated along with developing kiln firing and glaze mixing techniques. Broadening and deepening technical aspects of hand-building will be combined with further aesthetic exploration. This course will continue investigations of ceramic design, decoration, and glazing. Lab assignments focus on hand-building techniques and glazing.

Requisites:

Advisory

[ART011 - Three-Dimensional Design Concepts](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Demonstrate appropriate and safe practices in the process of intermediate level hand-built ceramics such as pinching, coiling and slab forming to create vessel forms. Also plaster mold-making techniques for forming clay.
- 2. Present, explain and justify their strategies for solving intermediate level hand-building ceramic design problems, which may merge two or more techniques. Constructively critique the solutions of their classmates, using intermediate level design and ceramics vocabulary such as sprigged decoration, incised texture, and glazing aesthetics.
- 3. Research and synthesize assigned student-choice examples of traditional and contemporary cultural products with their own ideas in order to inform their intermediate level hand-built ceramic projects and creative process in general.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

108.0

Course in class (contact) hours

Lecture Hours

36.0

Lab Hours

72.0

Activity Hours

0.0

ART-072 Introduction to Digital Photography

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

Studies and practice in digital photography. This course will explore the technical areas of f-stop and shutter speed, exposure and lighting, the artistic concepts of balance, and composition as well as the communications possibilities of the medium. Students will complete projects designed to help them learn to solve their own photographic problems. Students will concentrate on solving problems and creating portfolio quality pieces. Taught with an artistic and technical emphasis, this course addresses the use of digital cameras, scanners and computers in creating high quality photographs.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Apply the fundamental technical and artistic principles of photography in creating photographs that communicate effectively. (PSLO 1, 3)
- 2. Demonstrate problem-solving skills during the conceptualization and execution of photographic exercises and projects. (PSLO 2)

- 3. Organize and present their photographs in a professional manner. (PSLO 2)
- 4. Critique the solutions of others in positive, constructive manner. (PSLO 2, 3)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

90.0

Course in class (contact) hours

Lecture Hours

36.0

Lab Hours

54.0

Activity Hours

0.0

ART-074 Photo II: Developing a Personal Vision

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course presents a methodical approach to creating high-quality photographs through the study and practice of photography. Coursework includes technical areas of lighting, exposure, and image processing using Photoshop. Additional attention is given developing photographic styles and approaches, and the affect of technology on photography.

Requisites:

Advisory

[ART072 - Introduction to Digital Photography](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. The student will be able to choose appropriate photographic techniques and use them in an efficient manner (PSLO 1,2):
- 2. The student will be able to solve real world problems of both a technical and artistic nature (PSLO 1,2,3):
- 3. Students will be able to explain their design decisions and critique the solutions of their colleagues during project critiques. (PSLO 2):
- 4. Students will create their own professional-quality portfolio/book. (PSLO 1,2,3):
- 5. Students develop an understanding of important technological breakthroughs in photography. (PSLO 3):

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)

- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

90.0

Course in class (contact) hours

Lecture Hours

36.0

Lab Hours

54.0

Activity Hours

0.0

ART-075 Documentary Photography

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

Cross-listed as JOURN-160. This course deals with the photographer as a journalist, focusing on theory and practice in press and publications photography, with emphasis on using the camera as a reporting and communications tool. Covered are news and feature photography and photographic essays, including composition, impact, and creativity, for newspapers, magazines, Internet and other mass communications media. The course includes a background in the history, ethics and aesthetics of the documentary still photograph. Students will complete successive and cumulative exercises

and projects based on current industry standards and expectations, including photographic assignments, exercises, quizzes as well as participate in class discussions and critiques.

Requisites:

Advisory

[ART072 - Introduction to Digital Photography](#)

Advisory

[ART074 - Photo II: Developing a Personal Vision](#)

Advisory

or concurrent enrollment or completion of any other journalism class

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Identify and explain the technical and aesthetic aspects of the photographic process in journalistic storytelling endeavors. (PSLO aA, jA, jB)
- CSLO 2: Describe the history and development of photojournalism. (PSLO aB, jA, jB)
- CSLO 3: Use appropriate news, ethical and legal judgment in planning, pursuing and creating photographic works. (PSLO aA, jA, jB)
- CSLO 4: Use a computer to effectively process image files to professional standards. (PSLO aA, jA, jB)
- CSLO 5: Create a print or digital stringbook/portfolio showcasing their photographic abilities. (PSLO aA, jA, jB, jC)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

90.0

Course in class (contact) hours

Lecture Hours

36.0

Lab Hours

54.0

Activity Hours

0.0

ART-084 Motion Graphics and Video Editing

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

Studies and practice in 2D and 3D computer-based animation focusing on animated graphic communication. Students will apply introductory industry standard routines, practices and software to create animated images incorporating design, type, video and sound. This course develops the students' understanding of visual communication, advertising and branding through motion graphics.

Requisites:**Advisory**

[ART015 - Graphic Design](#)

Advisory

[ART085 - Introduction to Animation](#)

Advisory

[ART086 - Animation and 3D Modeling](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Demonstrate appropriate and safe practices within video and computer environments, such as software usage, computer usage, filming hardware such as cameras and lighting kits, animation principles, terminology, and problem solving that transforms ideas into animated designs for branding, advertising and communication along with the basic elements and principles of design such as contrast, repetition, alignment, proximity, timing, and typography. (PSLO 1)
- CSLO 2: Students will present, explain and justify their conceptual strategies for visual problem solving with regard to contrast, repetition, alignment and proximity, and critique the solutions of their classmates relative to the same principles. Within the critique they have evaluated whether their fellow students' work shows effective motion graphic design, animation principles and principles of composition that will successfully communicate to their intended target audience, while providing results for clients. (PSLO 2)
- CSLO 3: Through class presentations, critiques, site visits, and their self-assigned research, students will identify and discuss specific examples of animation, motion graphics, titling, kinetic typography, video editing and filming. Further, they will address issues of targeting

audiences using market share information in order to define the parameters of their project. They will explain how using an effective motion graphic, images, sound and design choices can improve their project goals.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

90.0

Course in class (contact) hours

Lecture Hours

36.0

Lab Hours

54.0

Activity Hours

0.0

ART-085 Introduction to Animation

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

Studies and practice in three-dimensional computer-based animation with emphasis on the definition of, research for, and solutions to animation problems. Includes basic history of animation. Using industry standard routines and analyses, this course develops students' understanding of motion and visual effects generated in 3D scenes. Special emphasis will be placed on animation styles, production pipelines, and story development.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Demonstrate appropriate and safe practices within video and computer environments, such as software usage, computer usage, animation principles, terminology, and problem solving that transforms ideas into animated designs and 3D assets for simulation and entertainment along with the basic elements and principles of design such as contrast, repetition, alignment, proximity, and timing. (PSLO 1)
- CSLO 2: Students will present, explain and justify their conceptual strategies for visual problem solving with regard to scale, timing, and construction, and critique the solutions of their classmates relative to the same principles. Within the critique they have evaluated whether their fellow students' work shows effective 3D design, animation principles and principles of composition that will successfully communicate to their intended target audience, while providing results for viewers. (PSLO 2)
- CSLO 3: Through class presentations, critiques, site visits, and their self-assigned research, students will research, identify and discuss specific examples of animation, game art, movie computer graphics, and simulation. Further, they will explain how using effective computer graphics, images, sound, animation and lighting can improve their project goals.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

108.0

Course in class (contact) hours**Lecture Hours**

36.0

Lab Hours

72.0

Activity Hours

0.0

ART-086 Animation and 3D Modeling

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

Studies and practice in three dimensional animations with emphasis on the definition, research, solution to animation and modeling problems. Using industry standard routines and analysis, this course develops students' understanding of motion and visual effects generated in 3D scenes to

develop a demo reel by the end of the course. This course is not about learning 'how to' use a specific program but learning the basic 3D modeling and animation concepts to emphasize creativity. Special emphasis will be placed on stylized modeling and animation, production pipelines, and story development.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Demonstrate appropriate and safe practices within video and computer environments, such as software usage, computer usage, animation principles, terminology, and problem solving that transforms ideas into animated designs and 3D assets for simulation and entertainment along with the basic elements and principles of design such as contrast, repetition, alignment, proximity, timing, texture. (PSLO 1)
- CSLO 2: Students will present, explain and justify their conceptual strategies for visual problem solving with regard to scale, timing, and construction, and critique the solutions of their classmates relative to the same principles. Within the critique they have evaluated whether their fellow students' work shows effective 3D design, animation principles and principles of composition that will successfully communicate to their intended target audience, while providing results for viewers. (PSLO 2)
- CSLO 3: Through class presentations, critiques, site visits, and their self-assigned research, students will research, identify and discuss specific examples of animation, game art, movie computer graphics, and simulation. Further, they will explain how using effective computer graphics, images, sound, animation and lighting can improve their project goals.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

108.0

Course in class (contact) hours**Lecture Hours**

36.0

Lab Hours

72.0

Activity Hours

0.0

ART-087 3D Texturing and Lighting

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

Studies and practice in 2D and 3D computer-based Texturing and Lighting focusing on animated graphic communication. Students will apply introductory industry standard routines, practices and software to create rendered images incorporating design, digital texturing, simulated lighting and

PBR (Physically Based Rendering) Techniques. This course develops the students' understanding of and basics of storytelling and world examination through visual communication, by creating completed assets that can be used for marketing, simulation, animation and media.

Requisites:

Advisory

[ART085 - Introduction to Animation](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Demonstrate appropriate and safe practices within video and computer environments, such as software usage, computer usage, Design principles, terminology, and problem solving that transforms ideas into Texturing designs and 3D assets for simulation and entertainment along with the basic elements and principles of design such as contrast, storytelling, Color Theory, Composition, realistic computer Lighting principles, and texture. (PSLO 1)
- CSLO 2: Students will present, explain and justify their conceptual strategies for visual problem solving with regard to Storytelling, Texturing, History, and lighting, and critique the solutions of their classmates relative to the same principles. Within the critique they have evaluated whether their fellow students' work shows effective 3D design, texturing principles and principles of composition that will successfully communicate to their intended target audience, while providing results for viewers. (PSLO 2)
- CSLO 3: Through class presentations, critiques, site visits, and their self-assigned research, students will research, identify and discuss specific examples of animation, game art, movie computer graphics, and simulation. Further, they will explain how using effective

computer graphics, photography, images, texturing and lighting can improve their project goals.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

108.0

Course in class (contact) hours

Lecture Hours

36.0

Lab Hours

72.0

Activity Hours

0.0

ART-098 Independent Study in Art

Units: 0.5-3.0

[Print Page](#)

[Back to department listing](#)

Description:

Provides students an opportunity to design and pursue their own interests within a particular area. Projects reflecting cultural diversity and/or societal issues will be greatly encouraged. A contract must be drawn between the student and the instructor stipulating the goals of the independent study, the content, the method of approach, the estimated time involved, and the periodic evaluation to be used. This course may be repeated for credit. (Minimum 1 hour per week with instructor plus 54 hours of contracted work for each unit of credit.)

Requisites:

None

Course Note:

Submission of acceptable educational contract to department and Instruction Office is required.

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- Meet outcomes as specified in the approved Application for Independent Study.
- Gain knowledge and skill through the successful completion of an independent study course.
- Demonstrate and/or apply independent academic learning skills.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

0.5

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

162.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

162.0

Activity Hours

0.0

ART-170 Occupational Work Experience Education In Art

Units: 1.0-4.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is for students whose work is related to their major. Occupational Work Experience Education provides students with opportunities to develop marketable skills in preparation for employment or advancement within their current job. To participate in cooperative work experience education, students must be employed or formally volunteer and undertake new or expanded responsibilities. Students, with faculty and employer approval, will develop and successfully complete one learning objective for each unit of credit in which they enroll. Additionally, students must work 75 paid hours or 60 non-paid hours for each unit of credit earned. Students may earn up to 8 units per semester and may repeat for a maximum of 16 units of occupational work experience during community college attendance which may be applied as electives toward graduation.

Requisites:

None

Course Note:

Work Experience Education Requirements

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

Section 55253. College Credit and Repetition The amendment to Title 5 created an exception to the general rule for repetition of activity courses to allow students to take the full number of units of cooperative work experience, which would otherwise be allowed. (b) If a college offers only one course in occupational work experience in a given field and that course is not offered as a variable unit open entry/open-exit course, the district policy on course repetition adopted pursuant to section 55040 may permit a student to repeat that course any number of times so long as the student does not exceed the limits on the number of units of cooperative work experience education set forth in subdivision (a). Consistent with section 58161, attendance of a student repeating a cooperative work experience course pursuant to this subdivision may be claimed for state apportionment.

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Apply professionalism and work ethic skills including personal accountability, work habits, punctuality, working productively with others, and managing time and work load.
- CSLO 2: Work in collaborative relationships with colleagues and customers and be able to work with diverse teams, negotiate, and manage conflicts.
- CSLO 3: Apply critical thinking and problem solving skills by using sound reasoning and analytical thinking as well as using knowledge, facts, and data to solve workplace problems.
- CSLO 4: Communicate thoughts and ideas clearly and effectively using public speaking skills and the ability to write clearly and effectively
- CSLO 5: Utilize, under direct supervision, knowledge, skills and abilities acquired during prior or concurrent college course work directly related to workplace responsibilities by applying appropriate Course-Level Student Learning Outcomes from a college course to the student's place of employment.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

1.0

Maximum Credit Units

4.0

Total Course In-Class (Contact) Hours

300.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

300.0

Activity Hours

0.0

ART-180 Internship in Art

Units: 1.0-4.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is for students who have declared a major, have taken classes in the major, and are ready for on-the-job experience in a paid or unpaid position. An internship involves working in a skilled or professional level assignment in the area of a student's vocational or academic major or field of interest. Students, with faculty and employer approval, will apply college-acquired knowledge, skills and abilities as well as acquire new learning to prepare for a career in their chosen field. Students must work 75 paid hours or 60 non-paid hours for each unit of credit earned. Students may earn a maximum of 16 units of occupational work experience internship during community college attendance which may be applied as electives toward graduation. 12 units are transferable to CSU.

Requisites:

None

Course Note:

Work Experience Education Requirements

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

Section 55253. College Credit and Repetition The amendment to Title 5 created an exception to the general rule for repetition of activity courses to allow students to take the full number of units of cooperative work experience, which would otherwise be allowed. (b) If a college offers only on course in occupational work experience in a given field and that course is not offered as a variable unit open entry/open-exit course, the district policy on course repetition adopted pursuant to section 55040 may permit a student to repeat that course any number oftentimes so long as the student does not exceed the limits on the number of units of cooperative work experience education set forth in subdivision (a). Consistent with section 58161, attendance of a student repeating a cooperative work experience course pursuant to this subdivision may be claimed for state apportionment.

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Apply professionalism and work ethic skills including personal accountability, work habits, punctuality, working productively with others, and managing time and work load.
- CSLO 2: Work in collaborative relationships with colleagues and customers and be able to work with diverse teams, negotiate, and manage conflicts.
- CSLO 3: Apply critical thinking and problem solving skills by using sound reasoning and analytical thinking as well as using knowledge, facts, and data to solve workplace problems.
- CSLO 4: Communicate thoughts and ideas clearly and effectively using public speaking skills and the ability to write clearly and effectively.
- CSLO 5: Utilize, under direct supervision, knowledge, skills and abilities acquired during prior or concurrent college course work directly related to work place responsibilities by applying appropriate Course-Level Student Learning Outcomes from a college course to the internship.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

1.0

Maximum Credit Units

4.0

Total Course In-Class (Contact) Hours

300.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

300.0

Activity Hours

0.0

ART-250 Introduction to Digital Art

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is an introduction to the fundamental concepts, practices and theories of digital art creation. Topics include integration of traditional design, color and compositional principles with contemporary digital tools like Adobe Photoshop, Illustrator, and InDesign.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Use appropriate file formats and design methods to demonstrate the application of common computer graphic concepts. (PSLO A)
- CSLO 2: Integrate historic and contemporary graphic design trends in the creation of digital art. (PSLO A, PSLO B)
- CSLO 3: Create graphics projects and digital art using various design concepts, including line, shape, texture, space form, light, color, unity, hierarchy, scale, dominance and time. (PSLO B)
- CSLO 4: Create a portfolio that showcases graphic design skills and abilities. (PSLO A, B, C)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

108.0

Course in class (contact) hours

Lecture Hours

36.0

Lab Hours

72.0

Activity Hours

0.0

English

Program Information

Degree(s) and/or certificates and courses listed below.

Degrees and Certificates

[Creative Writing, Certificate of Achievement](#)
[English Associate in Arts for Transfer \(AA-T\)](#)
[Hip Hop Studies, Certificate of Achievement](#)

Course Information

[ENGL083 - Clarity and Style in Academic Writing](#)
[ENGL083N - Clarity and Style in Academic Writing](#)
[ENGL085 - Reading for College and Career Success](#)
[ENGL098 - Independent Study in English](#)
[ENGL100 - College Composition](#)
[ENGL100E - Enhanced College Composition](#)
[ENGL100S - Support for College Composition](#)
[ENGL110 - Introduction to Social Justice Studies](#)
[ENGL111 - Creative Writing](#)
[ENGL113 - Creative Writing: Poetry](#)
[ENGL114 - Creative Writing: Introduction to Story](#)
[ENGL115 - Creative Writing: Playwriting](#)
[ENGL120 - Introduction to Latino Literature and Its Latin American Roots](#)
[ENGL121 - Introduction to Chicano Literature](#)
[ENGL122 - California Literature](#)
[ENGL124 - Children's Literature](#)
[ENGL127 - The Mythology and Literature of Ethnic Americans](#)
[ENGL128 - Introduction to Asian American Literature](#)
[ENGL129 - Introduction to Contemporary African- American Literature](#)
[ENGL130 - Mystery and Detective Literature](#)

ENGL132 - Literature of the Fantastic: Myth, Fantasy, and Science Fiction
ENGL133 - Race, Ethnicity, and Gender in Popular Fiction and Film
ENGL135 - Introduction to LGBTQ+ Studies
ENGL136 - Introduction to Gender Studies
ENGL144 - Hip Hop as Lit
ENGL146 - Hip Hop Queens
ENGL150 - Lesbian, Gay, Bisexual, Transgender, and Queer Literature
ENGL180 - An Introduction to Shakespeare
ENGL220 - Critical Thinking
ENGL221 - Advanced Composition and Critical Thinking
ENGL230 - Thinking and Writing Critically about Literature
ENGL240 - Survey of World Literature I: Antiquity To Mid-17th Century
ENGL245 - Survey of World Literature II: Mid-17th Century to Present

[Back to department listing](#)

English Associate in Arts for Transfer (AA-T)

A.A. Degree for Transfer

[Print Page](#)

[Back to department listing](#)

Units:

60 units

The Associate in Arts in English for Transfer at Los Medanos College is designed to prepare students to transfer and study at a California State University. The program requires a minimum of 18 units lower division work in English and is combined with the California State General Education Pattern to prepare students to take upper division courses at a California State University. Students obtaining a degree must earn a minimum 2.0 GPA for all course work and achieve a minimum of a C or higher for all major course work. Students may complete lower division courses in critical thinking, literature, journalism, drama, humanities, or creative writing, having some choice for major preparation to earn a degree in English with a specific emphasis. To earn the Associate Degree for Transfer: 1. Completion of 60 semester units or 90 quarter units of degree-applicable courses, 2. Minimum overall grade point average of 2.0, 3. Minimum grade of "C" (or "P") for each course in the major, and 4. Completion of IGETC and/or CSU GE-Breadth Certain ADTs are based on completion of IGETC for STEM or CSU GE-Breadth for STEM.

Toggle

Program Learning Outcomes

- 1. Independently read, comprehend, and analyze college-level materials, both fiction and/or non-fiction, using critical thinking strategies.
- 2. Respond coherently to texts in critical, creative, and personal ways.

- 3. Write logical, coherent, well-developed academic essays.

Toggle

Program Requirements

A.A. Degree for Transfer
Required Courses

Required Courses for Major (Total 18)

Complete all of the following

[ENGL221 - Advanced Composition and Critical Thinking](#) 3

[ENGL230 - Thinking and Writing Critically about Literature](#) 3

Required Courses for Major: List A (Total 6)

Complete all of the following

[ENGL240 - Survey of World Literature I: Antiquity To Mid-17th Century](#) 3

[ENGL245 - Survey of World Literature II: Mid-17th Century to Present](#) 3

Required Course for Major: List B (Total 3)

Complete the following number of credits: 3

[ENGL111 - Creative Writing](#) 3

[ENGL122 - California Literature](#) 3

[ENGL127 - The Mythology and Literature of Ethnic Americans](#) 3

[ENGL128 - Introduction to Asian American Literature](#) 3

[ENGL129 - Introduction to Contemporary African- American Literature](#) 3

[ENGL130 - Mystery and Detective Literature](#) 3

[ENGL132 - Literature of the Fantastic: Myth, Fantasy, and Science Fiction](#) 3

[ENGL133 - Race, Ethnicity, and Gender in Popular Fiction and Film](#) 3

[ENGL220 - Critical Thinking](#) 3

Required Course for Major: List C Select One Course or One Not Already Used in List B (Total 3)

Complete the following number of credits: 3

[DRAMA016 - Theatre Appreciation](#) 3

[HUMAN024 - Shakespeare's English Kings](#) 3

[JOURN110 - Writing for the Media](#) 3

Hip Hop Studies, Certificate of Achievement

Certificate of Achievement

[Print Page](#)

[Back to department listing](#)

Units:

18.0 units

A dominant cultural force, hip hop was once the product of cultural, social and political abandonment. Conservative federal and state government policies and the resulting gutting of social programs, left many urban areas — communities of color in particular — with no resources. The outcome of such policies was staggering. Even Ronald Reagan, on a visit during his 1980 Presidential campaign would describe the birth place of hip hop — the Bronx, New York — as resembling “a bombed-out city.” And yet, it was the programs of Reagan’s own intelligence agency that would flood urban centers, like the Bronx, with crack cocaine as a means to fund unsanctioned government activities. From these ashes, however, a culture would emerge that would give voice and power to these very communities and birth a billion-dollar industry. The Certificate of Achievement in Hip Hop Studies at Los Medanos College offers students an interdisciplinary approach to studying the global rise and reign of hip hop culture. The program explores the intersectionality of hip hop, particularly how hip hop culture celebrates and amplifies voices to address social justice, politics, gender and sexuality. Through a rigorous interdisciplinary study, students will interrogate systems of oppression that helped create hip hop culture while also studying the music itself, including foundations in music theory and lyrical analysis. The course sequence is such that students take courses from as many as six disciplines, including Music, Ethnic Studies, English, and Social Sciences. Encompassing several college departments, the certificate provides students with the sense of the richness, complexity and vitality of hip hop culture. The certificate requires 18 units of lower division work. Students have the option of completing all 18 units in a single semester or spreading them out across Summer, Fall and Spring semesters, as well as Winter cybersession. All 18 units fulfill general education course requirements for both the CSU-GE and IGETC.

Toggle

Program Learning Outcomes

- Read, write and discuss primary and secondary texts about hip hop.
- Analyze hip hop as a form of oppositional culture — one that demonstrates distrust, anger, resistance, and critique of a racist and discriminatory society, particularly as it relates to Black and Latinx populations.
- Examine the ethical and moral implications inherent in hip hop music, culture and economy.

Toggle

Program Requirements

Certificate of Achievement

Required Courses (Total 18)

Complete all of the following

[MUSIC015 - Basic Music](#) 3

[ETHN045 - Introduction to Black Studies](#) 3

[HIST061 - History of African-Americans Since 1865](#) 3

[ENGL144 - Hip Hop as Lit](#) 3

[HUMAN050 - Hip Hop Culture: An American Phenomenon](#) 3

[SJS150 - Introduction to Race & Ethnicity](#) 3

Creative Writing, Certificate of Achievement

Certificate of Achievement

[Print Page](#)

[Back to department listing](#)

Units:

18.0 units

A Certificate of Achievement in Creative Writing at LMC can help you gain skills to enter any number of exciting and meaningful fields—becoming an author, screenwriter, video game writer, editor, web content writer, social media content writer or influencer, brand marketer, grant writer, podcast writer, teacher or college professor, and so much more—since storytelling and painting pictures with words are the foundation of so many professions, and really are just fundamental to human experience, developing skills in this area can serve you well no matter what you want to do in life. Many four years schools offer a Creative Writing major. But more than this, creative writing helps you find your voice and can be a joyous journey of self discovery, self-exploration, and will help you create meaningful work that you can be proud of

Toggle

Program Learning Outcomes

- Independently read, comprehend, and analyze literature and non-fiction, using critical thinking strategies.
- Respond coherently to texts in critical, creative and personal ways
- Write logical, coherent, well-developed academic essays about literature and non-fiction.

Toggle

Program Requirements

Certificate of Achievement

Required Courses (Total 18)

Complete all of the following

[ENGL111 - Creative Writing](#) 3

Writing Courses - Choose two courses (Total 6)

Complete the following number of credits: 6

[ENGL113 - Creative Writing: Poetry](#) 3

[ENGL114 - Creative Writing: Introduction to Story](#) 3

ENGL115 - Creative Writing: Playwriting 3

Literature Courses - Choose one course (Total 3)

Complete the following number of credits: 3

ENGL120 - Introduction to Latino Literature and Its Latin American Roots 3

ENGL121 - Introduction to Chicano Literature 3

ENGL122 - California Literature 3

ENGL124 - Children's Literature 3

ENGL127 - The Mythology and Literature of Ethnic Americans 3

ENGL128 - Introduction to Asian American Literature 3

ENGL129 - Introduction to Contemporary African- American Literature 3

ENGL130 - Mystery and Detective Literature 3

ENGL132 - Ltre of Fants:myths,fntsy,scif 3

ENGL133 - Race, Ethnicity, and Gender in Popular Fiction and Film 3

ENGL144 - Hip Hop as Lit 3

ENGL150 - Lesbian, Gay, Bisexual, Transgender, and Queer Literature 3

ENGL240 - Survey of World Literature I: Antiquity To Mid-17th Century 3

ENGL245 - Survey of World Literature II: Mid-17th Century to Present 3

Social Justice Studies/Ethnic Studies Courses - Choose one course (Total 3)

Complete the following number of credits: 3

ETHN045 - Introduction to Black Studies 3

ETHN101 - Introduction to Ethnic Studies 3

ETHN102 - Critical Thinking in Ethnic Studies 3

ETHN103 - Racial and Ethnic Justice Movements 3

ETHN110 - Introduction to Native American/Indigenous Studies 3

ETHN120 - Immigrant Experiences in the U.S. 3

SJS110 - Introduction to Social Justice Studies 3

SJS135 - Introduction to LGBTQ+ Studies 3

SJS136 - Introduction to Gender Studies 3

Choose one course (Total 3)

Complete the following number of credits: 3

ART010 - Introduction to Two-Dimensional Concepts 3

ART020 - Introduction to Drawing 3

ART038 - Introduction to Printmaking 3

ART072 - Introduction to Digital Photography 3

ART074 - Photo II: Developing a Personal Vision 3

ART075 - Documentary Photography 3

ART025 - Advertising, Marketing and Publication Design 3

ART050 - Designing with Adobe InDesign 3

ART054 - Adobe Photoshop 3

ART057 - Designing with Adobe Illustrator 3

JOURN110 - Writing for the Media 3

JOURN130 - Media Production: Practicum I 3

DRAMA015 - Multicultural Perspectives Within Theatre 3

DRAMA016 - Theatre Appreciation 3

DRAMA030 - Chicano/a Mexican American Cinema: A Critical Analysis 3

DRAMA070 - Film as an International Art Form 3

DRAMA098 - Independent Study in Dramatic Arts 0.5 - 3

DRAMA061 - Directing and Collaborative Project 3

ART015 - Graphic Design 3

ENGL-083 Clarity and Style in Academic Writing

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course provides students with the knowledge and skills necessary to understand how clarity and style impact their written work. Instruction emphasizes mechanics, style, and composition, using grammatical principles and sentence-combining techniques. Students learn to write with clarity and style through the various writing projects they complete for the class. They will also learn the recursive nature of writing by developing writing processes unique to their composition style. This course is appropriate for students wanting an introduction to college-level sentence and writing skills or for students enrolled in other English courses who want or need extra writing support.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Not transferable

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Identify the parts and structure of sentences.

- 2. Think critically about the logical relationships between ideas and demonstrate the ability to express these relationships.
- 3. Engage in writing as a process to compose and edit texts that adhere to writing conventions.

Grade Options:

- Pass/No Pass (P/NP)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

ENGL-083N Clarity and Style in Academic Writing

Units: 0.0

[Print Page](#)

[Back to department listing](#)

Description:

This course provides students with the knowledge and skills necessary to understand how clarity and style impact their written work. Instruction emphasizes mechanics, style, and composition, using grammatical principles and sentence-combining techniques. Students learn to write with clarity and style through the various writing projects they complete for the class. They will also learn the recursive nature of writing by developing writing processes unique to their composition style. This course is appropriate for students wanting an introduction to college-level sentence and writing skills or for students enrolled in other English courses who want or need extra writing support.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Not transferable

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Identify the parts and structure of sentences.
- 2. Think critically about the logical relationships between ideas and demonstrate the ability to express these relationships.
- 3. Engage in writing as a process to compose and edit texts that adhere to writing conventions.

Grade Options:

- Pass/No Pass (P/NP)
- Satisfactory Progress (SP)

Toggle

Units and Hours

Minimum Credit Units

0.0

Maximum Credit Units

0.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

ENGL-085 Reading for College and Career Success

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course will focus on the ability to apply, monitor, and adjust reading for increased comprehension and understanding. Topics will include building reading comprehension skills, understanding vocabulary within context, and determining main ideas and key support details, and developing reading strategies. Students will read a variety of text, which will include two novels as well as some expository/argumentative essays. This course is appropriate for students wanting an introduction to college level reading or for students enrolled in other collegiate level courses who need extra support with the reading.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Not transferable

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- #1. Engage in pre-reading activities designed to preview material and activate background knowledge. (PSLO #1, #2, #3)
- #2. Generate appropriate meaning for unfamiliar words through the use of the dictionary, structural analysis, and/or context clues. (PSLO #1, #2, #3, #4)
- #3. Use a variety of reading strategies to build comprehension and to gain a deeper understanding of the structure of the text as well as the author's overall meaning. (PSLO #2, #3, #4, #5, #6)
- #4. Increase metacognitive awareness and self-reflection on their own reading processes, which in turn, will help with comprehending and relating to a text. (PSLO #1, #3, #5)

Grade Options:

- Pass/No Pass (P/NP)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

ENGL-098 Independent Study in English

Units: 0.5-3.0

[Print Page](#)

[Back to department listing](#)

Description:

Provides students an opportunity to design and pursue their own interests within a particular area. Projects reflecting cultural diversity and/or societal issues will be greatly encouraged. A contract must be drawn between the student and the instructor stipulating the goals of the independent study, the content, the method of approach, the estimated time involved, and the periodic evaluation to be used. This course may be repeated for credit. (Minimum 1 hour per week with instructor plus 54 hours of contracted work for each unit of credit.)

Requisites:

None

Course Note:

Entrance Skills Course Note Rationale Submission of acceptable educational contract to department and Instruction Office is required.

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- Meet outcomes as specified in the approved Application for Independent Study.
- Gain knowledge and skill through the successful completion of an independent study course.
- Demonstrate and/or apply independent academic learning skills.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

0.5

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

162.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

162.0

Activity Hours

0.0

ENGL-100 College Composition

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

English 100 is an introductory college-level course designed to help students develop critical reading, thinking and writing skills. Students read essays and articles dealing with multi-cultural issues and current events, and learn to write effective thesis-driven academic essays which synthesize the readings. Students will produce at least 5,000 words of formal writing that draws upon the assigned readings as well as articles that students have researched on their own.

Requisites:

Prerequisite

Composition courses require eligibility for college-level composition as determined by the college assessment process.

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

LMC Standard AA/AS - General Education Requirements:

- LR: Language and Rationality

CSU - General Education - Breadth Requirements:

- Area A2: Written Communication

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 1A: English Composition

C-ID:

- English

Comparable course: ENGL 100

Student Learning Outcomes:

- 1. Comprehend, summarize, analyze, synthesize, and evaluate a variety of primarily non-fiction texts
- 2. Write clear, well-organized essays with arguable theses, persuasive support, and synthesis of several sources, demonstrating engagement in a full and productive reading, thinking, and writing process, and showing syntactical maturity
- 3. Think critically at a college level by evaluating their own reading and writing process, describing and evaluating arguments, recognizing bias and identifying and avoiding errors in logic, and recognizing tone, audience and purpose in texts
- 4. Consider diverse perspectives and worldviews (i.e. in regards to ethnicity, race, gender, class, language, nationality, sexual orientation, religion, or political beliefs) in order to engage thoughtfully with the perspectives of others.
- 5. Conduct basic research using library tools, incorporating various sources into essays using appropriate documentation format. (GESLO 2)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

Minimum Credit Units

0.0

Maximum Credit Units

0.0

Total Course In-Class (Contact) Hours

0.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

0.0

Activity Hours

0.0

ENGL-101 Enhanced College Composition

Units: 4.0

[Print Page](#)

[Back to department listing](#)

Description:

English 100E is an introductory course. With guidance from the instructor, students will practice expository and argumentative writing, close reading, academic research, and MLA documentation. Students read and discuss texts about current issues using critical analysis while engaging with diverse perspectives. Students synthesize ideas and arguments while developing strategies to write, revise, and edit a total of 5,000 words in several essays over the course of the semester that draw upon assigned readings and readings that students research on their own. Students can earn a degree and transfer credit from ENGL 100E.

Requisites:**Prerequisite**

Composition courses require eligibility for college-level composition as determined by the college assessment process.

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:**C-ID:**

- English

Comparable course: C-ID ENGL100

CSU - General Education - Breadth Requirements:

- Area A2: Written Communication

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 1A: English Composition

LMC Standard AA/AS - General Education Requirements:

- LR: Language and Rationality

Student Learning Outcomes:

- 1.Utilize critical reading strategies to comprehend, summarize, analyze, synthesize, and evaluate a variety of primarily non-fiction texts representing diverse perspectives. (PSLOs 1, 2, 3)
- 2. Develop varied and flexible strategies for generating, drafting, and revising their work(PSLO 3)
- 3 Apply a variety of rhetorical strategies in composing primarily thesis-driven essays that integrate multiple sources and reflect syntactic choices appropriate to the genre. (PSLO 2, 3)

- 4. Conduct basic research using library tools, incorporating various sources into essays using appropriate documentation format. (GESLO 2), (PSLOs 1, 2, 3)
- 5. Demonstrate awareness and use of strategies for academic success, such as the use of campus support services—i.e. LMC Library and Center for Academic Support-CORE. (PSLOs 1, 2, 3)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

4.0

Maximum Credit Units

4.0

Total Course In-Class (Contact) Hours

90.0

Course in class (contact) hours

Lecture Hours

72.0

Lab Hours

18.0

Activity Hours

0.0

ENGL-100S Support for College Composition

Units: 1.0

[Print Page](#)

[Back to department listing](#)

Description:

English 100S is an integrated reading and writing course designed to help students succeed at the college-level. Through frequent and intensive instructor feedback and practice, students will learn to use a recursive writing process to produce college-level essays in English 100. Students will learn effective strategies for comprehending and thinking critically about college-level readings. Students will also practice assessing their own processes and learn how to utilize academic strategies for success at the college-level.

Requisites:

Prerequisite

[ENGL095 - Accelerated Reading, Writing and Critical Thinking Thinking](#)

Co-Requisite

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Not transferable

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Employ a recursive writing process that includes pre-writing, drafting, revising, and editing that responds to feedback from the instructor in order to successfully complete college-level English. (PSLOs 1, 2, 4)
- 2. Identify and implement critical reading strategies to synthesize, analyze, evaluate, and respond to readings through discussion and writing in order to successfully complete college-level English. (PSLOs 1, 2, 3, 4)
- 3. Demonstrate the habits and strategies of an active learner in order to successfully complete college-level English. (PSLO 5)

Grade Options:

- Pass/No Pass (P/NP)

Toggle

Units and Hours

Minimum Credit Units

1.0

Maximum Credit Units

1.0

Total Course In-Class (Contact) Hours

36.0

Course in class (contact) hours

Lecture Hours

18.0

Lab Hours

18.0

Activity Hours

0.0

ENGL-110 Introduction to Social Justice Studies

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

Same as SOCS-110. Introduction to Social Justice Studies is an interdisciplinary course introducing students to the history, psychology and sociology of racial, ethnic, class, gender and sexual oppression in the United States and the history, strategy and structure of movements for social justice and liberation. It will explore the major theories of race, ethnicity, class, gender and sexuality as they are linked to social structures and institutional processes. Specific examples of persecution, segregation, and asymmetric power relations will be drawn from the testimony of the oppressed throughout American history - in art, film, literature and music. The practices of oppression and

resistance in the United States will be compared and contrasted to the experiences of other nations and cultures.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

CSU - General Education - Breadth Requirements:

- Area D: Social Sciences

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 4: Social & Behavioral Sciences

C-ID:

- Social Justice Studies

Comparable course: SJS 110

LMC Local AA/AS - General Education Requirements:

- SB: Social and Behavioral Sciences
- EM: Ethnic/Multicultural Studies

Student Learning Outcomes:

- 1. Summarize the histories and experiences of oppressed ethnic, class, gender and sexual groups in the United States and their contributions to the development of American society.
- 2. Analyze the social and political construction of race, ethnicity, class, gender and sexual orientation, and how these concepts operate across social and cultural institutions.

- 3. Evaluate the ethical implications of patterns of social and political power that pervade racial, ethnic, class, gender and sexual relationships in the United States.
- 4. Analyze and evaluate the history of American social movements that have sought justice for oppressed racial, ethnic, class, gender and sexual groups.
- 5. Compare and contrast the American experience of oppression and liberation with that of other selected nations and cultures.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

ENGL-111 Creative Writing

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course allows departure from the usual expository forms and encourages the students to write creatively, experimenting with poetry, fiction, creative non-fiction and dramatic writing, learning to use words and expressions figuratively and literally to create pictures/conceptions that stir the imagination. The course will emphasize a focus on good writing habits, journaling and how to read as a writer as well as exploring ways to be involved in the literary community through performance and publication.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Read and discuss critically, both orally and in writing the genres of poetry, short stories and dramatic writing (plays/film) (PSLOs 1, 2, 3);
- 2. Write coherent and original short poems, short stories and one act dramatic writing scripts (PSLO 2);
- 3. Analyze and evaluate strengths and weaknesses of drafts and be able to apply feedback to improve writing skills in subsequent drafts (PSLOs 1, 2)

Grade Options:

- Pass/No Pass (P/NP)

- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

ENGL-113 Creative Writing: Poetry

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

In this introduction to poetry course, students will write, analyze, and critique poetry. While this course focuses on the creation of poetry, students will also analyze and critique classic and contemporary poetry from a range of genres and cultural perspectives. Students will learn to appreciate the diversity of voices in the world of poetry while writing their own poems and learning about the stylistic and technical elements of poetry.

Requisites:**Advisory**

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:**CSU - General Education - Breadth Requirements:**

- Area C2: Humanities

LMC Local AA/AS - General Education Requirements:

- C. Arts & Humanities

Student Learning Outcomes:

- 1. Analyze and recognize the stylistic and technical elements of poetry such as language, imagery, form, and figurative devices (e.g. metaphor, simile, symbolism) (PSLOs 1, 3, 4)
- 2. Analyze and respond to a stylistically and culturally diverse range of poetry from different time-periods (PSLOs 1, 2, 3, 4)
- 3. Recognize and practice the creative writing process by writing poems and critiquing student's own work (PSLOs 1, 2, 3)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

ENGL-114 Creative Writing: Introduction to Story

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

Students will learn how to craft vivid and compelling stories, drawn from life and imagination: the focus of the class will be fiction and creative non-fiction. They will learn the particular genre of the personal essay-important for scholarship and transfer applications-and vital in its own right. Students will explore literature from writers of diverse backgrounds and styles for inspirations and models, then bring to life their own narratives in a supportive community environment. Students will have the opportunity to take part in a public reading and/or self-publish their work.

Requisites:**Prerequisite**

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:**CSU - General Education - Breadth Requirements:**

- Area C2: Humanities

LMC Local AA/AS - General Education Requirements:

- C. Arts & Humanities

Student Learning Outcomes:

- 1. Analyze, recognize and practice the stylistic and technical elements of fiction and creative non-fiction such as character, setting, world-building, point of view, dialogue, theme, symbol and image, tone and style, pattern, rhythm and diction, and plot. (PSLO 1, 2, 3)
- 2. Analyze, recognize, and practice the narrative and expository elements of creative non-fiction. Creative non-fiction shows and tells, and may involve argument and the effective use of scene and summary. (PSLO 1, 2, 3)
- 3. Analyze and evaluate a stylistically and culturally diverse range of fiction and creative non-fiction. (PSLO 1, 2, 3)
- 4. Recognize and practice the creative writing process by writing stories and personal essays and critiquing student's own work. Recognize and practice the completion and publication of stories and personal essays. (PSLO 1, 2)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

ENGL-115 Creative Writing: Playwriting

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course examines the process of writing for the stage. Students learn both the history of dramatic writing through various stylistic movements and from multicultural perspectives, as well as practical instruction in crafting their own plays, with an eye toward eventual production or staged reading. Students of the course will follow the journey of seeing a play evolve from "the page to the stage." They might even have the chance to see their work produced at the LMC New Plays Festival in collaboration with the Drama Department.

Requisites:**Prerequisite**

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:**CSU - General Education - Breadth Requirements:**

- Area C2: Humanities

LMC Local AA/AS - General Education Requirements:

- C. Arts & Humanities

Student Learning Outcomes:

- 1. Analyze and recognize the stylistic and technical elements of playwriting, such as dramatic structure, creation of believable and compelling dialogue, creating conflict, plot, setting, creating sub-text and motivation for characters. (PSLOs 1,2)
- 2. Analyze and evaluate a stylistically and culturally diverse range of plays from different time-periods. (PSLOs 1,2,3,4)
- 3. Recognize and practice the creative writing process through various means, such as writing scenes and, ultimately, a full play, critiquing their own work, and offering constructive, positive feedback on writing by peers. (PSLO 1,2,3)
- 4. Recognize and practice the fundamental nature of playwriting as a collaborative art. (PSLO 1,2)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

ENGL-210 Introduction to Latino Literature and Its Latin American Roots

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is an introduction to the writing of Latino Americans and Latin Americans. It will explore Latino and Latin American literature by writers in the United States and Latin America, tracing the origins of Latino works to the literature and culture of various Latin American countries, and then showing the way in which Latino literature emerged as a distinct artistic form in the United States. Literature will be selected from a variety of genres including short stories, memoirs, novels, poems, and plays, and will exemplify the richness and diversity that give Latin American and Latino literature their appeal. Readings will emphasize the humanistic values that make literature a unifying and universalizing force in the world and will be studied within their historical, political, social, economic, and geographical contexts. By examining the connection between Latino and Latin American literature, students will learn more about the shared ground inherent in both groups.

Requisites:

Advisory
ENGL100 - College Composition

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

CSU - General Education - Breadth Requirements:

- Area C2: Humanities

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 3B: Humanities

LMC Local AA/AS - General Education Requirements:

- EM: Ethnic/Multicultural Studies
- AH: Arts and Humanities

Student Learning Outcomes:

- 1. Read critically a variety of texts written by Latino and Latin American authors; communicate effectively as a writer and speaker, analyzing and synthesizing these works. (GE 1, 3, 5; PSLO 1-3)
- 2. Think critically and creatively about the themes represented in Latino and Latin American literature, including themes of identity, family, gender, race/ethnicity, assimilation, and culture. (GE 2, 3, 5; PSLO 1, 2)
- 3. Identify and analyze the political and historical context of different Latin American groups' experiences, both in the United States and in their countries of origin, and evaluate the ethical implications of how those histories influence themes found in the literature. (GE 1-5; PSLO 1)
- 4. Interpret and synthesize themes found in the literature and intellectual movements of the various periods by writing essays demonstrating appropriate academic discourse and conventions of critical analysis. (GE 1, 2, 3, 5; PSLO 1-3)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

ENGL-211 Introduction to Chicano Literature

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is an introduction to Chicano literature. In this course, we will cover a range of genres including short stories, novels, poetry, memoirs, and plays from Chicano writers, beginning with cuentos and oral traditions to contemporary works. Although Chicanos have been writing in the United States since the sixteenth century, the bulk of our attention will be paid to the Chicano literary movement that began in the 1950's and continues with living writers. Students will read

selected works that will be analyzed within the context of socioeconomic, political, and historical movements; additionally, students will learn about the unique history and thematic concerns of Chicano writers.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 3B: Humanities

CSU - General Education - Breadth Requirements:

- Area C2: Humanities

LMC Local AA/AS - General Education Requirements:

- EM: Ethnic/Multicultural Studies
- AH: Arts and Humanities

Student Learning Outcomes:

- 1. Read critically a variety of texts written by Chicano authors; communicate effectively as a writer and speaker, analyzing and synthesizing these works. (GE 1, 3, 5; PSLO 1-3)
- 2. Think critically and creatively about the themes represented in Chicano literature, including themes of identity, border identity, family, gender, race/ethnicity, assimilation, and culture. (GE 2, 3, 5; PSLO 1, 2)
- 3. Identify and analyze the ways in which historical, socioeconomic, cultural and political forces influenced the development of Chicano literary expression, and evaluate the ethics behind the role that those forces played in shaping Chicano literature. (GE 1-5; PSLO 1)

- 4. Interpret and synthesize themes found in the literature by writing essays demonstrating appropriate academic discourse and conventions of critical analysis. (GE 1, 2, 3, 5; PSLO 1-3)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

ENGL-205 California Literature

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course presents literature written by Californians or that is about California, as a state and before. Students will read, discuss, and analyze the literature from a variety of genres: fiction and non-fiction, novels, short stories, diaries, poetry, drama, and film. The course and these genres will be taught from historical, social, economic, political, and ethnic perspectives. This is a transfer-level course that demands students maintain a high level of critical thinking (literal, interpretative, synthesis, and evaluative analysis) while learning about the canon of California literature.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

LMC Standard AA/AS - General Education Requirements:

- C. Arts & Humanities

CSU - General Education - Breadth Requirements:

- Area C2: Humanities

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 3B: Humanities

Student Learning Outcomes:

- 1. Read critically a variety of texts from the canon of California literature, communicate effectively as a writer and speaker, analyzing and synthesizing these works. (PSLOs 1, 2, 3, 5, GESLOs 1, 2)
- 2. Demonstrate an interdisciplinary approach to analyzing California's history, geography, and environments, in addition to racial, social, political, and economic concerns as reflected in the canon of California literature. (PSLOs 1, 2, 3, 4, 5, 8; GESLOs 1, 2, 4)
- 3. Think critically and creatively about the themes represented in the various genres of California literature. PSLOs 1, 2, 3, 4, 5, 8; GESLOs 1, 2, 3, 4

- 4. Consider the ethical implications of the fictional as well as non-fictional works of California literature, the actions of both historical and literary figures or groups, by discussing California literature within its multicultural historical, cultural, and political context. PSLOs 1, 2, 3, 4, 5; GESLOs 1, 2, 3, 4,
- 5. Develop a worldview of how the literature, culture, environment, and history of California are unique from any other region and its reflected writings. PSLOs 1, 2, 3, 4, 5, GESLOs 1, 2, 3, 4, 5.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

ENGL-124 Children's Literature

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course offers students the opportunity to read, discuss, and write about children's and adolescent literature from a variety of historical periods, and covers the three main genres: short stories (including, myths, legends, fairy tales and folk tales), poetry and the novel. It includes works from the oral tradition to the present, and focuses on analyzing the works themselves and understanding their social and cultural contexts. This course also explores current issues and controversies in the field of children's literature.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 3B: Humanities

CSU - General Education - Breadth Requirements:

- Area C2: Humanities

LMC Standard AA/AS - General Education Requirements:

- C. Arts & Humanities

Student Learning Outcomes:

- 1. Distinguish among the major historical periods in the evolution of children's and adolescent literature, and explain how children's books reflect the values and issues of the time in which the literary works are produced. (GESLOs 1, 3, 5; PSLOs 1, 2, 3)
- 2. Analyze selected works in different genres of children's literature using literary and visual elements. (GESLOs 1, 2, 3; PSLOs 1, 2, 3)

- 3. Identify and evaluate children's literature that reflects social and cultural diversity and promotes equity and awareness of representation and authorship. (GESLOs 1, 2, 3, 5; PSLOs 1, 2, 3)
- 4. Recognize, critically analyze and make ethical decisions about current conversations and controversies in children's literature. (GESLOs 1, 2, 3, 4, 5; PSLOs 1, 2, 3)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

ENGL-127 The Mythology and Literature of Ethnic Americans

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course will focus on the mythological dreams and/or folk tales, produced by African Americans, Indigenous Peoples of the United States (American Indians), Latino/Chicano, Asian-Americans and European Americans. Emphasis will be on the similarities and differences in the literature of these ethnic groups and the ways in which the respective literatures reflect each group's unique American experience.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:**CSU - General Education - Breadth Requirements:**

- Area C2: Humanities

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 3B: Humanities

LMC Local AA/AS - General Education Requirements:

- EM: Ethnic/Multicultural Studies
- AH: Arts and Humanities

Student Learning Outcomes:

- 1. Read critically and communicate effectively as a writer and speaker about the mythology, folktales and literature of African Americans, Indigenous Peoples of the United States (American Indians), Latino/Chicanos, Asian-Americans, and European Americans and explain the ways in which particular cultural histories shaped the myths, tales and literature of these groups.
- 2. Understand connections among disciplines and apply interdisciplinary approaches to problem solving and ethical inquiries by assessing various cultural similarities and

differences of African Americans, Indigenous Peoples of The United States, Latino/Chicanos, Asian-Americans and European Americans through historical, sociological and political lenses.

- 3. Think critically and creatively about the complexity and richness of ideas and language as reflected in the individual cultural characteristics of African Americans, Indigenous Peoples of The United States, Latino/Chicanos, Asian-Americans, and European American myth, tales and literature.
- 4. Apply a worldview informed by diverse social, multicultural, ethical and global perspectives by identifying individual human concerns as presented in the mythology, folktales and literature of African Americans, Indigenous Peoples of The United States, Latino/Chicanos, Asian-Americans, Asian-Americans and European Americans and synthesize commonalities between them.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

ENGL-128 Introduction to Asian American Literature

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is an introduction to Asian American literature. It focuses on particular contexts and theoretical issues that have informed the study of Asian American literature. Students will read from literature written by authors of various Asian American ethnic groups. They will be introduced to the unique history and thematic concerns of Asian American authors, as well as to the contexts in which this literature has been written. Students will also be introduced to the historical experience of Asian immigrants in the United States, and learn to connect literature to its historical and social context.

Requisites:

Advisory

[ENGL095 - Accelerated Reading, Writing and Critical Thinking Thinking](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 3B: Humanities

CSU - General Education - Breadth Requirements:

- Area C2: Humanities

LMC Local AA/AS - General Education Requirements:

- EM: Ethnic/Multicultural Studies
- AH: Arts and Humanities

Student Learning Outcomes:

- 1. Read critically a variety of texts from literature written by Asian American authors; communicate effectively as a writer in analyzing and synthesizing these works. (PSLO 1-2; GESLO 1, 2)
- 2. Think critically and creatively about the themes represented in Asian American literature, including themes of identity, family, gender/sexuality, race/ethnicity, assimilation and culture. (PSLO 1, 2; GESLO 1-5)
- 3. Investigate issues of race and class as they impact Asian American experience and evaluate ethical implications of how different Asian American groups have been discriminated against from entry into United States through the present. (PSLO 1, 2; GESLO 1-5)
- 4. Identify and analyze the political and historical context of different Asian American groups' experiences in the United States and the connection between those histories and the themes found in literature written by individual Asian American authors. (PSLO 1-3; GESLO 1-5)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

ENGL-129 Introduction to Contemporary African- American Literature

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is designed to offer students the opportunity to read widely and deeply in a selection of contemporary African American authors, beginning with the slave narrative, to the Harlem Renaissance, to the Civil Rights Movement, and ultimately to the cultural explosion of African-American Hip Hop Poets and artists of today. Students will be introduced to standard techniques of literary analysis as well as to the unique history and power of African American fiction, poetry, and plays.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

CSU - General Education - Breadth Requirements:

- Area C2: Humanities

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 3B: Humanities

LMC Local AA/AS - General Education Requirements:

- EM: Ethnic/Multicultural Studies
- AH: Arts and Humanities

Student Learning Outcomes:

- 1. Read widely and discuss critically, both orally and in writing, the context, history, and literary elements within the genre of African American Literature. (GE 1, PSLO 1,2, 3)
- 2. Analyze African American poems, songs, stories and plays and apply that analysis to the quest for justice in an unjust society. (GE1,3 PSLO 2,3)
- 3. Develop a coherent historical perspective regarding the development of African American literatures and analyze the relationship between African American history and politics in the United States. (GE 2, 3; PSLO 2,3,4)
- 4. Make ethical judgments around the issues of race and class in this society, and explain how historically African Americans have been treated in an unfair and/ or unjust manner in this country, from the era of slavery, through Jim Crow, to Civil Rights Movement, to the present day. (GE 4,5; PSLO 2,3,4)
- 5. Develop a worldview of how the culture and history of African-American literature contributes to race, class and culture within the larger dominant societies here and abroad. (GE 4,5; PSLO 1,2,3,4)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

ENGL-231 Mystery and Detective Literature

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

Mystery and Detective Literature course leads students in reading, discussing, and writing about mystery and detective stories and novels from a variety of historical periods, nations, and cultures. The history and development of the sub-genres will also be examined as well as the contributions of the mystery and detective novel to the evolution of literature in general. Since mystery and detective novels reward a close reading and celebrate the powers of observation, they offer an excellent opportunity to examine readings in depth while exercising the highest level of critical thinking.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:**CSU - General Education - Breadth Requirements:**

- Area A3: Critical Thinking
- Area C2: Humanities

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 3B: Humanities
- Area 1B: Critical Thinking - Composition

C-ID:

- English

Comparable course: English 105

LMC Local AA/AS - General Education Requirements:

- C. Arts & Humanities

Student Learning Outcomes:

- 1. Think critically and creatively about the themes represented in mystery and detective genre, such as greed, feminism, intellect, and racism. (GE 1, 2, 3, 4, 5; PSLO 1, 2)
- 2. Consider historical, socioeconomic, cultural, and political influences in the development and evolution of the genre. (GE 1, 2, 3, 5; PSLO 1, 2)
- 3. Both as a writer and speaker, communicate critically, creatively, and/or personally to explore the craft of mystery and detective literature. (GE SLO 3; PSLO 2, 3)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

ENGL-132 Literature of the Fantastic: Myth, Fantasy, and Science Fiction

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

Selected listening and reading from the myths, tales, stories and novels of imaginative literature to broaden familiarization and to stimulate interests; some analysis of the art form as a metaphor to describe the human condition with links to sociological, historical and psychological perspectives. Genres explored include classical mythology, fairy tales, fantasy, science fiction, speculative fiction, and Gothic/horror, and other literatures that emphasize the fantastic.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

CSU - General Education - Breadth Requirements:

- Area C2: Humanities

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 3B: Humanities

LMC Local AA/AS - General Education Requirements:

- AH: Arts and Humanities

Student Learning Outcomes:

- CSLO 1: Read short stories, tales, legends and novels in imaginary literature by analyzing literary elements such as plot, character, theme, setting, metaphor, and mood. (PSLO 1, 2, GE SLO 1)
- CSLO 2: Write critically and/or creatively to explore the craft of imaginary literature. (PSLO 2,3, GE SLO 3)
- CSLO 3: Use critical thinking skills to connect literary themes to current and historical events, as well as sociological, psychological and political topics that are raised by imaginative literature (PSLO 1, 2, GE SLO 3, 4.5)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

ENGL-133 Race, Ethnicity, and Gender in Popular Fiction and Film

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course explores the effects on American culture of Hollywood's cinematic representation of race, ethnicity and gender through a critical examination of selected popular films and novels discussed within their historical setting.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

CSU - General Education - Breadth Requirements:

- Area C2: Humanities

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 3B: Humanities

LMC Local AA/AS - General Education Requirements:

- EM: Ethnic/Multicultural Studies
- AH: Arts and Humanities

Student Learning Outcomes:

- 1. Compare and contrast effectively in written and oral form the representations of American “minorities” as well as their experiences in movies and novels. (GE # 1, 5) (PSLO #2, 3, 4)
- 2. Analyze how popular films and fiction serve to acculturate and assimilate diverse groups and how some perpetuate ethnic and gender stereotypes. (GE #4, 5) (PSLO #1, 2, 3, 4, 5)
- 3. Critically analyze in written and oral forms the factors in film and literature that have helped shape our perceptions, assumptions, beliefs and knowledge about different racial, cultural and ethnic groups as well as the concepts of “Otherness” and “Community” and how these factors have affected or reflected the treatment of these groups by American society. (GE #1, 2, 3, 5) (PSLO # 1, 2, 3, 4, 5, 7)
- 4. Recognize, critically analyze and make ethical decisions about complex social problems and issues such as prejudice, discrimination, sexism and racism in society as reflected in popular movies, fiction, and essays. (GE #3, 4, 5) (PSLO #1, 2, 3, 4, 6)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

ENGL-135 Introduction to LGBTQ+ Studies

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

(Same as SJS-135) LGBTQ+ Studies (Lesbian, Gay, Bisexual, Transgender, Queer, and "Plus." The "plus" represents other sexual and gender identities including pansexual, intersex, non-binary, two-spirit, and more). LGBTQ+ Studies takes an intersectional, interdisciplinary, multicultural approach to examining the historical, political, social and cultural issues that have affected LGBTQ+ people throughout time and globally. This class emphasizes that everyone has a gender and sexuality and in this sense explores the strengths of our differences. Students will study people from a wide variety of cultures, and gain a greater understanding of how matters of sexual orientation and gender identity impact and intersect with issues of class, race, ethnicity, ability, nationality, religion and mental health.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:**CSU - General Education - Breadth Requirements:**

- Area D: Social Sciences

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 4D: Gender Studies

LMC Standard AA/AS - General Education Requirements:

- E. Ethnic/Multicultural Studies

C-ID:

- Social Justice Studies

Comparable course: SJS 130

Student Learning Outcomes:

- 1. Read and respond to a variety of interdisciplinary, intersectional texts (essays, literature, visual art, film, music) about LGBTQ+ history and culture. Students will think critically and creatively about these works through writing and discussion, synthesis and analysis. (PSLO 1-5, GSLO 1-3, 5)
- 2. Investigate and determine how issues related to sexual orientation and gender identity impact not only LGBTQ+ people but everyone in society. (PSLO 1-5, GSLO 1-3, 5)
- 3. Evaluate the ethical implications of how systems such as cis-heteropatriarchy, white supremacy, colonization, capitalism, ableism, and religious intolerance have created injustices and marginalized communities. (PSLO 1-5, GSLO 1-5)
- 4. Develop an awareness of, describe, and analyze the contemporary contributions of the LGBTQ+ community and their impact throughout history. (PSLO 1-5, GSLO 1-3, 5)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

ENGL-136 Introduction to Gender Studies

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

Same as SJS-136. Introduction to Gender Studies introduces students to foundational concepts in the field of gender studies. This course compares and contrasts sociological perspectives used to interpret gender. Through the course, students will understand key terms in gender studies, identifying differences between sex and gender and examining how these terms function within a larger social context. The course asks students to understand the main agents behind gender construction for both children and adults while identifying how these constructions operate across social and cultural institutions. Also, students will recognize the relationships between race, ethnicity, class, and sexuality as well as how power is negotiated within those relationships. Finally, students will gain a firm understanding of the social and political movements that have worked to change gender inequalities.

Requisites:**Advisory**

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 4: Social & Behavioral Sciences

CSU - General Education - Breadth Requirements:

- Area D: Social Sciences

C-ID:

- Sociology

Comparable course: SOCI-140

LMC Local AA/AS - General Education Requirements:

- EM: Ethnic/Multicultural Studies
- SB: Social and Behavioral Sciences

Student Learning Outcomes:

- 1. Define the sociological perspectives used to interpret gender
- 2. Differentiate between sex and gender and examine how those terms are used within a larger social context
- 3. Determine the main agents behind the social construction of gender for both children and adults and analyze how those constructions operate across social and cultural institutions
- 4. Evaluate the relationships between race, ethnicity, class, and sexuality and determine how power is negotiated within these relationships
- 5. Investigate the social and political movements that have worked to change gender inequalities and critique the practices that affect social change

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

ENGL-144 Hip Hop as Lit

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course explores hip hop as a form of literary and linguistic art, focusing on the ways that artists such as Afrika Bambaataa, Rakim, Queen Latifah, Nas, Jay Z, Tupac, and others use the genre as a form of expression that, oftentimes, serves distinct social, cultural and political purposes. Primarily through the analysis of song lyrics, students will not only trace the historical, cultural, and regional influences of hip hop, but they will also examine the ways that hip hop can be – as Michael E. Dyson points out – considered as a form that both counters and reflects dominant culture. To aid in this analysis, students will be introduced to relevant elements of literature and other text explication tools. In addition to looking at MCs and their lyrics, this course will examine the other pillars of hip hop, including turntablism, fashion, graffiti, b-boying, and knowledge. Such examination will be contextualized through selected readings from artists, music critics, and scholars.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

LMC Standard AA/AS - General Education Requirements:

- C. Arts & Humanities

CSU - General Education - Breadth Requirements:

- Area C2: Humanities

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 3B: Humanities

Student Learning Outcomes:

- 1. Think critically and creatively about intersectionality and hip hop, particularly how hip hop expresses culture, politics, gender and sexuality. (GE 1, 2, 3, 4, 5; PSLO 1, 2)
- 2. Consider historical, social, and regional influences in the development and evolution of hip hop (GE 1, 2, 3, 5; PSLO 1, 2)
- 3. Both as a writer and speaker, communicate critically, creatively, and/or personally to explore the craft of hip hop (PSLO 2, 3; GE SLO 3)
- 4. Demonstrate understanding of common literary terms and apply them to the analysis and explication of specific texts within the genre. (PSLO 2, 3; GE SLO 1, 3)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

ENGL-146 Hip Hop Queens

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

A sister course to English 144, this course will likewise explore hip hop as a form of literary and linguistic art. However, this course focuses specifically on the women in hip hop and their contributions to the culture. This course, then, will not focus on women in hip hop as simply artists performing within a musical genre, but rather as social and cultural disrupters. More importantly, this course will review the contributions from artists such as MC Sha-Rock, Roxane Shanté, Queen Latifah, Lauryn Hill, Lil' Kim, Cardi B, Nikki Minaj and others, focusing specifically on how each reflect and reject social and cultural norms. Students will read a variety of non-fiction texts to both define and contextualize the social and political forces that shape women artists in hip hop while also analyzing song lyrics to discover how women in hip hop subvert dominant cultural norms. As part of this focus on analysis, students will also be introduced to traditional elements of literature, such as metaphor, anaphora and others.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

CSU - General Education - Breadth Requirements:

- Area C2: Humanities

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 3B: Humanities

LMC Local AA/AS - General Education Requirements:

- AH: Arts and Humanities

Student Learning Outcomes:

- Both as a writer and speaker, communicate critically, creatively, and/or personally to explore intersectionality and hip hop, particularly how women in hip hop navigate culture norms around race, gender and sexuality. (GESLO 1, 4; PSLO 1, 2)
- Investigate issues central to sexism and misogyny in hip hop, including representations and performance of gender and sexuality, as well as the sexual economies produced by the culture (GESLO 4; PSLO 1, 2)
- Analyze hip hop as a form of oppositional culture — one that demonstrates distrust, anger, resistance, and critique of a racist and discriminatory society, particularly as it relates Black and Latinx populations. (GESLO 4; PSLO 1, 2)
- Demonstrate understanding of common literary terms and apply them to the analysis and explication of specific texts within the genre. (GESLO 4; PSLO 2, 3)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

ENGL-150 Lesbian, Gay, Bisexual, Transgender, and Queer Literature

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

Lesbian, Gay, Bisexual, Transgender, and Queer (LGBTQ+) Literature offers students the opportunity to foster a deeper understanding of and appreciation for literature that represents the worldviews and experiences of individuals and communities who have been marginalized throughout history on the basis of their non-normative sexualities and gender identities. LGBTQ+ Literature surveys the imaginative writing that considers lesbian, gay, bisexual, transgender and queer themes. By studying texts that represent a span of human history and multicultural contexts, students will gain insight into the ways in which constructions of gender and sexuality have developed over time and understand the ways in which various cultural attitudes toward LGBTQ+ people have impacted the production and reception of literature dealing with LGBTQ+ individuals and communities.

Requisites:

Advisory

ENGL100 - College Composition

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:**LMC Standard AA/AS - General Education Requirements:**

- C. Arts & Humanities

CSU - General Education - Breadth Requirements:

- Area C2: Humanities

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 3B: Humanities

Student Learning Outcomes:

- 1. Orally and in writing, identify authors, works, genres, and themes in literature by and about LGBT people. (GESLO 1)
- 2. Orally and in writing, investigate how issues of race, class, sexual orientation and gender identity impact LGBT people, and evaluate the ethical implications of how LGBT people have been discriminated against in various cultures and time periods. (GESLO 1, 2, 3, 4, 5)
- 3. Interpret LGBT literary texts within their socio-historical contexts, and analyze how LGBT people are influenced by their time, culture, and perspective, by writing essays using appropriate academic discourse and conventions of critical literary analysis. (GESLO 1, 2, 3, 4, 5)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

ENGL-180 An Introduction to Shakespeare

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

The arts can change perceptions, and knowledge of the classics has great potential to empower the diverse LMC community. We will study Shakespeare's drama, sonnets, film adaptations, staged adaptations, in-class performances. We will exchange points of view as we work together to develop our understanding of selected plays in the genres of romantic comedy, history, mixed-genre, tragedy, and romance. Through class and group discussion, writing assignments, creative assignments and stagings, the class shall explore the social, sexual, political, performative, and formal issues that these texts represent, and consider Shakespeare's development as a playwright. This course examines the classics in a way that welcomes all students regardless of background or perception of Shakespeare. The course aims to connect the modern experience of communities of color, BIPOC, and queer and trans folx with Shakespeare.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:**CSU - General Education - Breadth Requirements:**

- Area C2: Humanities

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 3B: Humanities

Student Learning Outcomes:

- 1. Analyze works by Shakespeare within their literary, historical, political and social contexts, both orally and in writing, considering aesthetic qualities, language, character, and theme. (GESLO 1, PSLO 1)
- 2. Demonstrate an understanding of cultural functions of Shakespeare's works from his time to our own, especially with regards to BIPOC and queer and trans communities, and apply interdisciplinary and critical lenses to support these understandings. (PSLOs 1,2,3)
- 3. Interpret, respond to, examine, and compare theatrical stagings and/or films based on Shakespeare's plays. (PSLO 2,3)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

ENGL-220 Critical Thinking

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

Students critically examine popular culture artifacts using concepts of rhetoric such as rhetorical situation and rhetorical appeals. They analyze diverse, contemporary, and culturally relevant written and multi-media texts, looking for various elements of thinking, discourse, and argument, including inductive and deductive reasoning. Students evaluate and criticize diverse and culturally relevant written and multi-media texts. They identify and explain logical fallacies (formal and informal), instances of bias or deception, and various strengths and weaknesses of arguments and information sources. Finally, they demonstrate college-level writing skills in the analysis, evaluation, and advocacy of ideas

Requisites:

Prerequisite

ENGL100 - College Composition

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:**CSU - General Education - Breadth Requirements:**

- Area A3: Critical Thinking

LMC Local AA/AS - General Education Requirements:

- LR: Language and Rationality

Student Learning Outcomes:

- 1. Critically examine popular culture artifacts using concepts of rhetoric such as rhetorical situation and rhetorical appeals.
- 2. Analyze diverse, contemporary, and culturally relevant written and multi-media texts. Analyze for various elements of thinking, discourse, and argument, including inductive and deductive reasoning. (PSLO 1 and 2)
- 3. Evaluate and criticize diverse and culturally relevant written and multi-media texts. Identify and explain logical fallacies, instances of bias or deception, and various strengths and weaknesses of arguments and information sources. (PSLO 1 and 2)
- 4. Demonstrate English 220 critical thinking skills in writing. (PSLO 3)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

ENGL-221 Advanced Composition and Critical Thinking

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is designed to provide advanced composition and critical thinking instruction, with a focus on non-fiction reading, argument analysis, and academic writing. Students analyze and evaluate arguments from diverse perspectives on controversial, contemporary, relevant issues. Students learn to write well-reasoned, fully-developed argument essays and prepare for the level of work expected at 4-year institutions.

Requisites:

Prerequisite

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

C-ID:

- English

Comparable course: ENGL 105

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 1B: Critical Thinking - Composition

CSU - General Education - Breadth Requirements:

- Area A3: Critical Thinking

LMC Local AA/AS - General Education Requirements:

- C. Arts & Humanities

LMC Local AA/AS - General Education Requirements:

- LR: Language and Rationality

Student Learning Outcomes:

- 1. Read and think critically: (a) Analyze arguments to identify various logical, evidence-related, and rhetorical features. (b) Evaluate arguments for their strengths and weaknesses. (c) Demonstrate information literacy by critically evaluating sources of information and ideas, and by finding and assessing new sources relevant to the major essays.
- 2. Write well-reasoned, coherent argument essays about important, controversial, contemporary issues. Essays successfully synthesize several scholarly and (credible) journalistic sources, grapple effectively with diverse perspectives, show facility with academic prose at an advanced composition level, and show readiness for upper division courses and transfer to a 4-year institution.

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

ENGL-230 Thinking and Writing Critically about Literature

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course continues the development of students' college-level skills in reading, critical thinking, writing, and research, focusing on critically analyzing and writing about poetry, drama, fiction, and other literary texts. Essays (totaling 5,000 words minimum) present carefully reasoned arguments, using literary analysis and critical theory.

Requisites:**Prerequisite**

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

C-ID:

- English

Comparable course: ENGL 120

CSU - General Education - Breadth Requirements:

- Area A3: Critical Thinking
- Area C2: Humanities

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 1B: Critical Thinking - Composition
- Area 3B: Humanities

LMC Local AA/AS - General Education Requirements:

- AH: Arts and Humanities
- LR: Language and Rationality

Student Learning Outcomes:

- 1. Apply literary critical approaches to multiple genres of literature, including poetry, drama, and fiction (PSLOs 1, 2)
- 2. Critically analyze the structure of arguments in literature and literary criticism. (PSLOs 1, 2, 3)
- 3. Write critical essays that employ strategies such as analysis, interpretation, explication, synthesis, persuasion, and evaluation, with appropriate citation. (PSLOs 1, 2, 3)
- 4. Research and analyze critical and scholarly sources and incorporate relevant and valid supporting evidence in essays. (PSLOs 1, 3) (GESLO 2)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours**Lecture Hours**

3.0

Lab Hours

0.0

Activity Hours

0.0

ENGL-140 Survey of World Literature I: Antiquity To Mid-17th Century

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

Survey of World Literature I is a comparative study of selected works, in translation and in English, of literature from around the world, including Europe, the Middle East, Asia, Africa, and other areas, from antiquity to the mid or late seventeenth century. Students apply basic terminology and devices for interpreting and analyzing literature while focusing on a variety of genres. They also work with critical reading strategies to write about comparisons, or contrasts, as appropriate in a baccalaureate, transfer-level course.

Requisites:

Prerequisite

ENGL100 - College Composition

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:**C-ID:**

- English

Comparable course: ENGL-140

CSU - General Education - Breadth Requirements:

- Area C2: Humanities

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 3B: Humanities

LMC Local AA/AS - General Education Requirements:

- AH: Arts and Humanities

Student Learning Outcomes:

- 1. Demonstrate familiarity with authors, works, genres, and literary elements within world literature from antiquity to the mid-17th century. (PSLO 1)
- 2. Analyze and interpret themes across literature and intellectual movements of the various periods from antiquity to the mid-17th century. (PSLOs 1, 2, 3)
- 3. Relate and evaluate the literary works to their historical, philosophical, social, political, religious, regional, and/or aesthetic context. (PSLOs 1, 2, 3)
- 4. Demonstrate critical literary analysis through written exams and/or essays using appropriate citation. (PSLOs 1, 2, 3)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

ENGL-145 Survey of World Literature II: Mid-17th Century to Present

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

Survey of World Literature II is a comparative study of selected works, in translation and in English, of literature from around the world, including Europe, the Middle East, Asia, Africa, and other areas, from the mid or late seventeenth century to the present. Students apply basic terminology and devices for interpreting and analyzing literature while focusing on a variety of genres. They also work with critical reading strategies to write about comparisons, or contrasts, as appropriate in a baccalaureate, transfer course.

Requisites:**Prerequisite**

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:**CSU - General Education - Breadth Requirements:**

- Area C2: Humanities

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 3B: Humanities

C-ID:

- English

Comparable course: ENGL 145

LMC Local AA/AS - General Education Requirements:

- C. Arts & Humanities

Student Learning Outcomes:

- 1. Identify authors, works, genres, and themes from the mid-17th century to present.
- 2. Relate and evaluate the literary works to their historical, philosophical, social, political, religious, regional, and/ or aesthetic contexts from the mid-seventeenth century to the present.
- 3. Analyze and interpret themes found in the literature and intellectual movements of the period by writing essays, demonstrating appropriate academic discourse and conventions of critical literary analysis.

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

Ethnic Studies

Program Information

Ethnic Studies operates from the understanding that race and racism continue to have profound powerful social and cultural forces in American society. It resists all forms of colonialism and resists the systemic manifestations through its very existence in academia. Students who earn an Associate in Arts Degree in Ethnic Studies will be educated politically, socially, and economically and will use this knowledge to enact social justice, encourage social responsibility, and create social change in any area of work that they enter. The degree requires a minimum of 18 units lower division work in Ethnic Studies and related disciplines combined with the California State General Education Pattern to prepare students to take upper division courses at a California State University.

Courses in the Ethnic Studies degree will center the epistemic knowledge and pedagogies of Black/ African Americans, Asian Americans and Asian Pacific Islander, Chicanx and Latinx, and Indigenous/Native American peoples of the United States. The methodological framing emphasizes structural dimensions of race and racism and associated cultural dimensions.

The major purpose of the degree is to give students core competencies in five learning outcomes:

1. Analyze and articulate racial topics, such as racism, racialization, ethnicity, equity, ethno-centrism, eurocentrism, white supremacy, self-determination, liberation, decolonialization, etc.
2. Apply theory and knowledge produced by Native Americans/Indigenous, African Americans, Asian Americans and Asian Pacific Islanders, and Chicanx/Latinx communities to describe critical events, histories, cultures, intellectual traditions, contributions, lived experiences, and social struggles of those groups with a particular emphasis on agency and group affirmation.
3. Critically analyze intersections of race and racism as they relate to class, gender, sexuality, religion, spirituality, national origin, immigration status, ability, tribal citizenship, sovereignty language, age, and ability.
4. Critically review how struggle, resistance, racial and social justice, solidarity, and liberation as experienced and enacted by Native Americans/Indigenous, African Americans, Asian Americans and Asian Pacific Islanders, and Chicanx/Latinx communities are relevant to current and structural issues such as communal, national, international, and transnational politics, that could include topics such as immigration, reparations, language politics, etc.
5. Describe and actively engage with anti-racist and anti-colonial issues and the practices and movements in Native Americans/Indigenous, African Americans, Asian Americans and Asian Pacific Islanders, and Chicanx/Latinx communities as they work toward a just and equitable society.

The program will serve all students that want to earn a degree in Ethnic Studies and will provide classes for the GE transfer requirement to CSU campuses, Area F. As a college with 78% of the student body identifying as a student of color, with a large majority being Latinx, this program will especially reach these individuals.

Degrees and Certificates

[Ethnic Studies, Associate of Arts](#)

Course Information

[ETHN045 - Introduction to Black Studies](#)
[ETHN101 - Introduction to Ethnic Studies](#)
[ETHN102 - Critical Thinking in Ethnic Studies](#)
[ETHN103 - Racial and Ethnic Justice Movements](#)
[ETHN110 - Introduction to Native American/Indigenous Studies](#)
[ETHN111 - Introduction to Chicanx Studies](#)
[ETHN112 - Introduction to Latinx Studies](#)
[ETHN113 - Introduction to Asian American & Pacific Islander Studies](#)
[ETHN120 - Immigrant Experiences in the U.S.](#)
[ETHN121 - Critical Race Feminisms](#)

[Back to department listing](#)

Ethnic Studies, Associate of Arts

A.A. Degree Local

[Print Page](#)

[Back to department listing](#)

Units:

60.0 units

This two-year degree program of study leads to transfer to a four-year college where students can continue their education and pursue an Ethnic Studies major, which includes comparative Ethnic Studies, Latinx Studies, Chicanx Studies, Black/African American Studies, Asian American and Asian Pacific Islander Studies, and Indigenous/Native American Studies. As a discipline, Ethnic Studies provides pedagogical, intellectual, and social benefits through its curriculum and community and student-centered approach to scholarship. Ethnic Studies empowers students as holders and creators of knowledge. When they enter the classroom spaces, they are students, leaders, and educators. Ethnic Studies affirms community cultural wealth, decolonizes racist systemic practices, and provides a space for healing, transformative and anti-racist education, and community building. Ethnic Studies creates bridges across racial differences while celebrating diversity. An Associate of Arts Degree in Ethnic Studies offers a transdisciplinary approach to the study of racialized communities, which includes Black/African American, Latinx/Chicanx, Asian American and Asian Pacific Islander, and Indigenous/Native American communities. The transdisciplinary approach incorporates theories of race and ethnicity as it challenges dominant normative stories that can be found in identity politics, culture, art, literature, politics, history, and local and global society. The program provides practical training for careers in education, politics, social work, counseling and psychology, nonprofit work, the fine arts, and many related fields that rely on the ability to work with a culturally diverse population. The degree requires a minimum of 18 units lower division work in Ethnic Studies and is combined with the California State General Education Pattern to prepare students to take upper division courses at a California State University.

Toggle

Program Learning Outcomes

- . Analyze and articulate racial topics, such as racism, racialization, ethnicity, equity, ethno-centrism, eurocentrism, white supremacy, self-determination, liberation, decolonialization, etc
- Apply theory and knowledge produced by Native Americans/Indigenous, African Americans, Asian American and Asian Pacific Islanders, and Chicanx/Latinx communities to describe critical events, histories, cultures, intellectual traditions, contributions, lived

experiences, and social struggles of those groups with a particular emphasis on agency and group affirmation

- Critically analyze intersections of race and racism as they relate to class, gender, sexuality, religion, spirituality, national origin, immigration status, ability, tribal citizenship, sovereignty language, age, and ability.
- Critically review how struggle, resistance, racial and social justice, solidarity, and liberation as experienced and enacted by Native Americans/Indigenous, African Americans, Asian Americans and Asian Pacific Islanders, and Chicanx/Latinx communities are relevant to current and structural issues such as communal, national, international, and transnational politics, that could include topics such as immigration, reparations, language politics, etc.
- Describe and actively engage with anti-racist and anti-colonial issues and the practices and movements in Native Americans/Indigenous, African Americans, Asian Americans and Asian Pacific Islanders, and Chicanx/Latinx communities as they work toward a just and equitable society.

Toggle

Program Requirements

A.A. Degree Local

Required Courses (Total 18)

Complete all of the following

[ETHN101 - Introduction to Ethnic Studies](#) 3

[ETHN102 - Critical Thinking in Ethnic Studies](#) 3

[ETHN103 - Racial and Ethnic Justice Movements](#) 3

Choose two courses (Total 6)

Complete the following number of credits: 6

[ETHN045 - Introduction to Black Studies](#) 3

[ETHN110 - Introduction to Native American/Indigenous Studies](#) 3

[ETHN111 - Introduction to Chicanx Studies](#) 3

[ETHN112 - Introduction to Latinx Studies](#) 3

[ETHN113 - Introduction to Asian American & Pacific Islander Studies](#) 3

Electives (Total 3)

Complete the following number of credits: 3

[ETHN120 - Immigrant Experiences in the U.S.](#) 3

[ETHN121 - Critical Race Feminisms](#) 3

[ETHN123 - Statistical Methods for Ethnic Studies](#) 3

ETHN-045 Introduction to Black Studies

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

Introduction to Black Studies takes an anti-racist approach to examining racial, ethnic, historical, political, social, and cultural issues, such as anti-blackness and policing of Black bodies, that affect Black, African American, Afro-Latinx, and people of African origin worldwide. Students will utilize an Ethnic Studies and interdisciplinary approach with a focus on Black academic and non-academic knowledge production. Students will acquire a deeper understanding and appreciation for the contributions that Black people have made to human civilization. The class will interrogate the intersections of race, ethnicity, nationality, gender, sexuality, class, ability, and mental health as they relate to Black experiences.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

CSU - General Education - Breadth Requirements:

- Area D: Social Sciences
- Area F: Ethnic Studies

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 4: Social & Behavioral Sciences

LMC Local AA/AS - General Education Requirements:

- EM: Ethnic/Multicultural Studies
- SB: Social and Behavioral Sciences

Student Learning Outcomes:

- 1. Read, write, and speak critically on concepts such as race and racism, antiracism, ethnicity, equity, white supremacy, and the liberation of Black bodies as it relates to Black Studies, African American Studies, and Africana Studies. (GESLO 1, 3) (PSLO 1, 2)
- 2. Recognize and analyze the intersections of race and racism using an interdisciplinary and intersectional framing, as it relates to slavery, colonialism, heterosexism, cis-sexism, ableism, and capitalism, which oppresses Black and multi-racial identities and communities globally and evaluate the social group dynamics and resistance that advance and empower these same communities. (GESLO 3) (PSLO 1, 4)
- 3. Analyze Black knowledge production and contributions in American and global society in the academy and in science, technology, film, television, music, art, and social movements and apply standards of ethical inquiry to their representation as social and cultural standards. (GESLO 2) (PSLO 1, 5)
- 4. Identify and evaluate how white supremacy and anti-blackness are resisted by embracing anti-racist practices that support racial and social justice, liberation, equity, ethics, and cultural empowerment in Black communities. (GESLO 4, 5) (PSLO 3, 4)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours**Lecture Hours**

54.0

Lab Hours

0.0

Activity Hours

0.0

ETHN-101 Introduction to Ethnic Studies

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

Introduction to Ethnic Studies is a comparative and transdisciplinary examination of the experiences of African American/Black, Native American/Indigenous, Asian American, Asian Pacific Islander, Chicax/Xicanx, and Latinx communities in the United States from the colonial era to today. Students will discuss and analyze key theories and concepts from the field of Ethnic Studies, including Critical Race Theory (CRT), coloniality, migration, double-consciousness, colorblind racism, decolonial practices, and the “Wages of Whiteness,” among other topics, to grant students conceptual tools for the discussion of race and ethnicity in U.S. society. Through an intersectional analysis, students will interrogate categories of identity and power including race, ethnicity, class, gender, sexuality, religion, age, and ability. Particular emphasis will be placed on historical and contemporary discussion of African American/Black, Native American/Indigenous, Asian American, Asian Pacific Islander, Chicax/Xicanx, and Latinx communities, including comparative and transnational lenses. The course will also discuss whiteness as an integral part of the construction of race with a particular emphasis on the persistence of social inequalities and the continual struggle and advances for racial justice and anti-racist activism in society.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:**CSU - General Education - Breadth Requirements:**

- Area D: Social Sciences
- Area F: Ethnic Studies

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 4: Social & Behavioral Sciences
- Area 4C: Ethnic Studies
- Area 4G: Interdisciplinary, Social, and Behavioral Sciences
- Area 7

LMC Local AA/AS - General Education Requirements:

- SB: Social and Behavioral Sciences
- EM: Ethnic/Multicultural Studies

Student Learning Outcomes:

- Analyze and articulate Ethnic Studies concepts such as race and racism, racialization, ethnicity, equity, ethno-centrism, eurocentrism, white supremacy, self-determination, liberation, decolonization, sovereignty, imperialism, settler colonialism, and anti-racism with particular emphasis placed on discussions of African American/Black, Native American/Indigenous, Asian American, Asian Pacific Islander, Chicanx/Xicanx, and Latinx communities, including comparative and transnational lenses.
- Apply Ethnic Studies theory and knowledge produced by African American/Black, Native American/Indigenous, Asian American, Asian Pacific Islander, Chicanx/Xicanx, and Latinx communities to describe the critical events, histories, cultures, intellectual traditions, contributions, lived-experiences and social struggles with a particular emphasis on their relationship to one another, agency, and group-affirmation.
- Illustrate the application and significance of the social construction of race, including whiteness, blackness, and otherness as it relates to African American/Black, Native American/Indigenous, Asian American, Asian Pacific Islander, Chicanx/Xicanx, and Latinx communities and examine the relative attitudes and intersections of race and racism, gender roles, sexuality, class, religion, spirituality, ability, age, tribal citizenship, and language in their respective communities.
- Critically review how struggle, resistance, racial and social justice, solidarity, and liberation, as experienced and enacted by African American/Black, Native American/Indigenous, Asian American, Asian Pacific Islander, Chicanx/Xicanx, and Latinx communities are relevant to current and structural issues, such as communal, national, international, and transnational politics as, for example, in immigration, reparations, settler-colonialism, multiculturalism, and language policies.
- Describe and actively engage with anti-racist and anti-colonial issues, practices, and movements in African American/Black, Native American/Indigenous, Asian American, Asian Pacific Islander, Chicanx/Xicanx, and Latinx communities as they work toward racial justice.

Grade Options:

- Pass/No Pass (P/NP)

- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

ETHN-102 Critical Thinking in Ethnic Studies

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

Critical Thinking in Ethnic Studies is a course that applies analytical tools to rhetoric, tropes, inductive and deductive reasoning, logical fallacies, and other semiotic devices surrounding racial discourse. The course is designed to provide students critical thinking skills that focus on Native American/Indigenous, Black/African American, Asian American, Asian Pacific Islander, and Chicana/Latina communities. The course focuses on culturally relevant topics, including examination of political speeches and popular culture, thus offering examples of dominant narratives

and decolonial narratives of resistance. A primary objective of this course is to examine the rhetorics of racism, identifying cultural productions by people of color versus those about people of color, and selected debates about eurocentrism, white supremacy, liberation, decolonization, and anti-racist rhetorical devices. Students will receive a comparative analysis drawn from a range of racial and ethnic depictions of Native American/Indigenous, Black/African American, Asian American, Asian Pacific Islander, and Chicanx/Latinx communities.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

CSU - General Education - Breadth Requirements:

- Area A3: Critical Thinking
- Area D: Social Sciences
- Area F: Ethnic Studies

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 4: Social & Behavioral Sciences
- Area 4C: Ethnic Studies
- Area 4G: Interdisciplinary, Social, and Behavioral Sciences
- Area 7

LMC Local AA/AS - General Education Requirements:

- SB: Social and Behavioral Sciences
- EM: Ethnic/Multicultural Studies

Student Learning Outcomes:

- Analyze and articulate the basic principles of Ethnic Studies for analysis of rhetoric and argument strategies, such as inductive and deductive reasoning, as they pertain to topics such as race and racism, racialization, ethnicity, equity, ethno-centrism, eurocentrism,

white supremacy, self-determination, liberation, decolonization, sovereignty, imperialism, settler colonialism, and anti-racism.

- Apply theory and knowledge produced by Native American/Indigenous, Black/African American, Asian American, Asian Pacific Islander, and Chicanx/Latinx communities to analyze the critical social, cultural, historical, and political events that impact these racialized groups, with a particular emphasis on demonstrating effective analysis, support, and documentation of examples of agency and group-affirmation.
- Critically discuss media and popular cultural texts for their use of common narratives, stereotypes, tropes, and fallacies regarding Native American/Indigenous, Black/African American, Asian American, Asian Pacific Islander, and Chicanx/Latinx communities and the ethical implications of such representations, and critically analyze the intersection of race and racism as they relate to class, gender, sexuality, religion, spirituality, national origin, immigration status, ability, tribal citizenship, sovereignty, language, and age. (GE SLO 3)
- Interpret and critically review how struggle, resistance, racial and social justice, solidarity, and liberation, as experienced and enacted by Native American/Indigenous, Black/African American, Asian American, Asian Pacific Islander, and Chicanx/Latinx communities through rhetoric, writing strategies, and popular culture, are relevant to current and structural issues and discourses within society.
- Describe and actively engage with diverse rhetorical works focused on Native American/Indigenous, Black/African American, Asian American, Asian Pacific Islander, and Chicanx/Latinx communities and utilize a critical lens with close reading techniques to elucidate common symbolic meanings and anti-racist and anti-colonial writing practices as they continue to fight for a racially just and equitable society. (GE SLO 4)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

ETHN-103 Racial and Ethnic Justice Movements

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

Racial and Ethnic Justice Movements will examine non-governmental institutions of social, cultural, and political change rising from racial and ethnic groups, focusing on Native American/Indigenous, Black/African American, Asian American, Asian Pacific Islander, and Chicanx/Latinx communities. Theories of social movements will provide a foundation for discussion and analysis on culturally relevant topics, which can include anti-racist and anti-colonial issues and the struggle and resistance against racism, as groups work toward a more racially just and equitable society. Although earlier political and social clubs will be discussed, primary emphasis will be placed on social movements since the 1960s, such as the Third World Liberation Front at San Francisco State University and the University of California Berkeley, the Black Panthers, Young Lords, etc. Students will consider how racial and ethnic justice movements have transformed the meaning of America and American democracy. Emphasis will be placed on contemporary issues of racial justice considering varying political leadership and demographic changes. A key question students will consider is why race still matters to movements for social justice today.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:**CSU - General Education - Breadth Requirements:**

- Area D: Social Sciences
- Area F: Ethnic Studies

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 4: Social & Behavioral Sciences
- Area 4C: Ethnic Studies
- Area 4G: Interdisciplinary, Social, and Behavioral Sciences
- Area 7

LMC Local AA/AS - General Education Requirements:

- SB: Social and Behavioral Sciences
- EM: Ethnic/Multicultural Studies

Student Learning Outcomes:

- 1. Utilize the basic principles of racial and ethnic justice movement theory in Ethnic Studies fields, such as Native American/Indigenous Studies, Black/African American Studies, Asian American/Asian Pacific Islander Studies, and Chicana/Latina Studies, and analyze and articulate concepts such as race and racism, racialization, racial justice, ethnicity, equity, ethno-centrism, eurocentrism, white supremacy, critical consciousness, cultural representation, self-determination, liberation, decolonization, sovereignty, imperialism, settler colonialism, anti-racism, movement building, Critical Race Theory, and Decolonial Theory. (GESLO 4)
- 2. Apply theory and knowledge produced by Native American/Indigenous, Black/African American, Asian American/Asian Pacific Islander, and Chicana/Latina communities to analyze racial and ethnic social movements, intellectual traditions, contributions, and lived experiences that impact Black Indigenous People of Color groups. (GESLO 4)
- 3. Critically analyze the intersection of race and racism as they relate to class, gender, sexuality, religion, spirituality, national origin, immigration status, ability, tribal citizenship, sovereignty, language, and age as they relate to racial and ethnic justice movements in Native American, African American, Asian American, and/or Latina and Latino American communities. (GESLO 4)
- 4. Interpret and critically review how struggle, resistance, solidarity, and liberation, as experienced and enacted historically by Black Indigenous People of Color, are relevant to current and structural issues about racial and ethnic justice movements within communal, national, international, and transnational social spaces. (GESLO 4)
- 5. Describe and actively engage with anti-racist and anti-colonial practices within racial and ethnic justice movements in Native American/Indigenous, Black/African American, Asian American/Asian Pacific Islander and Chicana/Latina communities as they continue to fight for a racially just and equitable society. (GESLO 4)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

ETHN-110 Introduction to Native American/Indigenous Studies

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

Introduction to Native American/Indigenous Studies is a survey of the approaches to the study of the many components that combine to create contemporary Native American and Indigenous experiences across the Americas, with a focus within the United States. A primary objective of this course is to examine the structural and disciplinary constraints systemically placed on Native

Americans and Indigenous cultures. The course will examine identity, sovereignty, Indigenous-White relations, federal law and policy, tribal governments, and art, literature, and film from Indigenous perspectives. Students will explore dominant academic and media representations and research practices and explore the decolonial research practices offered by contemporary Native American and Indigenous scholars, artists, and educators. The course offers an academic concentration of Indigenous learning communities, leadership, and the continual building of Native Nations. At the center of the academic study is Native American and Indigenous perspectives and the sovereignty of Native nations and the cultures of Native peoples.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

CSU - General Education - Breadth Requirements:

- Area D: Social Sciences
- Area F: Ethnic Studies

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 4: Social & Behavioral Sciences
- Area 4C: Ethnic Studies
- Area 4G: Interdisciplinary, Social, and Behavioral Sciences
- Area 7

LMC Local AA/AS - General Education Requirements:

- SB: Social and Behavioral Sciences
- EM: Ethnic/Multicultural Studies

Student Learning Outcomes:

- Analyze and articulate Native American and Indigenous Studies concepts such as racism, racialization, ethnicity, equity, ethno-centrism, eurocentrism, white supremacy, self-determination, liberation, decolonization, sovereignty, imperialism, settler colonialism, and anti-racism.
- Apply theory and knowledge produced by Native American/Indigenous communities to describe and recognize the persistent and diverse Native American/Indigenous knowledges and cultures and the contributions made to critical events, histories, and intellectual traditions through lived experiences and social struggles with a particular emphasis on agency and group affirmation.
- Illustrate the application and significance of Native American/Indigenous diversity in a global society to examine and compare relative attitudes and intersections of race and racism, gender roles, sexuality, class, religion, spirituality, ability, age, tribal citizenship, and language in Native American/Indigenous communities. (GE SLO 4)
- Critically review how struggle, resistance, racial and social justice, solidarity, and liberation, as experienced and enacted by Native Americans are relevant to current and structural issues, such as communal, national, international, and transnational politics, migration, language, reparations, and sovereignty.
- Describe and actively engage with anti-racist and anti-colonial issues in Native American and Indigenous practices and movements for land, life, and a more just and equitable society. (GE SLO 3)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

ETHN-1111 Introduction to Chicanx Studies

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

Introduction to Chicanx Studies offers an introduction to Chicana/o Studies as an academic discipline. It focuses on the origins, development, and theories that contribute to its formation. Furthermore, it analyzes and evaluates Chicanx perspectives on revisionist history; demographics; employment; political and socioeconomic trends; education; and the arts. This course will also examine, compare and contrast, such topics as cultural values, social organization, urbanization patterns of the Chicana/o in the U.S., migration, identity and gender roles as well as their struggles in education, politics and legislation. Through an intersectional analysis, students will interrogate categories of identity and power including race, ethnicity, class, gender, sexuality, religion, age, and ability. Due to the nature of the subject, students will be exposed to some Spanish phrases, words, and expressions

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

CSU - General Education - Breadth Requirements:

- Area D: Social Sciences
- Area F: Ethnic Studies

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 4: Social & Behavioral Sciences
- Area 4C: Ethnic Studies
- Area 4G: Interdisciplinary, Social, and Behavioral Sciences

LMC Local AA/AS - General Education Requirements:

- EM: Ethnic/Multicultural Studies
- SB: Social and Behavioral Sciences

Student Learning Outcomes:

- 1. Analyze and articulate Ethnic Studies and Chicanx concepts that are foundational to the field of study that includes but is not limited to race, racism, racialization, anti-racism, ethnicity and culture, settler colonialism, heteropatriarchy, oppression, hierarchy, Chicanismo, Chicanidad, mestizaje, nepantla, detribalization, indigeneity, Aztlan, cultural nationalism, rasquachismo, Xicanisma, Borderlands, self-determination, liberation, decolonization, and racial justice with a particular emphasis placed on the Chicanx/Xicanx communities, including comparative and transnational lenses. (GESLO 4) (PSLO 1)
- 2. Apply Chicanx and Ethnic Studies theory and knowledge produced by Chicanx/Xicanx scholars and communities to describe the critical events, histories, cultures, intellectual traditions, contributions, lived-experiences and social struggles of the Chicana/o communities with a particular emphasis on their relationship to one another through agency and group-affirmation. (GESLO 4) (PSLO 2)
- 3. Illustrate the application and significance of the social construction of race and its intersections with gender roles, sexuality, class, religion, spirituality, ability, age, indigenous influences, and language as they relate to the Chicano Movement, its goals and evolution, with emphasis on traditions, values, and customs. (GESLO 4) (PSLO 3)
- 4. Critically review how struggle, resistance, racial and social justice, solidarity, and liberation, as experienced and enacted by Chicanx/Xicanx communities, are relevant to current and structural issues, such as communal, national, international, and transnational ethics and politics as they impact migration, immigration, reparations, settler-colonialism, multiculturalism, and language policies. (GESLO 3 and 4) (PSLO 4)
- 5. Describe and actively engage with anti-racist and anti-colonial issues, practices, and movements in Chicanx/Xicanx communities as they work toward racial justice by building diverse and equitable communities beyond the classroom. (GESLO 4) (PSLO 5)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

ETHN-112 Introduction to Latinx Studies

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

Introduction to Latinx Studies offers an introduction to Latina/o Studies as an academic discipline. It focuses on a pan-Latina/o, comparative, and transdisciplinary approach to major themes and issues related to the Latinx community in the U.S., which includes race and racism, indigenous culture, colonialism, war, genocide, migration, transnationalism, citizenship, identity, language, gender, family, labor, neoliberalism, education, expression, and resistance. There will be a focus on the origins, development, and theories that contribute to Latinx Studies as well as Latinx perspectives on revisionist history; demographics; employment; political and socioeconomic trends; education; and the arts. This course will provide a critical examination of modern Latin American history and indigenous and African cultures connected to the Latinx diaspora, including Chicana/o, Mexican, Puerto Rican, Afro-Latinx, Central American, South American, and Caribbean American communities in the U.S. Through an intersectional analysis, students will interrogate categories of identity and power including race, ethnicity, class, gender, sexuality, religion, age, and ability. Due to the nature of the subject, students will be exposed to some Spanish phrases, words, and expressions.

Requisites:**Advisory**

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:**CSU - General Education - Breadth Requirements:**

- Area D: Social Sciences
- Area F: Ethnic Studies

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 4: Social & Behavioral Sciences
- Area 4C: Ethnic Studies
- Area 4G: Interdisciplinary, Social, and Behavioral Sciences

LMC Local AA/AS - General Education Requirements:

- EM: Ethnic/Multicultural Studies
- SB: Social and Behavioral Sciences

Student Learning Outcomes:

- 1. Analyze and articulate Ethnic Studies and Latinx concepts that are foundational to the field of study that includes but is not limited to race, racism, racialization, anti-racism, ethnicity and culture, settler colonialism, heteropatriarchy, oppression, hierarchy, indigeneity, cultural nationalism, testimonios, Latinidad, code-switching, Borderlands, self-determination, liberation, decolonization, and racial justice with a particular emphasis placed Latinx communities, including comparative and transnational lenses. (GESLO 4) (PSLO 1)
- 2. Apply Latinx and Ethnic Studies theory and knowledge produced by Latinx scholars and communities to describe the critical events, histories, cultures, intellectual traditions, contributions, lived experiences, and social struggles of Latina/o communities with a

particular emphasis on their relationship to one another through agency and group-affirmation within Chicana/o, Mexican, Puerto Rican, Afro-Latinx, Central American, South American, and Caribbean American communities. (GESLO 4) (PSLO 2)

- 3. Illustrate the application and significance of the social construction of race and its intersections with gender roles, sexuality, class, religion, spirituality, ability, age, indigenous influences, and language as they relate to broader issues within the Latinx community of the U.S. as they are linked to the goals and evolution of grassroots activism, cultural resistance, and the social movements of the late 1960s and 1970s, with emphasis on traditions, values, and customs. (GESLO 4) (PSLO 3)
- 4. Critically review how struggle, resistance, racial and social justice, solidarity, and liberation, as experienced and enacted by Latinx communities, are relevant to current and structural issues as Latinx communities impact U.S. labor, economy, society, politics, and culture, with particular focus placed on communal, national, international, and transnational politics and ethics as they impact migration, immigration, reparations, settler-colonialism, multiculturalism, and language policies. (GESLO 3 and 4) (PSLO 4)
- 5. Describe and actively engage with anti-racist and anti-colonial issues, practices, and movements in Latinx communities as they work toward racial justice by building diverse and equitable communities beyond the classroom. (GESLO 4) (PSLO 5)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

ETHN-113 Introduction to Asian American & Pacific Islander Studies

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This interdisciplinary course will introduce the histories, knowledges, theoretical and cultural production, and other aspects of Asian American and Pacific Islander life in the United States. Groups under consideration will include Chinese Americans, Indian Americans, Filipino/a/x Americans, Japanese Americans, Vietnamese Americans, Hawaiians (Kānaka Maoli), Chamorros, Samoans and other Oceanic groups. Through a thematic approach which will allow for comparative analysis, emphasis will be placed on identity formation, transnational and transpacific considerations of race and racialization, ethnicity, (im)migration, gender, sexuality, and class as it relates to API communities. Themes will include imperialism and colonization, sovereignty and self-determination, indigeneity, transnationalism, militarization, social movements and activism, the western gaze, and literature and the arts.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

CSU - General Education - Breadth Requirements:

- Area F: Ethnic Studies
- Area D: Social Sciences

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 4: Social & Behavioral Sciences
- Area 4C: Ethnic Studies
- Area 4G: Interdisciplinary, Social, and Behavioral Sciences

LMC Local AA/AS - General Education Requirements:

- EM: Ethnic/Multicultural Studies
- SB: Social and Behavioral Sciences

Student Learning Outcomes:

- 1. Analyze and articulate Ethnic Studies concepts and Asian American and Pacific Islander concepts that are foundational to the field of study that includes but is not limited to race, racism, racialization, anti-racism, ethnicity and culture, (post-, neo-, de-) colonialism, "model minority," and white supremacy with a particular emphasis placed on distinct communities within Asian American and Pacific Islander Studies, such as Chinese Americans, Indian Americans, Filipino/a/x, Japanese Americans, Vietnamese Americans, Hawaiians (Kānaka Maoli), Chamorros, and Samoans. (GESLO 4) (PSLO 1)
- 2. Apply Ethnic Studies theory and knowledge produced by Asian American and Pacific Islander communities to describe the critical events, histories, cultures, intellectual traditions, contributions, lived-experiences, and social and ethical struggles with a particular emphasis on their relationship to one another, agency, and group-affirmation within various and shifting definitions and articulations of Asian American and Pacific Islander identities and pan-ethnicity. (GESLO 3, 4) (PSLO 2)
- 3. Illustrate the application and significance of the social construction of race, including whiteness, blackness, and otherness as it relates to Asian American and Pacific Islander communities and examine the relative attitudes and intersections of race and racism, gender roles, sexuality, class, religion, spirituality, ability, age, and language in their respective communities. (GESLO 4) (PSLO 3)
- 4. Critically review how struggle, resistance, racial and social justice, solidarity, and liberation, as experienced and enacted by Asian American and Pacific Islander communities are relevant to current and structural issues, such as communal, national, international, and transnational politics, and impact activist movements. (GESLO 4) (PSLO 3)
- 5. Describe and actively engage with anti-racist and anti-colonial theory, praxis, and movements in Asian American and Pacific Islander communities as they build a just and equitable society. (GESLO 4) (PSLO 5)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

ETHN-120 Immigrant Experiences in the U.S.

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

Comparative analysis of immigration from the mid-19th century to the present through an Ethnic Studies and Critical Race framework. Inter/trans-disciplinary approaches include historical, legal, sociological, experiential, and others. Emphasis will be placed on Asian and Latinx immigration (with comparisons drawn to European immigration) and Black/African American and Native American/Indigenous experiences of enslavement and colonization. Application of theory to describe the lived-experiences and social struggles of immigrant Asians, Latinxs, and other historically defined racialized core groups, emphasizing agency and group-affirmation. Critical discussion of the intersection of race and ethnicity with immigrant issues such as assimilation, acculturation, the formation of ethnic identity, immigration patterns, nativism, upward/downward mobility, and xenophobia. Students will analyze struggles, resistance, and liberation of various

migrant ethnic groups as they sought opportunity, social justice, and empowerment in the United States, including relevance to current issues.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

CSU - General Education - Breadth Requirements:

- Area D: Social Sciences
- Area F: Ethnic Studies

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 4: Social & Behavioral Sciences
- Area 4C: Ethnic Studies
- Area 4G: Interdisciplinary, Social, and Behavioral Sciences

LMC Local AA/AS - General Education Requirements:

- SB: Social and Behavioral Sciences
- EM: Ethnic/Multicultural Studies

Student Learning Outcomes:

- Analyze and articulate Ethnic Studies concepts such as race and racism, racialization, ethnicity, equity, ethno-centrism, eurocentrism, white supremacy, self-determination, liberation, decolonization, sovereignty, imperialism, settler colonialism, and anti-racism as experienced in any one or more of the following racial groups: Native American Studies, African American Studies, Asian American Studies, and Latina and Latino American Studies. (GE SLO 4) (PSLO 1)

- Apply theory and knowledge produced by Native American, African American, Asian American, and/or Latina and Latino American communities to describe the critical events, histories, cultures, intellectual traditions, contributions, lived-experiences and ethical and social struggles of those groups with a particular emphasis on agency and group-affirmation as it relates to immigrant experiences to the U.S. (GE SLO 3 and GE SLO 4) (PSLO 2)
- Critically analyze the intersection of race and racism as they relate to class, gender, sexuality, religion, spirituality, national origin, immigration status, ability, tribal citizenship, sovereignty, language, and/or age in Native American, African American, Asian American, and/or Latina and Latino American communities, with an emphasis on immigrant experiences and the ethical treatment of immigrants. (GE SLO 3 and GE SLO 4) (PSLO 3)
- Critically review how struggle, resistance, racial and social justice, solidarity, and liberation, as experienced and enacted by Native Americans, African Americans, Asian Americans and/or Latina and Latino Americans are relevant to current and structural issues such as communal, national, international, and transnational politics as, for example, in immigration, reparations, settler-colonialism, multiculturalism, language policies. (GE SLO 4) (PSLO 4)
- Describe and actively engage with anti-racist and anti-colonial issues and the practices and movements in Native American, African American, Asian American and/or Latina and Latino communities and a just and equitable society as it relates to current immigrant experiences. (GE SLO 4) (PSLO 5)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

ETHN-121 Critical Race Feminisms

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

Critical Race Feminism is a comparative and transdisciplinary examination of the intersection of race and gender and other components of social identity as it relates to the experiences of African American/Black, American Indian/Indigenous, Asian American and Asian Pacific Islander, Chicanx/Xicanx, and Latinx communities. Students will discuss and analyze key theories and concepts from the field of Ethnic Studies, including Critical Race Theory (CRT), coloniality, migration, double-consciousness, colorblind racism, and the “Wages of Whiteness,” among other topics, to grant students conceptual tools for the discussion of race, ethnicity, and gender in U.S. society. Through an intersectional analysis, students will interrogate the unique challenges of the inter and intra relationships of women of color with feminism, both locally and globally. Though feminism has elevated itself to a theoretical status for quite some time now, anti-racist feminism continues to simply serve as a marginal sub-theme. This course seeks to move us from being boxed into feminist theory and text as a variation on the theme of “woman.” Feminism is not a unified (nor unifying) phenomenon. It has its own contradictions, and this course is both a necessary intellectual and political task that will emphasize and center the African American/Black, American Indian/Indigenous, Asian American and Asian Pacific Islander, Chicanx/Xicanx, and Latinx communities. Critical Race Feminism will be a working out of a legal, political, analytical, descriptive, theoretical paradigm. This course is also about becoming a scholar, it should improve your performance – “praxis” across disciplines.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

LMC Local AA/AS - General Education Requirements:

- EM: Ethnic/Multicultural Studies
- SB: Social and Behavioral Sciences

CSU - General Education - Breadth Requirements:

- Area D: Social Sciences
- Area F: Ethnic Studies

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 4C: Ethnic Studies
- Area 4D: Gender Studies
- Area 4G: Interdisciplinary, Social, and Behavioral Sciences

Student Learning Outcomes:

- 1. Analyze and articulate Ethnic Studies concepts such as race and racism, racialization, ethnicity, equity, ethno-centrism, eurocentrism, white supremacy, self-determination, liberation, decolonization, sovereignty, imperialism, settler colonialism, and anti-racism with particular emphasis placed on the intersections of gender as it relates to African American/Black, American Indian/Indigenous, Asian American and Pacific Islander, Chicanx/Xicanx, and Latinx communities, including comparative and transnational lenses. (GESLO 4) (PSLO 1)
- 2. Apply Ethnic Studies theory and knowledge produced by feminist scholars in African American/Black, American Indian/Indigenous, Asian American and Pacific Islander, Chicanx/Xicanx, and Latinx communities to describe the critical events, histories, cultures, intellectual traditions, contributions, lived-experiences and social struggles of Black Indigenous People of Color feminist groups with a particular emphasis on their relationship to one another, ethics, agency, and group-affirmation within Ethnic Studies and Feminist Studies. (GESLO 3, 4) (PSLO 2)
- 3. Illustrate the application and significance of the social construction of race and its intersections with gender, including whiteness, blackness, and otherness as it relates to African American/Black, American Indian/Indigenous, Asian American and Pacific Islander, Chicanx/Xicanx, and Latinx communities and examine the relative attitudes and intersections of race and racism, gender roles, sexuality, class, religion, spirituality, ability, age, tribal citizenship, and language in Black Indigenous People of Color Communities. (GESLO 4) (PSLO 3)
- 4. Critically review how gendered struggle, resistance, racial and social justice, solidarity, and liberation, as experienced and enacted by women of color in African American/Black, American Indian/Indigenous, Asian American and Pacific Islander, Chicanx/Xicanx, and Latinx communities are relevant to current and structural issues, such as communal, national, international, and transnational politics as, for example, in immigration,

reparations, settler-colonialism, multiculturalism, and language policies. (GESLO 4) (PSLO 4)

- 5. Describe and actively engage with anti-racist and anti-colonial feminist practices and movements in African American/Black, American Indian/Indigenous, Asian American and Pacific Islander, Chicanx/Xicanx, and Latinx communities as they work toward racial and gender justice for all Black Indigenous People of Color. (GESLO 4) (PSLO 5)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

ETHN-123 Statistical Methods for Ethnic Studies

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

Emphasis is on the application of statistical methods to measure, analyze, interpret and report findings related to issues in Ethnic Studies, such as Black/African American Studies, Chicana/Latina Studies, Indigenous/Native American Studies, and Asian American and Pacific Islander Studies. Analyses include descriptive statistics: central tendency, dispersion, inferential statistics: probability theory and distributions, sampling distributions, hypothesis testing, simple linear regression, and computer technology. Use of a statistical software package or graphing calculator recommended.

Requisites:

Advisory

[MATH110 - Introduction to Statistics](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

CSU - General Education - Breadth Requirements:

- Area F: Ethnic Studies
- Area B4: Mathematics/Quantitative Reasoning

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 4C: Ethnic Studies
- Area 4G: Interdisciplinary, Social, and Behavioral Sciences

LMC Local AA/AS - General Education Requirements:

- EM: Ethnic/Multicultural Studies

Student Learning Outcomes:

- 1. Apply basic statistical methods for obtaining and evaluating data in Ethnic Studies, such as Black/African American Studies, Chicana/Latina Studies, Indigenous/Native American Studies, and Asian American and Asian Pacific Islander Studies, as it relates to topics associated with race and racism, racialization, ethnicity, equity, ethno-centrism, eurocentrism, white supremacy, self-determination, liberation, decolonization, sovereignty, imperialism, settler colonialism, and anti-racism. (GESLO 4) (PSLO 1)
- 2. Calculate and interpret descriptive and inferential statistics to analyze and interpret data in written form and in tables and graphs from Ethnic Studies fields, such as Black/African American Studies, Chicana/Latina Studies, Indigenous/Native American Studies, and Asian American and Asian Pacific Islander Studies, to better understand critical events, histories, cultures, intellectual traditions, contributions, and the racial struggles of said communities of color. (PSLO 2)
- 3. Analyze and discuss the advantages and limitations of hypothesis testing, evaluating Type I and Type II error and levels of statistical significance, as they relate to Ethnic Studies fields, such as Black/African American Studies, Chicana/Latina Studies, Indigenous/Native American Studies, and Asian American and Asian Pacific Islander Studies, and impact the social understandings of the social construction of race and its intersections with gender, including whiteness, blackness, and otherness (PSLO 3)
- 4. Utilize appropriate computer technology to perform basic statistical functions and interpret the output in Ethnic Studies, such as Black/African American Studies, Chicana/Latina Studies, Indigenous/Native American Studies, and Asian American and Asian Pacific Islander Studies, as it relates to relevant current and structural issues in society that impact communal, national, international, and transnational politics in immigration, reparations, settler-colonialism, multiculturalism, and language policies. (PSLO 4)
- 5. Explain in layman's terms statistical reasoning and statistical terminology that is supported by critical thinking as it impacts Ethnic Studies, such as Black/African American Studies, Chicana/Latina Studies, Indigenous/Native American Studies, and Asian American and Asian Pacific Islander Studies, as a form of anti-racist and anti-colonial practices that can lead toward racial justice for all communities of color. (PSLO 5)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

Liberal Arts

Program Information

The liberal arts major provides a rich educational experience through coursework in a broad range of academic disciplines. Liberal arts provide excellent preparation for university transfer and/or a wide range of careers.

Students graduating with a liberal arts major are able to: read critically and communicate effectively as a writer and a speaker; understand the connections among academic disciplines and apply interdisciplinary approaches to problem solving; think critically and creatively; consider the ethical implications of knowledge; and possess a worldview informed by diverse social, multicultural and global perspectives.

Therefore, the broad-based interdisciplinary nature of liberal arts provides a knowledge base and the communication and critical thinking

skills necessary for many careers and occupations. The liberal arts major provides solid preparation for upper division work following transfer more specifically, for university programs in teaching and prelaw and for careers such as business, government and communication. With proper course selection (see a counselor), LMC's liberal arts major articulates with CSU's popular upper division liberal studies major, which is the path to a teaching credential program.

The Liberal Arts major incorporates many General Education requirements, so students need only to pass a few additional courses in order to complete the major. The major has three emphasis options: arts and humanities; behavioral science and social science; math and science.

Degrees and Certificates

[Liberal Arts: Arts and Humanities, Associate of Arts](#)

[Liberal Arts: Behavioral Science and Social Science, Associate of Arts](#)

[Liberal Arts: Math and Science, Associate of Arts](#)

[Back to department listing](#)

Liberal Arts: Arts and Humanities, Associate of Arts

A.A. Degree Local

[Print Page](#)

[Back to department listing](#)

Units:

60.0 units

Toggle

Program Learning Outcomes

- Read critically and communicate effectively as a writer and speaker.
- Understand connections among disciplines and apply interdisciplinary approaches to problem solving.
- Think critically and creatively
- Consider the ethical implications inherent in knowledge, decision-making and action.
- Possess a worldview informed by diverse social, multicultural and global perspectives.

Toggle

Program Requirements

A.A. Degree Local

Required Courses (Total 18 - 20)

Complete the following number of credits: 18-20

[ART005 - The Visual Arts](#) 3

[ART006 - Ancient Art History \(to 350 CE\)](#) 3

[ART007 - Medieval and Renaissance Art History \(350 to 1550 CE\)](#) 3

ART008 - Early Modern Art History (1550 to 1920 CE) 3
 ART009 - Late Modern and Contemporary Art History (1920 CE-Present) 3
 ACS010 - Becoming a College Scholar-A First-Year Seminar 3
 DRAMA015 - Multicultural Perspectives Within Theatre 3
 DRAMA016 - Theatre Appreciation 3
 DRAMA030 - Chicano/a Mexican American Cinema: A Critical Analysis 3
 DRAMA070 - Film as an International Art Form 3
 EDUC100 - Introduction to Classroom Teaching 3
 ENGL100 - College Composition 3
 ENGL111 - Creative Writing 3
 ENGL122 - California Literature 3
 ENGL127 - The Mythology and Literature of Ethnic Americans 3
 ENGL128 - Introduction to Asian American Literature 3
 ENGL129 - Introduction to Contemporary African- American Literature 3
 ENGL130 - Mystery and Detective Literature 3
 ENGL132 - Ltre of Fants:myths,fntsy,scif 3
 ENGL133 - Race, Ethnicity, and Gender in Popular Fiction and Film 3
 ENGL220 - Critical Thinking 3
 ENGL221 - Advanced Composition and Critical Thinking 3
 ENGL230 - Thinking and Writing Critically about Literature 3
 FRNCH060 - Elementary French I 5
 FRNCH061 - Elementary French II 5
 HUMAN019 - Ancient Humanities 3
 HUMAN020 - Medieval and Renaissance Humanities 3
 HUMAN021 - Early Modern Humanities 3
 HUMAN022 - American Humanities 3
 HUMAN024 - Shakespeare's English Kings 3
 HUMAN030 - Modernist Paris: Artists and Intellectuals 3
 ITAL060 - Elementary Italian I 5
 ITAL061 - Elementary Italian II 5
 JOURN100 - Mass Communication 3
 JOURN110 - Writing for the Media 3
 MUSIC010 - Music Literature 3
 MUSIC012 - Popular Music in American Culture 3
 MUSIC015 - Basic Music 3
 PHIL100 - Introduction to Philosophy 3
 PHIL110 - Critical Thinking and Composition 3
 PHIL122 - Contemporary Moral Issues 3
 PHIL133 - Philosophy of Political Theory and Thought 3
 RA010 - Introduction to Recording Arts 3
 RA015 - Music Fundamentals for Audio Professionals 3
 SIGN072 - Deaf Culture 3
 SPAN050 - Elementary Spanish I 5
 SPAN051 - Elementary Spanish II 5
 SPAN052 - Intermediate Spanish I 5
 SPAN053 - Intermediate Spanish II 5

Liberal Arts: Behavioral Science and Social Science, Associate of Arts

A.A. Degree Local

[Print Page](#)

[Back to department listing](#)

Units:

60.0 units

Toggle

Program Learning Outcomes

- Differentiate the different components of management and the necessary skills, including human resources, supervision, legal, ethical, social responsibilities of management.
- Respond to critical problems faced by managers and supervisors in a diverse workplace.
- Demonstrate the technical, problem solving, and soft skills needed of managers and supervisors.
- Utilize effective communication skills in intercultural environments.

Toggle

Program Requirements

A.A. Degree Local

Required Courses (Total 18)

Complete the following number of credits: 18

[ACS010 - Becoming a College Scholar-A First-Year Seminar](#) 3

[ADJUS110 - Introduction to the Criminal Justice System](#) 3

[ANTHR005 - General Anthropology](#) 3

[ANTHR006 - Cultural Anthropology](#) 3

[ANTHR007 - Culture Change and Globalization](#) 3

[BUS109 - Introduction to Business](#) 3

[BUS294 - Business Law](#) 3

[CHDEV010 - Child Growth and Development](#) 3

[CHDEV020 - Child, Family and Community](#) 3

[CHDEV050 - Teaching in a Diverse Society](#) 3

[ECON005 - Economic History of the United States](#) 3

[ECON010 - Principles of Microeconomics](#) 3

[ECON011 - Principles of Macroeconomics](#) 3

ETHN045 - Introduction to Black Studies 3
HIST029 - United States History Until 1865 3
HIST030 - United States History From 1865 3
HIST031 - California History 3
HIST034 - History of Western Civilization to the Renaissance 3
HIST035 - History of Western Civilization since the Renaissance 3
HIST038 - Contemporary U.S. History 3
HIST039 - World History to 1500 3
HIST040 - World History Since 1500 3
HIST047 - History of Native Americans 3
HIST052 - Mexican American History 3
PHIL133 - Philosophy of Political Theory and Thought 3
POLSC010 - Introduction to American Government: Institutions and Ideals 3
POLSC033 - Philosophy of Political Theory and Thought 3
POLSC043 - International Relations 3
PSYCH010 - Individual and Social Processes 3
PSYCH011 - General Psychology 3
PSYCH014 - The Psychology of Human Sexuality 3
PSYCH017 - Introduction to Research Methods in Psychology 3
SOCIO012 - Introduction to Marriage and Family 3
SOCIO015 - Introduction to Sociology 3
SOCIO016 - Introduction to Social Problems 3
SOCIO017 - Introduction to Research Methods 3
EDUC100 - Introduction to Classroom Teaching 3

Liberal Arts: Math and Science, Associate of Arts

A.A. Degree Local

[Print Page](#)

[Back to department listing](#)

Units:

60.0 units

Toggle

Program Learning Outcomes

- Read critically and communicate effectively as a writer and speaker.
- Understand connections among disciplines and apply interdisciplinary approaches to problem solving.

- Think critically and creatively.
- Consider the ethical implications inherent in knowledge, decision-making and action.
- Possess a worldview informed by diverse social, multicultural and global perspectives.

Toggle

Program Requirements

A.A. Degree Local

Required Courses (Total 18 - 20)

Complete the following number of credits: 18-20

ASTRO010 - Introduction to Astronomy 3
 ASTRO011 - Astronomy Laboratory 1
 BIOSC005 - Biology of Health 3
 BIOSC007 - Ecology and the Environment 4
 BIOSC010 - General Biology 4
 BIOSC020 - Principles of Biology: Cell and Molecular 5
 BIOSC021 - Principles of Biology: Organismal 5
 BIOSC030 - Introduction to Anatomy and Physiology 4
 BIOSC040 - Human Anatomy 5
 BIOSC045 - Human Physiology 5
 BIOSC050 - Microbiology 4
 CHEM006 - Introduction to Inorganic and Physical Chemistry 4
 CHEM007 - Introduction to General, Organic and Biochemistry 4
 CHEM025 - General College Chemistry I 5
 CHEM026 - General College Chemistry II 5
 CHEM028 - Organic Chemistry 5
 CHEM029 - Organic Chemistry 5
 COMSC040 - Intro to Comp/Bus Info Systems 4
 ENGIN010 - Introduction to Engineering 3
 MATH110 - Introduction to Statistics 4
 MATH155 - Precalculus 4
 MATH210 - Calculus and Analytic Geometry I 4
 MATH220 - Calculus and Analytic Geometry II 4
 MATH230 - Calculus and Analytic Geometry III 4
 MATH240 - Differential Equations 3
 MATH250 - Linear Algebra 3
 NUTRI055 - Introduction to Nutrition 3
 PHYSC005 - General Physical Science 3
 PHYS015 - Introduction to Physics 4
 PHYS035 - College Physics I 4
 PHYS036 - College Physics II 4
 PHYS040 - Physics for Scientists and Engineers I 4
 PHYS041 - Physics for Scientists and Engineers II 4

Transfer Studies

Program Information

The Certificate of Achievement in CSU General Education (CSU-GE Breadth) is a program designed for students planning to transfer to the California State University (CSU) System. It offers students a program of study which meets the lower division CSU general education requirements, and students who complete this certificate will only be

required to complete a minimum of 9 semester units of upper division general education work at CSU after transfer.

Although the certificate recognizes the completion of lower division CSU general education requirements, it does not guarantee admission to a specific campus within the CSU system nor does it guarantee admission to a specific major. Some majors and colleges may require a different lower division preparation and/or a higher GPA than is necessary for this certificate.

Students who intend to transfer must meet all current CSU transfer requirements including minimum GPA and eligibility for certification. Students are strongly advised to meet with a counselor to discuss transfer requirements and lower division major preparation that is needed for their intended transfer school.

CSU General Education - Breadth Requirements for 2023 - 2024

The Certificate of Achievement in Intersegmental General Education Transfer Curriculum (IGETC) is a program designed for students planning to transfer to either the California State University (CSU) or University of California (UC) system. It offers students a program of study which meets IGETC general education transfer requirements.

Although the certificate recognizes the completion of IGETC general education requirements, it does not guarantee admission to a specific campus within the CSU or UC system nor does it guarantee admission to a specific major. Some majors and colleges may require a different lower division preparation and/or a higher GPA than is necessary for this certificate.

Students who intend to transfer must meet all current IGETC general education transfer requirements including minimum GPA and eligibility for certification. Students are strongly advised to meet with a counselor to discuss transfer requirements and lower division major preparation that is needed for their intended transfer school.

Intersegmental General Education Transfer Curriculum (IGETC) 2023- 2024 Requirements for Students Transferring to CSU or US

[Back to department listing](#)

Appendices



College Level Examination Program Chart

CLEP EXAMINATION	SCORE	LMC COURSE EQUIVALENTS	LMC LOCAL GE AREA	CSU GE- BREADTH AREA	CSU ELECTIVE UNITS FOR TRANSFER	IGET C ARE A	UC ELECTIVE UNITS FOR TRANSFER
American Government	50	N/A	SB	D	3	N/A	N/A
American Literature	50	N/A	AH	C2	3	N/A	N/A
An. & Interpreting Literature	50	N/A	AH	C2	3	N/A	N/A
Biology	50	N/A	NS	B2	3	N/A	N/A
Calculus	50	N/A	LR2B	B4	3	N/A	N/A
Chemistry	50	CHEM 6	NS	B1	3	N/A	N/A
College Algebra	50	N/A	LR2B	B4	3	N/A	N/A
College Algebra-Trigonometry	50	N/A	LR2B	B4	3	N/A	N/A
College Mathematics	50	N/A	N/A	N/A	0	N/A	N/A
English Composition -no essay	50	N/A	N/A	N/A	0	N/A	N/A
English Composition - essay	50	N/A	N/A	N/A	0	N/A	N/A
English Literature	50	N/A	N/A	N/A	0	N/A	N/A
Financial Accounting	50	N/A	N/A	N/A	3	N/A	N/A
French Level I*	50	FRENCH 60	N/A	N/A	6	N/A	N/A
French Level II*	59	FRENCH 61	N/A	C2	9	N/A	N/A
Freshman College Composition	50	N/A	N/A	N/A	0	N/A	N/A
German Level I	50	N/A	N/A	N/A	6	N/A	N/A

German Level II	60	N/A	N/A	C2	9	N/A	N/A
History, U.S. I	50	HIST 29	SB	D & US1	3	N/A	N/A
History, U.S. II	50	HIST 30	SB	D & US1	3	N/A	N/A
Human Growth & Developmt	50	N/A	SB	E	3	N/A	N/A
Humanities	50	N/A	AH	C2	3	N/A	N/A
Info Sys & Comp Applications	50	COMSC 40	N/A	N/A	3	N/A	N/A
Intro Educational Psychology	50	N/A	N/A	N/A	3	N/A	N/A
Introductory Business Law	50	N/A	N/A	N/A	3	N/A	N/A
Introductory Psychology	50	PSYCH 11	SB	D	3	N/A	N/A
Introductory Sociology	50	SOCIO 15	SB	D	3	N/A	N/A
Natural Sciences	50	N/A	NS	B1 or B2	3	N/A	N/A
Pre-Calculus	50	MATH-155	LR2B	B4	3	N/A	N/A
Principles of Accounting	50	N/A	N/A	N/A	3	N/A	N/A
Principles of Macroeconomics	50	ECON 11	SB	D	3	N/A	N/A
Principles of Management	50	N/A	N/A	N/A	3	N/A	N/A
Principles of Marketing	50	N/A	N/A	N/A	3	N/A	N/A
Principles of Microeconomics	50	ECON 10	SB	D	3	N/A	N/A
Social Sciences & History	50	N/A	N/A	N/A	0	N/A	N/A
Spanish Level I	50	SPAN 50	N/A	N/A	6	N/A	N/A
Spanish Level II	63	SPAN 51	N/A	C2	9	N/A	N/A
Trigonometry	50	N/A	N/A	N/A	N/A	N/A	N/A

Western Civilization I	50	HIST 34	SB or AH	C2 or D	3	N/A	N/A
Western Civilization II	50	HIST 35	SB	D	3	N/A	N/A

**If a student passes more than one CLEP test in the same language other than English (e.g., two exams in French), then only one examination may be applied to the baccalaureate. For each test in a language other than English, a passing score of 50 is considered “Level I” and earns six units of baccalaureate credit; the higher score listed for each test is considered “Level II” and earns additional units of credit and placement in Area C2 of GE Breadth, as noted.*

[Back to chart list](#)

International Baccalaureate Examination Chart

INTERNATIONAL BACCALAUREATE EXAMINATION (IB)	SCORE	LMC COURSE EQUIVALENTS	LMC LOCAL AREAS	CSU GE-BREADTH AREA	CSU ELECTIVE UNITS FOR TRANSFER	IGETC AREA Determined by UC Campus.	UC ELECTIVE UNITS FOR TRANSFER Determined by UC Campus.
Biology HL	5,6,7	N/A	NS	B2	6	5B	5.3
Chemistry HL	5,6,7	CHEM 25	NS	B1	6	5A	5.3
Economics HL	5,6,7	ECON 10 + 11	SB	D	6	4	5.3
Geography HL	5,6,7	N/A	SB	D	6	4	5.3
History (any region) HL	5,6,7	N/A	SB or AH	C2 or D	6	3B or 4	5.3
Language A1 (Any Language)	4	N/A	AH	N/A	6	N/A	N/A
Language A1 (Any Language)	5,6,7	N/A	AH	N/A	6	3B & 6A	5.3
Language A1(French) HL	5,6,7	FRENCH 60	AH	N/A	6	3B & 6A	5.3
Language A1(Spanish) HL	5,6,7	SPAN 50	AH	N/A	6	3B & 6A	5.3
Language A2 (Any Language) HL	4	N/A	AH	N/A	6	N/A	N/A

Language A2 (Any Language) HL	5,6,7	N/A	AH	N/A	6	3B & 6A	5.3
Language A2(French) HL	5,6,7	FRENC H 60	AH	N/A	6	3B & 6A	5.3
Language A2(Spanish) HL	5,6,7	SPAN 50	AH	N/A	6	3B & 6A	5.3
Language B (Any Language) HL	4	N/A	N/A	N/A	6	N/A	N/A
Language B (Any Language) HL	5,6,7	N/A	N/A	N/A	6	6A	5.3
Language B(French) HL	5,6,7	FRENC H 60	N/A	N/A	6	6A	5.3
Language B(Spanish) HL	5,6,7	SPAN 50	N/A	N/A	6	6A	5.3
Mathematics: Analysis and Approaches HL	4	N/A	LR2B	B4	6	N/A	N/A
Mathematics: Analysis and Approaches HL	5,6,7	N/A	LR2B	B4	6	2A	5.3
Mathematics: Applications and Interpretation HL	4	N/A	LR2B	B4	6	N/A	N/A
Mathematics: Applications and Interpretation HL	5,6,7	N/A	LR2B	B4	6	2A	5.3
Physics HL	5,6,7	PHYS 15	NS	B1	6	5A	5.3
Psychology HL	5,6,7	PSYCH 11	SB	D	3	4	5.3
Theatre HL	4	DRAM A 15	AH	C1	6	N/A	N/A
Theatre HL	5,6,7	DRAM A 16	AH	C1	6	3A	5.3

[Back to chart list](#)

Glossary of Terms

A.A. Degree

Associate of Arts Degree: granted to students who have completed 60 units with a grade point average of 2.0 or better, including major and general education requirements.

A.S. Degree

Associate of Science Degree: granted to students who have completed 60 units with a grade point average of 2.0 or better in biological science, chemistry, or a technical vocational major; including major and general education requirements.

AA-T and AS-T Degrees

The Student Transfer Achievement Reform Act (SB 1440), signed into legislation on September 29, 2010, enabled California Community Colleges and California State University to work together to create the Associate in Arts for Transfer Degree (AA-T) and the Associate in Science for Transfer Degree (AS-T). Upon completion of the associate degree for transfer, the student is eligible for transfer with junior standing into the California State University (CSU) system.

Students are given guaranteed admission into the CSU system, and are given priority consideration when applying to a particular program that is similar to the student's community college major. The law prohibits the CSU from requiring a transferring student to repeat courses similar to those taken at the community college that counted toward their associate degree for transfer.

Advisory

A course that is recommended, prior to enrollment in another course; Although courses designated as "advisory" are not required, they are useful as an indication of the desired level of proficiency needed to successfully complete the next course level.

Articulation

Agreement between community college and four-year institution in which four-year institution agrees to accept certain community college courses as equivalent to their own.

Assessment

Evaluation process designed to gather information about individual students to assist in appropriate course placement.

Certificate of Achievement

Awarded to students who have satisfactorily completed the major requirements and competencies in identified occupational programs.

Co-Requisite

A course that must be taken at the same time as the desired course.

Course Number

Identification number for course, such as Psychology 11.

CSU (California State University)

California State University system includes 23 campuses statewide. Closest CSU campuses to LMC are East Bay (formerly Hayward), San Francisco, San Jose, Sacramento, and the California Maritime Academy.

Competencies

College “exit” requirements in reading, writing, and math. Required for all associate degrees. Satisfied by course or exam.

Degree-Applicable (DA) Courses

Courses designated as DA are those that apply toward completion of an associate degree or certificate of achievement. Degree applicable courses are identified by the abbreviation “DA”, appearing on the last line, below the course description in the catalog.

Elective

Course a student may take other than one that is required for a particular major or degree to reach a total of the units required to graduate.

Faculty Advisor

Instructor in certain major who assists students in developing multi-semester educational plan for courses in that major.

General Education (Breadth) Requirements

Specific courses, outside student's major area, required for Associate Degree and transfer. Designed to meet the need for broad knowledge. Requirements vary from college to college.

IGETC (Intersegmental General Education Transfer Curriculum)

Program of courses designed to meet transfer requirements of either CSU (California State University) or UC (University of California) systems.

Major

Principal field of academic specialization chosen by a college student, such as computer science, music, or psychology. Requires an organized set of required classes.

Non Degree-Applicable (NDA) Courses

Courses designated as "NDA" cannot be applied toward units required for degrees or certificates. Non Degree-Applicable courses are identified by the abbreviation of "NDA", appearing on the last line below the course description in the catalog.

Pass/No Pass (P/NP)

Some courses are designated with P/NP, which indicates that students may earn a passing grade (P = satisfactory or better) or no pass (NP = less than satisfactory) grade. No letter grade will be awarded in these courses.

Prerequisite

A course or other requirement that must be completed and verified prior to enrollment in a given course.

Repeatability

Not all courses may be repeated, once they have been satisfactorily completed (with a grade of “P”, “C” or better). If a course is repeatable, it will be stated at the end of the course description. If no statement is made, the course may only be repeated one time, in the event that the first grade received was substandard (“NP”, “D”, or “F”).

Student Choice (SC)

Some courses are designated with “SC”, which means a student may choose to complete the courses for either a letter grade or a pass/no pass (P/NP) grade. See information on this grade option in the “Standards of Scholarship” section of this catalog.

Transfer Course

Any course accepted for credit towards a bachelor’s degree at a four-year institution. Shown in catalog as “Transfer: UC, CSU.”

UC (University of California)

University of California system includes ten campuses state wide: Berkeley (Cal), Davis, Irvine, Los Angeles (UCLA), Merced, Riverside, San Diego, San Francisco, Santa Barbara, Santa Cruz.

Unit (of Credit)

A measure of how much credit may be earned for any given course. Unit amounts are determined by the type of instruction associated with the course (i.e. lecture, lab) and the number of hours the class meets. See the “Guidelines on Units of Credits” section for further information.

A-Z Topics

[A-Z listing of topics of interest](#)

[View advanced placement chart](#)

[View College Level Examination Program Chart](#)

[View International Baccalaureate Examination Chart](#)

Administration and Leadership of Early Childhood Education Programs College Skills Certificate

College Skills Certificate

[Print Page](#)

[Back to department listing](#)

Units:

6.0 units

The following college skills certificates include coursework that may apply to the California Child Development Permit Matrix. Upon completion, teaching permits can be applied for through the State of California Commission on Teacher Credentialing. Contact the LMC Child Development Department for application assistance.

Toggle

Program Learning Outcomes

- 1. Advance in qualifications towards permit licensure as a Program Director or Site Supervisor.

Toggle

Program Requirements

College Skills Certificate

Required Courses for Certificate (Total 6)

Complete all of the following

[CHDEV095 - Administration of Early Childhood Programs 3](#)

[CHDEV096 - Staff Development and Leadership in Early Childhood Programs 3](#)

Advanced English for Academic & Professional Advancement Skills College Skills Certificate

College Skills Certificate

[Print Page](#)

[Back to department listing](#)

Units:

12.0 units

The LMC English as a Second Language Department offers mirrored for-credit (Credit) and not-for-credit (Non-Credit) programs and courses to best serve the needs, situations, and statuses of our diverse multilingual immigrant, refugee, and international student populations. The Credit ESL (ESL) courses lead to four General ESL and two Academic ESL College Skills Certificates. The Non-Credit ESL (ESLN) courses lead to four General ESL and two Academic ESL Certificates of Competency.

Toggle

Program Learning Outcomes

- 1. Risk responsibly and persist to accurately understand and apply a wide variety of grammatical structures – from basic to advanced - to negotiate meaning, ask questions, share and discuss ideas and opinions, solve problems, create plans, make decisions, present arguments, and apply past knowledge to achieve solid understanding and intended meaning.
- 2. Speak and listen with empathy and increasing confidence, fluency, and self-regulation, exploring diverse and alternative perspectives, within a range of formal and informal social, academic, and career communication settings.
- 3. Pay attention to recognize and self-improve pronunciation difficulties, speech challenges, writing complexities, listening obstacles, and reading issues that may impede successful engagement and interaction, finding humor and seeking out and responding with wonderment and awe to support your doing so.

Toggle

Program Requirements

College Skills Certificate

Required Courses for Major (Total 12)

Complete all of the following

[ESL095G - Advanced Grammar for College and Career Communication](#) 4

[ESL095SL - Advanced Speech Communication for Academic & Professional Pursuits](#) 3

[ESL095WRV - Advanced Academic Writing, Reading, and Dispositional Thinking](#) 5

Advanced English for Academic & Professional Development Certificate of Competency

Certificate of Competency (Non-Credit)

[Print Page](#)

[Back to department listing](#)

Units:

0.0 units

CERTIFICATES OF COMPETENCY Academic ESL for Educational and Professional Advancement • Intermediate English for College and Career Success • Advanced English for Academic and Professional Advancement The LMC English as a Second Language Department offers mirrored for-credit (Credit) and not-for-credit (Non-Credit) programs and courses to best serve the needs, situations, and statuses of our diverse multilingual immigrant, refugee, and international student populations. The Credit ESL (ESL) courses lead to four General ESL and two Academic ESL College Skills Certificates. The Non-Credit ESL (ESLN) courses lead to four General ESL and two Academic ESL Certificates of Competency. The Academic ESL for Educational and Professional Advancement Program serves and supports non-native English-speaking students who are seeking and ready to acquire intermediate and advanced academic language proficiencies and competencies. Our Academic ESL Program supports these students' college and career advancement by intentionally infusing two key components into our second language acquisition oriented program student learning outcomes (PSLOs): 1) the LMC Institutional/General Education student learning outcomes, which exist and function to prepare students to succeed in general and career education courses as well as students' chosen major coursework, and 2) the thinking dispositions (i.e., the Habits of Mind) that research has shown most significantly support student success, and which are equivalent to the very "soft skills" that industry has called upon higher education to help students attain. Additionally, our instruction takes an appreciative, strengths-based approach to teaching our multilingual immigrant, refugee, and international student populations by valuing the rich diversity they bring to our college classrooms, respecting their language learning goals as additive and commendable, and empowering them toward academic and career engagement and success.

Toggle

Program Learning Outcomes

- 1. Risk responsibly and persist to accurately understand and apply a wide variety of grammatical structures – from basic to advanced - to negotiate meaning, ask questions, share and discuss ideas and opinions, solve problems, create plans, make decisions, present arguments, and apply past knowledge to achieve solid understanding and intended meaning.
- 2. Pay attention to recognize and self-improve pronunciation difficulties, speech challenges, writing complexities, listening obstacles, grammar problems, vocabulary concerns, and reading issues that may impede successful engagement and interaction, finding humor and responding with wonderment and awe to support your doing so.
- 3. Speak and listen with empathy and increasing confidence, fluency, and self-regulation, exploring diverse and alternative perspectives, within a range of formal and informal social, academic, and career communication settings.
- 4. Communicate clearly, effectively, and creatively in writing at the word, phrase, clause, sentence, paragraph, and essay levels, reviewing and reflecting on your writing and learning, and collaborating with others to support your continual development.
- 5. Embrace having more to learn through reading inquiringly and critically and thinking flexibly about diverse, multi-genre texts at the pre-college and college levels that connect you to multicultural, social, ethical, and global ideas and issues.
- 6. Strive to gain increasing ability to understand and accurately and creatively use vocabulary learned from context and on the new general service list (NGSL) and the new academic word list (NAWL) in known and new situations.

Toggle

Program Requirements

Certificate of Competency (Non-Credit)

Required Courses for Program (Total 0)

Complete all of the following

[ESLN095G - Advanced Grammar for College and Career Communication 0](#)

[ESLN095SL - Advanced Speech Communication for Academic & Professional Pursuits 0](#)

[ESLN095WRV - Advanced Academic Writing, Reading, and Dispositional Thinking 0](#)

Advanced Placement Chart

EXAMINATION	SCORE	LMC COURSE EQUIVALENTS-SEMESTER UNITS	LMC GE AA/AS DEGREE REQUIREMENTS SATISFIED	CSU GE/ BREADTH AREA CERTIFICATION	CSU SEMESTER UNITS FOR TRANSFER	IGET C ARE A CREDIT ALLOWED	UC SEMESTER UNITS FOR TRANSFER
Art History	3,4,5	No equivalent-N/A	Arts & Humanities	Area C1 or C2	6	3A or 3B	5.3
Biology	3,4,5	BIOSC 10 - 4 units	Natural Science	Area B2&B3	6	5B with lab	5.3
Chemistry	3,4,5	CHEM 25-5 units	Natural Science	Area B1&B3	6	5A with lab	5.3
Chinese Language & Culture	3,4,5	No equivalent -N/A	Arts & Humanities	Area C2	6	3B & 6A	5.3
Computer Science A	3,4,5	COMSC 44 or 122 -3 units	N/A	N/A	3**	N/A	1.3
Computer Science AB	3,4,5	COMSC 44 + 48 - 6 units or COMC 122 + 132 - 6 units	N/A	N/A	6**	N/A	2.7

Economic s: Macro	3,4, 5	ECON 11 - 3 units	Social & Behavioral Science	Area D2	3	4B	2.7
Economic s: Micro	3,4, 5	ECON 10 - 3 units	Social & Behavioral Science	Area D2	3	4B	2.7
English: Language & Comp.	3,4, 5	ENGL 100 - 3 units	Language and Rationality	Area A2	6	1A	5.3
English: Literature & Comp.	3,4, 5	ENGL 100 - 3 units	Language and Rationality or Arts & Humanities	Area A2&C2	6	1A or 3B	5.3
Environm ental Science	3,4, 5	BIOSC 7 - 4 units	Natural Science	Area B1&B3 or Area B2 & B3*	4	5A with lab	2.7
French Language	3,4, 5	No equivalent- N/A	Arts & Humanities	Area C2	6	3B & 6A	5.3
French Literature	3,4, 5	No equivalent- N/A	N/A	Area C2	6	3B & 6A	5.3
German Language	3 4,5	No equivalent- N/A	Arts & Humanities	Area C2	6	3B & 6A	5.3
Govt. & Politics: U.S.	3 4,5	No equivalent- N/A	Social & Behavioral Science	Area D8	3****	4H	2.7
Govt. & Politics: Comparati ve	3,4, 5	No equivalent- N/A	Social & Behavioral Science	Area D8	3	4H	2.7

History: United States	3,4	N/A	Arts & Humanities or Social & Behavioral Science	Area D6 or C2		3B or 4F	
					6****		5.3
History: United States	5	HIST 29 + 30 - 6 units	Social & Behavioral Science	Area D6 or C2	6	3B or 4F	5.3
History: European	3,4, 5	No equivalent - N/A	Arts & Humanities or Social & Behavioral Science	Area D6 or C2	6	3B or 4F	5.3
History: World	3,4	N/A	Arts & Humanities or Social & Behavioral Science	Area D6 or C2	6	3B or 4F	5.3
History: World	5	HIST 34 + 35 - 6units	Social & Behavioral Science	Area D6 or C2		3B or 4F	
Human Geography	3,4, 5	No equivalent- N/A	Arts & Humanities or Social & Behavioral Science	Area D5	3	4E	2.7
Italian Language & Culture	3,4, 5	No equivalent- N/A	Arts & Humanities	Area C2	6	3B & 6A	5.3
Japanese Language & Culture	3,4, 5	No equivalent- N/A	Arts & Humanities	Area C2	6	3B & 6A	5.3

Latin: Vergil	3,4, 5	No equivalent- N/A	Arts & Humanities	Area C2	3	3B & 6A	2.7
Latin: Literature	3,4, 5	No equivalent- N/A	Arts & Humanities	Area C2	6	3B & 6A	2.7
Mathemati cs: Calculus BC	3	N/A	Language and Rationality	Area B4	6**	2A	5.3
“ : Calculus AB	3,4, 5	MATH 210 - 4 units	Language and Rationality	Area B4	3**	2A	2.7
“ : Calculus BC	4,5	MATH 210 + 220 - 8 units	Language and Rationality	Area B4	6**	2A	5.3
Music Theory	3,4	Music 15 - 3 units	Arts & Humanities	Area C1*****	6	N/A	5.3
Music Theory	5	Music 15 + 16 - 6 units	Arts & Humanities	Area C1*****	6		
Physics 1	3,4, 5	PHYS 35 - 4 units	Natural Science	Area B1&B3		5A with lab	
Physics 2					4***	5A	5.3***
Physics C: Mechanics	3,4, 5	PHYS 36 - 4 units	Natural Science	Area B1&B3	4***	5A with lab	2.7***
Physics C: Magnetis m	3,4, 5	PHYS 40 - 4 units	Natural Science	Area B1&B3	4***	5A with lab	2.7***
	3,4, 5	PHYS 41 - 4 units (3)	Natural Science	Area B1&B3	4***	5A with lab	2.7***

Psychology	3,4,5	PSYCH 11 - 3 units	Social & Behavioral Science	Area D9	3	4I	2.7
Spanish Language	3,4	SPAN 52 - 5 units	Arts & Humanities	Area C2	6	3B & 6A	5.3
Spanish Language	5	SPAN 53 - 5 units	Arts & Humanities	Area C2	6	3B & 6A	5.3
Spanish Literature	3,4,5	No equivalent-N/A	Arts & Humanities	Area C2	6	3B & 6A	5.3
Statistics	3,4,5	MATH 110-4 units	Language and Rationality	Area B4	3	2A	2.7
Studio Art: 2D Design	3,4,5	ART 10 - 3 units	N/A	N/A	3	N/A	5.3
Studio Art: 3D Design	3,4,5	ART 11 - 3 units	N/A	N/A	3	N/A	5.3
Studio Art: Drawing	3,4,5	ART 20 - 3 units	N/A	N/A	3	N/A	5.3

Notes:

1. *A student planning to transfer to a four-year college or university should consult that transfer institution's catalog regarding its awarding of Advanced Placement credit. Credit awarded at Los Medanos College for the completion of a CSU general education area and/or IGETC is as noted above.*
2. *Units awarded for Advanced Placement exams may not be used to meet the residency requirements for the associate degree.*
3. *AP tests may not satisfy the requirements for specific majors at four-year colleges. Please consult with a counselor or a university representative.*
4. ** If test was taken in Fall 2009 or earlier, credits may apply to either B1 & B3 or B2 & B3. After Fall 2009, these credits apply only to B1 & B3.*

*** If more than one exam passed in calculus or computer science, only one exam may be used for transfer.*

**** If more than one exam passed in physics: maximum of four units for CSU GE, six units for CSU transfer, 5.3 units for UC.*

**** *Partially fulfills the American History & Institutions requirement. California government requirement can be fulfilled after transfer.*

***** *If taken prior to Fall 2009.*

[Back to chart list](#)

Assistant Teacher Permit Coursework College Skills Certificate

College Skills Certificate

[Print Page](#)

[Back to department listing](#)

Units:

6.0 units

The following college skills certificates include coursework that may apply to the California Child Development Permit Matrix. Upon completion, teaching permits can be applied for through the State of California Commission on Teacher Credentialing. Contact the LMC Child Development Department for application assistance.

Toggle

Program Learning Outcomes

- 1. Obtain permit qualifications at the Assistant Teacher level.

Toggle

Program Requirements

College Skills Certificate

Required Courses for Certificate (Total 6)

Complete all of the following

[CHDEV001 - Principles and Practices of Teaching Young Children 3](#)

[CHDEV010 - Child Growth and Development 3](#)

Associate Teacher Permit Coursework College Skills Certificate

College Skills Certificate

[Print Page](#)

[Back to department listing](#)

Units:

12.0 units

The following college skills certificates include coursework that may apply to the California Child Development Permit Matrix. Upon completion, teaching permits can be applied for through the State of California Commission on Teacher Credentialing. Contact the LMC Child Development Department for application assistance.

Toggle

Program Learning Outcomes

- 1. Obtain permit qualifications at the Associate Teacher level.

Toggle

Program Requirements

College Skills Certificate

Required Courses for Certificate (Total 12)

Complete all of the following

[CHDEV001 - Principles and Practices of Teaching Young Children](#) 3

[CHDEV010 - Child Growth and Development](#) 3

[CHDEV020 - Child, Family and Community](#) 3

[CHDEV062 - Introduction to Curriculum](#) 3

Basic Vocabulary & Reading Development College Skills Certificate

College Skills Certificate

[Print Page](#)

[Back to department listing](#)

Units:

6.0 units

The LMC English as a Second Language Department offers mirrored for-credit (Credit) and not-for-credit (Non-Credit) programs and courses to best serve the needs, situations, and statuses of our diverse multilingual immigrant, refugee, and international student populations. The Credit ESL

(ESL) courses lead to four General ESL and two Academic ESL College Skills Certificates. The Non-Credit ESL (ESLN) courses lead to four General ESL and two Academic ESL Certificates of Competency.

Toggle

Program Learning Outcomes

- 1. Embrace having more to learn through reading inquiringly and critically and thinking flexibly about diverse, multi-genre college-preparatory and college texts that connect you to multicultural, social, ethical, and global ideas and issues
- 2. Strive to gain increasing ability to understand and accurately and creatively use vocabulary learned from context and on the new general service list (NGSL) and the new academic word list (NAWL) in known and new situations.

Toggle

Program Requirements

College Skills Certificate

Required Courses for Major (Total 6)

Complete all of the following

[ESL065VR - Basic Vocabulary and Reading Development 1 3](#)

[ESL075VR - Basic Vocabulary and Reading Development 2 3](#)

Basic Vocabulary and Reading Certificate of Competency (Noncredit- 108 hours)

Certificate of Competency (Non-Credit)

[Print Page](#)

[Back to department listing](#)

Units:

0.0 units

The Academic ESL for Educational and Professional Advancement Program serves and supports non-native English-speaking students who are seeking and ready to acquire intermediate and advanced academic language proficiencies and competencies. Our Academic ESL Program supports these students' college and career advancement by intentionally infusing two key components into our second language acquisition oriented program student learning outcomes (PSLOs): 1) the LMC Institutional/General Education student learning outcomes, which exist and function to prepare students to succeed in general and career education courses as well as students' chosen major

coursework; and 2) the thinking dispositions (i.e., the Habits of Mind) that research has shown most significantly support student success, and which are equivalent to the very “soft skills” that industry has called upon higher education to help students attain. Additionally, our instruction takes an appreciative, strengths-based approach to teach our multilingual immigrant, refugee, and international student populations by valuing the rich diversity they bring to our college classrooms, respecting their language learning goals as additive and commendable, and empowering them toward academic and career engagement and success.

Toggle

Program Learning Outcomes

- 1. Risk responsibly and persist to accurately understand and apply a wide variety of grammatical structures – from basic to advanced- to negotiate meaning, ask questions, share and discuss ideas and opinions, solve problems, create plans, make decisions, present arguments, and apply past knowledge to achieve solid understanding and intended meaning.
- 2. Pay attention to recognizing and self-improve pronunciation difficulties, speech challenges, writing complexities, listening obstacles, grammar problems, vocabulary concerns, and reading issues that may impede successful engagement and interaction, finding humor and responding with wonderment and awe to support you're doing so.
- 3. Speak and listen with empathy and increase confidence, fluency, and self-regulation, exploring diverse and alternative perspectives, within a range of formal and informal social, academic, and career communication settings.
- 4. Communicate clearly, effectively, and creatively in writing at the word, phrase, clause, sentence, paragraph, and essay levels, reviewing and reflecting on your writing and learning, and collaborating with others to support your continual development.
- 5. Embrace having more to learn through reading inquiringly and critically and thinking flexibly about diverse, multi-genre texts at the pre-college and college levels that connect you to multicultural, social, ethical, and global ideas and issues.
- 6. Strive to gain increasing ability to understand and accurately and creatively use the vocabulary learned from context and on the new general service list (NGSL) and the new academic word list (NAWL) in known and new situations.

Toggle

Program Requirements

Certificate of Competency (Non-Credit)

Required Courses for Major (Total 0)

Complete all of the following

Required Courses for Major (Total 0)

Complete all of the following

[ESLN065VR - Basic Vocabulary and Reading Development 1 0](#)

[ESLN075VR - Basic Vocabulary and Reading Development 2 0](#)

CHDEV-010 Child Growth and Development

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course examines the major physical, psychosocial, and cognitive/language developmental milestones for children, both typical and atypical, from conception through adolescence. There will be an emphasis on interactions between maturational processes and environmental factors while studying developmental theories and research methodologies. Students will observe children, evaluate individual differences and analyze characteristics of development at various stages.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

CSU - General Education - Breadth Requirements:

- Area D: Social Sciences
- Area E: Lifelong Learning and Self-Development

LMC Standard AA/AS - General Education Requirements:

- B. Social & Behavioral Sciences

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 4G: Interdisciplinary, Social, and Behavioral Sciences

C-ID:

- Child Development

Comparable course: CDEV 100

Student Learning Outcomes:

- 1. Describe various theoretical frameworks of child development and creatively apply these theories to interactions and prescriptions to promote optimal child development across the domains (PSLO 2)
- 2. Explain the importance of childhood and the interplay between biology, environment, multicultural factors, and social interactions on the well being of the child and identify ethical issues. (PSLO 2)
- 3. Identify major developmental milestones for children from conception through adolescence including typical and atypical development in the domains of physical, psychosocial, cognitive, and language development and effectively apply developmental theories to the analysis of child observations. (PSLO 2,3)
- 4. Apply objective and ethical techniques and skills when observing, interviewing, describing, and evaluating behavior in children. (PSLO 2)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

CHDEV-020 Child, Family and Community

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

The processes of socialization focusing on the interrelationship of family, school, and community. Examines the influence of multiple societal contexts including diversity in both the family, community and the issues that go along with it. Explores the role of collaboration between family, community, and schools in supporting children's development, birth through adolescence. Required for CHDEV majors. Satisfies Dept. of Social Services Category II.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:**LMC Standard AA/AS - General Education Requirements:**

- SB: Social and Behavioral Sciences

CSU - General Education - Breadth Requirements:

- Area D: Social Sciences

C-ID:

- Child Development

Comparable course: CDEV 110

Student Learning Outcomes:

- 1. Analyze and describe the current and historical theories of socialization that address the interrelationship of child, family and community.
- 2: Analyze and reflect on one's own values, goals, and sense of self as related to family history and life experiences past and present, assessing and reflecting on how this impacts relationships with children, families and the community. (PSLO 2)
- 3: Synthesize and analyze contemporary educational, political, socioeconomic, ethical and legal issues, and the ethical implications that affect children, impact families, schools and communities and the legal requirements and ethical responsibilities of professionals working with all children and families. (PSLO 1,2)
- 4. Assess and critique educational systems and strategies that support and empower children in diverse family structures through respectful, reciprocal relationships to involve all families in their children's development and learning and build partnerships between early learning settings, schools, and community organizations and agencies. (PSLO 2,3)
- 5: Research, assess, and participate in community support services and agencies that provide services to families locally. (2,3)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

CHDEV-022 Relationship Based Discipline Strategies For Children

Units: 2.0

[Print Page](#)

[Back to department listing](#)

Description:

The course is designed for early childhood education students, educators or parents who work with or interact with children in a classroom or family setting. Students will learn how to differentiate between compliance and relationship-based discipline methods, implement relationship-based discipline strategies, and identify children's needs based on Maslow's Hierarchy of Needs. Other topics covered include brain development, rewards and praise, and conflict resolution.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Evaluate compliance model and relationship based model class management techniques, analyze the beliefs underlying each and describe the probable short and long-term effects on children's behavior (PSLO 2,)
- CSLO 2: Use relationship based strategies to create a positive class or home community (PSLO 2, 3)
- CSLO 3: Identify children's needs using Maslow's Hierarchy of Needs and develop appropriate strategies to support children needs (PSLO 2, 3)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

2.0

Maximum Credit Units

2.0

Total Course In-Class (Contact) Hours

36.0

Course in class (contact) hours

Lecture Hours

36.0

Lab Hours

0.0

Activity Hours

0.0

CHDEV-030 Trauma Informed Practitioner: Foundations

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is the first in a two-course series on becoming a trauma informed practitioner. The course is designed for early childhood education students, teachers, parents or support service providers who work with or interact with children who have experienced trauma or who have high social emotional needs. Students will learn the neurobiology of trauma and how that impacts all domains of development, how to implement trauma informed relationship-based strategies, identify children's needs based on Maslow's Hierarchy of Needs, and write a case study.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Describe the neurobiology of trauma, how trauma impacts each domains of development and affects children's behavior (PSLO 2)
- CSLO 2: Use trauma informed relationship-based strategies to create a positive class learning environment home community or support services for children who have been exposed to trauma (PSLO 2, 3)
- CSLO 3: Identify a child's needs who has been exposed to trauma by using Maslow's Hierarchy of Needs to develop appropriate trauma informed relationship-based support strategies (PSLO 2, 3)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

CHDEV-031 Trauma Informed Practitioner: Practices and Strategies

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course will focus on children who have been exposed to trauma and have high social emotional needs in early childhood and elementary classrooms. Attachment theory and current brain research focused on self-regulation will be covered. The California Teaching Pyramid for Social Emotional Learning will also be incorporated. This course emphasizes trauma informed strategies to build a school/classroom family, the five steps for coaching self-regulation, Feeling Buddies and Baby Doll Circle Time. This course can be used towards the curriculum specialization on the Commission on Teaching Credentialing California Permit Matrix at the Master Teacher level.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Identify personal triggers that create personal challenges in working with both children who have been exposed to trauma and children with high emotional needs and develop strategies to mitigate those personal challenges (PSLO 2)
- CSLO 2: Use high impact trauma informed emotional learning practices that support both children who have been exposed to trauma and those children with high emotional needs to build secure attachments and self-regulate (PSLO 3)
- CSLO 3: Design and implement high impact trauma informed practices to create a school family within an early childhood and/or elementary classroom that supports all children's social emotional learning (PSLO 3)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours**Lecture Hours**

54.0

Lab Hours

0.0

Activity Hours

0.0

CHDEV-050 Teaching in a Diverse Society

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

Examination of the development of children's social identities in inclusive diverse settings including current, historical, theoretical and practical implications of systemic oppression and privilege as they apply to young children, families, programs, classrooms and teaching. Various inclusive classroom strategies will be explored emphasizing culturally and linguistically appropriate anti-bias curriculum, multicultural, and culturally relevant approaches that creates an antiracist classroom community, supporting all children in becoming competent members of a diverse society. Course includes self-examination and reflection on teacher's own culture, life experiences, and biases and that impact on teaching and interactions with children and families.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

CSU - General Education - Breadth Requirements:

- Area D: Social Sciences

C-ID:

- Early Childhood Education

Comparable course: ECE 230

LMC Local AA/AS - General Education Requirements:

- EM: Ethnic/Multicultural Studies

Student Learning Outcomes:

- CSLO 1: Identify stereotypes, isms, microaggressions, social injustices, as well as your own culture, life experiences and biases; examine them from a myriad of perspectives, consider the ethical issues and develop an appropriate anti-bias, multicultural, culturally relevant course of action to create an inclusive antiracist classroom community and curriculum (PSLO 2,3)
- CSLO 2: Describe the multiple impacts that internalized privilege and oppression, stereotypes, prejudice, racism, colorism, sexism, genderism, lookism, classism, heterosexism, ableism, ethnocentrism, bias and discrimination have on children's social identity development and learning, identify inclusive antiracist teaching, classroom, and curriculum strategies to mitigate them, and support children in resolving conflicts related to social injustice and bias. (PSLO 2,3)
- CSLO 3 Critically evaluate early childhood environments and curriculum for the components of linguistically and culturally relevant, age-appropriate, anti-bias, multicultural, curriculum that promotes optimum learning and development for children, and develop innovative and creative strategies to incorporate these components into classrooms. (PSLO 2,3)
- CSLO 4: Describe strategies to develop partnerships with families by understanding each family's experiences, culture and values and work with families using cultural humility to co-create a culturally relevant, multicultural, anti-bias classroom (PSLO 2,3)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

CHDEV-098 Independent Study in Child Development

Units: 0.5-3.0

[Print Page](#)

[Back to department listing](#)

Description:

Provides students an opportunity to design and pursue their own interests within a particular area. Projects reflecting cultural diversity and/or societal issues will be greatly encouraged. A contract must be drawn between the student and the instructor stipulating the goals of the independent study, the content, the method of approach, the estimated time involved, and the periodic evaluation to be used.

Requisites:

None

Course Note:

Submission of acceptable educational contract to department and Instruction Office is required.

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- Meet outcomes as specified in the approved Application for Independent Study.
- Gain knowledge and skill through the successful completion of an independent study course.
- Demonstrate and/or apply independent academic learning skills.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

0.5

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

162.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

162.0

Activity Hours

0.0

CHDEV-170 Occ Work Exp Edu in Child Development

Units: 1.0-4.0

[Print Page](#)

[Back to department listing](#)

Description:

Earn College Elective Credits While You Learn On-The-Job!!! Occupational Work Experience Education is for students whose work is related to their major. Students can develop marketable skills in preparation for employment or advancement within their current job and may repeat for 16 units of college credit. To participate in cooperative work experience education, students must be employed or formally volunteer and, with faculty and employer approval, must complete one new learning objective and work 75 paid hours or 60 non-paid hours for each unit of credit.

Requisites:

None

Course Note:

Work Experience Education Requirements

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

Section 55253. College Credit and Repetition The amendment to Title 5 created an exception to the general rule for repetition of activity courses to allow students to take the full number of units of cooperative work experience, which would otherwise be allowed. (b) If a college offers only one course in occupational work experience in a given field and that course is not offered as a variable unit openentry/open-exit course, the district policy on course repetition adopted pursuant to section 55040 may permit a student to repeat that course any number of times so long as the student does not exceed the limits on the number of units of cooperative work experience education set forth in subdivision (a). Consistent with section 58161, attendance of a student repeating a cooperative work experience course pursuant to this subdivision may be claimed for state apportionment.

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Apply professionalism and work ethic skills including personal accountability, work habits, punctuality, working productively with others, and managing time and work load.
- CSLO 2: Work in collaborative relationships with colleagues and customers and be able to work with diverse teams, negotiate, and manage conflicts.

- CSLO 3: Apply critical thinking and problem solving skills by using sound reasoning and analytical thinking as well as using knowledge, facts, and data to solve workplace problems.
- CSLO 4: Communicate thoughts and ideas clearly and effectively using public speaking skills and the ability to write clearly and effectively.
- CSLO 5: Utilize, under direct supervision, knowledge, skills and abilities acquired during prior or concurrent college course work directly related to workplace responsibilities by applying appropriate Course-Level Student Learning Outcomes from a college course to the student's place of employment.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

1.0

Maximum Credit Units

4.0

Total Course In-Class (Contact) Hours

300.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

300.0

Activity Hours

0.0

CHDEV-180 Internship in Child Development

Units: 4.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is for students who have declared a major, have taken classes in the major, and are ready for on-the-job experience in a paid or unpaid position. An internship involves working in a skilled or professional level assignment in the area of a student's vocational or academic major or field of interest. Students, with faculty and employer approval, will apply college-acquired knowledge, skills and abilities as well as acquire new learning to prepare for a career in their chosen field. Students must work 75 paid hours or 60 non-paid hours for each unit of credit earned. Students may earn a maximum of 16 units of occupational work experience internship during community college attendance which may be applied as electives toward graduation. 12 units are transferable to CSU.

Requisites:

None

Course Note:

Work Experience Education Requirements

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

Section 55253. College Credit and Repetition The amendment to Title 5 created an exception to the general rule for repetition of activity courses to allow students to take the full number of units of cooperative work experience, which would otherwise be allowed. (b) If a college offers only one course in occupational work experience in a given field and that course is not offered as a variable unit open entry/open-exit course, the district policy on course repetition adopted pursuant to section 55040 may permit a student to repeat that course any number of times so long as the student does not exceed the limits on the number of units of cooperative work experience education set forth in subdivision (a). Consistent with section 58161, attendance of a student repeating a cooperative work experience course pursuant to this subdivision may be claimed for state apportionment

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Apply professionalism and work ethic skills including personal accountability, work habits, punctuality, working productively with others, and managing time and work load.
- CSLO 2: Work in collaborative relationships with colleagues and customers and be able to work with diverse teams, negotiate, and manage conflicts
- CSLO 3: Apply critical thinking and problem solving skills by using sound reasoning and analytical thinking as well as using knowledge, facts, and data to solve workplace problems.
- CSLO 4: Communicate thoughts and ideas clearly and effectively using public speaking skills and the ability to write clearly and effectively.
- CSLO 5: Utilize, under direct supervision, knowledge, skills and abilities acquired during prior or concurrent college course work directly related to work place responsibilities by applying appropriate Course-Level Student Learning Outcomes from a college course to the internship.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

0.0

Maximum Credit Units

4.0

Total Course In-Class (Contact) Hours

300.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

300.0

Activity Hours

0.0

COUNS-030N Orientation to College

Units: 0.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is designed for first-time students to understand navigating the higher educational system and orientation to Los Medanos College. We will cover academic policies, resources, academic programs and services; introduction LMC's majors, degrees and transfer opportunities. The class will focus on academic goal completion, California system of higher education; standards of scholarship, formation of a comprehensive educational plan. The course covers topics including: use of student services, LMC certificates, associate degrees, and requirements for transfer.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Not transferable

Repeatability:

unlimited

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1. Clearly articulate their educational goal including specific requirements and resources needed. (PSLOs: A, B, E)

- CSLO 2. Identify and effectively use college resources, such as the insite portal, as well as student support services necessary for individual success. (PSLO: E)
- CSLO 3. Demonstrate understanding in how to reach their educational goal and develop a comprehensive educational plan. (PSLO: B)
- CSLO 4. Demonstrate the knowledge and understanding of the goals and background of the 3SP process: assessment, orientation, and educational plan. (PSLO: F)
- CSLO 5. Apply and demonstrate critical thinking in reading college policies such as academic scholarship, maintaining good standing, and repeatability; and problem solving around their educational issues. (PSLO: D, F)
- CSLO 6. Successfully demonstrate knowledge and skills for successful preparation to take a fully or partial online course. (PSLO: D, F)

Grade Options:

- Pass/No Pass (P/NP)

Toggle

Units and Hours

Minimum Credit Units

0.0

Maximum Credit Units

0.0

Total Course In-Class (Contact) Hours

27.0

Course in class (contact) hours

Lecture Hours

27.0

Lab Hours

0.0

Activity Hours

0.0

COUNS-032N Introduction to Career Exploration

Units: 0.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is an intense career exploration designed to engage students in their own career development. Topics include how to realistically assess, review, and interpret various areas such as interests, attitudes, values, priorities, skills and strengths, goals, and career options in the current job market. This course also covers financial literacy.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Not transferable

Repeatability:

unlimited

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Develop an educational goal and the appropriate pathway to achieve their goal (Use career center resources to research and identify college majors and transfer options) (PSLOs: A, B, E)
- CSLO 2: Align their skills, interests, abilities, and values to appropriate career options. (PSLO: A)
- CSLO 3: Utilize personality assessment data to evaluate appropriate work environments for themselves (including financial literacy). (PSLO: A)

Grade Options:

- Pass/No Pass (P/NP)

Toggle

Units and Hours

Minimum Credit Units

0.0

Maximum Credit Units

0.0

Total Course In-Class (Contact) Hours

27.0

Course in class (contact) hours

Lecture Hours

27.0

Lab Hours

0.0

Activity Hours

0.0

COUNS-034N College Success

Units: 0.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is designed to help students develop the critical thinking skills and personal confidence necessary to succeed in college. Topics will include problem solving techniques, learning styles, time- management, goal-setting, study skills and test-taking strategies, stress management and LMC support services.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Not transferable

Repeatability:

unlimited

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Identify their educational goals and personal and academic barriers to achieving those goals. (PSLOs: B, C, D, E)
- CSLO 2: Successfully navigate college resources to support their academic success. (PSLOs: E, D)
- CSLO 3: Demonstrate effective study skills and strategies. (PSLO: D)

Grade Options:

- Pass/No Pass (P/NP)

Toggle

Units and Hours

Minimum Credit Units

0.0

Maximum Credit Units

0.0

Total Course In-Class (Contact) Hours

27.0

Course in class (contact) hours

Lecture Hours

27.0

Lab Hours

0.0

Activity Hours

0.0

CSU General Education (CSU-GE Breadth), Certificate of Achievement

Certificate of Achievement

[Print Page](#)

[Back to department listing](#)

Units:

39.0 - 44.0 units

The Certificate of Achievement in CSU General Education (CSU-GE Breadth) is a program designed for students planning to transfer to the California State University (CSU) System. It offers students a program of study which meets the lower division CSU general education requirements, and students who complete this certificate will only be required to complete a minimum of 9 semester units of upper division general education work at CSU after transfer. Although the certificate recognizes the completion of lower division CSU general education requirements, it does not guarantee admission to a specific campus within the CSU system nor does it guarantee admission to a specific major. Some majors and colleges may require a different lower division preparation and/or a higher GPA than is necessary for this certificate. Students who intend to transfer must meet all current CSU transfer requirements including minimum GPA and eligibility for certification. Students are strongly advised to meet with a counselor to discuss transfer requirements and lower division major preparation that is needed for their intended transfer school.

Toggle

Program Learning Outcomes

- Communicate effectively, both verbally and in writing.

- Critically analyze and solve problems using the appropriate technique for the issue at hand, including appropriate use of logic, mathematics, multi-disciplinary, and cultural considerations where applicable.
- Critically examine the function, media, subject matter, organization, aesthetic, style, and relative excellence of representative examples of the arts, literature, philosophy, and foreign languages including approaches from various historical, cultural, and gender-based origins.
- Develop an understanding of the information available, the perspectives and approaches of the physical, biological, social and behavioral sciences, appreciating the power and limits of these methods of inquiry and both individual, ethical, and societal responsibilities.
- Organize and present information in person in a logical and understandable manner.

Toggle

Program Requirements

Certificate of Achievement

Required Courses (Total 39 - 44)

Complete the following number of credits: 39-44

ACS010 - Becoming a College Scholar-A First-Year Seminar 3
 ADJUS110 - Introduction to the Criminal Justice System 3
 ADJUS160 - Community & the Justice System 3
 ADJUS220 - Juvenile Procedures 3
 ANTHR004 - Introduction to Archaeology 3
 ANTHR005 - General Anthropology 3
 ANTHR006 - Cultural Anthropology 3
 ANTHR007 - Culture Change and Globalization 3
 ANTHR008 - Introduction to Anthropological Linguistics 3
 ART005 - The Visual Arts 3
 ART006 - Ancient Art History (to 350 CE) 3
 ART007 - Medieval and Renaissance Art History (350 to 1550 CE) 3
 ART008 - Early Modern Art History (1550 to 1920 CE) 3
 ART009 - Late Modern and Contemporary Art History (1920 CE-Present) 3
 ART016 - Asian Art History 3
 ART017 - American Art History 3
 ART018 - Indigenous Americas Art History 3
 ART019 - History of Photography 3
 ART032 - Architectural History I: The World Before 1500CE 3
 ART033 - Architectural History II: The World After 1500CE 3
 ART034 - Islamic Art History 3
 ART035 - Themes in Mesoamerican Culture through Ceramics 3
 ASTRO010 - Introduction to Astronomy 3
 ASTRO011 - Astronomy Laboratory 1
 BIOSC005 - Biology of Health 3

BIOSC007 - Ecology and the Environment 4
BIOSC008 - Human Biology 4
BIOSC010 - General Biology 4
BIOSC020 - Principles of Biology: Cell and Molecular 5
BIOSC021 - Principles of Biology: Organismal 5
BIOSC030 - Introduction to Anatomy and Physiology 4
BIOSC040 - Human Anatomy 5
BIOSC045 - Human Physiology 5
BIOSC050 - Microbiology 4
CHDEV010 - Child Growth and Development 3
CHDEV020 - Child, Family and Community 3
CHDEV050 - Teaching in a Diverse Society 3
CHEM006 - Introduction to Inorganic and Physical Chemistry 4
CHEM007 - Introduction to General, Organic and Biochemistry 4
CHEM025 - General College Chemistry I 5
CHEM026 - General College Chemistry II 5
CHEM028 - Organic Chemistry 5
CHEM029 - Organic Chemistry 5
COUNS035 - Theories and Application of Learning in College 3
COUNS036 - Career & Life Planning 3
DRAMA015 - Multicultural Perspectives Within Theatre 3
DRAMA016 - Theatre Appreciation 3
DRAMA030 - Chicano/a Mexican American Cinema: A Critical Analysis 3
DRAMA070 - Film as an International Art Form 3
ECON005 - Economic History of the United States 3
ECON010 - Principles of Microeconomics 3
ECON011 - Principles of Macroeconomics 3
EDUC100 - Introduction to Classroom Teaching 3
ENGL100 - College Composition 3
ENGL110 - Introduction to Social Justice Studies 3
ENGL111 - Creative Writing 3
ENGL114 - Creative Writing: Introduction to Story 3
ENGL122 - California Literature 3
ENGL124 - Children's Literature 3
ENGL127 - The Mythology and Literature of Ethnic Americans 3
ENGL128 - Introduction to Asian American Literature 3
ENGL129 - Introduction to Contemporary African- American Literature 3
ENGL130 - Mystery and Detective Literature 3
ENGL133 - Race, Ethnicity, and Gender in Popular Fiction and Film 3
ENGL135 - Introduction to LGBTQ+ Studies 3
ENGL144 - Hip Hop as Lit 3
ENGL146 - Hip Hop Queens 3
ENGL150 - Lesbian, Gay, Bisexual, Transgender, and Queer Literature 3
ENGL220 - Critical Thinking 3
ENGL221 - Advanced Composition and Critical Thinking 3
ENGL230 - Thinking and Writing Critically about Literature 3
ENGL240 - Survey of World Literature I: Antiquity To Mid-17th Century 3
ENGL245 - Survey of World Literature II: Mid-17th Century to Present 3
ETHN045 - Introduction to Black Studies 3
ETHN101 - Introduction to Ethnic Studies 3

ETHN102 - Critical Thinking in Ethnic Studies 3
 ETHN103 - Racial and Ethnic Justice Movements 3
 ETHN110 - Introduction to Native American/Indigenous Studies 3
 ETHN111 - Introduction to Chicana Studies 3
 ETHN112 - Introduction to Latina Studies 3
 ETHN113 - Introduction to Asian American & Pacific Islander Studies 3
 ETHN120 - Immigrant Experiences in the U.S. 3
 ETHN121 - Critical Race Feminisms 3
 ENGL100E - Enhanced College Composition 4
 FRNCH060 - Elementary French I 5
 FRNCH061 - Elementary French II 5
 HIST029 - United States History Until 1865 3
 HIST030 - United States History From 1865 3
 HIST031 - California History 3
 HIST034 - History of Western Civilization to the Renaissance 3
 HIST035 - History of Western Civilization since the Renaissance 3
 HIST037 - History of Race and Ethnicity in the United States 3
 HIST038 - Contemporary U.S. History 3
 HIST039 - World History to 1500 3
 HIST040 - World History Since 1500 3
 HIST047 - History of Native Americans 3
 HIST052 - Mexican American History 3
 HIST054 - LGBTQ American History 3
 HIST055 - History of Sexuality in North America 3
 HIST056 - History of American Women to 1877 3
 HIST057 - History of American Women Since 1877 3
 HIST060 - History of African-Americans to 1865 3
 HIST061 - History of African-Americans Since 1865 3
 HIST062 - Global History of Slavery 3
 HIST065 - History of African Civilizations to 1800 3
 HIST066 - History of African Civilizations since 1800 3
 HUMAN019 - Ancient Humanities 3
 HUMAN020 - Medieval and Renaissance Humanities 3
 HUMAN021 - Early Modern Humanities 3
 HUMAN022 - American Humanities 3
 HUMAN023 - Late Modern and Contemporary Humanities 3
 HUMAN023 - Late Modern and Contemporary Humanities 3
 HUMAN024 - Shakespeare's English Kings 3
 HUMAN030 - Modernist Paris: Artists and Intellectuals 3
 HUMAN035 - Themes in Mesoamerican Culture Through Ceramics 3
 HUMAN040 - Opera: The Human Experience in Music, Voice and Drama 3
 HUMAN050 - Hip Hop Culture: An American Phenomenon 3
 ITAL060 - Elementary Italian I 5
 ITAL061 - Elementary Italian II 5
 JOURN100 - Mass Communication 3
 KINES100 - Introduction to Kinesiology 3
 KINES200 - Personal Health and Wellness 3
 KINES203 - Drugs, Health and Society 3
 MATH110 - Introduction to Statistics 4
 MATH120 - Number Systems 4

MATH140 - Applied Calculus 4
MATH155 - Precalculus 4
MATH160 - Discrete Math 4
MATH210 - Calculus and Analytic Geometry I 4
MATH220 - Calculus and Analytic Geometry II 4
MATH230 - Calculus and Analytic Geometry III 4
MATH240 - Differential Equations 3
MATH250 - Linear Algebra 3
MUSIC010 - Music Literature 3
MUSIC012 - Popular Music in American Culture 3
MUSIC015 - Basic Music 3
MUSIC017 - Music Theory II: Tonal Harmony 3
PHIL100 - Introduction to Philosophy 3
PHIL110 - Critical Thinking and Composition 3
PHIL120 - Introduction to Ethics 3
PHIL122 - Contemporary Moral Issues 3
PHIL130 - History of Ancient Philosophy 3
PHIL132 - History of Modern Philosophy 3
PHIL133 - Philosophy of Political Theory and Thought 3
PHIL140 - Philosophy of Religion 3
PHIL150 - Philosophy Through Film and Literature 3
PHIL210 - Symbolic Logic 3
POLSC033 - Philosophy of Political Theory and Thought 3
PHYSC005 - General Physical Science 3
PHYS015 - Introduction to Physics 4
PHYS035 - College Physics I 4
PHYS036 - College Physics II 4
PHYS040 - Physics for Scientists and Engineers I 4
PHYS041 - Physics for Scientists and Engineers II 4
PHYS042 - Physics for Scientists and Engineers III 4
POLSC010 - Introduction to American Government: Institutions and Ideals 3
POLSC040 - Introduction to California State and Local Politics 3
POLSC043 - International Relations 3
POLSC050 - Introduction to Comparative Politics 3
POLSC109 - Introduction to Constitutional Law: Your Liberties and Rights 3
POLSC160 - Introduction to Law, Public Policy, and Society 3
PSYCH010 - Individual and Social Processes 3
PSYCH011 - General Psychology 3
PSYCH014 - The Psychology of Human Sexuality 3
PSYCH017 - Introduction to Research Methods in Psychology 3
SIGN050 - Elementary American Sign Language I 5
SIGN051 - Elementary American Sign Language II 5
SIGN052 - American Sign Language III 5
SIGN053 - American Sign Language IV 5
SJS110 - Introduction to Social Justice Studies 3
SJS135 - Introduction to LGBTQ+ Studies 3
SJS136 - Introduction to Gender Studies 3
SJS150 - Introduction to Race & Ethnicity 3
SOCIO012 - Introduction to Marriage and Family 3
SOCIO015 - Introduction to Sociology 3

[SOCIO016 - Introduction to Social Problems 3](#)
[SOCIO017 - Introduction to Research Methods 3](#)
[SPAN050 - Elementary Spanish I 5](#)
[SPAN051 - Elementary Spanish II 5](#)
[SPAN052 - Intermediate Spanish I 5](#)
[SPAN053 - Intermediate Spanish II 5](#)
[SPAN057 - Spanish for Spanish Speakers I 4](#)
[SPAN060 - Exploring Latino Cinema: A Critical Analysis 3](#)
[SPCH110 - Speech Communication 3](#)
[SPCH120 - Argumentation and Debate 3](#)
[SPCH130 - Interpersonal Communication 3](#)
[SPCH150 - Intercultural Communication 3](#)

Catalog Acknowledgement

Do we keep this page?

Child Development / Early Childhood Education

Program Information

The Child Development Department prepares you for careers with children, such as early childhood educator, Head Start teacher, family child care provider, center director/site supervisor and elementary schoolteacher. Courses in our department also ready you for transfer to four-year universities in majors such as human development, child development, liberal studies towards a teaching credential, and early childhood education. Parents and future parents will also benefit from the coursework as it prepares all adults to work successfully with children.

We also offer specialization coursework as it prepares you to work with infants and toddlers, children with special needs in addition to coursework that meets the requirement to become a center director/site supervisor. The curriculum is a combination of classroom teaching, laboratory practicum experiences and community site visits based on a philosophy of active learning. Many courses are also available in an online format, and many are zero textbook cost.

Degrees and Certificates

[Administration and Leadership of Early Childhood Education Programs College Skills Certificate](#)
[Assistant Teacher Permit Coursework College Skills Certificate](#)
[Associate Teacher Permit Coursework College Skills Certificate](#)
[Early Childhood Education Associate of Science Degree for Transfer \(AS-T\)](#)
[Early Childhood Education Certificate of Achievement \(COA\)](#)
[Specialization: Curriculum in Early Childhood Education College Skills Certificate](#)
[Specialization: Infant and Toddler Care and Education College Skills Certificate](#)
[Specialization: Special Needs Early Care and Education College Skills Certificate](#)
[Specialization: Trauma Informed Practitioner College Skills Certificate](#)

Course Information

CHDEV010 - Child Growth and Development
CHDEV020 - Child, Family and Community
CHDEV022 - Relationship Based Discipline Strategies For Children
CHDEV030 - Trauma Informed Practitioner: Foundations
CHDEV031 - Trauma Informed Practitioner: Practices and Strategies
CHDEV050 - Teaching in a Diverse Society
CHDEV098 - Independent Study in Child Development
CHDEV170 - Occ Work Exp Edu in Child Development
CHDEV180 - Internship in Child Development
ECE001 - Principles and Practices of Teaching Young Children
ECE010 - Child Growth and Development
ECE011 - Observation and Assessment
ECE020 - Child, Family and Community
ECE022 - Relationship Based Discipline Strategies For Children
ECE030 - Trauma Informed Practitioner: Foundations
ECE031 - Trauma Informed Practitioner: Practices and Strategies
ECE034 - Creative Art and Movement for Young Children
ECE035 - Science and Math for Young Children
ECE040 - Infant and Toddler Development
ECE041 - Developmentally Appropriate Practices For Infants and Toddlers
ECE050 - Teaching in a Diverse Society
ECE055 - Introduction to Children with Special Needs
ECE057 - Curriculum and Strategies for Children with Special Needs
ECE062 - Introduction to Curriculum
ECE065 - Health, Safety, and Nutrition in Early Childhood Programs
ECE083 - Field Experience in an Early Childhood Program
ECE090 - Student Teaching Practicum in Early Childhood Education
ECE092 - Adult Supervision / Mentor Teacher Training
ECE095 - Administration of Early Childhood Programs
ECE096 - Staff Development and Leadership in Early Childhood Programs

[Back to department listing](#)

College & Career Preparation Certificate of Completion (Noncredit- 54 hours)

Certificate of Completion (Non-Credit)

[Print Page](#)

[Back to department listing](#)

Units:

0.0 units

This noncredit Certificate of Completion aims to prepare students to enter college with a clear academic and career goal, as well as with the skills to navigate and achieve success in the college setting. These noncredit courses differ from credit-bearing courses in that they focus on skill-attainment and can be repeated as deemed necessary by the student.

Toggle

Program Learning Outcomes

- 1. Evaluate information on careers, personal values, interests, abilities, salary expectations, and work environment preferences to make a decision on major and career.
- 2. Develop an educational plan to achieve their academic and career goal.
- 3. Identify personal and systemic barriers that impede academic and career success.
- 4. Apply effective personal management strategies, study skills, and internal psychological resources that support academic and career success.
- 5. Identify and access external resources (such as student services departments and programs, instructional departments, academic support services, off-campus supports, etc.) to support academic success.
- 6. Demonstrate knowledge about how to successfully navigate college policies and procedures to access both in-person and online courses and programs.

Toggle

Program Requirements

Certificate of Completion (Non-Credit)

Required Courses for Major (Total 0)

Complete all of the following

Required Course for Major (Total 0)

Complete all of the following

[COUNS032N - Intro to Career Exploration](#) 0

Required Courses for Major (Total 0)

Complete at least one of the following rules

[COUNS030N - Orientation to College](#) 0

[COUNS034N - College Success](#) 0

College of ESL Success, Certificate of Competency

Certificate of Competency (Non-Credit)

[Print Page](#)

[Back to department listing](#)

Units:

0.0 units

College ESL Student Success • College ESL Student Orientation • College ESL Student Navigation • College ESL Student Engagement This is a Non-Credit English as a Second Language program aimed at helping non-native English-speaking students acquire the English language skills and abilities needed to support their successfully entering, navigating, and engaging in our North American community college program, courses, and pathways.

Toggle

Program Learning Outcomes

- . Risk responsibly and persist to accurately understand and apply a wide variety of grammatical structures – from basic to advanced - to negotiate meaning, ask questions, share and discuss ideas and opinions, solve problems, create plans, make decisions, present arguments, and apply past knowledge to achieve solid understanding and intended meaning.
- . Pay attention to recognize and self-improve pronunciation difficulties, speech challenges, writing complexities, listening obstacles, grammar problems, vocabulary concerns, and reading issues that may impede successful engagement and interaction, finding humor and responding with wonderment and awe to support your doing so.
- Embrace having more to learn through reading inquiringly and critically and thinking flexibly about diverse, multi-genre texts at the pre-college and college levels that connect you to multicultural, social, ethical, and global ideas and issues.

Toggle

Program Requirements

Certificate of Competency (Non-Credit)

Required Courses (Total 0)

Complete the following number of credits: 0

[ESLN001 - College ESL Student Orientation](#) 0

[ESLN002 - College ESL Student Navigation](#) 0

[ESLN003 - College ESL Student Engagement](#) 0

Counseling Noncredit

Program Information

Certificate and Courses listed below.

Degrees and Certificates

[College & Career Preparation Certificate of Completion \(Noncredit- 54 hours\)](#)

Course Information

[COUNS030N - Orientation to College](#)

[COUNS032N - Introduction to Career Exploration](#)

[COUNS034N - College Success](#)

[Back to department listing](#)

Degrees and Certificates in Major Programs

[View a list of certificate and degrees](#)

ECE-001 Principles and Practices of Teaching Young Children

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

(formerly CHDEV-001) Historical contexts and theoretical perspectives of developmentally appropriate practice in early care and education for children birth through age eight. Explores the typical roles and expectations of early childhood educators. Identifies professional ethics, career pathways, and professional standards. Introduces best practices for developmentally appropriate learning environments, curriculum, and effective pedagogy for young children including how play contributes to children's learning, growth, and development.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

C-ID:

- Child Development

Comparable course: ECE 120

Student Learning Outcomes:

- CSLO 1: Compare and contrast historical and current early childhood education settings, issues, and perspectives. (PSLO 2)
- CSLO 2: Explain how foundational knowledge of child development and learning theories inform environments, pedagogy, and interactions in early care and education settings. (PSLO 2)
- CSLO 3: Identify the roles, requirements, and responsibilities of early childhood teachers as professional educators. (PSLO 1)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

ECE-010 Child Growth and Development

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course examines the major physical, psychosocial, and cognitive/language developmental milestones for children, both typical and atypical, from conception through adolescence. There will be an emphasis on interactions between maturational processes and environmental factors while studying developmental theories and research methodologies. Students will observe children, evaluate individual differences and analyze characteristics of development at various stages.

Requisites:**Advisory**

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

CSU - General Education - Breadth Requirements:

- Area D: Social Sciences
- Area E: Lifelong Learning and Self-Development

LMC Standard AA/AS - General Education Requirements:

- B. Social & Behavioral Sciences

IGETC - Requirements for Students Transferring to CSU or UC:

- Area 4G: Interdisciplinary, Social, and Behavioral Sciences

C-ID:

- Child Development

Comparable course: CDEV 100

Student Learning Outcomes:

- 1. Describe various theoretical frameworks of child development and creatively apply these theories to interactions and prescriptions to promote optimal child development across the domains (PSLO 2)
- 2. Explain the importance of childhood and the interplay between biology, environment, multicultural factors, and social interactions on the well being of the child and identify ethical issues. (PSLO 2)
- 3. Identify major developmental milestones for children from conception through adolescence including typical and atypical development in the domains of physical, psychosocial, cognitive, and language development and effectively apply developmental theories to the analysis of child observations. (PSLO 2,3)
- 4. Apply objective and ethical techniques and skills when observing, interviewing, describing, and evaluating behavior in children. (PSLO 2)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

ECE-011 Observation and Assessment

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

(formerly CHDEV-011) This course focuses on the role of observation to support children's growth and development in early childhood programs. Various observation methods are used to complete assessments (including an individual child's DRDP-R and a classroom assessment), create individual children's learning plans, develop a classroom improvement plan and provide written family feedback. Appropriate use of assessments and rating systems, the value of portfolios and children's authentic work samples, successful observation strategies, observing learning through play, working in partnership with families, supporting children with special needs, supporting a child's culture and home language, and confidentiality are values that underpin all discussions and class assignments.

Requisites:

Prerequisite

[CHDEV010 - Child Growth and Development](#)

Prerequisite

[ECE010 - Child Growth and Development](#)

Advisory

ENGL100 - College Composition

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:**C-ID:**

- Early Childhood Education

Comparable course: ECE 200

Student Learning Outcomes:

- CSLO 1: Evaluate the characteristics, strengths, limitations, and applications of contemporary observation and assessment tools including considerations for atypical developing children and multicultural children and families. (PSLO 2)
- CSLO 2: Complete systematic observations including formative and summative assessments of children's development and learning using a variety of data collection methods to inform classroom teaching, environment design, interactions, and curriculum. Use observation and assessment data to develop individual and/or group lesson and/or learning plans. (PSLO 2, 3)
- CSLO 3: Use observations and assessments to communicate with families and professionals to mutually gain insight on the child's development, which will inform teaching responses, strategies, and curriculum using culturally sensitive language in a respectful and professional manner. (PSLO 2, 3)
- CSLO 4: Describe the ethical and professional responsibilities for educators in observing and assessing young children's development and learning. (PSLO 2)
- CSLO 5: Discuss logistical challenges, biases, and preconceptions about observing and assessing children. (PSLO 2)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

ECE-020 Child, Family and Community

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course examines the development of a psycho-social understanding of the child as a member of the family and as part of the community; patterns of family living in contemporary society; roles and interrelationships'; diversity in both the family, community and the issues that go along with it. Required for CHDEV majors. Satisfies Dept. of Social Services Category II.

Requisites:**Advisory**

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:**LMC Standard AA/AS - General Education Requirements:**

- SB: Social and Behavioral Sciences

CSU - General Education - Breadth Requirements:

- Area D: Social Sciences

C-ID:

- Child Development

Comparable course: CDEV 110

Student Learning Outcomes:

- 1. Analyze and describe the current and historical theories of socialization that address the interrelationship of child, family and community.
- 2: Analyze and reflect on one's own values, goals, and sense of self as related to family history and life experiences past and present, assessing and reflecting on how this impacts relationships with children, families and the community. (PSLO 2)
- 3: Synthesize and analyze contemporary educational, political, socioeconomic, ethical and legal issues, and the ethical implications that affect children, impact families, schools and communities and the legal requirements and ethical responsibilities of professionals working with all children and families. (PSLO 1,2)
- 4. Assess and critique educational systems and strategies that support and empower children in diverse family structures through respectful, reciprocal relationships to involve

all families in their children's development and learning and build partnerships between early learning settings, schools, and community organizations and agencies. (PSLO 2,3)

- 5: Research, assess, and participate in community support services and agencies that provide services to families locally. (2,3)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

ECE-022 Relationship Based Discipline Strategies For Children

Units: 2.0

[Print Page](#)

[Back to department listing](#)

Description:

The course is designed for early childhood education students, educators or parents who work with or interact with children in a classroom or family setting. Students will learn how to differentiate between compliance and relationship-based discipline methods, implement relationship-based discipline strategies, and identify children's needs based on Maslow's Hierarchy of Needs. Other topics covered include brain development, rewards and praise, and conflict resolution

Requisites:**Advisory**

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Evaluate compliance model and relationship based model class management techniques, analyze the beliefs underlying each and describe the probable short and long-term effects on children's behavior (PSLO 2,)
- CSLO 2: Use relationship based strategies to create a positive class or home community (PSLO 2, 3)
- CSLO 3: Identify children's needs using Maslow's Hierarchy of Needs and develop appropriate strategies to support children needs (PSLO 2,3)

Grade Options:

- Pass/No Pass (P/NP)

- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

2.0

Maximum Credit Units

2.0

Total Course In-Class (Contact) Hours

36.0

Course in class (contact) hours

Lecture Hours

36.0

Lab Hours

0.0

Activity Hours

0.0

ECE-030 Trauma Informed Practitioner: Foundations

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is the first in a two-course series on becoming a trauma informed practitioner. The course is designed for early childhood education students, teachers, parents or support service providers who work with or interact with children who have experienced trauma or who have high social emotional needs. Students will learn the neurobiology of trauma and how that impacts all domains of development, how to implement trauma informed relationship-based strategies, identify children's needs based on Maslow's Hierarchy of Needs, and write a case study.

Requisites:**Advisory**

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Describe the neurobiology of trauma, how trauma impacts each domains of development and affects children's behavior (PSLO 2)
- CSLO 2: Use trauma informed relationship-based strategies to create a positive class learning environment home community or support services for children who have been exposed to trauma (PSLO 2, 3)
- CSLO 3: Identify a child's needs who has been exposed to trauma by using Maslow's Hierarchy of Needs to develop appropriate trauma informed relationship-based support strategies (PSLO 2, 3)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

ECE-031 Trauma Informed Practitioner: Practices and Strategies

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course will focus on children who have been exposed to trauma and have high social emotional needs in early childhood and elementary classrooms. Attachment theory and current brain research focused on self-regulation will be covered. The California Teaching Pyramid for Social Emotional Learning will also be incorporated. This course emphasizes trauma informed strategies to build a school/classroom family, the five steps for coaching self-regulation, Feeling Buddies and Baby Doll Circle Time. This course can be used towards the curriculum specialization on the Commission on Teaching Credentialing California Permit Matrix at the Master Teacher level.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Identify personal triggers that create personal challenges in working with both children who have been exposed to trauma and children with high emotional needs and develop strategies to mitigate those personal challenges (PSLO 2)
- CSLO 2: Use high impact trauma informed emotional learning practices that support both children who have been exposed to trauma and those children with high emotional needs to build secure attachments and self-regulate (PSLO 3)
- CSLO 3: Design and implement high impact trauma informed practices to create a school family within an early childhood and/or elementary classroom that supports all children's social emotional learning (PSLO 3)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

ECE-034 Creative Art and Movement for Young Children

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

(formerly CHDEV-034) Explore ways to integrate art, movement, and the creative process across the early childhood curriculum. This course includes the study of stages of art development, fundamental movement concepts, creativity and artistic expression, developmentally appropriate curriculum materials, and the teacher's role in fostering creativity. Students learn how to plan and implement quality art and movement experiences including environment design, appropriate materials, and methods of presentation.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Plan and implement developmentally appropriate and culturally responsive creative art and movement experiences as a natural and regular part of an integrated early learning curriculum (PSLO 3)
- CSLO 2: Describe and evaluate the representational and symbolic aspects and development of children's art (PSLO 2)
- CSLO 3: Articulate research and theory on the purpose of movement experiences for young children's development in early childhood education. (PSLO 2, 3)
- CSLO 4: Articulate the difference between close ended (product art) and open ended (process art) art and utilize modifications to turn product art into process art (PSLO 2)
- CSLO 5: Identify a myriad of art mediums appropriate for children, the properties and potential uses of the materials and define the components of a positive atmosphere that supports creative exploration (PSLO 2)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

ECE-035 Science and Math for Young Children

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

(formerly CHDEV-035) This course is an exploration of principles, methods, and materials for teaching children math and science concepts and process skills through discovery and play. Through their own hands-on investigations, students will learn strategies for promoting early STEM learning. This course stresses the interrelatedness of science, mathematics, and literacy development.

Requisites:

Advisory

[ECE001 - Principles and Practices of Teaching Young Children](#)

Advisory

[ECE062 - Introduction to Curriculum](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Plan and implement an integrated curriculum that includes developmentally and culturally appropriate science and math experiences that engage young children in scientific inquiry and constructivist thinking. (PSLO 3,4)
- 2. Identify and choose appropriate curriculum learning goals from California Preschool Science and Math Foundations to link and inform hands-on and discovery based curriculum experiences.(PSLO 2, 4)
- 3. Build and indicate increased confidence in and comfort and enjoyment with engaging young children in science and mathematics learning experiences. (PSLO 5)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

ECE-040 Infant and Toddler Development

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

(formerly CHDEV-040) This course covers growth and developmental milestones of infants and toddlers. Components of providing quality group care for the very young, including developmentally appropriate practices, the design of effective environments, staff characteristics, and activities which encourage development are included. This is one of two courses to meet the Infant Toddler Specialization for the Child Development Permit. Satisfies Department of Social Services category IV.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1) Read critically and write effectively to analyze developmental milestones for children birth to three years in the domains of physical, psychosocial, cognitive, and language development within PITC (Program for Infant Toddler Caregivers) recommended substages of development. (PSLO 1,2)
- 2) Identify developmental theory contributions and practical recommendations from PITC (Program for Infant Toddler Caregivers) and RIE (Resources for Infant Educators), applying the foundational concepts to instructional and programming decisions. (PSLO 2, 4, 5)
- 3) Apply assessment principles and scales to direct observation and interaction with infants and toddlers, analyzing results against typical developmental milestones.(PSLO 2, 3, 5)
- 4) Analyze the multiple contextual influences on infant and toddler development and identify caregiving practices that build caregiver/child relationships and promote positive interactions between caregivers, children and families. (PSLO 2, 3, 4, 5)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours**Lecture Hours**

54.0

Lab Hours

0.0

Activity Hours

0.0

ECE-041 Developmentally Appropriate Practices For Infants and Toddlers

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

(formerly CHDEV-041) This course covers quality infant and toddler care components including daily care-giving routines, primary care-giving, developmentally appropriate environments, Program for Infant Toddler Caregivers (PITC) and Resources for Infant Educators (RIE) curriculum models as well as establishing partnerships with families through culturally responsive interactions. This is one of two courses to meet the Infant Toddler Specialization for the Child Development Permit. This course satisfies the Department of Social Services (DSS) category IV.

Requisites:

Advisory

[ECE040 - Infant and Toddler Development](#)

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1) Summarize PITC (Program for Infant Toddler Caregivers) and RIE (Resources for Infant Educators) components of quality care giving and analyze the learning and development support these practices provide. (PSLO 2)
- 2) Explain rationale and demonstrate how to establish and maintain open, supportive, culturally sensitive partnerships with families. (PSLO 2, 3)
- 3) Design a developmentally appropriate environment and curriculum plan for infants and toddlers that follows state licensing regulations for program structure, health and safety, and incorporates the developmental needs of children served with considerations of functional choices, play environment, and the caregiver role. (PSLO 2, 3, 4, 5)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

ECE-050 Teaching in a Diverse Society

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

Examination of the development of children's social identities in inclusive diverse settings including current, historical, theoretical and practical implications of systemic oppression and privilege as they apply to young children, families, programs, classrooms and teaching. Various inclusive classroom strategies will be explored emphasizing culturally and linguistically appropriate anti-bias curriculum, multicultural, and culturally relevant approaches that creates an antiracist classroom community, supporting all children in becoming competent members of a diverse society. Course includes self-examination and reflection on teacher's own culture, life experiences, and biases and that impact on teaching and interactions with children and families.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

CSU - General Education - Breadth Requirements:

- Area D: Social Sciences

C-ID:

- Early Childhood Education

Comparable course: ECE 230

LMC Local AA/AS - General Education Requirements:

- EM: Ethnic/Multicultural Studies

Student Learning Outcomes:

- CSLO 1: Identify stereotypes, isms, microaggressions, social injustices, as well as your own culture, life experiences and biases; examine them from a myriad of perspectives, consider the ethical issues and develop an appropriate anti-bias, multicultural, culturally relevant course of action to create an inclusive antiracist classroom community and curriculum (PSLO 2,3)
- CSLO 2: Describe the multiple impacts that internalized privilege and oppression, stereotypes, prejudice, racism, colorism, sexism, genderism, lookism, classism, heterosexism, ableism, ethnocentrism, bias and discrimination. have on children's social identity development and learning, identify inclusive antiracist teaching, classroom, and curriculum strategies to mitigate them, and support children in resolving conflicts related to social injustice and bias. (PSLO 2,3)
- CSLO 3 Critically evaluate early childhood environments and curriculum for the components of linguistically and culturally relevant, age-appropriate, anti-bias, multicultural, curriculum that promotes optimum learning and development for children, and develop innovative and creative strategies to incorporate these components into classrooms. (PSLO 2,3)
- CSLO 4: Describe strategies to develop partnerships with families by understanding each family's experiences, culture and values and work with families using cultural humility to co-create a culturally relevant, multicultural, anti-bias classroom (PSLO 2,3)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

ECE-055 Introduction to Children with Special Needs

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

(formerly CHDEV-055) This is one of two courses to meet the Children with Special Needs Specialization for the Child Development Permit. The course focuses on learning about young children with developmental disabilities and those who are at risk. It will include discussions of the following: special education laws, special education terminology, typical and atypical patterns of development, specialized services and contemporary issues and challenges. Several class sessions will be devoted to the understanding of developmental delays and specific disabilities, such as, autism, sensory impairments, and the effects of pre-natal substance exposure.

Requisites:**Advisory**

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Identify federal and state laws and regulations regarding early childhood special education and the role of history and society in shaping current policies and practices. (PSLO 1)
- 2. Identify the differences between typical development and atypical or delayed development and identify the best strategies for intervention based on the child's development and context. (PSLO 2)
- 3. Build relationships with families considering the cultural influences and the perspective of a parent with a young child with exceptional needs (PSLO 2, 3)
- 4. Locate the educational and community resources available to families of children with special needs and refer them to these resources (PSLO 2, 3)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

CHDEV-057 Curriculum and Strategies for Children with Special Needs

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

(formerly CHDEV-057) This is one of two courses to meet the Children with Special Needs Specialization for the Child Development Permit. The course focuses on learning to work with children with disabilities in inclusive, early childhood, and special education settings. It will include discussions of the following: assessments and curriculum; teaching methods and instructional strategies; adapting materials and activities for children with disabilities; managing challenging behaviors; adapting the physical environment, and working with families, therapists, and specialists.

Requisites:

Advisory

[ECE055 - Introduction to Children with Special Needs](#)

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Identify appropriate evaluation and assessment procedures related to children with special needs.(PSLO 2 and 3)
- CSLO 2: Demonstrate knowledge of reflective practice, cultural responsiveness, confidentiality, and professional practices when working with colleagues, children and families.
- CSLO 3: Evaluate program, educational and professional policies based on special education laws and evidence-based practices.
- CSLO 4: Design and implement curriculum strategies based on children's individualized needs in inclusive and natural environments.
- CSLO 5: Adapt the physical environment and materials to accommodate a child with a disability based on observation, evidence-based practices and legal requirements to support children's development.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours**Lecture Hours**

54.0

Lab Hours

0.0

Activity Hours

0.0

ECE-062 Introduction to Curriculum

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

(formerly CHDEV-062) This course examines the role of curriculum and environment in early childhood settings birth through age 8. Students will learn different curriculum models and how to plan, implement, and document curriculum that is developmentally appropriate. Students will use knowledge of children's development and theories of learning to plan and implement learning experiences in the areas of, math, science, language arts, and social studies. Key components include principles of curriculum development and the ongoing curriculum cycle, the teacher's role, environmental design, play, universal design for learning, and the home- school connection.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

C-ID:

- Early Childhood Education

Comparable course: ECE 130

Student Learning Outcomes:

- CSLO 1: Differentiate between various curriculum models, approaches, environment, and standards for early learning including indicators of quality and appropriately align them to the instructivist-educationalist-constructivist curriculum for ages birth through eight (PSLO 2)
- CSLO 2: Evaluate the teachers' role in early childhood programs, including planning, implementing, and evaluating activities and environments, supporting children's learning through play and building home school connections. (PSLO 3)
- CSLO: 3: Plan, implement and document an integrated projection/project that includes Universal Design for Learning (UDL) strategies based on children's observed interests that integrates the classroom environment and supports the home school connections (PSLO 3)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours**Lecture Hours**

54.0

Lab Hours

0.0

Activity Hours

0.0

ece-065 Health, Safety, and Nutrition in Early Childhood Programs

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

(formerly CHDEV-065) Course Description: This course provides an introduction to the laws, standards, policies, procedures, and curriculum, and best practices related to child health safety and nutrition in educational settings birth through middle childhood. This course covers the teacher's role to ensure physical health, mental health, and safety for both children and staff are incorporated into the classroom, along with the importance of collaboration with families and health professionals. There is a focus on nutrition and meal planning, overall risk management and integrating the concepts into everyday planning, practices, and daily routines in programs for young children.

Requisites:

Prerequisite

[ECE001 - Principles and Practices of Teaching Young Children](#)

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

C-ID:

- Early Childhood Education

Comparable course: ECE 220

Student Learning Outcomes:

- CSLO 1: Define the broad concepts and practices of health safety and nutrition, identify the corresponding laws and regulations, and identify health and safety risks and prevention strategies in care and education settings.
- CSLO 2: Describe a caregiver's role and responsibility in modeling best practices of health, safety, and nutrition habits and plan developmentally appropriate, culturally responsive learning experiences and environments that support the topics of health, safety, and nutrition.
- CSLO 3: Describe culturally responsive strategies for partnering with families and the community in support of a healthy and safe environment for children while both procuring and sharing community resources.
- CSLO 4: Apply the recommendations for children's nutrition to the development of healthy, culturally responsive, and economical meals and snacks based on the age and individual needs of children.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours**Lecture Hours**

54.0

Lab Hours

0.0

Activity Hours

0.0

ECE-083 Field Experience in an Early Childhood Program

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

(formerly CHDEV-083) This course is designed for students needing to complete experience requirements for the State of California Child Development Permit and California Community Care Licensing. Students will receive guidance and supervision from qualified mentor teachers in licensed early childhood programs as they gain direct hands-on experience guiding and teaching children from infancy to twelve years of age. This course meets the experience pre-requisite for CHDEV-090.

Requisites:

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Build relationships with children (PSLO 2, 3)
- CSLO 2: Use positive guidance techniques in working with individual and groups of children (PSLO 2, 3)
- CSLO 3: Support children's learning through developmentally and culturally appropriate interactions with children (PSLO 2, 3)
- CSLO 4: Develop and implement developmentally and culturally appropriate activities and group time (PSLO 2, 3)
- CSLO 5: Develop and maintain positive and professional relationships with the teaching team, mentor, and families through professionalism and model professionalism in their work (PSLO 1)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

162.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

162.0

Activity Hours

0.0

Minimum Credit Units

1.0

Maximum Credit Units

1.0

Total Course In-Class (Contact) Hours

0.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

0.0

Activity Hours

0.0

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

0.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

0.0

Activity Hours

0.0

ece-090 Student Teaching Practicum in Early Childhood Education

Units: 4.0

[Print Page](#)

[Back to department listing](#)

Description:

(Formerly CHDEV-090) Demonstration of developmentally appropriate and culturally relevant early childhood program planning and teaching competencies under the supervision of ECE/CD faculty and other qualified early education professionals. Students will utilize practical classroom experiences to make connections between theory and practice, develop professional behaviors, and build a comprehensive understanding of children and families. Reflective practice will be emphasized as student teachers design, implement, and evaluate approaches, strategies, and techniques that promote development and learning. Includes exploration of career pathways, professional development, and teacher responsibilities. This class fulfills the Child Development Permit requirement for College Supervised Student Teaching.

Requisites:

Prerequisite

[ECE001 - Principles and Practices of Teaching Young Children](#)

Prerequisite

[ECE011 - Observation and Assessment](#)

Prerequisite

[CHDEV020 - Child, Family and Community](#)

Prerequisite

[ECE062 - Introduction to Curriculum](#)

Prerequisite

[ECE083 - Field Experience in an Early Childhood Program](#)

Prerequisite

[CHDEV050 - Teaching in a Diverse Society](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:**C-ID:**

- Early Childhood Education

Comparable course: ECE 210

Student Learning Outcomes:

- Design and implement curriculum and environments that are developmentally culturally and linguistically appropriate, engaging, and supportive of development and learning based on foundations of early childhood education, observation, assessment, and knowledge of individual children. (PSLO 2,3)
- Apply a variety of teaching strategies, manage the classroom, monitor children's development and learning, guide behavior, and use reflection on teaching practice to guide future planning. (PSLO 3)
- Demonstrate the skills of a professional teacher including effective communication, ethical practice, responsibilities to children and families, and commitment to ongoing professional development. (PSLO 1,3)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours**Minimum Credit Units**

4.0

Maximum Credit Units

4.0

Total Course In-Class (Contact) Hours

144.0

Course in class (contact) hours

Lecture Hours

45.0

Lab Hours

81.0

Activity Hours

0.0

ECE-092 Adult Supervision / Mentor Teacher Training

Units: 2.0

[Print Page](#)

[Back to department listing](#)

Description:

(formerly CHDEV-092) Students will learn principles of and effective strategies to mentor and coach teachers and aides in the early childhood workforce. This course meets the two-unit requirement for adult supervision under the California Child Development Permit Matrix for the Master Teacher or Site Supervisor or Program Director. It is also required for teachers who want to become community-based mentors for LMC students in field placement coursework.

Requisites:

Prerequisite

[ECE001 - Principles and Practices of Teaching Young Children](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Apply reflective practice and mentoring skills to develop effective coaching relationships and strategies for explicit coaching conversations. (PSLO 3)
- CSLO 2: Use Early Childhood Education tools to observe, evaluate, guide and improve Early Childhood settings (PSLO 3)
- CSLO 3: Develop and maintain a professional portfolio (PSLO 1)
- CSLO 4: Advocate for quality early childhood programs (PSLO 2)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

2.0

Maximum Credit Units

2.0

Total Course In-Class (Contact) Hours

36.0

Course in class (contact) hours

Lecture Hours

36.0

Lab Hours

0.0

Activity Hours

0.0

ECE-095 Administration of Early Childhood Programs

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

(formerly CHDEV-095) This course covers the basic principles and practices of administering an early childhood program. Major topics include types of programs, nutrition and menu planning, budgeting, staffing, mission statements, and Federal and State regulations and requirements. This course is required for the Children's Center Supervision Permit from the State of California and satisfies the Department of Social Services Category UI requirement.

Requisites:

Prerequisite

[ECE001 - Principles and Practices of Teaching Young Children](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Compare and contrast various program structures and philosophies. (PSLO 2)
- CSLO 2: Examine effective policies and procedures for staffing and scheduling and demonstrate knowledge of compliance with regulatory systems (PSLO 1, 2)
- CSLO 3: Summarize systems and methods to support sound fiscal operations in a variety of ECE settings. (PSLO 1,2)
- CSLO 4: Identify strategies to ensure equity and respect for children, families, staff, and colleagues. (PSLO 2)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

ECE-096 Staff Development and Leadership in Early Childhood Programs

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

(formerly CHDEV-096) This course is one of a two part series covering the administration and supervision components of directing an early childhood program. This course covers effective practices to supervise, manage, and lead an early childhood program. Topics include consensus building, shared decision making, mission and vision statements, supervisory styles, time management, delegation, motivation, communication, and conflict. CHDEV-096 satisfies the Department of Social Services Category IV requirement and is one of the courses needed for the California Commission on Teacher Credentialing Children's Center Supervision Permit.

Requisites:

Prerequisite

[ECE001 - Principles and Practices of Teaching Young Children](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Identify components of hiring, observation and evaluation practices of staff to create a diverse and inclusive environment. (PSLO 1, 2)
- 2. Describe the legal requirements and responsibilities of administering an early care and education program to create a diverse and inclusive environment. (PSLO 1, 2)
- 3. Formulate strategies for compensation and connect staff professional growth opportunities in programs to create a diverse and inclusive environment. (PSLO 1, 2, 3)
- 4. Summarize essential practices for collaboration with staff, families, and community to create a diverse and inclusive environment (PSLO 2)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

ESL-065G Foundational Grammar for General Communication 1

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This is the initial step in the two-course certificate-based “Entering/Bridge” stage in the LMC General ESL Program’s grammar for general communication instructional sequence. This foundational Credit English for General Purposes (EGP) grammar course is designed to help beginning to high-beginning English language learners begin to understand and appropriately use a set of essential English language structures. Students learn through thinking, listening, reading, speaking, and writing activities that offer opportunities to learn grammar through social and situational contexts that are relevant to adult students’ everyday lives and a variety of interests. Extensive exposure and practice are emphasized. This initial entering/bridge-stage grammar course is four levels below transfer and supports students progressing to the subsequent grammar course, ESL-075G. It is recommended that students concurrently enroll in the other initial and second step entering/bridge General ESL courses – ESL-065W & ESL-075W, ESL-065VR & ESL-075VR, and ESL-065PC & ESL-075PC – as offered in the schedule of classes.

Requisites:

Advisory

One year of English language instruction; Entry/Bridge stage placement by the ESL placement process

Course Note:

None

Enrollment Limitation:

None

Transferable:

Not transferable

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Comprehend and apply comprehension of beginning to high-beginning level grammar structures in writing/reading and oral/aural communication tasks (main emphasis: PSLO 4; significant emphasis: PSLO 6; moderate emphasis PSLO 1, 2, 3, and 5)
- CSLO 2: Generate grammatically correct and varied language in writing and speech using beginning to high-beginning to structures of English (main emphasis: PSLO 4; significant emphasis: PSLO 6; moderate emphasis PSLO 3 and 5)
- CSLO 3: Practice, assess, and use habits of mind/thinking dispositions - with a focus on PERSIST - to effectively support learning grammar and interrelated language development at beginning to high-beginning levels of proficiency (main emphasis: PSLO 4; significant emphasis: PSLO 6)

Grade Options:

- Pass/No Pass

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours**Lecture Hours**

54.0

Lab Hours

0.0

Activity Hours

0.0

ESL-065PC Essential Pronunciation and Conversation Skills 1

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This is the initial step in the two-course certificate-based “Entering/Bridge” stage in the LMC General ESL Program’s oral communication instructional sequence. This foundational Credit English for General Purposes (EGP) course is designed to help non-native English speaking students develop aural acuity and oral intelligibility and confidence. Students will begin to learn about and practice general conversation skills and North American English pronunciation features such as voicing, aspiration, mouth and tongue position, intonation, stress, emphasis, rhythm, linking, vowels, consonants, syllables, thought groups, phonetics and spelling rules. Instructional emphasis is placed on focused awareness raising and practice of discrete sounds, connected speech patterns, and applied conversational use. This initial entering/bridge-stage pronunciation and conversation course is four levels below transfer and supports students progressing to the subsequent pronunciation and conversation course, ESL-075PC. It is recommended that students concurrently enroll in the other initial and second step entering/bridge General ESL courses – ESL-065G & ESL-075G, ESL-065VR & ESL-075VR, and ESL-065W & ESL-075W – as offered in the schedule of classes.

Requisites:

Advisory

One year of English language instruction; Entry/Bridge placement by the ESL placement process

Course Note:

None

Enrollment Limitation:

None

Transferable:

Not transferable

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Identify and produce target sounds and patterns in words, sentences, and connected discourse at a beginning to high-beginning level (significant emphasis: PSLO 4 and 5; moderate emphasis PSLO 1, 2; and 4).
- CSLO 2: Understand and generate phonetically correct and socio-functionally appropriate speech at a beginning to high-beginning level of English for mainly general conversational purposes (significant emphasis: PSLO 4 and 5; moderate emphasis PSLO 1, 2, 4).
- CSLO 3: Practice, assess, and use habits of mind/thinking dispositions - with a focus on PAY ATTENTION - to effectively support learning pronunciation and conversation skills and interrelated language development at beginning to high-beginning levels of proficiency (significant emphasis: PSLO 4 and 5; moderate emphasis PSLO 1, 2, and 4).

Grade Options:

- Pass/No Pass

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours**Lecture Hours**

54.0

Lab Hours

0.0

Activity Hours

0.0

ESL-065VR Basic Vocabulary and Reading Development 1

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This is the initial step in the two-course certificate-based “Entering/Bridge” stage in the LMC General ESL Program’s vocabulary and reading instructional sequence. This foundational Credit English for General Purposes (EGP) course focuses on helping non-native English-speaking language students develop beginning to high-beginning basic and critical reading skills and strategies, as well as a useful and relevant English vocabulary base. Students will work with various authentic and adapted social and multicultural texts that range in length from a) short, multi-sentence paragraphs, to b) single-page pieces, and up to c) one-page, multi-paragraph articles. Students will also engage in extensive reading and read stage-appropriate English language books and articles. Students will develop a general English vocabulary base and will learn vocabulary learning strategies, dictionary use, context clues, idioms, and word parts appropriate to developing a beginning to high-beginning level of English language proficiency. This initial entering/bridge-stage vocabulary and reading course is four levels below transfer and supports students progressing to the subsequent vocabulary and reading course, ESL-075VR. It is recommended that students concurrently enroll the other initial and second step entering/bridge General ESL courses – ESL-065G & ESL-075G, ESL-065W & ESL-075W, and ESL-065PC & ESL-075PC – as offered in the schedule of classes.

Requisites:

Advisory

One year of English language instruction; Entry/Bridge stage placement by the ESL placement process

Course Note:

None

Enrollment Limitation:

None

Transferable:

Not transferable

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Use oral and written reading and thinking skills and strategies to actively read, understand, and respond to beginning to high-beginning level, authentic and adapted texts. (main emphasis: PSLO 1 and 2; significant emphasis PSLO 6; moderate emphasis PSLO 3 and 4; slight emphasis PSLO 5).
- CSLO 2: Use basic structural information, context clues, cohesive devices, and an ESL-learner dictionary to understand and be able to use general words and everyday expressions at a beginning to high-beginning level of English (main emphasis: PSLO 1 and 2; significant emphasis: PSLO 6; moderate emphasis PSLO 3 and 4; slight emphasis PSLO 5).
- CSLO 3: Practice, assess, and use habits of mind/thinking dispositions - with a focus on ASK QUESTIONS - to effectively support learning vocabulary, reading skills, reading to learn, and interrelated language development (main emphasis: PSLO 1 and 2; significant emphasis: PSLO 6).

Grade Options:

- Pass/No Pass

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours**Lecture Hours**

54.0

Lab Hours

0.0

Activity Hours

0.0

ESL-065W Fundamental Writing Skills 1

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This is the initial step in the two-course certificate-based “Entering/Bridge” stage in the LMC General ESL Program’s writing skills instructional sequence. This foundational Credit English for General Purposes (EGP) course focuses on helping non-native English-speaking language learners develop beginning to high-beginning writing skills that are essential for clear understandable written communication. Students will learn, practice and apply basic sentence structures, punctuation and spelling rules, editing strategies, and the roles and placements of nouns, verbs, adjectives, pronouns prepositions, and conjunctions. Students will also learn stage-appropriate vocabulary and practice using new words in their writing for everyday purposes. This initial entering/bridge-stage writing skills course is four levels below transfer and supports students progressing to the subsequent writing skills course, ESL-075W. It is recommended that students concurrently enroll the other initial and second step entering/bridge General ESL courses – ESL-065G & ESL-075G, ESL-065VR & ESL-075VR, and ESL-065PC & ESL-075PC – as offered in the schedule of classes.

Requisites:

Advisory

One year of English language instruction; Entry/Bridge placement by the ESL placement process

Course Note:

None

Enrollment Limitation:

None

Transferable:

Not transferable

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Understand and produce standard English sentence structures using nouns, adjectives, pronouns, prepositions, conjunctions, and basic verb tenses, capitalization, and punctuation at a beginning to high-beginning level of English language proficiency in closed and open-ended writing assignments (main emphasis: PSLO 3; significant emphasis PSLO 6 and 4; moderate emphasis PSLO 1 and 2; slight emphasis PSLO 5).
- CSLO 2: Comprehend and use basic vocabulary, spelling rules, and editing strategies to complete controlled and creative writing tasks at a beginning to high-beginning level of proficiency (main emphasis: PSLO 3; significant emphasis PSLO 6 and 4; moderate emphasis PSLO 1 and 2; slight emphasis PSLO 5).
- CSLO 3: Practice, assess, and use habits of mind/thinking dispositions - with a focus on COLLABORATE - to effectively support developing basic writing skills and interrelated language development at beginning to high-beginning levels of English (main emphasis: PSLO 3; significant emphasis: PSLO 6).

Grade Options:

- Pass/No Pass

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

ESL-075G Foundational Grammer for General Communication 2

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This is the second step in the two-course certificate-based “Entering/Bridge” stage in the LMC General ESL grammar for communication instructional sequence. This Credit foundational English for General Purposes (EGP) grammar course is designed to help English language learners progress in their understanding and ability to appropriately use a set of essential high-beginning to low-intermediate English language structures. Students learn through thinking, listening, reading, speaking, and writing activities that offer opportunities to learn grammar through social and situational contexts that are relevant to adult students’ everyday lives and a variety of interests. Extensive exposure and practice are emphasized. This second entering/bridge-stage English for General Purposes (EGP) grammar course is three levels below transfer. The completion of it and its initial step counterpart, ESL-065G, along with the other General ESL courses courses, serve as a bridge into the English for Academic Purposes (EAP) ESL courses. It is recommended that students concurrently enroll in the other initial and second step entering/bridge General ESL courses – ESL-065W & ESL-075W, ESL-065VR & ESL-075VR, and ESL-065PC & ESL-075PC – as offered in the schedule of classes.

Requisites:

Advisory

One year of English language instruction and ESL-065G or ESLN-065G; Entry/Bridge stage placement by the ESL placement process

Course Note:

None

Enrollment Limitation:

None

Transferable:

Not transferable

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Comprehend and apply comprehension of high-beginning to low-intermediate level grammar structures in writing/reading and oral/aural communication tasks (main emphasis: PSLO 4; significant emphasis: PSLO 6; moderate emphasis PSLO 1, 2, 3, and 5).
- CSLO 2: Generate grammatically correct and varied language in writing and speech using high-beginning to low-intermediate to structures of English (main emphasis: PSLO 4; significant emphasis: PSLO 6; moderate emphasis PSLO 3 and 5).
- CSLO 3: Practice, assess, and use habits of mind/thinking dispositions - with a focus on RISK RESPONSIBLY - to effectively support learning grammar and interrelated language development at high-beginning to low-intermediate levels of proficiency (main emphasis: PSLO 4; significant emphasis: PSLO 6).

Grade Options:

- Pass/No Pass

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

ESL-075PC Essential Pronunciation and Conversation Skills 2

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This is the second step in the two-course certificate-based “Entering/Bridge” stage in the LMC General ESL oral communication instructional sequence. This foundational Credit English for General Purposes (EGP) course is designed to help non-native English-speaking students continue to improve their aural acuity and oral intelligibility and confidence to a high-beginning to low-intermediate level of proficiency. Students will progress in learning about and practicing general conversation skills and North American English pronunciation features such as voicing, aspiration, mouth and tongue position, intonation, stress, emphasis, rhythm, linking, vowels, consonants, syllables, thought groups, and phonetic and spelling rules. Instructional emphasis is placed on focused awareness raising and practice of discrete sounds, connected speech patterns, and applied conversational use. This second entering/bridge-stage English for General Purposes (EGP) pronunciation and conversation course is three levels below transfer. The completion of it and its initial step counterpart, ESL-065PC, along with the other General ESL courses, serve as a bridge into the English for Academic Purposes (EAP) ESL courses. It is recommended that students concurrently enroll in the other initial and second step entering/bridge General ESL courses – ESL-065G & ESL-075G, ESL-065VR & ESL-075VR, and ESL-065W & ESL-075W – as offered in the schedule of classes.

Requisites:

Advisory

One year of English language instruction and ESL-065PC or ESLN-065PC; Entry/Bridge stage placement by the ESL placement process

Course Note:

None

Enrollment Limitation:

None

Transferable:

Not transferable

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Identify and produce target sounds and patterns in words, sentences, and connected discourse at a high-beginning to low-intermediate level (significant emphasis: PSLO 4 and 5; moderate emphasis PSLO 1, 2; and 4).
- CSLO 2: Understand and generate phonetically correct and socio-functionally appropriate speech at a high-beginning to low-intermediate level of English for mainly conversational purposes (significant emphasis: PSLO 4 and 5; moderate emphasis PSLO 1, 2, 4).
- CSLO 3: Practice, assess, and use habits of mind/thinking dispositions - with a focus on EMPATHIZE - to effectively support learning pronunciation and conversation skills and interrelated language development at high-beginning to low-intermediate levels of proficiency (significant emphasis: PSLO 4 and 5; moderate emphasis PSLO 1, 2, and 4).

Grade Options:

- Pass/No Pass

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

ESL-075VR Basic Vocabulary and Reading Development 2

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This is the second step in the two-course certificate-based “Entering/Bridge” stage in the LMC General ESL vocabulary and reading instructional sequence. This foundational Credit English for General Purposes (EGP) course focuses on helping non-native English-speaking language students develop high-beginning to low-intermediate basic and critical reading skills and strategies, as well as an increased base of useful and relevant English vocabulary. Students work with various authentic and adapted social and multicultural texts that vary in length from two-page articles to longer multi-paragraph pieces. Students also engage in extensive reading, reading stage-appropriate English language texts and books. Students continue to expand their general English vocabulary base and learn stage-appropriate vocabulary learning strategies, dictionary use, context clues, idioms, and word parts. This second entering/bridge-stage English for General Purposes (EGP) vocabulary and reading course is three levels below transfer. The completion of it and its initial step counterpart, ESL-065VR, along with the other General ESL courses, serve as a bridge into the English for Academic Purposes (EAP) ESL courses. It is recommended that students concurrently enroll the other initial and second step entering/bridge General ESL courses – ESL-065G & ESL-075G, ESL-065W & ESL-075W, and ESL-065PC & ESL-075PC – as offered in the schedule of classes.

Requisites:

Advisory

One year of English language instruction and ESL-065VR or ESLN-065VR; Entry/Bridge stage placement by the ESL placement process

Course Note:

None

Enrollment Limitation:

None

Transferable:

Not transferable

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Use oral and written reading and thinking skills and strategies to actively read, understand, and respond to high-beginning to low-intermediate level, mainly authentic and some adapted, texts (main emphasis: PSLO 1 and 2; significant emphasis: PSLO 6; moderate emphasis PSLO 3 and 4; slight emphasis PSLO 5).
- CSLO 2: Use basic structural information, context clues, cohesive devices, and an ESL-learner dictionary to understand and be able to use general words and everyday expressions at a high-beginning to low-intermediate level of English (main emphasis: PSLO 1 and 2; significant emphasis: PSLO 6; moderate emphasis PSLO 3 and 4; slight emphasis PSLO 5).
- CSLO 3: Practice, assess, and use habits of mind/thinking dispositions - with a focus on LOOK AT THINGS ANOTHER WAY - to effectively support learning vocabulary, reading skills, reading to learn, and interrelated language development (main emphasis: PSLO 1 and 2; significant emphasis: PSLO 6).

Grade Options:

- Pass/No Pass (P/NP)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

ESL-075W Fundamental Writing Skills 2

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This is the second step in the two-course certificate-based “Entering/Bridge” stage in the LMC General ESL writing skills instructional sequence. This foundational Credit English for General Purposes (EGP) course focuses on helping non-native English-speaking language learners develop high-beginning to low-intermediate writing skills that are essential for comprehensible and meaningful written communication. Students continue to apply their developing understanding of sentence basics – including standard grammar, capitalization, punctuation and editing strategies – as they are guided on toward understanding paragraph basics and producing grammatically and syntactically proper simple present, past, future, and descriptive paragraphs. Students will also expand and enhance their writing through stage-appropriate vocabulary building and application efforts. This second entering/bridge-stage English for General Purposes (EGP) writing skills course is three levels below transfer. The completion of it and its initial step counterpart, ESL-065W, along with the other General ESL courses, serve as a bridge into the English for Academic Purposes (EAP) ESL courses. It is recommended that students concurrently enroll the other initial and second step entering/bridge General ESL courses – ESL-065G & ESL-075G, ESL-065VR & ESL-075VR, and ESL-065PC & ESL-075PC – as offered in the schedule of classes.

Requisites:

Advisory

One year of English language instruction and ESL-065W or ESLN-065W; Entry/Bridge stage placement by the ESL placement process

Course Note:

None

Enrollment Limitation:

None

Transferable:

Not transferable

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Understand and produce basic sentences and paragraphs using standard English grammar, syntax, and organization as well as planning, reviewing, editing, and revising techniques at a high-beginning to low-intermediate level of English language proficiency (main emphasis: PSLO 3; significant emphasis PSLO 6 and 4; moderate emphasis PSLO 1 and 2; slight emphasis PSLO 5).
- CSLO 2: Comprehend and use a variety of vocabulary and vocabulary learning and building strategies to complete controlled and creative writing tasks at a high-beginning to low-intermediate level of proficiency (main emphasis: PSLO 3; significant emphasis PSLO 6 and 4; moderate emphasis PSLO 1 and 2; slight emphasis PSLO 5).
- CSLO 3: Practice, assess, and use habits of mind/thinking dispositions - with a focus on COMMUNICATE CLEARLY- to effectively support developing basic writing skills and interrelated language development at high-beginning to low-intermediate levels of English (main emphasis: PSLO 3; significant emphasis: PSLO 6).

Grade Options:

- Pass/No Pass (P/NP)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

ESL-085G Intermediate Grammar for College and Career Communication

Units: 4.0

[Print Page](#)

[Back to department listing](#)

Description:

This Credit English for Academic Purposes (EAP) grammar course is designed to help non-native English speaking students who have acquired foundational-level grammar improve their understanding and accurate use of intermediate-level English grammatical structures to support, develop, and refine college and career thinking, speaking, listening, reading, and writing skills. Multilingual English language learners study complex grammatical structures within meaningful contexts of use and engage in analysis, evaluation, and experiential learning of the functional, semantic, and pragmatic components of the contextualized structures. This course is part of the three-course certificate-based package of intermediate academic and career preparation, engagement, and success courses for multilingual English language learners – ESL-085G, ESL-085WR, and

ESL-085SL. It is recommended that students concurrently enroll in the other intermediate stage Academic ESL courses – ESL-085SL and ESL-085WRV – as offered in the schedule of classes.

Requisites:

Advisory

Completion of the eight Entry/Bridge General ESL courses or equivalent; Intermediate stage placement by the ESL placement process; Concurrent enrollment in or completion of the other two Intermediate Academic ESL courses

Course Note:

None

Enrollment Limitation:

None

Transferable:

Not transferable

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Comprehend and apply comprehension of intermediate level grammar structures in reading/writing, and oral/aural communication tasks (main emphasis: PSLO 4; significant emphasis: PSLO 6; moderate emphasis PSLO 1, 2, 3, and 5).
- CSLO 2: Generate grammatically correct, varied, and creative language in writing and speech using intermediate structures of English (main emphasis: PSLO 4; significant emphasis: PSLO 6; moderate emphasis PSLO 3 and 5).
- CSLO 3: Practice, assess, and use habits of mind/thinking dispositions - with a focus on FIND SOLUTIONS - to effectively support learning grammar and interrelated language development at an intermediate level of English (main emphasis: PSLO 4; significant emphasis: PSLO 6).

Grade Options:

- Letter Grade methods

Toggle

Units and Hours

Minimum Credit Units

4.0

Maximum Credit Units

4.0

Total Course In-Class (Contact) Hours

72.0

Course in class (contact) hours

Lecture Hours

72.0

Lab Hours

0.0

Activity Hours

0.0

ESL-085SL Intermediate Oral Communication for the College Classroom and Beyond

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This is a Credit English for Academic Purposes (EAP) speaking, listening, and dispositional thinking course. It is designed to help non-native English speaking students who have acquired essential general English language proficiency improve their understanding of the oral communication realities in North American college classrooms and higher education environments and to increase their ability to actively participate and succeed therein at an intermediate level of proficiency. Students build aural and oral accuracy and fluency, learn and use contextualized vocabulary, expressions and grammar, and practice academic listening and speaking skills. The course incorporates 1) exposure to authentic college classroom content and oral/aural communication tasks from across the college curriculum – including discussions, lectures, note-taking, interpersonal

interactions, and presentational speaking and listening acts; inter-cultural and multi-cultural awareness raising; progressively structured oral communication activities and assignments; and a balanced approach to the development of both discrete and global 21st century language and communication skills. This course is part of the three-course certificate-based package of intermediate academic and career preparation, engagement, and success courses for multilingual English language learners – ESL-085SL, ESL-085G, and ESL-085WRV. It is recommended that students concurrently enroll in the other intermediate stage Academic ESL courses – ESL-085G and ESL-085WRV – as offered in the schedule of classes.

Requisites:

Advisory

Completion of the eight Entry/Bridge General ESL courses or equivalent; Intermediate stage placement by the ESL placement process; Concurrent enrollment in or completion of the other two Intermediate Academic ESL courses

Course Note:

None

Enrollment Limitation:

None

Transferable:

Not transferable

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- Use active and critical listening strategies and effective note-taking practices to understand/ participate in college and career lectures, presentations, and discussions – including associated vocabulary, expressions, and grammar – at an intermediate level of proficiency (main emphasis: PSLO 5; significant emphasis: PSLO 6; moderate emphasis: PSLOs 2 and 4).
- Apply effective oral language skills, communication strategies, and relevant and accurate vocabulary, expressions, and grammar to verbally engage in individual, pair, and group academic/career interactions and presentations at an intermediate level of proficiency

(main emphasis: PSLO 5; significant emphasis: PSLO 6; moderate emphasis: PSLOs 2 and 4).

- Practice, assess, and use habits of mind/thinking dispositions - with a focus on THINK FIRST - to effectively support learning college and career speaking and listening skills and strategies and interrelated language development at an intermediate level of English (main emphasis: PSLO 5; significant emphasis: PSLO 6).

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

ESL-085WRV Intermediate College Writing, Reading, and Dispositional Thinking

Units: 5.0

[Print Page](#)

[Back to department listing](#)

Description:

This is a Credit English for Academic Purposes (EAP) dispositional thinking, reading, writing, and vocabulary-development course. It is designed to help non-native English speaking students who have acquired the necessary general English language proficiency move on to develop academic vocabulary, reading, and writing capabilities necessary to engage and succeed in North American college classrooms at an intermediate level of proficiency. Students work with multi-page nonfiction and fiction texts from various collegiate disciplines and careers and one to two book-length works of fiction and/or nonfiction. Students learn, practice, apply, and evaluate 1) contextual and structural information to infer meaning of words and idiomatic language to enlarge their vocabulary base and improve fluency and 2) pre-, during-, and post-reading strategies to recognize and understand an author's purpose, tone, and point of view, and to analyze, evaluate, and interpret information and ideas. Students are introduced to and develop the academic ability to discuss – orally and in writing - their opinion/reaction to readings while developing critical and dispositional thinking and academic language skills at an intermediate level of language proficiency. Students also learn and practice specific U.S. academic writing standards at the sentence, paragraph, and essay level such as summarizing, paraphrasing, and quoting authors' ideas using MLA citation practices. Taken with the other two intermediate stage courses, ESL-085WRV prepares students for ESL-095WRV. This course is part of the three-credit-course package of intermediate college and career preparation, engagement, and success courses for multilingual English language learners – ESL-085WRV, ESL-085G, and ESL-085SL. It is recommended that students concurrently enroll in the other intermediate stage Academic ESL courses – ESL-085G and ESL-085SL – as offered in the schedule of classes.

Requisites:

Advisory

Completion of the eight Entry/Bridge General ESL courses or equivalent; Intermediate stage placement by the ESL placement process; Concurrent enrollment in or completion of the other two Intermediate Academic ESL courses

Credit by Exam/Challenge:

Yes

Course Note:

None

Enrollment Limitation:

None

Transferable:

Not transferable

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Actively and critically read, understand, reflect on, and respond to academic and literary texts at an intermediate level of proficiency using oral and written reading and thinking strategies and skills (main emphasis: PSLO 1 and 2; significant emphasis: PSLO 6; moderate emphasis PSLO 3 and 4; slight emphasis PSLO 5).
- CSLO 2: Infer and define meaning and learn and use new words and idiomatic language at an intermediate level of proficiency using structural information, contextual clues, and cohesive devices as well as an English language dictionary (main emphasis: PSLO 1 and 2; significant emphasis: PSLO 6; moderate emphasis PSLO 3 and 4; slight emphasis PSLO 5).
- CSLO 3: Write, edit, and revise academic and expository paragraphs and essays, which integrate and synthesize course readings, discussions, and personal opinions/reactions/ ideas, are clearly focused, well developed, logically organized, and show an intermediate level of developing linguistic proficiency (main emphasis; PSLO 1, 2, and 3; significant emphasis: PSLO 4 and 6; moderate emphasis PSLO 5).
- CSLO 4: Practice, assess, and use habits of mind/thinking dispositions - with a focus on REFLECT and LEARN MORE - to effectively support learning vocabulary, reading skills and strategies, reading to learn, writing, and interrelated language development at an intermediate level of English (main emphasis: PSLO 1, 2, and 3; significant emphasis: PSLO 6).

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

5.0

Maximum Credit Units

5.0

Total Course In-Class (Contact) Hours

90.0

Course in class (contact) hours

Lecture Hours

90.0

Lab Hours

0.0

Activity Hours

0.0

ESL-095G Advanced Grammar for College and Career Communication

Units: 4.0

[Print Page](#)

[Back to department listing](#)

Description:

This Credit English for Academic Purposes (EAP) grammar course is designed to help non-native English speaking students who have acquired intermediate grammatical and language proficiency move on to improve their understanding and accurate use of highly multifaceted low-advanced to advanced English grammatical structures to support, develop, and refine college and career thinking, speaking, reading, listening, and writing skills. Multilingual English language learners study particularly complex grammar structures and their nuances within meaningful contexts of use and engage in analysis, evaluation, and experiential learning of the functional, semantic, and pragmatic components of the contextualized structures. This course is part of the three-course package of advanced general and career education transition and support courses for multilingual English language learners: ESL-095G, ESL-095WRV, and ESL-095SL. It is recommended that students concurrently enroll in the other advanced stage Academic ESL courses – ESL-095SL and ESL-095WRV – as offered in the schedule of classes.

Requisites:

Advisory

Completion of the three Intermediate Academic ESL courses or equivalent; Advanced stage placement by the ESL placement process; Concurrent enrollment in or completion of the other two Advanced Academic ESL courses

Course Note:

None

Enrollment Limitation:

None

Transferable:

Not transferable

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Comprehend and apply comprehension of low-advanced to advanced level grammar structures in reading/writing and oral/aural communication tasks (main emphasis: PSLO 4; significant emphasis: PSLO 6; moderate emphasis PSLO 1, 2, 3, and 5)
- CSLO 2: Generate grammatically correct, complex, varied, and creative language in writing and speech using low-advanced to advanced structures of English (main emphasis: PSLO 4; significant emphasis: PSLO 6; moderate emphasis PSLO 3 and 5).
- CSLO 3: Practice, assess, and use habits of mind/thinking dispositions - with a focus on SEEK OUT AND RESPOND WITH WONDERMENT AND AWE - to effectively support learning grammar and interrelated language development at a low-advanced to advanced level of English (main emphasis: PSLO 4; significant emphasis: PSLO 6).

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

4.0

Maximum Credit Units

4.0

Total Course In-Class (Contact) Hours

72.0

Course in class (contact) hours

Lecture Hours

72.0

Lab Hours

0.0

Activity Hours

0.0

ESL-095SL Advanced Speech Communication for Academic & Professional Pursuits

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This is a Credit English for Academic Purposes (EAP) speaking, listening, and dispositional thinking course. It is designed to help non-native English speaking students who have acquired intermediate language proficiency move on toward enhancing their understanding of and abilities to achieve in college, career, and personal speech communication environments, situations, acts, and interactions at an advanced level of proficiency. In this content-based second language acquisition course, students will be introduced to and begin exploring college-level public speaking, interpersonal communication, intercultural and multicultural communication material in order to develop and strengthen related oral/aural language skills and communication strategies. Concentrating on these learners' receptive and productive English language development, course work includes content learning along with skill and strategy practice and improvement within the following areas: understanding culture(s), listening actively, communicating verbally and nonverbally, managing conflict, relationships, and workplace communication. Students will learn and advance via active participation in individual, pair, group/team, and whole-class instructional activities that are both sociolinguistically interactive and cognitively challenging. Successful completion of this course – in conjunction with corresponding overall English language grammatical and reading/writing proficiency – purposefully prepares students to succeed in Communication Studies (Speech Communication) courses, other college-level courses, and job/workplace/career opportunities. This course is part of the three-course package of advanced general and career education transition and support courses for multilingual English language learners: ESL-095SL, ESL-095G, and

ESL-095WRV. It is recommended that students concurrently enroll in the other advanced stage Academic ESL courses – ESL-095G and ESL-095WRV – as offered in the schedule of classes.

Requisites:

Advisory

Completion of the three Intermediate Academic ESL courses or equivalent; Advanced stage placement by the ESL placement process; Concurrent enrollment in or completion of the other two Advanced Academic ESL courses

Course Note:

None

Enrollment Limitation:

None

Transferable:

Not transferable

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Use active and critical listening skills and strategies to understand academic, interpersonal, and career interactions and speeches – including associated vocabulary, expressions, and grammar – at an advanced level of proficiency (main emphasis: PSLO 5; significant emphasis: PSLO 6; moderate emphasis: PSLOs 2 and 4).
- CSLO 2: Understand and use effective interpersonal and intercultural communication strategies and relevant and accurate vocabulary, expressions, and grammar to orally engage in academic, interpersonal, and career individual, pair, and group interactions and presentations at an advanced level of proficiency (main emphasis: PSLO 5; significant emphasis: PSLO 6; moderate emphasis: PSLOs 2 and 4).
- CSLO 3: Practice, assess, and use habits of mind/thinking dispositions - with a focus on FIND HUMOR - to effectively support learning academic, interpersonal, and career/professional speaking and listening skills and strategies and interrelated language development at an advanced level of English (main emphasis: PSLO 5; significant emphasis: PSLO 6).

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours**Lecture Hours**

54.0

Lab Hours

0.0

Activity Hours

0.0

ESL-095WRV Advanced Academic Writing, Reading, and Dispositional Thinking

Units: 5.0

[Print Page](#)

[Back to department listing](#)

Description:

This is a Credit English for Academic Purposes (EAP) dispositional thinking, reading, writing, and vocabulary-development course. It is designed for non-native English speaking students who have

acquired intermediate language proficiency move on to improve their ability to successfully undertake North American college-level work at an advanced level of proficiency. This course helps ESL students develop academic vocabulary and college-level analysis and evaluation reading and writing capabilities. Students work with multi-page and book-length nonfiction and fiction texts on contemporary topics and issues from a range of disciplines and perspectives. Students continue to learn, evaluate, and hone the use of 1) contextual and structural information to infer meaning of words and idiomatic language to enlarge their vocabulary base and improve fluency and 2) pre-, during-, and post-reading strategies to enhance comprehension and to analyze, evaluate, and interpret information and ideas. Students persist to develop and refine the academic ability to discuss – orally and in writing - their opinion/reaction to readings while developing critical and dispositional thinking and academic language skills. Students advance their understanding of specific U.S. academic writing standards, focusing on the essay level, and including summarizing, paraphrasing, and quoting authors' ideas using MLA citation practices. Successful completion of this course – in conjunction with advanced English language grammatical and speaking/listening proficiency – purposefully prepares students for ENGL-100/101 as well as college-level courses. This course is part of the three-course package of advanced general and career education transition and support courses for multilingual English language learners – ESL-095WRV, ESL-095G, and ESL-095SL. It is recommended that students concurrently enroll in the other advanced stage Academic ESL courses – ESL-095G and ESL-095SL – as offered in the schedule of classes.

Requisites:

Advisory

Completion of the three Intermediate Academic ESL courses or equivalent; Advanced stage placement by the ESL placement process; Concurrent enrollment in or completion of the other two Advanced Academic ESL courses

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Actively and critically read, understand, reflect on, and respond to academic and literary texts at a low-advanced to advanced level of proficiency using oral and written reading and thinking strategies and skills (main emphasis: PSLO 1 and 2; significant emphasis: PSLO 6; moderate emphasis PSLO 3 and 4; slight emphasis PSLO 5).
- CSLO 2: Infer and define meaning and learn and use new words and idiomatic language at a low-advanced to advanced level of proficiency using structural information, contextual clues, and cohesive devices as well as an English language dictionary (main emphasis: PSLO 1 and 2; significant emphasis: PSLO 6; moderate emphasis PSLO 3 and 4; slight emphasis PSLO 5).
- CSLO 3: Write, edit, and revise academic and expository paragraphs and essays, which integrate and synthesize course readings, discussions, and personal opinions/reactions/ ideas, are clearly focused, well developed, logically organized, and show a low-advanced to advanced level of developing linguistic proficiency (main emphasis; PSLO 1, 2, and 3; significant emphasis: PSLO 4 and 6; moderate emphasis PSLO 5).
- CSLO 4: Practice, assess, and use habits of mind/thinking dispositions - with a focus on STRIVE FOR ACCURACY and INNOVATE - to effectively support learning vocabulary, reading skills and strategies, reading to learn, writing, and interrelated language development at a low-advanced to advanced level of English (main emphasis: PSLO 1, 2, and 3; significant emphasis: PSLO 6).

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

5.0

Maximum Credit Units

5.0

Total Course In-Class (Contact) Hours

90.0

Course in class (contact) hours

Lecture Hours

90.0

Lab Hours

0.0

Activity Hours

0.0

ESL-098 Independent Study in English As a Second Language

Units: 0.5-3.0

[Print Page](#)

[Back to department listing](#)

Description:

Provides students an opportunity to design and pursue their own interests within a particular area. Projects reflecting cultural diversity and/or societal issues will be greatly encouraged. A contract must be drawn between the student and the instructor stipulating the goals of the independent study, the content, the method of approach, the estimated time involved, and the periodic evaluation to be used. This course may be repeated for credit. (Minimum 1 hour per week with instructor plus 54 hours of contracted work for each unit of credit.)

Requisites:

None

Course Note:

Submission of acceptable educational contract to department and Instruction Office is required.

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- Meet outcomes as specified in the approved Application for Independent Study.
- Gain knowledge and skill through the successful completion of an independent study course.
- Demonstrate and/or apply independent academic learning skills.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

0.5

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

162.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

162.0

Activity Hours

0.0

ESLN-001 College ESL Student Orientation

Units: 0.0

[Print Page](#)

[Back to department listing](#)

Description:

This is the first in a series of three Non-Credit English for college success courses that support English language learners new to the North American college. The course helps nonnative English-speaking students develop and use the English language skills and abilities needed to understand and actively participate in crucial college ESL program entering components, concepts, and processes. Students learn through second language learning activities and opportunities that enable access to and guided participation in onboarding processes and development of the "college knowledge" involved in successfully taking ESL classes at LMC. Students can and are encouraged to strive to earn the College ESL Student Success Certificate of Competency, by taking this course, ESLN-001 (Orientation), ESLN-002 (Navigation), and ESLN-003 (Engagement).

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Not transferable

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Read, comprehend, and apply comprehension of college ESL student orientation materials and processes. [PSLO 1 and 2]
- CSLO 2: Listen, understand, and apply understanding of college ESL student orientation lectures, presentations, and audio/visual sources. [PSLO 5]
- CSLO 3: Understand and use ESL Self-Placement results to select appropriate ESL courses for registration and educational plan. [PSLO 1]

Grade Options:

- Pass/No Pass (P/NP)
- Satisfactory Progress (SP)

Toggle

Units and Hours

Minimum Credit Units

0.0

Maximum Credit Units

0.0

Total Course In-Class (Contact) Hours

4.0

Course in class (contact) hours

Lecture Hours

4.0

Lab Hours

0.0

Activity Hours

0.0

ESLN-002 College ESL Student Navigation

Units: 0.0

[Print Page](#)

[Back to department listing](#)

Description:

This is the second in a series of three Non-Credit English for college success courses that support English language learners new to the North American college institution. The course helps nonnative English-speaking students develop and apply English language communicative competencies necessary to understand and manage key college navigation concepts, departments, and processes. Students learn through second language learning activities that increase access to and guided negotiation of specific student support services. Such activities also include experiential

opportunities to build fluency with the "college knowledge" involved in successfully being a student at LMC and moving through it. Students can and are encouraged to strive to earn the College ESL Student Success Certificate of Competency, by taking this course, ESLN-002 (Navigation), ESLN-001 (Orientation), and ESLN-003 (Engagement).

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Not transferable

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Read, comprehend, and apply comprehension of college student support services materials. [PSLO 1 and 2]
- CSLO 2: Listen and speak with increasing fluency to access and engage about and with college student support services. [PSLO 5]

Grade Options:

- Pass/No Pass (P/NP)
- Satisfactory Progress (SP)

Toggle

Units and Hours

Minimum Credit Units

0.0

Maximum Credit Units

0.0

Total Course In-Class (Contact) Hours

8.0

Course in class (contact) hours

Lecture Hours

8.0

Lab Hours

0.0

Activity Hours

0.0

ESLN-003 College ESL Student Engagement

Units: 0.0

[Print Page](#)

[Back to department listing](#)

Description:

This is the third in a series of three Non-Credit English for college success courses that support English language learners new to the North American college academic environment. The course helps nonnative English-speaking students develop and employ English language interaction capabilities essential to understanding and connecting with specific college learning support resources and their associated concepts, departments, and processes. Students learn through second language learning activities that improve access to and guided engagement with academic learning support areas and resources on campus. Such activities will also include experiential opportunities to develop proficiency with the "college knowledge" involved in proactively seeking out and getting academic learning support while studying at LMC. Students can and are encouraged to strive to earn the College ESL Student Success Certificate of Competency, by taking this course, ESLN-003 (Engagement), ESLN-001 (Orientation), and ESLN-002 (Navigation).

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Not transferable

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Read, comprehend, and apply comprehension of college academic learning support resources materials. [PSLO 1 and 2]
- CSLO 2: Listen and speak with increasing fluency to access and engage about and with college academic learning support resources. [PSLO 5]

Grade Options:

- Pass/No Pass (P/NP)
- Satisfactory Progress (SP)

Toggle

Units and Hours**Minimum Credit Units**

0.0

Maximum Credit Units

0.0

Total Course In-Class (Contact) Hours

8.0

Course in class (contact) hours

Lecture Hours

8.0

Lab Hours

0.0

Activity Hours

0.0

ESLN-065G Foundational Grammar for General Communication 1

Units: 0.0

[Print Page](#)

[Back to department listing](#)

Description:

This is the initial step in the two-course certificate-based “Entering/Bridge” stage in the LMC General ESL Program’s grammar for general communication instructional sequence. This Non-Credit foundational English for General Purposes (EGP) grammar course is designed to help beginning to high-beginning English language learners begin to understand and appropriately use a set of essential English language structures. Students learn through thinking, listening, reading, speaking, and writing activities that offer opportunities to learn grammar through social and situational contexts that are relevant to adult students’ everyday lives and a variety of interests. Extensive exposure and practice are emphasized. This initial entering/bridge-stage grammar course is four levels below transfer and supports students progressing to the subsequent grammar course, ESLN-075G. It is recommended that students concurrently enroll in the other initial and second step entering/bridge General ESL courses – ESL-065W & ESL-075W, ESL-065VR & ESL-075VR, and ESL-065PC & ESL-075PC – as offered in the schedule of classes.

Requisites:

Advisory

One year of English language instruction; Entry/Bridge stage placement by the ESL placement process

Course Note:

None

Enrollment Limitation:

None

Transferable:

Not transferable

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Comprehend and apply comprehension of beginning to high-beginning level grammar structures in writing/reading and oral/aural communication tasks (main emphasis: PSLO 4; significant emphasis: PSLO 6; moderate emphasis PSLO 1, 2, 3, and 5)
- CSLO 2: Generate grammatically correct and varied language in writing and speech using beginning to high-beginning to structures of English (main emphasis: PSLO 4; significant emphasis: PSLO 6; moderate emphasis PSLO 3 and 5)
- CSLO 3: Practice, assess, and use habits of mind/thinking dispositions - with a focus on PERSIST - to effectively support learning grammar and interrelated language development at beginning to high-beginning levels of proficiency (main emphasis: PSLO 4; significant emphasis: PSLO 6)

Grade Options:

- Pass/No Pass
- Other

Toggle

Units and Hours

Minimum Credit Units

0.0

Maximum Credit Units

0.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

ESLN-065PC Essential Pronunciation and Conversation Skills 1

Units: 0.0

[Print Page](#)

[Back to department listing](#)

Description:

This is the initial step in the two-course certificate-based “Entering/Bridge” stage in the LMC General ESL Program’s grammar for general communication instructional sequence. This Non-Credit foundational English for General Purposes (EGP) grammar course is designed to help beginning to high-beginning English language learners begin to understand and appropriately use a set of essential English language structures. Students learn through thinking, listening, reading, speaking, and writing activities that offer opportunities to learn grammar through social and situational contexts that are relevant to adult students’ everyday lives and a variety of interests. Extensive exposure and practice are emphasized. This initial entering/bridge-stage grammar course is four levels below transfer and supports students progressing to the subsequent grammar course, ESLN-075G. It is recommended that students concurrently enroll in the other initial and second step entering/bridge General ESL courses – ESL-065W & ESL-075W, ESL-065VR & ESL-075VR, and ESL-065PC & ESL-075PC – as offered in the schedule of classes.

Requisites:

Advisory

One year of English language instruction; Entry/Bridge stage placement by the ESL placement process

Course Note:

None

Enrollment Limitation:

None

Transferable:

Not transferable

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Comprehend and apply comprehension of beginning to high-beginning level grammar structures in writing/reading and oral/aural communication tasks (main emphasis: PSLO 4; significant emphasis: PSLO 6; moderate emphasis PSLO 1, 2, 3, and 5)
- CSLO 2: Generate grammatically correct and varied language in writing and speech using beginning to high-beginning to structures of English (main emphasis: PSLO 4; significant emphasis: PSLO 6; moderate emphasis PSLO 3 and 5)
- CSLO 3: Practice, assess, and use habits of mind/thinking dispositions - with a focus on PERSIST - to effectively support learning grammar and interrelated language development at beginning to high-beginning levels of proficiency (main emphasis: PSLO 4; significant emphasis: PSLO 6)

Grade Options:

- Pass/No Pass (P/NP)
- Satisfactory Progress (SP)

Toggle

Units and Hours

Minimum Credit Units

0.0

Maximum Credit Units

0.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

ESLN-065VR Basic Vocabulary and Reading Development 1

Units: 0.0

[Print Page](#)

[Back to department listing](#)

Description:

This is the initial step in the two-course certificate-based “Entering/Bridge” stage in the LMC General ESL vocabulary and reading instructional sequence. This foundational Non-Credit English for General Purposes (EGP) course focuses on helping non-native English speaking language students develop beginning to high-beginning basic and critical reading skills and strategies, as well as a useful and relevant English vocabulary base. Students will work with various authentic and adapted social and multicultural texts that range in length from a) short, multi-sentence paragraphs, to b) single-page pieces, and up to c) one-page, multi-paragraph articles. Students will also engage in extensive reading and read level-appropriate English language books and articles. Students will develop a vocabulary base and will learn vocabulary learning strategies, dictionary use, context clues, idioms, and word parts appropriate to developing a beginning to high-beginning level of English language proficiency. This initial entering-stage vocabulary and reading course is four levels below transfer and supports students progressing to the subsequent vocabulary and reading course, ESLN-075VR. It is recommended that students concurrently enroll the other initial and second step entering/bridge General ESL courses – ESLN-065G & ESLN-075G, ESLN-065W & ESLN-075W, and ESLN-065PC & ESLN-075PC – as offered in the schedule of classes.

Requisites:

Advisory

One year of English language instruction; Entry/Bridge stage placement by the ESL placement process

Credit by Exam/Challenge:

Yes

Course Note:

None

Enrollment Limitation:

None

Transferable:

Not transferable

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Use oral and written reading and thinking skills and strategies to actively read, understand, and respond to beginning to high-beginning level, authentic and adapted texts. (main emphasis: PSLO 1 and 2; significant emphasis PSLO 6; moderate emphasis PSLO 3 and 4; slight emphasis PSLO 5).
- CSLO 2: Use basic structural information, context clues, cohesive devices, and an ESL-learner dictionary to understand and be able to use general words and everyday expressions at a beginning to high-beginning level of English (main emphasis: PSLO 1 and 2; significant emphasis: PSLO 6; moderate emphasis PSLO 3 and 4; slight emphasis PSLO 5).
- CSLO 3: Practice, assess, and use habits of mind/thinking dispositions - with a focus on ASK QUESTIONS - to effectively support learning vocabulary, reading skills, reading to learn, and interrelated language development (main emphasis: PSLO 1 and 2; significant emphasis: PSLO 6).

Grade Options:

- Pass/No Pass (P/NP)
- Satisfactory Progress (SP)

Toggle

Units and Hours

Minimum Credit Units

0.0

Maximum Credit Units

0.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

ESLN-065W Fundamental Writing Skills 1

Units: 0.0

[Print Page](#)

[Back to department listing](#)

Description:

This is the initial step in the two-course certificate-based “Entering/Bridge” stage in the LMC General ESL Program’s writing skills instructional sequence. This foundational Non-Credit English for General Purposes (EGP) course focuses on helping non-native English-speaking language learners develop beginning to high-beginning writing skills that are essential for clear understandable written communication. Students will learn, practice and apply basic sentence structures, punctuation and spelling rules, editing strategies, and the roles and placements of nouns, verbs, adjectives, pronouns prepositions, and conjunctions. Students will also learn stage-appropriate vocabulary and practice using new words in their writing for everyday purposes. This initial entering/bridge-stage writing skills course is four levels below transfer and supports students progressing to the subsequent writing skills course, ESLN-075W. It is recommended that students concurrently enroll the other initial and second step entering/bridge General ESL courses – ESLN-065G & ESLN-075G, ESLN-065VR & ESLN-075VR, and ESLN-065PC & ESLN-075PC – as offered in the schedule of classes.

Requisites:

Advisory

One year of English language instruction; Entry/Bridge stage placement by the ESL placement process

Course Note:

None

Enrollment Limitation:

None

Transferable:

Not transferable

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- Understand and produce standard English sentence structures using nouns, adjectives, pronouns, prepositions, conjunctions, and basic verb tenses, capitalization, and punctuation at a beginning to high-beginning level of English language proficiency in closed and open-ended writing assignments (main emphasis: PSLO 3; significant emphasis PSLO 6 and 4; moderate emphasis PSLO 1 and 2; slight emphasis PSLO 5).
- CSLO 2: Comprehend and use basic vocabulary, spelling rules, and editing strategies to complete controlled and creative writing tasks at a beginning to high-beginning level of proficiency (main emphasis: PSLO 3; significant emphasis PSLO 6 and 4; moderate emphasis PSLO 1 and 2; slight emphasis PSLO 5).
- CSLO 3: Practice, assess, and use habits of mind/thinking dispositions - with a focus on COLLABORATE - to effectively support developing basic writing skills and interrelated language development at beginning to high-beginning levels of English (main emphasis: PSLO 3; significant emphasis: PSLO 6).

Grade Options:

- Pass/No Pass (P/NP)
- Satisfactory Progress (SP)

Toggle

Units and Hours

Minimum Credit Units

0.0

Maximum Credit Units

0.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

ESLN-075G Foundational Grammar for General Communication 2

Units: 0.0

[Print Page](#)

[Back to department listing](#)

Description:

This is the second step in the two-course certificate-based “Entering/Bridge” stage in the LMC General ESL grammar for communication instructional sequence. This Non-Credit foundational English for General Purposes (EGP) grammar course is designed to help English language learners progress in their understanding and ability to appropriately use a set of essential high-beginning to low-intermediate English language structures. Students learn through thinking, listening, reading, speaking, and writing activities that offer opportunities to learn grammar through social and situational contexts that are relevant to adult students’ everyday lives and a variety of interests. Extensive exposure and practice are emphasized. This second entering/bridge-stage English for General Purposes (EGP) grammar course is three levels below transfer. The completion of it and its initial step counterpart, ESLN-065G, along with the other General ESL courses, serve as a bridge into the English for Academic Purposes (EAP) ESL courses. It is recommended that students

concurrently enroll in the other initial and second step entering/bridge General ESL courses – ESLN-065W & ESLN-075W, ESLN-065VR & ESLN-075VR, and ESLN-065PC & ESLN-075PC – as offered in the schedule of classes.

Requisites:

Advisory

One year of English language instruction and ESL-065G or ESLN-065G; Entry/Bridge stage placement by the ESL placement process

Course Note:

None

Enrollment Limitation:

None

Transferable:

Not transferable

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Comprehend and apply comprehension of high-beginning to low-intermediate level grammar structures in writing/reading and oral/aural communication tasks (main emphasis: PSLO 4; significant emphasis: PSLO 6; moderate emphasis PSLO 1, 2, 3, and 5).
- CSLO 2: Generate grammatically correct and varied language in writing and speech using high-beginning to low-intermediate to structures of English (main emphasis: PSLO 4; significant emphasis: PSLO 6; moderate emphasis PSLO 3 and 5).
- CSLO 3: Practice, assess, and use habits of mind/thinking dispositions - with a focus on RISK RESPONSIBLY - to effectively support learning grammar and interrelated language development at high-beginning to low-intermediate levels of proficiency (main emphasis: PSLO 4; significant emphasis: PSLO 6).

Grade Options:

- Pass/No Pass (P/NP)
- Satisfactory Progress (SP)

Toggle

Units and Hours

Minimum Credit Units

0.0

Maximum Credit Units

0.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

ESLN-075PC Essential Pronunciation and Conversation Skills 2

Units: 0.0

[Print Page](#)

[Back to department listing](#)

Description:

This is the second step in the two-course certificate-based “Entering/Bridge” stage of the LMC ESL oral communication instructional sequence. This foundational Non-Credit English for General Purposes (EGP) course is designed to help non-native English speaking students continue to improve their aural acuity and oral intelligibility and confidence to a high-beginning to low-intermediate level of proficiency. Students will progress in learning about and practicing general

conversation skills and North American English pronunciation features such as voicing, aspiration, mouth and tongue position, intonation, stress, emphasis, rhythm, linking, vowels, consonants, syllables, thought groups, and phonetic and spelling rules. Instructional emphasis is placed on focused awareness raising and practice of discrete sounds, connected speech patterns, and applied conversational use. This level two entering-stage pronunciation and conversation course is three levels below transfer. The completion of it and its counterpart ESLN-065PC, along with the other General ESL courses, serve as a bridge into the English for Academic Purposes (EAP) ESL courses. It is recommended that students concurrently enroll in the other initial and second step entering/bridge General ESL courses – ESL-065G & ESL-075G, ESL-065VR & ESL-075VR, and ESL-065W & ESL-075W – as offered in the schedule of classes.

Requisites:

Advisory

One year of English language instruction and ESL-065PC or ESLN-065PC; Entry/Bridge stage placement by the ESL placement process

Course Note:

None

Enrollment Limitation:

None

Transferable:

Not transferable

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Identify and produce target sounds and patterns in words, sentences, and connected discourse at a high-beginning to low-intermediate level (significant emphasis: PSLO 4 and 5; moderate emphasis PSLO 1, 2; and 4).
- CSLO 2: Understand and generate phonetically correct and socio-functionally appropriate speech at a high-beginning to low-intermediate level of English for mainly conversational purposes (significant emphasis: PSLO 4 and 5; moderate emphasis PSLO 1, 2, 4).
- CSLO 3: Practice, assess, and use habits of mind/thinking dispositions - with a focus on EMPATHIZE - to effectively support learning pronunciation and conversation skills and

interrelated language development at high-beginning to low-intermediate levels of proficiency (significant emphasis: PSLO 4 and 5; moderate emphasis PSLO 1, 2, and 4).

Grade Options:

- Pass/No Pass
- Satisfactory Progress

Toggle

Units and Hours

Minimum Credit Units

0.0

Maximum Credit Units

0.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

ESLN-075VR Basic Vocabulary and Reading Development 2

Units: 0.0

[Print Page](#)

[Back to department listing](#)

Description:

This is the second step in the two-course certificate-based “Entering/Bridge” stage in the LMC General ESL vocabulary and reading instructional sequence. This foundational Non-Credit English for General Purposes (EGP) course focuses on helping non-native English-speaking language students develop high-beginning to low-intermediate basic and critical reading skills and strategies, as well as an increased base of useful and relevant English vocabulary. Students work with various authentic and adapted social and multicultural texts that vary in length from two-page articles to longer multi-paragraph pieces. Students also engage in extensive reading, reading stage-appropriate English language texts and books. Students continue to expand their general English vocabulary base and learn stage-appropriate vocabulary learning strategies, dictionary use, context clues, idioms, and word parts. This second entering/bridge-stage English for General Purposes (EGP) vocabulary and reading course is three levels below transfer. The completion of it and its initial step counterpart, ESLN-065VR, along with the other General ESL courses, serve as a bridge into the English for Academic Purposes (EAP) ESL courses. It is recommended that students concurrently enroll the other initial and second step entering/bridge General ESL courses – ESLN-065G & ESLN-075G, ESLN-065W & ESLN-075W, and ESLN-065PC & ESLN-075PC – as offered in the schedule of classes.

Requisites:

Advisory

One year of English language instruction and ESL-065VR or ESLN-065VR; Entry/Bridge stage placement by the ESL placement process

Course Note:

None

Enrollment Limitation:

None

Transferable:

Not transferable

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Use oral and written reading and thinking skills and strategies to actively read, understand, and respond to high-beginning to low-intermediate level, mainly authentic and

some adapted, texts (main emphasis: PSLO 1 and 2; significant emphasis: PSLO 6; moderate emphasis PSLO 3 and 4; slight emphasis PSLO 5).

- CSLO 2: Use basic structural information, context clues, cohesive devices, and an ESL-learner dictionary to understand and be able to use general words and everyday expressions at a high-beginning to low-intermediate level of English (main emphasis: PSLO 1 and 2; significant emphasis: PSLO 6; moderate emphasis PSLO 3 and 4; slight emphasis PSLO 5).
- CSLO 3: Practice, assess, and use habits of mind/thinking dispositions - with a focus on LOOK AT THINGS ANOTHER WAY - to effectively support learning vocabulary, reading skills, reading to learn, and interrelated language development (main emphasis: PSLO 1 and 2; significant emphasis: PSLO 6).

Grade Options:

- Pass/No Pass (P/NP)
- Satisfactory Progress (SP)

Toggle

Units and Hours

Minimum Credit Units

0.0

Maximum Credit Units

0.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

ESLN-075W Fundamental Writing Skills 2

Units: 0.0

[Print Page](#)

[Back to department listing](#)

Description:

This is the second step in the two-course certificate-based “Entering/Bridge” stage in the LMC General ESL writing skills instructional sequence. This foundational Non-Credit English for General Purposes (EGP) course focuses on helping non-native English-speaking language learners develop high-beginning to low-intermediate writing skills that are essential for comprehensible and meaningful written communication. Students continue to apply their developing understanding of sentence basics – including standard grammar, capitalization, punctuation and editing strategies – as they are guided on toward understanding paragraph basics and producing grammatically and syntactically proper simple present, past, future, and descriptive paragraphs. Students will also expand and enhance their writing through stage-appropriate vocabulary building and application efforts. This second entering/bridge-stage English for General Purposes (EGP) writing skills course is three levels below transfer. The completion of it and its initial step counterpart, ESLN-065W, along with the other General ESL courses, serve as a bridge into the English for Academic Purposes (EAP) ESL courses. It is recommended that students concurrently enroll the other initial and second step entering/bridge General ESL courses – ESLN-065G & ESLN-075G, ESLN-065VR & ESLN-075VR, and ESLN-065PC & ESLN-075PC – as offered in the schedule of classes.

Requisites:

Advisory

One year of English language instruction and ESL-065W or ESLN-065W; Entry/Bridge placement by the ESL placement process

Course Note:

None

Enrollment Limitation:

None

Transferable:

Not transferable

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Understand and produce basic sentences and paragraphs using standard English grammar, syntax, and organization as well as planning, reviewing, editing, and revising techniques at a high-beginning to low-intermediate level of English language proficiency (main emphasis: PSLO 3; significant emphasis PSLO 6 and 4; moderate emphasis PSLO 1 and 2; slight emphasis PSLO 5).
- CSLO 2: Comprehend and use a variety of vocabulary and vocabulary learning and building strategies to complete controlled and creative writing tasks at a high-beginning to low-intermediate level of proficiency (main emphasis: PSLO 3; significant emphasis PSLO 6 and 4; moderate emphasis PSLO 1 and 2; slight emphasis PSLO 5).
- CSLO 3: Practice, assess, and use habits of mind/thinking dispositions - with a focus on COMMUNICATE CLEARLY- to effectively support developing basic writing skills and interrelated language development at high-beginning to low-intermediate levels of English (main emphasis: PSLO 3; significant emphasis: PSLO 6).

Grade Options:

- Pass/No Pass (P/NP)
- Satisfactory Progress (SP)

Toggle

Units and Hours

Minimum Credit Units

0.0

Maximum Credit Units

0.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

ESLN-085G Intermediate Grammar for College and Career Communication

Units: 0.0

[Print Page](#)

[Back to department listing](#)

Description:

This Non-Credit English for Academic Purposes (EAP) grammar course is designed to help non-native English speaking students who have acquired foundational-level grammar improve their understanding and accurate use of intermediate-level English grammatical structures to support, develop, and refine college and career thinking, speaking, listening, reading, and writing skills. Multilingual English language learners study complex grammatical structures within meaningful contexts of use and engage in analysis, evaluation, and experiential learning of the functional, semantic, and pragmatic components of the contextualized structures. This course and is part of a three-course certificate-based package of intermediate academic and career preparation, engagement, and success courses for multilingual English language learners – ESLN-085G, ESLN-085WR, and ESLN-085SL. It is recommended that students concurrently enroll in the other intermediate stage Academic ESL courses – ESLN-085SL and ESLN-085WRV – as offered in the schedule of classes.

Requisites:

Advisory

Completion of the eight Entry/Bridge General ESL courses or equivalent; Intermediate stage placement by the ESL placement process; Concurrent enrollment in or completion of the other two Intermediate Academic ESL courses

Course Note:

None

Enrollment Limitation:

None

Transferable:

Not transferable

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Comprehend and apply comprehension of intermediate level grammar structures in reading/writing, and oral/aural communication tasks (main emphasis: PSLO 4; significant emphasis: PSLO 6; moderate emphasis PSLO 1, 2, 3, and 5).
- CSLO 2: Generate grammatically correct, varied, and creative language in writing and speech using intermediate structures of English (main emphasis: PSLO 4; significant emphasis: PSLO 6; moderate emphasis PSLO 3 and 5).
- CSLO 3: Practice, assess, and use habits of mind/thinking dispositions - with a focus on FIND SOLUTIONS - to effectively support learning grammar and interrelated language development at an intermediate level of English (main emphasis: PSLO 4; significant emphasis: PSLO 6).

Grade Options:

- Pass/No Pass (P/NP)

Toggle

Units and Hours

Minimum Credit Units

0.0

Maximum Credit Units

0.0

Total Course In-Class (Contact) Hours

72.0

Course in class (contact) hours

Lecture Hours

72.0

Lab Hours

0.0

Activity Hours

0.0

ESLN-085SL Intermediate Oral Communication for the College Classroom and Beyond

Units: 0.0

[Print Page](#)

[Back to department listing](#)

Description:

This is a Non-Credit English for Academic Purposes (EAP) speaking, listening, and dispositional thinking course. It is designed to help non-native English speaking students who have acquired essential general English language proficiency improve their understanding of the oral communication realities in North American college classrooms and higher education environments and to increase their ability to actively participate and succeed therein at an intermediate level of proficiency. Students build aural and oral accuracy and fluency, learn and use contextualized vocabulary, expressions and grammar, and practice academic listening and speaking skills. The course incorporates 1) exposure to authentic college classroom content and oral/aural communication tasks from across the college curriculum – including discussions, lectures, note-taking, interpersonal interactions, and presentational speaking and listening acts; inter-cultural and multi-cultural awareness raising; progressively structured oral communication activities and assignments; and a balanced approach to the development of both discrete and global 21st century language and communication skills. This course is part of the noncredit three-course package of intermediate academic and career preparation, engagement, and success courses for multilingual English language learners – ESLN-085SL, ESLN-085G, and ESLN-085WRV. It is recommended that students concurrently enroll in the other intermediate stage Academic ESL courses – ESLN-085G and ESLN-085WRV – as offered in the schedule of classes.

Requisites:

Advisory

Completion of the eight Entry/Bridge General ESL courses or equivalent; Intermediate stage placement by the ESL placement process; Concurrent enrollment in or completion of the other two Intermediate Academic ESL courses

Course Note:

None

Enrollment Limitation:

None

Transferable:

Not transferable

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Use active and critical listening strategies and effective note-taking practices to understand/participate in college and career lectures, presentations, and discussions – including associated vocabulary, expressions, and grammar – at an intermediate level of proficiency (main emphasis: PSLO 5; significant emphasis: PSLO 6; moderate emphasis: PSLOs 2 and 4).
- CSLO 2: Apply effective oral language skills, communication strategies, and relevant and accurate vocabulary, expressions, and grammar to verbally engage in individual, pair, and group academic/career interactions and presentations at an intermediate level of proficiency (main emphasis: PSLO 5; significant emphasis: PSLO 6; moderate emphasis: PSLOs 2 and 4).
- CSLO 3: Practice, assess, and use habits of mind/thinking dispositions - with a focus on THINK FIRST - to effectively support learning college and career speaking and listening skills and strategies and interrelated language development at an intermediate level of English (main emphasis: PSLO 5; significant emphasis: PSLO 6).

Grade Options:

- Pass/No Pass (P/NP)

Toggle

Units and Hours

Minimum Credit Units

0.0

Maximum Credit Units

0.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

ESLN-085WRV Intermediate College Writing, Reading, and Dispositional Thinking

Units: 0.0

[Print Page](#)

[Back to department listing](#)

Description:

This is a Non-Credit English for Academic Purposes (EAP) dispositional thinking, reading, writing, and vocabulary-development course. It is designed to help non-native English speaking students who have acquired the necessary general English language proficiency move on to develop academic vocabulary, reading, and writing capabilities necessary to engage and succeed in North American college classrooms at an intermediate level of proficiency. Students work with multi-page nonfiction and fiction texts from various collegiate disciplines and careers and one to two book-length works of fiction and/or nonfiction. Students learn, practice, apply, and evaluate 1) contextual and structural information to infer meaning of words and idiomatic language to enlarge their vocabulary base and improve fluency and 2) pre-, during-, and post-reading strategies to recognize and understand an author's purpose, tone, and point of view, and to analyze, evaluate, and interpret information and ideas. Students are introduced to and develop the academic ability to discuss – orally and in writing - their opinion/reaction to readings while developing critical and dispositional thinking and academic language skills at an intermediate level of language proficiency. Students also learn and practice specific U.S. academic writing standards at the sentence, paragraph, and essay level such as summarizing, paraphrasing, and quoting authors' ideas using MLA citation practices. Taken with the other two intermediate stage courses, ESLN-085WRV prepares students for ESLN-095WRV. This course is part of the three-credit-course package of intermediate college and career preparation, engagement, and success courses for multilingual English language learners – ESLN-085WRV, ESLN-085G, and ESLN-085SL. It is recommended that students concurrently enroll in the other intermediate stage Academic ESL courses – ESLN-085G and ESLN-085SL – as offered in the schedule of classes.

Requisites:

Advisory

Completion of the eight Entry/Bridge General ESL courses or equivalent; Intermediate stage placement by the ESL placement process; Concurrent enrollment in or completion of the other two Intermediate Academic ESL courses

Course Note:

None

Enrollment Limitation:

None

Transferable:

Not transferable

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Actively and critically read, understand, reflect on, and respond to academic and literary texts at an intermediate level of proficiency using oral and written reading and thinking strategies and skills (main emphasis: PSLO 1 and 2; significant emphasis: PSLO 6; moderate emphasis PSLO 3 and 4; slight emphasis PSLO 5).
- CSLO 2: Infer and define meaning and learn and use new words and idiomatic language at an intermediate level of proficiency using structural information, contextual clues, and cohesive devices as well as an English language dictionary (main emphasis: PSLO 1 and 2; significant emphasis: PSLO 6; moderate emphasis PSLO 3 and 4; slight emphasis PSLO 5).
- CSLO 3: Write, edit, and revise academic and expository paragraphs and essays, which integrate and synthesize course readings, discussions, and personal opinions/reactions/ideas, are clearly focused, well developed, logically organized, and show an intermediate level of developing linguistic proficiency (main emphasis; PSLO 1, 2, and 3; significant emphasis: PSLO 4 and 6; moderate emphasis PSLO 5).
- CSLO 4: Practice, assess, and use habits of mind/thinking dispositions - with a focus on REFLECT and LEARN MORE - to effectively support learning vocabulary, reading skills and strategies, reading to learn, writing, and interrelated language development at an

intermediate level of English (main emphasis: PSLO 1, 2, and 3; significant emphasis: PSLO 6).

Grade Options:

- Pass/No Pass (P/NP)

Toggle

Units and Hours

Minimum Credit Units

0.0

Maximum Credit Units

0.0

Total Course In-Class (Contact) Hours

90.0

Course in class (contact) hours

Lecture Hours

90.0

Lab Hours

0.0

Activity Hours

0.0

ESLN-095G Advanced Grammar for College and Career Communication

Units: 0.0

[Print Page](#)

[Back to department listing](#)

Description:

This Non-Credit English for Academic Purposes (EAP) grammar course is designed to help non-native English speaking students who have acquired intermediate grammatical and language proficiency move on to improve their understanding and accurate use of highly multifaceted low-advanced to advanced English grammatical structures to support, develop, and refine college and career thinking, speaking, reading, listening, and writing skills. Multilingual English language learners study particularly complex grammar structures and their nuances within meaningful contexts of use and engage in analysis, evaluation, and experiential learning of the functional, semantic, and pragmatic components of the contextualized structures. This course is part of the three-course package of advanced general and career education transition and support courses for multilingual English language learners: ESLN-095G, ESLN-095WRV, and ESLN-095SL. It is recommended that students concurrently enroll in the other advanced stage Academic ESL courses – ESLN-095SL and ESLN-095WRV – as offered in the schedule of classes.

Requisites:

Advisory

Completion of the three Intermediate Academic ESL courses or equivalent; Advanced stage placement by the ESL placement process; Concurrent enrollment in or completion of the other two Advanced Academic ESL courses

Course Note:

None

Enrollment Limitation:

None

Transferable:

Not transferable

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Comprehend and apply comprehension of low-advanced to advanced level grammar structures in reading/writing and oral/aural communication tasks (main emphasis: PSLO 4; significant emphasis: PSLO 6; moderate emphasis PSLO 1, 2, 3, and 5)

- CSLO 2: Generate grammatically correct, complex, varied, and creative language in writing and speech using low-advanced to advanced structures of English (main emphasis: PSLO 4; significant emphasis: PSLO 6; moderate emphasis PSLO 3 and 5).
- CSLO 3: Practice, assess, and use habits of mind/thinking dispositions - with a focus on SEEK OUT AND RESPOND WITH WONDERMENT AND AWE - to effectively support learning grammar and interrelated language development at a low-advanced to advanced level of English (main emphasis: PSLO 4; significant emphasis: PSLO 6).

Grade Options:

- Pass/No Pass (P/NP)

Toggle

Units and Hours

Minimum Credit Units

0.0

Maximum Credit Units

0.0

Total Course In-Class (Contact) Hours

72.0

Course in class (contact) hours

Lecture Hours

72.0

Lab Hours

0.0

Activity Hours

0.0

ESLN-095SL Advanced Speech Communication for Academic & Professional Pursuits

Units: 0.0

[Print Page](#)

[Back to department listing](#)

Description:

This is a Non-Credit English for Academic Purposes (EAP) speaking, listening, and dispositional thinking course. It is designed to help non-native English speaking students who have acquired intermediate language proficiency move on toward enhancing their understanding of and abilities to achieve in college, career, and personal speech communication environments, situations, acts, and interactions at an advanced level of proficiency. In this content-based second language acquisition course, students will be introduced to and begin exploring college-level public speaking, interpersonal communication, intercultural and multicultural communication material in order to develop and strengthen related oral/aural language skills and communication strategies. Concentrating on these learners' receptive and productive English language development, course work includes content learning along with skill and strategy practice and improvement within the following areas: understanding culture(s), listening actively, communicating verbally and nonverbally, managing conflict, relationships, and workplace communication. Students will learn and advance via active participation in individual, pair, group/team, and whole-class instructional activities that are both sociolinguistically interactive and cognitively challenging. Successful completion of this course – in conjunction with corresponding overall English language grammatical and reading/writing proficiency – purposefully prepares students to succeed in Communication Studies (Speech Communication) courses, other college-level courses, and job/workplace/career opportunities. This course is part of the three-course package of advanced general and career education transition and support courses for multilingual English language learners: ESLN-095SL, ESLN-095G, and ESLN-095WRV. It is recommended that students concurrently enroll in the other advanced stage Academic ESL courses – ESLN-095G and ESLN-095WRV – as offered in the schedule of classes.

Requisites:

Advisory

Completion of the three Intermediate Academic ESL courses or equivalent; Advanced stage placement by the ESL placement process; Concurrent enrollment in or completion of the other two Advanced Academic ESL courses

Course Note:

None

Enrollment Limitation:

None

Transferable:

Not transferable

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Use active and critical listening skills and strategies to understand academic, interpersonal, and career interactions and speeches – including associated vocabulary, expressions, and grammar – at an advanced level of proficiency (main emphasis: PSLO 5; significant emphasis: PSLO 6; moderate emphasis: PSLOs 2 and 4).
- CSLO 2: Understand and use effective interpersonal and intercultural communication strategies and relevant and accurate vocabulary, expressions, and grammar to orally engage in academic, interpersonal, and career individual, pair, and group interactions and presentations at an advanced level of proficiency (main emphasis: PSLO 5; significant emphasis: PSLO 6; moderate emphasis: PSLOs 2 and 4).
- CSLO 3: Practice, assess, and use habits of mind/thinking dispositions - with a focus on FIND HUMOR - to effectively support learning academic, interpersonal, and career/professional speaking and listening skills and strategies and interrelated language development at an advanced level of English (main emphasis: PSLO 5; significant emphasis: PSLO 6).

Grade Options:

- Pass/No Pass (P/NP)

Toggle

Units and Hours

Minimum Credit Units

0.0

Maximum Credit Units

0.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

ESLN-095WRV Advanced Academic Writing, Reading, and Dispostional Thinking

Units: 0.0

[Print Page](#)

[Back to department listing](#)

Description:

This is a Non-Credit English for Academic Purposes (EAP) dispositional thinking, reading, writing, and vocabulary-development course. It is designed for non-native English speaking students who have acquired intermediate language proficiency move on to improve their ability to successfully undertake North American college-level work at an advanced level of proficiency. This course helps ESL students develop academic vocabulary and college-level analysis and evaluation reading and writing capabilities. Students work with multi-page and book-length nonfiction and fiction texts on contemporary topics and issues from a range of disciplines and perspectives. Students continue to learn, evaluate, and hone the use of 1) contextual and structural information to infer meaning of words and idiomatic language to enlarge their vocabulary base and improve fluency and 2) pre-, during-, and post-reading strategies to enhance comprehension and to analyze, evaluate, and interpret information and ideas. Students persist to develop and refine the academic ability to discuss – orally and in writing - their opinion/reaction to readings while developing critical and dispositional thinking and academic language skills. Students advance their understanding of specific U.S. academic writing standards, focusing on the essay level, and including summarizing, paraphrasing, and quoting authors' ideas using MLA citation practices. Successful completion of this course – in conjunction with advanced English language grammatical and speaking/listening proficiency – purposefully prepares students for ENGL-100/101 as well as college-level courses. This course is part of the three-course package of advanced general and career education transition and support courses for multilingual English language learners – ESLN-095WRV, ESLN-095G, and ESLN-095SL. It is recommended that students concurrently enroll in the other advanced stage Academic ESL courses – ESLN-095G and ESLN-095SL – as offered in the schedule of classes.

Requisites:

Advisory

Completion of the three Intermediate Academic ESL courses or equivalent; Advanced stage placement by the ESL placement process; Concurrent enrollment in or completion of the other two Advanced Academic ESL courses

Course Note:

None

Enrollment Limitation:

None

Transferable:

Not transferable

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Actively and critically read, understand, reflect on, and respond to academic and literary texts at a low-advanced to advanced level of proficiency using oral and written reading and thinking strategies and skills (main emphasis: PSLO 1 and 2; significant emphasis: PSLO 6; moderate emphasis PSLO 3 and 4; slight emphasis PSLO 5).
- CSLO 2: Infer and define meaning and learn and use new words and idiomatic language at a low-advanced to advanced level of proficiency using structural information, contextual clues, and cohesive devices as well as an English language dictionary (main emphasis: PSLO 1 and 2; significant emphasis: PSLO 6; moderate emphasis PSLO 3 and 4; slight emphasis PSLO 5).
- CSLO 3: Write, edit, and revise academic and expository paragraphs and essays, which integrate and synthesize course readings, discussions, and personal opinions/reactions/ ideas, are clearly focused, well developed, logically organized, and show a low-advanced to advanced level of developing linguistic proficiency (main emphasis; PSLO 1, 2, and 3; significant emphasis: PSLO 4 and 6; moderate emphasis PSLO 5).
- CSLO 4: Practice, assess, and use habits of mind/thinking dispositions - with a focus on STRIVE FOR ACCURACY and INNOVATE - to effectively support learning vocabulary, reading skills and strategies, reading to learn, writing, and interrelated language development at a low-advanced to advanced level of English (main emphasis: PSLO 1, 2, and 3; significant emphasis: PSLO 6).

Grade Options:

- Pass/No Pass (P/NP)
- Satisfactory Progress (SP)

Toggle

Units and Hours

Minimum Credit Units

0.0

Maximum Credit Units

0.0

Total Course In-Class (Contact) Hours

90.0

Course in class (contact) hours

Lecture Hours

90.0

Lab Hours

0.0

Activity Hours

0.0

ETEC-004 Introduction to Electrical Technology

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is designed to provide an introduction to the elementary concepts and principles of electrical technology for students interested in exploring careers utilizing electrical technology. The outlined material will be presented at a conceptual level, with emphasis on demonstrations and hands on laboratory exercises.

Requisites:**Advisory**

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO-1 Demonstrate critical thinking skills by applying electrical theory to build, analyze, diagnose and troubleshoot basic electrical circuits. (PSLOs: 1, 2, 4, 5 & 6)
- CSLO-2 Work in a team environment to solve unknowns. (PSLOs: 1, 2, 3)
- CSLO-3: Demonstrate safe work practices when using test equipment to diagnose and troubleshoot basic electrical circuits. (PSLOs: 1, 2, 4)
- CSLO-4 Demonstrate the ability to apply electrical concepts and theorems related to basic electrical circuits. (PSLOs: 1, 2, 5, 6)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

90.0

Course in class (contact) hours

Lecture Hours

36.0

Lab Hours

54.0

Activity Hours

0.0

ETEC-009 ETEC Mathematics

Units: 4.0

[Print Page](#)

[Back to department listing](#)

Description:

This course meets the math requirements for the Associate of Science degrees in Electrical Technology and Instrumentation Technology. In this course math is taught in the context of problems commonly encountered by electronic and instrumentation technicians. Content includes analyzing graphs and schematic diagrams; using scientific notation and engineering notation; executing unit conversions; solving equations; calculating with fractions, complex fractions, logarithms and percentages; graphing complex numbers; applying right-triangle trigonometry; and utilizing methods and formula common to the fields of electrical and instrumentation technology.

Requisites:

Co-Requisite

[ETEC010 - Direct Current Circuits](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

LMC Local AA/AS - General Education Requirements:

- LR: Language and Rationality

Student Learning Outcomes:

- 1) Analyze graphs, tables and diagrams commonly used in ETEC contexts. (PSLOs 1, 2, 5, 6)
- 2) Express the values of electronic parameters using scientific notation, engineering notation and exponents. (PSLOs 1 and 6)
- 3) In the context of electrical and instrumentation technology, solve problems requiring percentages, logarithms, complex fractions, complex numbers, square roots, exponents and arithmetic operations with fractions and decimals (PSLOs 1 and 6)
- 4) Solve linear equations, systems of linear equations, and literal equations that arise in ETEC contexts. (PSLOs 1, 5, 6)
- 5) Perform radix conversions and unit conversions in the metric system and in other ETEC applications such as temperature and pressure. (PSLOs 1, 5, 6)
- 6) In the context of electrical and instrumentation technology, use right-triangle trigonometry to solve problems involving trigonometric functions (sine, cosine, tangent and cotangent). (PSLOs 1, 5, 6)
- 7) Use the principles of Boolean Algebra to describe and simplify logic functions.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

4.0

Maximum Credit Units

4.0

Total Course In-Class (Contact) Hours

72.0

Course in class (contact) hours

Lecture Hours

72.0

Lab Hours

0.0

Activity Hours

0.0

ETEC-010 Direct Current Circuits

Units: 4.0

[Print Page](#)

[Back to department listing](#)

Description:

This is first semester course in the fundamentals of electricity and electronics. It will provide a good background in direct current circuits including Ohm's law, component identification, and electrical terminology commonly used in the industry. Students will learn how electricity interacts with passive components. Emphasis will be placed upon the calculation, construction, and measurement of direct current circuits. The coordinated laboratory will teach the use of test equipment to measure circuits in order to perform circuit analysis. Students will apply the basic principles of DC circuits to develop troubleshooting techniques.

Requisites:**Advisory**

[ETEC009 - ETEC Mathematics](#)

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Apply electrical theory to build, analyze, diagnose and troubleshoot DC electrical circuits. (PSLOs: 1, 2, 4, 5, 6) • Accurately perform the necessary calculation to apply ohm's law, Kirchoff's voltage law, Kirchoff's current law and power formulas to a DC circuit; • Correctly apply the concepts related to capacitance and inductance in a DC circuit • Build series, parallel and series/parallel DC circuits that satisfy given specifications; • Accurately measure voltage, current and resistance values related to DC circuits; • Analyze the implications of changing the circuit by adding or removing resistors; • Diagnose and troubleshoot a circuit by analyzing the measured values to determine proper operating characteristics and if values do not comply with the theoretical values evaluate condition and make necessary changes to correct incorrect readings.
- CSLO 2: Interpret and draw elementary DC electrical schematics; write lab reports using appropriate DC terminology; and read and follow test procedures. (PSLOs: 1, 2, 3, 5, 6) • Correctly interpret and follow written and verbal instruction to complete a lab; • Correctly identify, interpret, and use the terms related to electrical circuits; • Correctly identify, interpret, and use the symbols related to electrical circuits; • Correctly identify, interpret, and use the acronyms related to electrical circuits; • Write clear and accurate conclusions related to a lab procedure that he or she performed; • Build and test a circuit by following a schematic diagram.
- CSLO 3: Work in a team environment to effectively solve for unknowns. • Collaboratively completing the assignment; • Successfully communicating with instructor and fellow students to resolve an issue; • Working productively in a team environment.
- CSLO 4: Use safe work practices when working with test equipment to diagnose and troubleshoot DC circuits. (PSLOs: 1, 2, 4) • Correct use of digital multimeter or analog meter to analyze and troubleshoot a DC circuit. • Follow stated shop safety procedures when working with hand tools and electrical equipment. • Wear appropriate safety gear.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

4.0

Maximum Credit Units

4.0

Total Course In-Class (Contact) Hours

108.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

54.0

Activity Hours

0.0

ETEC-012 Alternating Current Circuits

Units: 4.0

[Print Page](#)

[Back to department listing](#)

Description:

This course will address calculation, construction, measurement and analysis of single phase alternating current RCL circuits. Magnetism, transformer theory, passive filters, vectorial analysis and power in alternating current circuits will be extensively covered. The coordinated lab will provide a thorough understanding of the concepts by way of experimentation and troubleshooting using laboratory test equipment.

Requisites:

Prerequisite

[ETEC010 - Direct Current Circuits](#)

Advisory

[ETEC009 - ETEC Mathematics](#)

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Demonstrate critical thinking skills by applying electrical theory to build, analyze, diagnose and troubleshoot AC electrical circuits. (PSLOs: 1, 2, 4, 5, 6)
- 2. Read and write elementary schematics, lab reports, and follow test procedures. (PSLOs: 1, 2, 3, 5, 6)
- 3. Work in a team environment to solve unknowns. (PSLOs: 1, 2, 3)
- 4. Demonstrate safe work practices when using test equipment to diagnose and troubleshoot AC circuits. (PSLOs: 1, 2, 4)
- 5. Demonstrate the ability to apply electrical concepts and theorems related to AC circuit. (PSLOs: 1, 2, 5, 6)
- 6. Demonstrate an understanding of basic electrical and electronic terms. (PSLOs: 1, 2, 5, 6)
- 7. Demonstrate the knowledge of the fundamentals of electricity and AC circuits necessary to pass certification exams for career advancements. (PSLOs: 6)

Grade Options:

- Pass/No Pass (P/NP)

- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

4.0

Maximum Credit Units

4.0

Total Course In-Class (Contact) Hours

108.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

54.0

Activity Hours

0.0

ETEC-020 Electric Motor Control

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is a study of electrical control circuits as they apply to industrial control systems. This course covers control components and their use in control systems as well as the use and development of electrical schematic and wiring diagrams. Lab work includes construction, analysis, testing and calibrating control circuits from a schematic diagram. Systematic trouble shooting techniques will be emphasized.

Requisites:**Prerequisite**

[ETEC012 - Alternating Current Circuits](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO #1 Draw a one line diagram or schematic from written or verbal instructions. PSLO 2,3,5
- CSLO #2 Connect a DC motor control circuit given a one line or schematic diagram PSLO 4,5
- CSLO #3 Connect an AC motor control circuit given a one line or schematic diagram PSLO 4,5
- CSLO #4 Use various methods of starting DC Motors and AC Motors as well as apply methods of Speed Control to each of them. PSLO #5,6

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

108.0

Course in class (contact) hours

Lecture Hours

36.0

Lab Hours

72.0

Activity Hours

0.0

ETEC-022 Semiconductor Devices

Units: 2.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is study of active electronic semiconductor devices commonly used in analog and industrial control circuits. The analysis of the operational characteristics, biasing, power dissipation and application of each device will be explored. Also, included will be coordinated laboratory projects to help reinforce the theoretical and practical understanding of active semiconductor devices.

Requisites:

Prerequisite

[ETEC012 - Alternating Current Circuits](#)

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO-1 Build basic semiconductor circuits from schematic diagrams. (PSLO #1)
- CSLO-2 Troubleshoot basic semiconductor circuits by using electronic test equipment to make and analyze circuit measurements in order to determine cause for device failure and present finding either orally or in writing. (PSLO#2 and #4)
- CSLO-3 Apply knowledge of semiconductors to take pre-employment written and bench test dealing with semiconductor devices. (PSLO#1)
- CSLO-4: Work effectively in a team environment to build semiconductor circuits (PSLO #3)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

2.0

Maximum Credit Units

2.0

Total Course In-Class (Contact) Hours

72.0

Course in class (contact) hours

Lecture Hours

18.0

Lab Hours

54.0

Activity Hours

0.0

ETEC-024 Digital Devices

Units: 2.0

[Print Page](#)

[Back to department listing](#)

Description:

This course of study will provide the student with the concepts of digital devices and circuitry commonly used in modern electronic circuits. The student will understand sequential logic circuits binary and hexadecimal numbering systems, binary math and the application of these subjects in industrial control systems.

Requisites:

Prerequisite

[ETEC012 - Alternating Current Circuits](#)

Advisory

[ETEC022 - Semiconductor Devices](#)

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO-1 Build basic digital circuits from schematic diagrams. (PSLO #1)
- CSLO-2 Troubleshoot basic digital circuits by using electronic test equipment to make and analyze circuit measurements in order to determine cause for device failure and present finding either orally or in writing. (PSLO#2 and #4)
- CSLO-3 Apply knowledge of digital technology to take pre-employment written and bench test dealing with semiconductor devices. (PSLO#1)
- CSLO-4: Work effectively in a team environment to build digital circuits (PSLO #3)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours**Minimum Credit Units**

2.0

Maximum Credit Units

2.0

Total Course In-Class (Contact) Hours

72.0

Course in class (contact) hours

Lecture Hours

18.0

Lab Hours

54.0

Activity Hours

0.0

ETEC-030 Programmable Logic Controllers

Units: 4.0

[Print Page](#)

[Back to department listing](#)

Description:

This course will provide students an overview of Programmable Logic Controllers (PLCs). PLC hardware components, fundamentals of logic, and PLC installation, editing, and troubleshooting will be covered. Programming components such as counters, timers, sequencers, internal and external relay equivalents will be used to construct sequential ladder logic diagrams.

Requisites:

Prerequisite

[ETEC012 - Alternating Current Circuits](#)

Advisory

[ETEC020 - Electric Motor Control](#)

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Program and install programmable logic controllers to standard industry practices. (PSLO#1)
- 2. Write and document programmable logic controllers programs (PSLO#3)
- 3. Apply modern sequential control theory to analyze, operate, troubleshoot and repair programmable logic controllers. (PSLO#2)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours**Minimum Credit Units**

4.0

Maximum Credit Units

4.0

Total Course In-Class (Contact) Hours

108.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

54.0

Activity Hours

0.0

ETEC-032 Instrumentation and Process Measurement

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This is a course that will cover the fundamentals of instrumentation measurement and process control. The student will learn the characteristics of temperature, pressure, level and flow as well as analytical properties. Emphasis will be on the theoretical operation and practical application of each transmitter and transducer used in the sensing of these process variables.

Requisites:

Prerequisite

[ETEC012 - Alternating Current Circuits](#)

Co-Requisite

[ETEC034 - Instrument Calibration Laboratory](#)

Advisory

[PHYS015 - Introduction to Physics](#)

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Draw and interpret industrial Piping and instrumentation diagrams. (PSLO #2, #5, and #6)
- 2. Calculate calibration inputs for upper and lower range values and the 5 point test to calibrate various instrumentation transmitters for measuring process variables. (1 and #4)
- 3. Explain the use of calibrated sensors and measurement devices to accurately measure the process variables in industrial applications. (PSLO# 3 and #5)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours**Lecture Hours**

54.0

Lab Hours

0.0

Activity Hours

0.0

ETEC-034 Instrument Calibration Laboratory

Units: 1.0

[Print Page](#)

[Back to department listing](#)

Description:

This lab course provides hands on experience to enhance the fundamentals of instrumentation measurement of process control covered in ETEC-032. The student will learn to use test and calibration equipment commonly used in industry to measure temperature, pressure, level and flow as well as analytical properties.

Requisites:

Prerequisite

[ETEC012 - Alternating Current Circuits](#)

Co-Requisite

[ETEC032 - Instrumentation and Process Measurement](#)

Advisory

[PHYS015 - Introduction to Physics](#)

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Connect and calibrate transmitters to measure process variables. (PSLO #1, #6)
- 2. Troubleshoot measurement systems to detect which device is at fault and determine the cause for device failure. (PSLO#2, # 4, #6)

- 3. Work in groups effectively to solve instrumentation problems and communicate orally and in writing the functions of each component and how they fit in the system. (PLSO #3, #4)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours**Minimum Credit Units**

1.0

Maximum Credit Units

1.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

54.0

Activity Hours

0.0

ETEC-040 National Electric Code

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

A study of electrical wiring methods as they apply to residential, commercial, and industrial wiring. This course stresses the application of the regulations of the National Electrical Code. Students learn the theory behind the design and safe installation of complex electrical systems. Students successfully completing this course will have covered the information necessary to pass the Department of Apprentices Standards Electrical Certification Exam for the State of California.

Requisites:

Co-Requisite

[ETEC042 - Electrical Wiring Methods and Code Application](#)

Advisory

[ETEC010 - Direct Current Circuits](#)

Advisory

[ETEC012 - Alternating Current Circuits](#)

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Communicate about electrical systems, both verbally and in writing, in a manner appropriate for coworkers, supervisors, and building officials. (PSLO #3)
- 2. Be proficient in using the National Electric Code Handbook for finding, interpreting, and applying regulations. (PSLO #5 and #6)
- 3. Apply critical thinking skills by designing, analyzing, and executing electrical system installation in simulated residential, commercial, and industrial settings. (PSLO #2)

- 4. Be prepared to take and pass the Department of Apprenticeship Standards (DAS) Electrical Certification test. (PSLO #5 and #6)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

ETEC-042 Electrical Wiring Methods and Code Application

Units: 1.0

[Print Page](#)

[Back to department listing](#)

Description:

This course provides hands on skill development in the use of tools, materials, and methods demanded by employers in the electrical industry to install electrical wiring systems to code specifications in residential, commercial, and industrial settings.

Requisites:

Co-Requisite

[ETEC040 - National Electric Code](#)

Advisory

[ETEC010 - Direct Current Circuits](#)

Advisory

[ETEC012 - Alternating Current Circuits](#)

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Ability to use tools, methods, and materials used in industry to install residential, commercial, and industrial electrical wiring systems to industry standards and National Electrical Code specifications. (PSLO 1, 2, 4, 5)
- 2. Work in groups, when appropriate, to install electrical wiring systems. Communicate about job site installation, tools, methods, and materials in a manner appropriate for co-workers, supervisors, material handlers, and building officials. (PSLO 1, 3, 6)
- 3. Apply critical thinking skills to reading, interpreting, and applying building and blueprint specifications to accomplish an installation that is true to the design and NEC regulations. (PSLO 1, 2, 6)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

1.0

Maximum Credit Units

1.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

54.0

Activity Hours

0.0

ETEC-044 Transformers and Power Distribution

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is a comprehensive study of poly-phase systems and how they are used today for power distribution. The understanding of poly-phase systems and the effects of loading and neutral current calculation will be stressed. A thorough coverage of the principles of operation, application and

construction of transformer connections will be emphasized to enable the student to understand single and poly-phase system voltages and currents. In the coordinated laboratory, students will have the opportunity to calculate, connect, measure, and evaluate each transformer and poly phase circuit connection.

Requisites:

Prerequisite

[ETEC012 - Alternating Current Circuits](#)

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Safely perform standard industrial practices for the safe installation, operation and maintenance of single and three phase power distribution and transformer equipment. (PSLO 1, 2, 3, 4, 5)
- 2. Communicate the status, both verbally and in writing, of single and three phase power distribution and transformer systems. (PSLO 1, 3, 5, 6)
- 3. Explain the operation and characteristics of a transformer as is used to provide power to electrical equipment. (PSLO 1, 5, 6)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)

- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

90.0

Course in class (contact) hours

Lecture Hours

36.0

Lab Hours

54.0

Activity Hours

0.0

ETEC-046 DC & AC Motors and Generators

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

A comprehensive study of Direct Current and Alternating Current Rotating electrical machinery. This course will include the identification, construction, connection, operation, and application of single and poly-phase motors and generators commonly found in today's automated systems. The student will develop an understanding of the connection, reversal, torque characteristics and speed control of this equipment.

Requisites:

Advisory

[ETEC010 - Direct Current Circuits](#)

Advisory

[ETEC012 - Alternating Current Circuits](#)

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Student will have knowledge of DC and AC Rotating Electrical Machinery and have the ability to Install, Connect, Analyze and troubleshoot motors commonly used in industrial automated systems. (PSLO 1, 2, 6)
- 2. Communicate the electrical status of a motor or generator after analyzing it. They will verbally or in writing share the condition of the electrical rotating machinery with his team of coworkers and his supervisor. (PSLO 3)
- 3. The students will be able to safely use all electrical test equipment to analyze and evaluate the condition of a motor or generator. (PSLO 1, 2, 4)
- 4. Then student will clearly explain the operational characteristics of both single-phase AC motors commonly found in residential equipment and poly-phase motors found in industrial manufacturing plants. (PSLO 3,5)
- 5. The student will be capable of connecting any DC or AC motor and obtain variable speed control. (PSLO 5)

Grade Options:

- Pass/No Pass (P/NP)

- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

108.0

Course in class (contact) hours

Lecture Hours

36.0

Lab Hours

72.0

Activity Hours

0.0

ETEC-050 Instrumentation Process Control

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

A course of study of the theory and application of process control. Process variables are measured, analyzed to control an Industrial Process. Students will learn theory of process control and the various types of final control elements and how they will affect the process. Students will use P&ID and specific instrument diagram to understand how the process is designed and they will learn techniques to adjust the Process Controller's PID Gain to obtain the best process response to an upset

to the measured variable. The process variables will be graphed and analyzed to determine the appropriate controller response to an upset.

Requisites:

Co-Requisite

[ETEC052 - Applied Process Control Lab](#)

Advisory

[ETEC010 - Direct Current Circuits](#)

Advisory

[ETEC012 - Alternating Current Circuits](#)

Advisory

[ETEC032 - Instrumentation and Process Measurement](#)

Advisory

[ETEC034 - Instrument Calibration Laboratory](#)

Advisory

[ENGL100 - College Composition](#)

Advisory

[PHYS015 - Introduction to Physics](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Knowledge of standard instrumentation technician safety protocols and procedures (PSLO:1, 2, 4, 5)

- 2. Identify the major components of standard instrumentation control systems. (PSLO:1, 2, 4, 6)
- 3. Safely connection of a control system including both Input and output loops. (PSLO: 1, 2, 3, 4, 5, 6)
- 4. Use operator manuals and online manufacture procedures to; configure, tune, and perform loop validation procedures. (PSLO: 1, 2, 6)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

ETEC-052 Applied Process Control Lab

Units: 1.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is a Laboratory designed to give the students hands on experience with transducers and transmitters used to measure process variables and transmit proportional signals to a PLC, Loop Controller or DCS I/O. Students will configure pneumatic, electronic and digital transmitters and connect the in-measurement loops. They will calibrate the transmitters for use in pressure, level, temperature, pH and flow processes then check for accuracy, precision and linearity. Student will learn to use ISA standards and techniques to accurately prepare a transmitter for use in the field. The course is designed to be taken concurrently with ETEC-050 and provide the practical experience necessary to understand the fundamentals of process measurement.

Requisites:

Co-Requisite

[ETEC050 - Instrumentation Process Control](#)

Advisory

[ETEC010 - Direct Current Circuits](#)

Advisory

[ETEC012 - Alternating Current Circuits](#)

Advisory

[ETEC032 - Instrumentation and Process Measurement](#)

Advisory

[ETEC034 - Instrument Calibration Laboratory](#)

Advisory

[ETEC050 - Instrumentation Process Control](#)

Advisory

[PHYS015 - Introduction to Physics](#)

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Configure a loop controller so that it can be installed into a process. (PSLO:1, 2, 4, 6)
- 2. Select & Stroke the final control element that it will control the manipulated variable (PSLO:1, 2, 4, 6)
- 3. Tune a process loop controller. (PSLO:1, 2, 4, 5, 6)
- 4. Connect an entire process control loop. (PSLO:1, 2, 3, 4, 5, 6)
- 5. Perform process control loop verification checks and readings. (PSLO:1, 2, 3, 4, 5, 6)
- 6. Connect, configure, and tune a current to pneumatic loop controller. (PSLO:1, 4, 5, 6)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

1.0

Maximum Credit Units

1.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

54.0

Activity Hours

0.0

ETEC-056 Code for Instrument Application

Units: 1.0

[Print Page](#)

[Back to department listing](#)

Description:

This course focuses on the National Electric Code regulations that govern wiring methods as they apply to hazardous locations, classified locations, remote signaling and power-limited circuits. Students will learn the theory of wiring design and installation and associated NEC regulations for Classes 1, 2, and 3, Division 1 and 2 hazardous locations.

Requisites:

Advisory

[ETEC010 - Direct Current Circuits](#)

Advisory

[ETEC012 - Alternating Current Circuits](#)

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Use the National Electric Code (NEC) to determine safe application of materials and methods for installation and maintenance of electrical systems in hazardous classified and current-limited situations. (PSLO: 2, 5, 6)
- 2. Use the NEC Handbook for finding, interpreting, and applying regulations. (PSLO: 5, 6)
- 3. Communicate about electrical systems, both verbally and in writing, in a manner appropriate for coworkers, supervisors, and building officials (PSLO: 3)
- 4. Apply critical thinking skills by designing, analyzing, and executing electrical system installation in simulated hazardous locations. (PSOL: 2)
- 5. Demonstrate the knowledge and skills needed to pass those parts of the Instrumentation Certification or Electrician's Certification exam, or re-certification requirements, related to the NEC. (PSLO: 5, 6)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

1.0

Maximum Credit Units

1.0

Total Course In-Class (Contact) Hours

18.0

Course in class (contact) hours**Lecture Hours**

18.0

Lab Hours

0.0

Activity Hours

0.0

ETEC-058 Analytical Instrumentation

Units: 2.0

[Print Page](#)

[Back to department listing](#)

Description:

This course focuses on the National Electric Code regulations that govern wiring methods as they apply to hazardous locations, classified locations, remote signaling and power-limited circuits. Students will learn the theory of wiring design and installation and associated NEC regulations for Classes 1, 2, and 3, Division 1 and 2 hazardous locations.

Requisites:

Advisory

[ETEC010 - Direct Current Circuits](#)

Advisory

[ETEC012 - Alternating Current Circuits](#)

Advisory

[ETEC032 - Instrumentation and Process Measurement](#)

Advisory

[PHYS015 - Introduction to Physics](#)

Advisory

[CHEM006 - Introduction to Inorganic and Physical Chemistry](#)

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Sample, analyze and determine the chemical and physical properties of process products (PSLO: 1)
- 2. Apply knowledge of analytical instrument sensors, transmitters and calibration equipment to pass pre-employment written and bench test dealing with instrumentation measurement. (PSLO: 1, 4, 6)
- 3. Work in groups to demonstrate a theoretical and practical understanding of analytical instrumentation by completing projects, preparing reports, and presenting them both verbally and in written form. (PSLO: 3)
- 4. Analyze the operational characteristics of instrumentation measurement devices in control loops, quality control and environmental protection in order to pass pre-employment written and bench tests. (PSLO: 5, 6)
- 5. Demonstrate the knowledge and skills needed to pass those parts of the Instrumentation Certification or Electrician's Certification exam, or re-certification requirements, related to the NEC. (PSLO: 5, 6)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

2.0

Maximum Credit Units

2.0

Total Course In-Class (Contact) Hours

72.0

Course in class (contact) hours**Lecture Hours**

18.0

Lab Hours

54.0

Activity Hours

0.0

ETEC-059 System Integration and Troubleshooting

Units: 2.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is designed to tie together all the information covered in all the other ETEC courses. The student will design and build motor control circuits, write PLC programs, design, build and tune instrumentation measurement and control systems and tie them all together using the 'trainers' in the lab. Proper safety, documentation, wiring and troubleshooting techniques will be emphasized.

Requisites:

Advisory

[ETEC020 - Electric Motor Control](#)

Advisory

[ETEC030 - Programmable Logic Controllers](#)

Advisory

[ETEC032 - Instrumentation and Process Measurement](#)

Advisory

[ETEC050 - Instrumentation Process Control](#)

Advisory

[CHEM006 - Introduction to Inorganic and Physical Chemistry](#)

Advisory

[ENGL100 - College Composition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- 1. Draw and follow industrial schematics and P&IDs to integrate a complex control system. (PSLO: 1)
- 2. Analyze and troubleshoot common problems found in realistic integrated control systems. (PSLO: 2, 5)
- 3. Apply knowledge of motor control, PLCs, instrumentation sensors, transmitters and calibration equipment to pass pre-employment written and bench test and certification exams dealing with industrial control systems. (PSLO: 1, 4, 6)
- 4. Work in groups to demonstrate a theoretical and practical understanding of instrumentation measurement and integrated control systems by performing projects, preparing reports, and presenting them both verbally and in written form. (PSLO: 3)
- 5. Use test and calibration equipment to measure parameters in an integrated system (PSLO: 4)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

2.0

Maximum Credit Units

2.0

Total Course In-Class (Contact) Hours

72.0

Course in class (contact) hours

Lecture Hours

18.0

Lab Hours

54.0

Activity Hours

0.0

ETEC-098 Independent Study in Electrical/ Electronic Technology

Units: 0.5-3.0

[Print Page](#)

[Back to department listing](#)

Description:

Provides students an opportunity to design and pursue their own interests within a particular area. Projects reflecting cultural diversity and/or societal issues will be greatly encouraged. A contract must be drawn between the student and the instructor stipulating the goals of the independent study, the content, the method of approach, the estimated time involved, and the periodic evaluation to be used. Minimum 1 hour per week with instructor plus 54 hours of contracted work for each unit of credit. May not be repeated.

Requisites:

None

Course Note:

Submission of acceptable educational contract to department and Instruction Office is required.

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- Meet outcomes as specified in the approved Application for Independent Study.
- Gain knowledge and skill through the successful completion of an independent study course.
- Demonstrate and/or apply independent academic learning skills.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

0.5

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

162.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

162.0

Activity Hours

0.0

ETEC-100 Introduction to Industrial Technology and Trades

Units: 2.0

[Print Page](#)

[Back to department listing](#)

Description:

This is a career exploration course for the industrial trades including: Automotive Technology, Electrical/Instrumentation Technology, Process Technology and Welding Technology. It will provide hands-on experience for students who are maybe undecided about their career direction, and allows them to explore through doing, in this survey course of the industrial trades. It will also teach them some basic skills in each trade. This is one course and will be listed under all of following course numbers AUTO-100, ETEC-100, PTEC-100 and

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CLSO 1: Define and describe programs & careers associated with industrial trades.
- CSLO 2: Identify basic elements of industrial trades including electrical, mechanical & physical systems.
- CSLO 3: Perform basic skills and safety procedures required in industrial trades.

Grade Options:

- Pass/No Pass (P/NP)

Toggle

Units and Hours

Minimum Credit Units

2.0

Maximum Credit Units

2.0

Total Course In-Class (Contact) Hours

72.0

Course in class (contact) hours

Lecture Hours

18.0

Lab Hours

54.0

Activity Hours

0.0

ETEC-170 Occupational Work Experience Education In Electrical / Instrumentation Technology

Units: 1.0-4.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is for students whose work is related to their major. Occupational Work Experience Education provides students with opportunities to develop marketable skills in preparation for employment or advancement within their current job. To participate in cooperative work experience education, students must be employed or formally volunteer and undertake new or expanded responsibilities. Students, with faculty and employer approval, will develop and successfully complete one learning objective for each unit of credit in which they enroll. Additionally, students must work 75 paid hours or 60 non-paid hours for each unit of credit earned. Students may earn up

to 8 units per semester and may repeat for a maximum of 16 units of occupational work experience during community college attendance which may be applied as electives toward graduation.

Requisites:

None

Course Note:

Work Experience Education Requirements

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

Section 55253. College Credit and Repetition The amendment to Title 5 created an exception to the general rule for repetition of activity courses to allow students to take the full number of units of cooperative work experience, which would otherwise be allowed. (b) If a college offers only one course in occupational work experience in a given field and that course is not offered as a variable unit open entry/open-exit course, the district policy on course repetition adopted pursuant to section 55040 may permit a student to repeat that course any number of times so long as the student does not exceed the limits on the number of units of cooperative work experience education set forth in subdivision (a). Consistent with section 58161, attendance of a student repeating a cooperative work experience course pursuant to this subdivision may be claimed for state apportionment.

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Apply professionalism and work ethic skills including personal accountability, work habits, punctuality, working productively with others, and managing time and work load.
- CSLO 2: Work in collaborative relationships with colleagues and customers and be able to work with diverse teams, negotiate, and manage conflicts.
- CSLO 3: Apply critical thinking and problem solving skills by using sound reasoning and analytical thinking as well as using knowledge, facts, and data to solve workplace problems.
- CSLO 4: Communicate thoughts and ideas clearly and effectively using public speaking skills and the ability to write clearly and effectively.
- CSLO 5: Utilize, under direct supervision, knowledge, skills and abilities acquired during prior or concurrent college course work directly related to workplace responsibilities by applying appropriate Course-Level Student Learning Outcomes from a college course to the student's place of employment.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

1.0

Maximum Credit Units

4.0

Total Course In-Class (Contact) Hours

300.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

300.0

Activity Hours

0.0

ETEC-180 Internship in Electrical/Instrumentation Technology

Units: 1.0-4.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is for students who have declared a major, have taken classes in the major, and are ready for on-the-job experience in a paid or unpaid position. An internship involves working in a skilled or

professional level assignment in the area of a student's vocational or academic major or field of interest. Students, with faculty and employer approval, will apply college-acquired knowledge, skills and abilities as well as acquire new learning to prepare for a career in their chosen field. Students must work 75 paid hours or 60 non-paid hours for each unit of credit earned. Students may earn a maximum of 16 units of occupational work experience internship during community college attendance which may be applied as electives toward graduation. 12 units are transferable to CSU.

Requisites:

None

Course Note:

Work Experience Education Requirements

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

Section 55253. College Credit and Repetition The amendment to Title 5 created an exception to the general rule for repetition of activity courses to allow students to take the full number of units of cooperative work experience, which would otherwise be allowed. (b) If a college offers only one course in occupational work experience in a given field and that course is not offered as a variable unit open entry/open-exit course, the district policy on course repetition adopted pursuant to section 55040 may permit a student to repeat that course any number of times so long as the student does not exceed the limits on the number of units of cooperative work experience education set forth in subdivision (a). Consistent with section 58161, attendance of a student repeating a cooperative work experience course pursuant to this subdivision may be claimed for state apportionment.

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Apply professionalism and work ethic skills including personal accountability, work habits, punctuality, working productively with others, and managing time and work load.
- CSLO 2: Work in collaborative relationships with colleagues and customers and be able to work with diverse teams, negotiate, and manage conflicts.
- CSLO 3: Apply critical thinking and problem solving skills by using sound reasoning and analytical thinking as well as using knowledge, facts, and data to solve workplace problems.
- CSLO 4: Communicate thoughts and ideas clearly and effectively using public speaking skills and the ability to write clearly and effectively.

- CSLO 5: Utilize, under direct supervision, knowledge, skills and abilities acquired during prior or concurrent college course work directly related to work place responsibilities by applying appropriate Course-Level Student Learning Outcomes from a college course to the internship.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

1.0

Maximum Credit Units

4.0

Total Course In-Class (Contact) Hours

300.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

300.0

Activity Hours

0.0

Early Childhood Education Associate of Science Degree for Transfer (AS-T)

A.S. Degree for Transfer

[Print Page](#)

[Back to department listing](#)

Units:

60 units

The Associate in Science Degree in Early Childhood Education for Transfer is a 60-unit degree program designed to prepare students to transfer and study child development, human development, early childhood education, liberal studies, family and consumer science, sociology, and family studies. The program, which requires 25 units of lower-division work in child development is combined with the California State University General Education pattern of 40-42 units. Up to 6 units may be double-counted toward the 25 unit major coursework in the CSU GE pattern so the degree can be achieved in 60 units. Students will be prepared to take upper-division courses their first semester after transferring. Typically, students who complete this program will be able to complete their upper-division coursework in only two additional years. To earn the Associate Degree for Transfer: 1. Completion of 60 semester units or 90 quarter units of degree-applicable courses, 2. Minimum overall grade point average of 2.0, 3. Minimum grade of "C" (or "P") for each course in the major, and 4. Completion of IGETC and/or CSU GE-Breadth Certain ADTs are based on completion of IGETC for STEM or CSU GE-Breadth for STEM. The Associate in Science Degree in Early Childhood Education for Transfer also prepares students for entry and mid-level career options in child care, preschool education, special education, and before-and after school programs. Upon completion of this program, students will be eligible to apply for the Teacher level permit on the Child Development Permit Matrix from the State of California Commission on Teacher Credentialing. Students will complete lower-division courses in child growth and development, principles and practices in early childhood education, curriculum, observation, assessment, child/family/ community relationships, diversity, health and safety, and a culminating student teaching practicum.

Toggle

Program Learning Outcomes

- 1. Obtain, maintain and advance in permit licensure and/or prepare for upper-division transfer through appropriate academic preparation.
- 2. Apply critical thinking to research, observe, assess, evaluate, and synthesize early learning and child development information.
- 3. Utilize effective written and verbal communication techniques to ensure optimum communication with children, families, and professional colleagues.
- 4. Select, develop and or use education equipment, curriculum, assessments, materials, technology, and environments that are culturally relevant and developmentally appropriate.
- 5. Demonstrate the skills and knowledge necessary to obtain employment or advancement in early care and education.

Toggle

Program Requirements

A.S. Degree for Transfer

Required Courses

Required Courses in Major (Total 25)

Complete all of the following

Required Courses for Major (Total 25)

Complete all of the following

[CHDEV001 - Principles and Practices of Teaching Young Children](#) 3

[CHDEV010 - Child Growth and Development](#) 3

[CHDEV011 - Observation and Assessment](#) 3

[CHDEV020 - Child, Family and Community](#) 3

[CHDEV050 - Teaching in a Diverse Society](#) 3

[CHDEV062 - Introduction to Curriculum](#) 3

[CHDEV065 - Health, Safety, and Nutrition in Early Childhood Programs](#) 3

[CHDEV090 - Student Teaching Practicum in Early Childhood Education](#) 4

Early Childhood Education Certificate of Achievement (COA)

Certificate of Achievement

[Print Page](#)

[Back to department listing](#)

Units:

25.0 units

The Child Development Department prepares you for careers with children, such as early childhood educator, Head Start teacher, family child care provider, center director/site supervisor and elementary school teacher. Courses in our department also ready you for transfer to four-year universities in majors such as human development, child development, liberal studies towards a teaching credential, and early childhood education. Parents and future parents will also benefit from the coursework as it prepares all adults to work successfully with children. We also offer specialization coursework as it prepares you to work with infants and toddlers, children with special needs and school age children in addition to coursework that meets the requirement to become a center director/site supervisor. The curriculum is a combination of classroom teaching, laboratory practicum experiences and community site visits based on a philosophy of active learning. Many courses are also available in an online format. For the Certificate of Achievement in Early Childhood Education complete the coursework listed below.

Toggle

Program Learning Outcomes

- 1. Obtain, maintain, and advance in permit licensure and/or prepare for upper division transfer through appropriate academic preparation.
- 2. Apply critical thinking and effective communication to research, observe, assess, evaluate, analyze, and synthesize early learning and child development information.
- 3. Select, develop, and/or use educational equipment, curriculum, assessments, materials, technology, and environments that are culturally, linguistically, and developmentally relevant and appropriate.

Toggle

Program Requirements

Certificate of Achievement

Required Courses in Major (Total 25)

Complete all of the following

[CHDEV001 - Principles and Practices of Teaching Young Children](#) 3

[CHDEV010 - Child Growth and Development](#) 3

[CHDEV011 - Observation and Assessment](#) 3

[CHDEV020 - Child, Family and Community](#) 3

[CHDEV050 - Teaching in a Diverse Society](#) 3

[CHDEV062 - Introduction to Curriculum](#) 3

[CHDEV065 - Health, Safety, and Nutrition in Early Childhood Programs](#) 3

[CHDEV090 - Student Teaching Practicum in Early Childhood Education](#) 4

Electrical / Instrumentation Technology

Program Information

LMC is in a unique position to offer an outstanding, up-to-date curriculum that has been designed by industry for industry. No other college in this area provides similar education and training needed to obtain these high-skill, high-wage and high-demand jobs.

The ETEC program enables students to graduate with a certificate of achievement in four semesters (two years). There are two areas of specialization: electrical technician or instrumentation technician. The electrical technician specialization is designed to train electricians to maintain complex electrical automation systems used in the manufacturing and power generation industry. The instrumentation technician specialization is designed to train instrument technicians to maintain the process measurement and control systems used in refineries, chemical plants, biotech plants, pharmaceutical plants, water and waste treatment plants.

Degrees and Certificates

Electrical Technology Associate in Science Degree (AS)
Electrical Technology Certificate of Achievement (COA)
Instrumentation Technology Associate of Science Degree (AS)
Instrumentation Technology Certificate of Achievement (COA)
Transit Electrical Technology Certificate of Achievement (COA)

Course Information

ETEC004 - Introduction to Electrical Technology
ETEC009 - ETEC Mathematics
ETEC010 - Direct Current Circuits
ETEC012 - Alternating Current Circuits
ETEC020 - Electric Motor Control
ETEC022 - Semiconductor Devices
ETEC024 - Digital Devices
ETEC030 - Programmable Logic Controllers
ETEC032 - Instrumentation and Process Measurement
ETEC034 - Instrument Calibration Laboratory
ETEC040 - National Electric Code
ETEC042 - Electrical Wiring Methods and Code Application
ETEC044 - Transformers and Power Distribution
ETEC046 - DC & AC Motors and Generators
ETEC050 - Instrumentation Process Control
ETEC052 - Applied Process Control Lab
ETEC056 - Code for Instrument Application
ETEC058 - Analytical Instrumentation
ETEC059 - System Integration and Troubleshooting
ETEC098 - Independent Study in Electrical/ Electronic Technology
ETEC100 - Introduction to Industrial Technology and Trades
ETEC170 - Occupational Work Experience Education In Electrical / Instrumentation Technology
ETEC180 - Internship in Electrical/Instrumentation Technology

[Back to department listing](#)

Electrical Technology Associate in Science Degree (AS)

A.S. Degree Local

[Print Page](#)

[Back to department listing](#)

Units:

60.0 units

LMC is in a unique position to offer an outstanding, up-to-date curriculum that has been designed by industry for industry. No other college in this area provides similar education and training needed to obtain these high-skill, high-wage and high-demand jobs. The ETEC program enables students to graduate with a certificate of achievement in four semesters (two years). There are two areas of

specialization: electrical technician or instrumentation technician. The electrical technician specialization is designed to train electricians to maintain complex electrical automation systems used in the manufacturing and power generation industry. The instrumentation technician specialization is designed to train instrument technicians to maintain the process measurement and control systems used in refineries, chemical plants, biotech plants, pharmaceutical plants, water and waste treatment plants.

Toggle

Program Learning Outcomes

- 1. Gain entry-level or mid-level employment in the electrical or instrumentation field.
- 2. Troubleshoot, analyze, operate, repair, and install electrical systems equipment.
- 3. Communicate the technical status of equipment in writing and verbally; be able to work and communicate with teams.
- 4. Safely use electrical or instrumentation test equipment.
- 5. Demonstrate the operational concepts of equipment and technology used in the electrical or instrumentation field.
- 6. Demonstrate the skills and knowledge necessary to take and pass certification exams for career advancement in electrical or instrumentation fields

Toggle

Program Requirements

A.S. Degree Local

Required Courses for Major (Total 40)

Complete all of the following

ETEC009 - ETEC Mathematics 3

ETEC010 - Direct Current Circuits 4

ETEC012 - Alternating Current Circuits 4

ETEC020 - Electric Motor Control 3

ETEC022 - Semiconductor Devices 2

ETEC024 - Digital Devices 2

ETEC030 - Programmable Logic Controllers 4

ETEC032 - Instrumentation and Process Measurement 3

ETEC034 - Instrument Calibration Laboratory 1

ETEC040 - National Electric Code 3

ETEC042 - Electrical Wiring Methods and Code Application 1

ETEC044 - Transformers and Power Distribution 3

Electrical Technology Certificate of Achievement (COA)

Certificate of Achievement

[Print Page](#)

[Back to department listing](#)

Units:

40.0 units

For the certificate of achievement, complete the coursework listed below. Consult a Los Medanos College counselor to develop an education plan. Courses in the first three semesters are common to both areas of specialization. In the fourth semester, the courses for each specialization vary, with the electrical technicians concentrating on the skills needed for electrical maintenance while the Instrumentation Technicians concentrate on the measurement and control of processes.

Toggle

Program Learning Outcomes

- 1. Gain entry-level or mid-level employment in the electrical or instrumentation field.
- 2. Troubleshoot, analyze, operate, repair, and install electrical systems equipment.
- 3. Communicate the technical status of equipment in writing and verbally; be able to work and communicate with teams.
- 4. Safely use electrical or instrumentation test equipment.
- 5. Demonstrate the operational concepts of equipment and technology used in the electrical or instrumentation field.
- 6. Demonstrate the skills and knowledge necessary to take and pass certification exams for career advancement in electrical or instrumentation fields.

Toggle

Program Requirements

Certificate of Achievement

Required Courses for Major (Total 40)

Complete all of the following

ETEC009 - ETEC Mathematics 3

ETEC010 - Direct Current Circuits 4

ETEC012 - Alternating Current Circuits 4

ETEC020 - Electric Motor Control 3

ETEC022 - Semiconductor Devices 2

ETEC024 - Digital Devices 2

ETEC030 - Programmable Logic Controllers 4

ETEC032 - Instrumentation and Process Measurement 3

ETEC034 - Instrument Calibration Laboratory 1

ETEC040 - National Electric Code 3

ETEC042 - Electrical Wiring Methods and Code Application 1

ETEC044 - Transformers and Power Distribution 3

ETEC046 - DC & AC Motors and Generators 3

PHYS015 - Introduction to Physics 4

English as a Second Language Credit (ESL)

Program Information

The LMC General ESL for College and Career Preparation Program serves and supports non-native English-speaking students who want to develop beginning (which one proficiency level above “low-beginning”) through low-intermediate language proficiencies and basic interpersonal communication skills.

We offer an intensified sequence of language learning courses at an entry/bridge stage of instruction in which students learn, practice, apply, and improve general English language skills and communication strategies. The General ESL and Academic ESL Programs share the same program student learning outcomes (PSLOs), which infuse the Habits of Mind – i.e., intelligent behaviors and thinking dispositions that help students succeed – and the LMC Institutional/General Education student learning outcomes into our own second language acquisition-oriented outcomes.

Our General ESL Program is intentionally designed to help students develop a solid English language learning base upon which to build. Such a base is necessary for those students who want to pursue an academic/career path. Completion of our General ESL Program provides students the needed language foundation to successfully transition into and through our Academic ESL Program and/or to more confidently participate in and take advantage of real-world social, civic,

job, and personal interactions and opportunities within English speaking

communities.

The Academic ESL for Educational and Professional Advancement Program serves and supports non-native English-speaking students who are seeking and ready to acquire intermediate and advanced academic language proficiencies and competencies.

Our Academic ESL Program supports these students' college and career advancement by intentionally infusing two key components into our second language acquisition-oriented program student learning outcomes (PSLOs):

1) the LMC Institutional/General Education student learning outcomes, which exist and function to prepare students to succeed in general and career education courses as well as students' chosen major coursework, and

2) the thinking dispositions (i.e., the Habits of Mind) that research has shown most significantly support student success, and which are equivalent to the very "soft skills" that industry has called upon higher education to help students attain.

Additionally, our instruction takes an appreciative, strengths-based approach

to teaching our multilingual immigrant, refugee, and international student populations by valuing the rich diversity they bring to our college classrooms, respecting their language learning goals as additive and commendable, and empowering them toward academic and career engagement and success.

The LMC English as a Second Language Department offers mirrored for-credit (Credit) and not-for-credit (Non-Credit) programs and courses to best serve the needs, situations, and statuses of our diverse multilingual immigrant, refugee, and international student populations.

The Credit ESL (ESL) courses lead to four General ESL and two Academic ESL College Skills Certificates.

The Non-Credit ESL (ESLN) courses lead to four General ESL and two Academic ESL Certificates of Competency.

Degrees and Certificates

Advanced English for Academic & Professional Advancement Skills College Skills Certificate
Basic Vocabulary & Reading Development College Skills Certificate
Essential Pronunciation & Conversation College Skills Certificate
Foundational Grammar for General Communication College Skills Certificate
Fundamental Writing Skills College Skills Certificate
Intermediate English for College & Career Success College Skills Certificate

Course Information

ESL065G - Foundational Grammar for General Communication 1
ESL065PC - Essential Pronunciation and Conversation Skills 1
ESL065VR - Basic Vocabulary and Reading Development 1
ESL065W - Fundamental Writing Skills 1
ESL075G - Foundational Grammar for General Communication 2
ESL075PC - Essential Pronunciation and Conversation Skills 2
ESL075VR - Basic Vocabulary and Reading Development 2
ESL075W - Fundamental Writing Skills 2
ESL085G - Intermediate Grammar for College and Career Communication
ESL085SL - Intermediate Oral Communication for the College Classroom and Beyond
ESL085WRV - Intermediate College Writing, Reading, and Dispositional Thinking
ESL095G - Advanced Grammar for College and Career Communication
ESL095SL - Advanced Speech Communication for Academic & Professional Pursuits
ESL095WRV - Advanced Academic Writing, Reading, and Dispositional Thinking
ESL098 - Independent Study in English As a Second Language

[Back to department listing](#)

English as a Second Language Noncredit (ESLN)

Program Information

The LMC English as a Second Language Department offers mirrored for-credit (Credit) and not-for-credit (Non-Credit) programs and courses to best serve the needs, situations, and statuses of our diverse multilingual immigrant, refugee, and international student populations.

The Credit ESL (ESL) courses lead to four General ESL and two Academic ESL College Skills Certificates.

The Non-Credit ESL (ESLN) courses lead to four General ESL and two Academic ESL Certificates of Competency.

The LMC General ESL for College and Career Preparation Program serves and supports non-native English-speaking students who want to develop beginning (which one proficiency level above “low-beginning”) through low-intermediate language proficiencies and basic interpersonal communication

skills. We offer an intensified sequence of language learning courses at an entry/bridge stage of instruction in which students learn, practice, apply, and improve general English

language skills and communication strategies. The General ESL and Academic ESL Programs share the same program student learning outcomes (PSLOs), which infuse the Habits of Mind – i.e., intelligent behaviors and thinking dispositions that help students succeed – and the LMC Institutional/General Education student learning outcomes into our own second language acquisition-oriented outcomes.

Our General ESL Program is intentionally designed to help students develop a solid English language learning base upon which to build. Such a base is necessary for those students who want to pursue an academic/career path. Completion of our General ESL Program provides students the needed language foundation to successfully transition into and through our Academic ESL Program and/or to more confidently participate in and take advantage of real-world social, civic, job, and personal interactions and opportunities within English speaking communities.

Degrees and Certificates

[Advanced English for Academic & Professional Development Certificate of Competency](#)
[Basic Vocabulary and Reading Certificate of Competency \(Noncredit- 108 hours\)](#)
[College of ESL Success, Certificate of Competency](#)
[Essential Pronunciation & Conversation Certificate of Competency](#)
[Foundational Grammar for General Communication Certificate of Competency](#)
[Fundamental Writing Skills Certificate of Competency](#)
[Intermediate English for College & Career Success Certificate of Competency](#)

Course Information

[ESLN001 - College ESL Student Orientation](#)
[ESLN002 - College ESL Student Navigation](#)
[ESLN003 - College ESL Student Engagement](#)
[ESLN065G - Foundational Grammar for General Communication 1](#)
[ESLN065PC - Essential Pronunciation and Conversation Skills 1](#)
[ESLN065VR - Basic Vocabulary and Reading Development 1](#)
[ESLN065W - Fundamental Writing Skills 1](#)
[ESLN075G - Foundational Grammar for General Communication 2](#)
[ESLN075PC - Essential Pronunciation and Conversation Skills 2](#)
[ESLN075VR - Basic Vocabulary and Reading Development 2](#)
[ESLN075W - Fundamental Writing Skills 2](#)
[ESLN085G - Intermediate Grammar for College and Career Communication](#)
[ESLN085SL - Intermediate Oral Communication for the College Classroom and Beyond](#)
[ESLN085WRV - Intermediate College Writing, Reading, and Dispositional Thinking](#)
[ESLN095G - Advanced Grammar for College and Career Communication](#)
[ESLN095SL - Advanced Speech Communication for Academic & Professional Pursuits](#)
[ESLN095WRV - Advanced Academic Writing, Reading, and Dispositional Thinking](#)

[Back to department listing](#)

Essential Pronunciation & Conversation Certificate of Competency

Certificate of Competency (Non-Credit)

[Print Page](#)

[Back to department listing](#)

Units:

0.0 units

The Academic ESL for Educational and Professional Advancement Program serves and supports non-native English-speaking students who are seeking and ready to acquire intermediate and advanced academic language proficiencies and competencies. Our Academic ESL Program supports these students' college and career advancement by intentionally infusing two key components into our second language acquisition oriented program student learning outcomes (PSLOs): 1) the LMC Institutional/General Education student learning outcomes, which exist and function to prepare students to succeed in general and career education courses as well as students' chosen major coursework; and 2) the thinking dispositions (i.e., the Habits of Mind) that research has shown most significantly support student success, and which are equivalent to the very "soft skills" that industry has called upon higher education to help students attain. Additionally, our instruction takes an appreciative, strengths-based approach to teaching our multilingual immigrant, refugee, and international student populations by valuing the rich diversity they bring to our college classrooms, respecting their language learning goals as additive and commendable, and empowering them toward academic and career engagement and success.

Toggle

Program Learning Outcomes

- 1. Speak and listen with empathy and increasing confidence, fluency, and self-regulation, exploring diverse and alternative perspectives, within a range of formal and informal social, academic, and career communication settings.
- 2. Pay attention to recognize and self-improve pronunciation difficulties, speech challenges, writing complexities, listening obstacles, and reading issues that may impede successful engagement and interaction, finding humor and responding with wonderment and awe to support your doing so.

Toggle

Program Requirements

Certificate of Competency (Non-Credit)

Required Courses for Program (Total 0)

Complete all of the following

[ESLN065PC - Essential Pronunciation and Conversation Skills 1 0](#)

[ESLN075PC - Essential Pronunciation and Conversation Skills 2 0](#)

Essential Pronunciation & Conversation College Skills Certificate

College Skills Certificate

[Print Page](#)

[Back to department listing](#)

Units:

6.0 units

The LMC English as a Second Language Department offers mirrored for-credit (Credit) and not-for-credit (Non-Credit) programs and courses to best serve the needs, situations, and statuses of our diverse multilingual immigrant, refugee, and international student populations. The Credit ESL (ESL) courses lead to four General ESL and two Academic ESL College Skills Certificates. The Non-Credit ESL (ESLN) courses lead to four General ESL and two Academic ESL Certificates of Competency.

Toggle

Program Learning Outcomes

- 1. Speak and listen with empathy and increasing confidence, fluency, and self-regulation, exploring diverse and alternative perspectives, within a range of formal and informal social, academic, and career communication settings.
- 2. Pay attention to recognize and self-improve pronunciation difficulties, speech challenges, writing complexities, listening obstacles, and reading issues that may impede successful engagement and interaction, finding humor and seeking out and responding with wonderment and awe to support your doing so.

Toggle

Program Requirements

College Skills Certificate

Required Courses for Major (Total 6)

Complete all of the following

[ESL065PC - Essential Pronunciation and Conversation Skills 1 3](#)

[ESL075PC - Essential Pronunciation and Conversation Skills 2 3](#)

Foundational Grammar for General Communication

Certificate of Competency

Certificate of Competency (Non-Credit)

[Print Page](#)

[Back to department listing](#)

Units:

0.0 units

The Academic ESL for Educational and Professional Advancement Program serves and supports non-native English-speaking students who are seeking and ready to acquire intermediate and advanced academic language proficiencies and competencies. Our Academic ESL Program supports these students' college and career advancement by intentionally infusing two key components into our second language acquisition oriented program student learning outcomes (PSLOs): 1) the LMC Institutional/General Education student learning outcomes, which exist and function to prepare students to succeed in general and career education courses as well as students' chosen major coursework; and 2) the thinking dispositions (i.e., the Habits of Mind) that research has shown most significantly support student success, and which are equivalent to the very "soft skills" that industry has called upon higher education to help students attain. Additionally, our instruction takes an appreciative, strengths-based approach to teaching our multilingual immigrant, refugee, and international student populations by valuing the rich diversity they bring to our college classrooms, respecting their language learning goals as additive and commendable, and empowering them toward academic and career engagement and success.

Toggle

Program Learning Outcomes

- 1. Risk responsibly and persist to accurately understand and apply a wide variety of grammatical structures – from basic to advanced - to negotiate meaning, ask questions, share and discuss ideas and opinions, solve problems, create plans, make decisions, present arguments, and apply past knowledge to achieve solid understanding and intended meaning.
- 2. Pay attention to recognize and self-improve pronunciation difficulties, speech challenges, writing complexities, listening obstacles, grammar problems, vocabulary concerns, and reading issues that may impede successful engagement and interaction, finding humor and responding with wonderment and awe to support your doing so

- 3. Speak and listen with empathy and increasing confidence, fluency, and self-regulation, exploring diverse and alternative perspectives, within a range of formal and informal social, academic, and career communication settings.
- 4. Communicate clearly, effectively, and creatively in writing at the word, phrase, clause, sentence, paragraph, and essay levels, reviewing and reflecting on your writing and learning, and collaborating with others to support your continual development.
- 5. Embrace having more to learn through reading inquiringly and critically and thinking flexibly about diverse, multi-genre texts at the pre-college and college levels that connect you to multicultural, social, ethical, and global ideas and issues
- 6. Strive to gain increasing ability to understand and accurately and creatively use vocabulary learned from context and on the new general service list (NGSL) and the new academic word list (NAWL) in known and new situations

Toggle

Program Requirements

Certificate of Competency (Non-Credit)

Required Courses for Program (Total 0)

Complete all of the following

[ESLN065G - Foundational Grammar for General Communication 1 0](#)

[ESLN075G - Foundational Grammar for General Communication 2 0](#)

Foundational Grammar for General Communication College Skills Certificate

College Skills Certificate

[Print Page](#)

[Back to department listing](#)

Units:

6.0 units

The LMC English as a Second Language Department offers mirrored for-credit (Credit) and not-for-credit (Non-Credit) programs and courses to best serve the needs, situations, and statuses of our diverse multilingual immigrant, refugee, and international student populations. The Credit ESL (ESL) courses lead to four General ESL and two Academic ESL College Skills Certificates. The

Non-Credit ESL (ESLN) courses lead to four General ESL and two Academic ESL Certificates of Competency

Toggle

Program Learning Outcomes

- 1. Communicate clearly, effectively, and creatively in writing at the word, phrase, clause, sentence, paragraph, and essay levels, reviewing and reflecting on your writing and learning, and collaborating with others to support your continual development.
- 2. Risk responsibly and persist to accurately understand and apply a wide variety of grammatical structures – from basic to advanced - to negotiate meaning, ask questions, share and discuss ideas and opinions, solve problems, create plans, make decisions, present arguments, and apply past knowledge to achieve solid understanding and intended meaning.

Toggle

Program Requirements

College Skills Certificate

Required Courses for Major (Total 6)

Complete all of the following

[ESL065G - Foundational Grammar for General Communication 1](#) 3

[ESL075G - Foundational Grammar for General Communication 2](#) 3

Fundamental Writing Skills Certificate of Competency

Certificate of Competency (Non-Credit)

[Print Page](#)

[Back to department listing](#)

Units:

0.0 units

The Academic ESL for Educational and Professional Advancement Program serves and supports non-native English-speaking students who are seeking and ready to acquire intermediate and advanced academic language proficiencies and competencies. Our Academic ESL Program supports these students' college and career advancement by intentionally infusing two key components into our second language acquisition oriented program student learning outcomes (PSLOs): 1) the LMC Institutional/General Education student learning outcomes, which exist and function to prepare students to succeed in general and career education courses as well as students' chosen major coursework; and 2) the thinking dispositions (i.e., the Habits of Mind) that research has shown most

significantly support student success, and which are equivalent to the very “soft skills” that industry has called upon higher education to help students attain. Additionally, our instruction takes an appreciative, strengths-based approach to teaching our multilingual immigrant, refugee, and international student populations by valuing the rich diversity they bring to our college classrooms, respecting their language learning goals as additive and commendable, and empowering them toward academic and career engagement and success.

Toggle

Program Learning Outcomes

- 1. Communicate clearly, effectively, and creatively in writing at the word, phrase, clause, sentence, paragraph, and essay levels, reviewing and reflecting on your writing and learning, and collaborating with others to support your continual development.
- 2. Pay attention to recognize and self-improve pronunciation difficulties, speech challenges, writing complexities, listening obstacles, and reading issues that may impede successful engagement and interaction, finding humor and responding with wonderment and awe to support your doing so.

Toggle

Program Requirements

Certificate of Competency (Non-Credit)

Required Courses for Program (Total 0)

Complete all of the following

[ESLN065W - Fundamental Writing Skills 1 0](#)

[ESLN075W - Fundamental Writing Skills 2 0](#)

Fundamental Writing Skills College Skills Certificate

College Skills Certificate

[Print Page](#)

[Back to department listing](#)

Units:

6.0 units

The LMC English as a Second Language Department offers mirrored for-credit (Credit) and not-for-credit (Non-Credit) programs and courses to best serve the needs, situations, and statuses of our diverse multilingual immigrant, refugee, and international student populations. The Credit ESL (ESL) courses lead to four General ESL and two Academic ESL College Skills Certificates. The

Non-Credit ESL (ESLN) courses lead to four General ESL and two Academic ESL Certificates of Competency

Toggle

Program Learning Outcomes

- 1. Communicate clearly, effectively, and creatively in writing at the word, phrase, clause, sentence, paragraph, and essay levels, reviewing and reflecting on your writing and learning, and collaborating with others to support your continual development.
- 2. Risk responsibly and persist to accurately understand and apply a wide variety of grammatical structures – from basic to advanced - to negotiate meaning, ask questions, share and discuss ideas and opinions, solve problems, create plans, make decisions, present arguments, and apply past knowledge to achieve solid understanding and intended meaning.

Toggle

Program Requirements

College Skills Certificate

Required Courses for Major (Total 6)

Complete all of the following

[ESL065W - Fundamental Writing Skills 1](#) 3

[ESL075W - Fundamental Writing Skills 2](#) 3

- [about](#)
- [something else](#)

Instrumentation Technology Associate of Science Degree (AS)

A.S. Degree Local

[Print Page](#)

[Back to department listing](#)

Units:

60.0 units

LMC is in a unique position to offer an outstanding, up-to-date curriculum that has been designed by industry for industry. No other college in this area provides similar education and training needed to

obtain these high-skill, high-wage, and high-demand jobs. The ETEC program enables students to graduate with a certificate of achievement in four semesters (two years). There are two areas of specialization: electrical technician or instrumentation technician. The electrical technician specialization is designed to train electricians to maintain complex electrical automation systems used in the manufacturing and power generation industry. The instrumentation technician specialization is designed to train instrument technicians to maintain the process measurement and control systems used in refineries, chemical plants, biotech plants, pharmaceutical plants, and water and waste treatment plants.

Toggle

Program Learning Outcomes

- 1. Gain entry-level or mid-level employment in the electrical or instrumentation field.
- 2. Troubleshoot, analyze, operate, repair, and install electrical systems equipment
- 3. Communicate the technical status of equipment in writing and verbally; be able to work and communicate with teams.
- 4. Safely use electrical or instrumentation test equipment.
- 5. Demonstrate the operational concepts of equipment and technology used in the electrical or instrumentation field.
- 6. Demonstrate the skills and knowledge necessary to take and pass certification exams for career advancement in electrical or instrumentation fields.

Toggle

Program Requirements

A.S. Degree Local

Courses for Major (Total 44)

Complete all of the following

Required Courses for Major (Total 44)

Complete all of the following

[CHEM006 - Introduction to Inorganic and Physical Chemistry](#) 4

[ETEC009 - ETEC Mathematics](#) 4

[ETEC010 - Direct Current Circuits](#) 4

[ETEC012 - Alternating Current Circuits](#) 4

[ETEC020 - Electric Motor Control](#) 3

[ETEC022 - Semiconductor Devices](#) 2

[ETEC024 - Digital Devices](#) 2

[ETEC030 - Programmable Logic Controllers](#) 4

ETEC032 - Instrumentation and Process Measurement 3
ETEC034 - Instrument Calibration Laboratory 1
ETEC050 - Instrumentation Process Control 3
ETEC052 - Applied Process Control Lab 1
ETEC056 - Code for Instrument Application 1
ETEC058 - Analytical Instrumentation 2
ETEC059 - System Integration and Troubleshooting 2
PHYS015 - Introduction to Physics 4

Instrumentation Technology Certificate of Achievement (COA)

Certificate of Achievement

[Print Page](#)

[Back to department listing](#)

Units:

43.0 units

LMC is in a unique position to offer an outstanding, up-to-date curriculum that has been designed by industry for industry. No other college in this area provides similar education and training needed to obtain these high-skill, high-wage, and high-demand jobs. The ETEC program enables students to graduate with a certificate of achievement in four semesters (two years). There are two areas of specialization: electrical technician or instrumentation technician. The electrical technician specialization is designed to train electricians to maintain complex electrical automation systems used in the manufacturing and power generation industry. The instrumentation technician specialization is designed to train instrument technicians to maintain the process measurement and control systems used in refineries, chemical plants, biotech plants, pharmaceutical plants, and water and waste treatment plants.

Toggle

Program Learning Outcomes

- 1. Gain entry-level or mid-level employment in the electrical or instrumentation field.
- 2. Troubleshoot, analyze, operate, repair, and install electrical systems equipment
- 3. Communicate the technical status of equipment in writing and verbally; be able to work and communicate with teams.
- 4. Safely use electrical or instrumentation test equipment.

- 5. Demonstrate the operational concepts of equipment and technology used in the electrical or instrumentation field.
- 6. Demonstrate the skills and knowledge necessary to take and pass certification exams for career advancement in electrical or instrumentation fields.

Toggle

Program Requirements

Certificate of Achievement

Required Course for Major (Total 48)

Complete all of the following

Recommended Courses for Major (Total 4)

Complete all of the following

[MATH012 - Prealgebra](#) 4

Required Courses for Major (Total 44)

Complete all of the following

[CHEM006 - Introduction to Inorganic and Physical Chemistry](#) 4

[ETEC009 - ETEC Mathematics](#) 4

[ETEC010 - Direct Current Circuits](#) 4

[ETEC012 - Alternating Current Circuits](#) 4

[ETEC020 - Electric Motor Control](#) 3

[ETEC022 - Semiconductor Devices](#) 2

[ETEC024 - Digital Devices](#) 2

[ETEC030 - Programmable Logic Controllers](#) 4

[ETEC032 - Instrumentation and Process Measurement](#) 3

[ETEC034 - Instrument Calibration Laboratory](#) 1

[ETEC050 - Instrumentation Process Control](#) 3

[ETEC052 - Applied Process Control Lab](#) 1

[ETEC056 - Code for Instrument Application](#) 1

[ETEC058 - Analytical Instrumentation](#) 2

[ETEC059 - System Integration and Troubleshooting](#) 2

[PHYS015 - Introduction to Physics](#) 4

Intermediate English for College & Career Success Certificate of Competency

Certificate of Competency (Non-Credit)

[Print Page](#)

[Back to department listing](#)

Units:

0.0 units

English as a Second Language Noncredit (ESLN) CERTIFICATES OF COMPETENCY Academic ESL for Educational and Professional Advancement • Intermediate English for College and Career Success • Advanced English for Academic and Professional Advancement The LMC English as a Second Language Department offers mirrored for-credit (Credit) and not-for-credit (Non-Credit) programs and courses to best serve the needs, situations, and statuses of our diverse multilingual immigrant, refugee, and international student populations. The Credit ESL (ESL) courses lead to four General ESL and two Academic ESL College Skills Certificates. The Non-Credit ESL (ESLN) courses lead to four General ESL and two Academic ESL Certificates of Competency. The Academic ESL for Educational and Professional Advancement Program serves and supports non-native English-speaking students who are seeking and ready to acquire intermediate and advanced academic language proficiencies and competencies. Our Academic ESL Program supports these students' college and career advancement by intentionally infusing two key components into our second language acquisition oriented program student learning outcomes (PSLOs): 1) the LMC Institutional/General Education student learning outcomes, which exist and function to prepare students to succeed in general and career education courses as well as students' chosen major coursework, and 2) the thinking dispositions (i.e., the Habits of Mind) that research has shown most significantly support student success, and which are equivalent to the very "soft skills" that industry has called upon higher education to help students attain. Additionally, our instruction takes an appreciative, strengths-based approach to teaching our multilingual immigrant, refugee, and international student populations by valuing the rich diversity they bring to our college classrooms, respecting their language learning goals as additive and commendable, and empowering them toward academic and career engagement and success.

Toggle

Program Learning Outcomes

- 1. Risk responsibly and persist to accurately understand and apply a wide variety of grammatical structures – from basic to advanced - to negotiate meaning, ask questions, share and discuss ideas and opinions, solve problems, create plans, make decisions, present arguments, and apply past knowledge to achieve solid understanding and intended meaning.
- 2. Pay attention to recognize and self-improve pronunciation difficulties, speech challenges, writing complexities, listening obstacles, grammar problems, vocabulary concerns, and reading issues that may impede successful engagement and interaction, finding humor and responding with wonderment and awe to support your doing so.
- 3. Speak and listen with empathy and increasing confidence, fluency, and self-regulation, exploring diverse and alternative perspectives, within a range of formal and informal social, academic, and career communication settings.
- 4. Communicate clearly, effectively, and creatively in writing at the word, phrase, clause, sentence, paragraph, and essay levels, reviewing and reflecting on your writing and learning, and collaborating with others to support your continual development.

- 5. Embrace having more to learn through reading inquiringly and critically and thinking flexibly about diverse, multi-genre texts at the pre-college and college levels that connect you to multicultural, social, ethical, and global ideas and issues.
- 6. Strive to gain increasing ability to understand and accurately and creatively use vocabulary learned from context and on the new general service list (NGSL) and the new academic word list (NAWL) in known and new situations.

Toggle

Program Requirements

Certificate of Competency (Non-Credit)

Required Courses for Program (Total 0)

Complete all of the following

[ESLN085G - Intermediate Grammar for College and Career Communication 0](#)

[ESLN085SL - Intermediate Oral Communication for the College Classroom and Beyond 0](#)

[ESLN085WRV - Intermediate College Writing, Reading, and Dispositional Thinking 0](#)

Intermediate English for College & Career Success College Skills Certificate

College Skills Certificate

[Print Page](#)

[Back to department listing](#)

Units:

11.0 - 12.0 units

The LMC English as a Second Language Department offers mirrored for-credit (Credit) and not-for-credit (Non-Credit) programs and courses to best serve the needs, situations, and statuses of our diverse multilingual immigrant, refugee, and international student populations. The Credit ESL (ESL) courses lead to four General ESL and two Academic ESL College Skills Certificates. The Non-Credit ESL (ESLN) courses lead to four General ESL and two Academic ESL Certificates of Competency.

Toggle

Program Learning Outcomes

- 1. Risk responsibly and persist to accurately understand and apply a wide variety of grammatical structures – from basic to advanced - to negotiate meaning, ask questions, share and discuss ideas and opinions, solve problems, create plans, make decisions, present arguments, and apply past knowledge to achieve solid understanding and intended meaning.
- 2. Speak and listen with empathy and increasing confidence, fluency, and self-regulation, exploring diverse and alternative perspectives, within a range of formal and informal social, academic, and career communication settings.
- 6. Pay attention to recognize and self-improve pronunciation difficulties, speech challenges, writing complexities, listening obstacles, and reading issues that may impede successful engagement and interaction, finding humor and seeking out and responding with wonderment and awe to support your doing so.

Toggle

Program Requirements

College Skills Certificate

Required Courses for Major (Total 12)

Complete all of the following

[ESL085G - Intermediate Grammar for College and Career Communication](#) 4

[ESL085SL - Intermediate Oral Communication for the College Classroom and Beyond](#) 3

[ESL085WRV - Intermediate College Writing, Reading, and Dispositional Thinking](#) 5

Intersegmental General Education Transfer Curriculum (IGETC), Certificate of Achievement

Certificate of Achievement

[Print Page](#)

[Back to department listing](#)

Units:

37.0 - 44.0 units

The Certificate of Achievement in Intersegmental General Education Transfer Curriculum (IGETC) is a program designed for students planning to transfer to either the California State University (CSU) or University of California (UC) system. It offers students a program of study which meets IGETC general education transfer requirements. Although the certificate recognizes the completion of IGETC general education requirements, it does not guarantee admission to a specific campus within the CSU or UC system nor does it guarantee admission to a specific major. Some majors and

colleges may require a different lower division preparation and/or a higher GPA than is necessary for this certificate. Students who intend to transfer must meet all current IGETC general education transfer requirements including minimum GPA and eligibility for certification. Students are strongly advised to meet with a counselor to discuss transfer requirements and lower division major preparation that is needed for their intended transfer school.

Toggle

Program Learning Outcomes

- Communicate effectively, both verbally and in writing.
- Critically analyze and solve problems using the appropriate technique for the issue at hand, including appropriate use of logic, mathematics, multi-disciplinary, and cultural considerations where applicable.
- Critically examine the function, media, subject matter, organization, aesthetic, style, and relative excellence of representative examples of the arts, literature, philosophy, and foreign languages including approaches from various historical, cultural, and gender-based origins.
- Develop an understanding of the information available, the perspectives and approaches of the physical, biological, social and behavioral sciences, appreciating the power and limits of these methods of inquiry and both individual, ethical, and societal responsibilities.
- Organize and present information in person in a logical and understandable manner.

Toggle

Program Requirements

Certificate of Achievement

Required Courses (Total 37 - 44)

Complete the following number of credits: 37-44

[ANTHR001 - Biological Anthropology](#) 3

[ANTHR004 - Introduction to Archaeology](#) 3

[ANTHR005 - General Anthropology](#) 3

[ANTHR006 - Cultural Anthropology](#) 3

[ANTHR007 - Culture Change and Globalization](#) 3

[ANTHR008 - Introduction to Anthropological Linguistics](#) 3

[BIOSC010 - General Biology](#) 4

[ADJUS110 - Introduction to the Criminal Justice System](#) 3

[ART005 - The Visual Arts](#) 3

[ART006 - Ancient Art History \(to 350 CE\)](#) 3

[ART007 - Medieval and Renaissance Art History \(350 to 1550 CE\)](#) 3

[ART008 - Early Modern Art History \(1550 to 1920 CE\)](#) 3

ART009 - Late Modern and Contemporary Art History (1920 CE-Present) 3
 ART016 - Asian Art History 3
 ART017 - American Art History 3
 ART018 - Indigenous Americas Art History 3
 ART019 - History of Photography 3
 ART032 - Architectural History I: The World Before 1500CE 3
 ART033 - Architectural History II: The World After 1500CE 3
 ART034 - Islamic Art History 3
 ART035 - Themes in Mesoamerican Culture through Ceramics 3
 ASTRO011 - Astronomy Laboratory 1
 ASTRO010 - Introduction to Astronomy 3
 BIOSC007 - Ecology and the Environment 4
 BIOSC008 - Human Biology 4
 BIOSC010 - General Biology 4
 BIOSC020 - Principles of Biology: Cell and Molecular 5
 BIOSC021 - Principles of Biology: Organismal 5
 BIOSC040 - Human Anatomy 5
 BIOSC045 - Human Physiology 5
 BIOSC050 - Microbiology 4
 CHDEV010 - Child Growth and Development 3
 DRAMA015 - Multicultural Perspectives Within Theatre 3
 DRAMA016 - Theatre Appreciation 3
 DRAMA030 - Chicano/a Mexican American Cinema: A Critical Analysis 3
 DRAMA070 - Film as an International Art Form 3
 ECON005 - Economic History of the United States 3
 ECON010 - Principles of Microeconomics 3
 ECON011 - Principles of Macroeconomics 3
 ENGL100 - College Composition 3
 ENGL100E - Enhanced College Composition 4
 ENGL110 - Introduction to Social Justice Studies 3
 ENGL120 - Introduction to Latino Literature and Its Latin American Roots 3
 ENGL121 - Introduction to Chicano Literature 3
 ENGL122 - California Literature 3
 ENGL124 - Children's Literature 3
 ENGL127 - The Mythology and Literature of Ethnic Americans 3
 ENGL128 - Introduction to Asian American Literature 3
 ENGL129 - Introduction to Contemporary African- American Literature 3
 ENGL130 - Mystery and Detective Literature 3
 ENGL132 - Lit of Fants:myths,fntsy,scif 3
 ENGL133 - Race, Ethnicity, and Gender in Popular Fiction and Film 3
 ENGL135 - Introduction to LGBTQ+ Studies 3
 ENGL136 - Introduction to Gender Studies 3
 ENGL144 - Hip Hop as Lit 3
 ENGL146 - Hip Hop Queens 3
 ENGL150 - Lesbian, Gay, Bisexual, Transgender, and Queer Literature 3
 ENGL180 - An Introduction to Shakespeare 3
 ENGL221 - Advanced Composition and Critical Thinking 3
 ENGL230 - Thinking and Writing Critically about Literature 3
 ENGL240 - Survey of World Literature I: Antiquity To Mid-17th Century 3
 ENGL245 - Survey of World Literature II: Mid-17th Century to Present 3

ETHN045 - Introduction to Black Studies 3
 ETHN101 - Introduction to Ethnic Studies 3
 ETHN102 - Critical Thinking in Ethnic Studies 3
 ETHN103 - Racial and Ethnic Justice Movements 3
 ETHN110 - Introduction to Native American/Indigenous Studies 3
 SJS110 - Introduction to Social Justice Studies 3
 SJS135 - Introduction to LGBTQ+ Studies 3
 SJS136 - Introduction to Gender Studies 3
 SJS150 - Introduction to Race & Ethnicity 3
 FRNCH060 - Elementary French I 5
 FRNCH061 - Elementary French II 5
 HIST029 - United States History Until 1865 3
 HIST030 - United States History From 1865 3
 HIST031 - California History 3
 HIST034 - History of Western Civilization to the Renaissance 3
 HIST035 - History of Western Civilization since the Renaissance 3
 HIST037 - History of Race and Ethnicity in the United States 3
 HIST038 - Contemporary U.S. History 3
 HIST039 - World History to 1500 3
 HIST040 - World History Since 1500 3
 HIST047 - History of Native Americans 3
 HIST052 - Mexican American History 3
 HIST054 - LGBTQ American History 3
 HIST055 - History of Sexuality in North America 3
 HIST056 - History of American Women to 1877 3
 HIST057 - History of American Women Since 1877 3
 HIST060 - History of African-Americans to 1865 3
 HIST061 - History of African-Americans Since 1865 3
 HIST062 - Global History of Slavery 3
 HIST065 - History of African Civilizations to 1800 3
 HIST066 - History of African Civilizations since 1800 3
 HUMAN019 - Ancient Humanities 3
 HUMAN020 - Medieval and Renaissance Humanities 3
 HUMAN021 - Early Modern Humanities 3
 HUMAN022 - American Humanities 3
 HUMAN023 - Late Modern and Contemporary Humanities 3
 HUMAN024 - Shakespeare's English Kings 3
 HUMAN030 - Modernist Paris: Artists and Intellectuals 3
 HUMAN035 - Themes in Mesoamerican Culture Through Ceramics 3
 HUMAN040 - Opera: The Human Experience in Music, Voice and Drama 3
 HUMAN050 - Hip Hop Culture: An American Phenomenon 3
 HUMAN060 - The Great American Musical: Broadway and American Culture 3
 ITAL060 - Elementary Italian I 5
 ITAL061 - Elementary Italian II 5
 JOURN100 - Mass Communication 3
 MATH110 - Introduction to Statistics 4
 MATH140 - Applied Calculus 4
 MATH155 - Precalculus 4
 MATH160 - Discrete Math 4
 MATH210 - Calculus and Analytic Geometry I 4

MATH220 - Calculus and Analytic Geometry II 4
MATH230 - Calculus and Analytic Geometry III 4
MATH240 - Differential Equations 3
MATH250 - Linear Algebra 3
MUSIC010 - Music Literature 3
MUSIC012 - Popular Music in American Culture 3
MUSIC015 - Basic Music 3
MUSIC017 - Music Theory II: Tonal Harmony 3
PHIL100 - Introduction to Philosophy 3
PHIL110 - Critical Thinking and Composition 3
PHIL120 - Introduction to Ethics 3
PHIL122 - Contemporary Moral Issues 3
PHIL130 - History of Ancient Philosophy 3
PHIL132 - History of Modern Philosophy 3
PHIL133 - Philosophy of Political Theory and Thought 3
PHIL140 - Philosophy of Religion 3
PHIL150 - Philosophy Through Film and Literature 3
PHYSC005 - General Physical Science 3
PHYS015 - Introduction to Physics 4
PHYS035 - College Physics I 4
PHYS040 - Physics for Scientists and Engineers I 4
PHYS041 - Physics for Scientists and Engineers II 4
PHYS042 - Physics for Scientists and Engineers III 4
PHYS036 - College Physics II 4
POLSC010 - Introduction to American Government: Institutions and Ideals 3
POLSC033 - Philosophy of Political Theory and Thought 3
POLSC040 - Introduction to California State and Local Politics 3
POLSC043 - International Relations 3
POLSC050 - Introduction to Comparative Politics 3
POLSC109 - Introduction to Constitutional Law: Your Liberties and Rights 3
POLSC160 - Introduction to Law, Public Policy, and Society 3
PSYCH010 - Individual and Social Processes 3
PSYCH011 - General Psychology 3
PSYCH014 - The Psychology of Human Sexuality 3
PSYCH017 - Introduction to Research Methods in Psychology 3
SIGN050 - Elementary American Sign Language I 5
SIGN051 - Elementary American Sign Language II 5
SIGN052 - American Sign Language III 5
SIGN053 - American Sign Language IV 5
SOCIO015 - Introduction to Sociology 3
SOCIO016 - Introduction to Social Problems 3
SOCIO017 - Introduction to Research Methods 3
SPAN050 - Elementary Spanish I 5
SPAN051 - Elementary Spanish II 5
SPAN052 - Intermediate Spanish I 5
SPAN053 - Intermediate Spanish II 5
SPAN057 - Spanish for Spanish Speakers I 4
SPCH110 - Speech Communication 3
SPCH120 - Argumentation and Debate 3
SPCH130 - Interpersonal Communication 3

KNICA-006 Fitness for Athletic Competition

Units: 1.0-2.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is designed to introduce the athlete to the elements, understanding and knowledge of athletic physical training for competition. Course activities will include endurance running, interval sprinting, weight training and plyometric training to improve one's level of fitness for the upcoming athletic season.

Requisites:

Advisory

High School or club athletic experience

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Develop an appropriate stretching and warm up routine for athletic fitness for competition courses. (PSLO 1)

- CSLO2: Establish a base level of strength in specific muscle groups. (PSLO 1)
- CSLO3: Establish a base level of endurance running, and interval sprinting. (PSLO 1)
- CSLO4: Utilize appropriate mechanics for advanced weight exercises. (PSLO 1)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

1.0

Maximum Credit Units

2.0

Total Course In-Class (Contact) Hours

108.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

108.0

Activity Hours

0.0

KNICA-014 Advanced Volleyball Skills for Athletes

Units: 2.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is designed to prepare the student for competition in the California Community College Athletic Association Volleyball season and upon completion be able to transfer to a 4 year university. Intercollegiate volleyball provides the opportunity for competition as a member of an LMC team in conference play, which includes a state championship playoff. Students are eligible to participate for 2 seasons at the community college level.

Requisites:

Advisory

High School Volleyball or club experience recommended

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Apply principles of volleyball offense and defense in collegiate game situations. (PSLO 2)
- CSLO 2: Analyze volleyball game situations to determine appropriate adjustments during play. (PSLO 2)
- CSLO 3: Adhere to the rules of the game of volleyball and demonstrate sportsmanship as defined by the CCCAA. (PSLO 2)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

2.0

Maximum Credit Units

2.0

Total Course In-Class (Contact) Hours

108.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

108.0

Activity Hours

0.0

KNICA-026 Advanced Soccer Skills for Athletes

Units: 2.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is designed to prepare the student for competition in the California Community College Athletic Association Soccer season and upon completion be able to transfer to a 4 year university. Advanced skills in kicks, dribbles and passes as well as offensive and defensive strategies will be emphasized to prepare the student to excel.

Requisites:

Advisory

High School Soccer or club experience recommended

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Apply principles of offense, defense and the quick transitions of each in collegiate game situations.
- CSLO 2: Apply principles and strategies of “set play” situations for offense and defense in collegiate game situations.
- CSLO 3: Adhere to the rules of the game of soccer and demonstrate sportsmanship as defined by the CCCAA.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

2.0

Maximum Credit Units

2.0

Total Course In-Class (Contact) Hours

108.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

108.0

Activity Hours

0.0

KNICA-027 Offensive Football Skills and Conditioning

Units: 1.0-2.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is an introduction to fundamentals, techniques and procedures of intercollegiate football with a focus on offensive philosophies. Skill area such as blocking, catching, passing, and route running will be covered.

Requisites:**Advisory**

Designed for Intercollegiate Football participants

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Adhere to the rules of the game of football and demonstrate sportsmanship as defined by the CCCAA. (PSLO 2)
- CSLO 2 Use appropriate offensive football skills pertinent to a specific football position. (PSLO 2)
- CSLO 3: Analyze offensive football game situations to determine appropriate and strategic actions during play. (PSLO 2)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

1.0

Maximum Credit Units

2.0

Total Course In-Class (Contact) Hours

108.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

108.0

Activity Hours

0.0

KNICA-028 Defensive Football Skills and Conditioning

Units: 1.0-2.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is an introduction to fundamentals, techniques and procedures of intercollegiate football with a focus on defensive philosophies. Skill areas such as block destruction, turnovers, tackling, and techniques specific to a defensive position will be covered.

Requisites:

Advisory

Designed for Intercollegiate Football participants

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Adhere to the rules of the game of football and demonstrate sportsmanship as defined by the CCCAA. (PSLO 2)
- CSLO 2 Use appropriate defensive football skills pertinent to a specific football position. (PSLO 2)
- CSLO 3: Analyze defensive football game situations to determine appropriate and strategic actions during play. (PSLO 2)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

1.0

Maximum Credit Units

2.0

Total Course In-Class (Contact) Hours

108.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

108.0

Activity Hours

0.0

KNICA-046 Advanced Basketball Skills for Athletes

Units: 2.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is designed to prepare the student for competition in the California Community College basketball season and upon completion be able to transfer to a 4-year university. Intercollegiate basketball provides the opportunity for competition as a member of an LMC team in conference play, which includes a state championship playoff. Students are eligible to participate for 2 seasons at the community college level.

Requisites:

Advisory

High School Basketball or club experience recommended

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Apply principles of offense, defense and the quick transitions in practice and collegiate game situations. (PSLO 2)
- CSLO 2: Apply principles and strategies of “set play” situations for offense and defense in practice and collegiate game situations. (PSLO 2)
- CSLO 3: Adhere to the rules of the game of basketball and demonstrate sportsmanship as defined by the CCCAA and LMC Athletic Department. (PSLO 2)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

2.0

Maximum Credit Units

2.0

Total Course In-Class (Contact) Hours

108.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

108.0

Activity Hours

0.0

KNICA-062 Advanced Baseball Skills for Athletes

Units: 2.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is designed to prepare the student for competition in the California Community College baseball season and upon completion be able to transfer to a 4 year university. Advanced skills in hitting for power, batting, hit-and-run, bunting, fielding, throwing, pitching, catching, and base running will be emphasized to prepare the student to excel.

Requisites:**Advisory**

High School Baseball or club experience recommended

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Apply principles of offense: base running, batting for a base hit, bunting and hit-and-run in practice and game situations. (PSLO 2)
- CSLO 2: Apply principles of defense: pop-flies, ground balls, proper throwing techniques, pitching, and catching in practice and game situations. (PSLO 2)
- CSLO 3: Analyze baseball game situations to determine appropriate actions during play. (PSLO 2)
- CSLO 4: Demonstrate sportsmanship at games and practices within the guideline of the CCCAA and Los Medanos Athletic Department. (PSLO 2)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

2.0

Maximum Credit Units

2.0

Total Course In-Class (Contact) Hours

108.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

108.0

Activity Hours

0.0

KNICA-066 Advanced Softball Skills for Athletes

Units: 2.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is designed to prepare the student for competition in the California Community College Athletic Association softball season. Advanced skills in hitting for power, batting hit-and-run, slapping, bunting, fielding, throwing, pitching, catching, and base running will be emphasized to prepare the student to excel.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Adhere to the rules of the game of softball and demonstrate sportsmanship as defined by the CCCAA. (PSLO 2)
- CSLO 2: Use advanced principles of defense; pop-flies, ground balls, and proper throwing techniques in game and practice situations. (PSLO 2)
- CSLO 3: Use advanced principles of offense; batting for a base hit and bunting in game and practice situations. (PSLO 2)
- CSLO 4: Analyze softball game situations to determine appropriate and strategic actions during play. (PSLO 2)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

2.0

Maximum Credit Units

2.0

Total Course In-Class (Contact) Hours

108.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

108.0

Activity Hours

0.0

KNICA-076 Intercollegiate Volleyball

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

Intercollegiate volleyball provides the opportunity for competition as a member of an LMC team in conference play, which includes a state championship playoff. Students are eligible to participate for two seasons at the community college level.

Requisites:

Advisory

High School Volleyball or club experience recommended

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Apply principles of volleyball offense and defense in collegiate game situations. (PSLO 2)
- CSLO 2: Apply principles and strategies of “set play” situations for offense and defense in collegiate game situations. (PSLO 2)
- CSLO 3: Analyze volleyball game situations to determine appropriate adjustments during play. (PSLO 2)
- CSLO 4: Demonstrate sportsmanship at games and practices within the guidelines of the CCCAA and Los Medanos College. (PSLO 2)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

175.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

175.0

Activity Hours

0.0

KNICA-077 Intercollegiate Football

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

Intercollegiate football provides the opportunity for competition as a member of an LMC team in conference play which includes championship playoffs. Students are eligible to participate for 2 seasons at the community college level.

Requisites:

Advisory

[KNICA006 - Fitness for Athletic Competition](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Apply step by step football principles of offense, defense, special teams in collegiate game situations. (PSLO 2)
- CSLO 2: Analyze football game situations to determine appropriate adjustments during play. (PSLO 2)
- CSLO 3: Demonstrate sportsmanship at games and practices within the guidelines of the CCCAA and LMC. (PSLO 2)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

175.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

175.0

Activity Hours

0.0

KNICA-079 Intercollegiate Basketball for Men

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

Intercollegiate basketball provides the opportunity for competition as a member of an LMC team in conference play, which includes a state championship playoff. Students are eligible to participate for two seasons at the community college level.

Requisites:

Advisory

High School Basketball or club experience recommended

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Apply principles of offense, defense and the quick transitions in collegiate game situations.
- CSLO 2: Apply principles and strategies of “set play” situations for offense and defense in collegiate game situations.
- CSLO 3: Analyze basketball game situations to determine appropriate adjustments during play
- CSLO 4: Demonstrate sportsmanship at games and practices within the guidelines of the CCCAA and LMC.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

175.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

175.0

Activity Hours

0.0

KNICA-081 Intercollegiate Baseball

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

Intercollegiate baseball provides the opportunity for competition as a member of an LMC team in conference play, which includes a state championship playoff. Students are eligible to participate for two seasons at the community college level.

Requisites:

Advisory

High School Baseball or club experience recommended

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Apply principles of offense; base running, batting for a base hit, bunting, and hit-and-run in game situations. (PSLO 2)
- CSLO 2: Apply principles of defense; pop-flies, ground balls, proper throwing techniques, pitching, and catching in game situations. (PSLO 2)
- CSLO 3: Analyze baseball game situations to determine appropriate actions during play. (PSLO 2)
- CSLO 4: Demonstrate sportsmanship at games and practices within the guidelines of the CCCAA and LMC. (PSLO 2)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

175.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

175.0

Activity Hours

0.0

KNICA-089 Intercollegiate Soccer

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

Intercollegiate soccer provides the opportunity for competition as a member of an LMC team in conference play, which includes a state championship playoff. Students are eligible to participate for two seasons at the community college level.

Requisites:**Advisory**

High School Soccer or club experience recommended

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Apply principles of offense, defense and the quick transitions of each in collegiate game situations. (PSLO 2)
- CSLO 2: Apply principles and strategies of “set play” situations for offense and defense in collegiate game situations. (PSLO 2)
- CSLO 3: Analyze soccer game situations to determine appropriate adjustments during play. (PSLO 2)
- CSLO 4: Demonstrate sportsmanship at games and practices within the guidelines of the CCCAA and LMC Athletic Department. (PSLO 2)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

175.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

175.0

Activity Hours

0.0

KNICA-090 Intercollegiate Women's Basketball

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

Intercollegiate women's basketball provides the opportunity for competition as a member of an LMC team in conference play, which includes a state championship playoff. Students are eligible to participate for two seasons at the community college level.

Requisites:

Advisory

High School Basketball or club experience recommended

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Apply principles of offense, defense and quick transitions in collegiate game situations. (PSLO 2)
- CSLO 2: Apply principles and strategies of “set play” situations for offense and defense in collegiate game situations. (PSLO 2)
- CSLO 3: Analyze basketball game situations to determine appropriate adjustments during play. (PSLO 2)
- CSLO 4: Demonstrate sportsmanship at games and practices within the regulations of the CCCAA and LMC Athletic Department. (PSLO 2)

Grade Options:

- Pass/No Pass (P/NP)
- Student Choice (SC)
- Letter Grade Methods

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

175.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

175.0

Activity Hours

0.0

KNICA-092 Intercollegiate Softball

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

Intercollegiate softball provides the opportunity for competition as a member of an LMC team in conference play, which includes a state championship playoff. Students are eligible to participate for two seasons at the community college level.

Requisites:

Advisory

High School Softball or club experience recommended

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to both UC and CSU

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Apply principles of offense; base running, batting for a base hit, sacrifice bunt, squeeze bunt and hit-and-run in game situations. (PSLO 2)

- CSLO 2: Apply principles of defense; pop-flies, ground balls, proper throwing techniques, pitching, and catching in game situations. (PSLO 2)
- CSLO 3: Analyze softball game situations to determine appropriate actions during play. (PSLO 2)
- CSLO 4: Demonstrate sportsmanship at games and practices in compliance with LMC and CCCAA code of conduct. (PSLO 2)

Grade Options:

- Pass/No Pass (P/NP)
- Student Choice (SC)
- Letter Grade Methods

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

175.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

175.0

Activity Hours

0.0

KNICA-098 Ind Study/Intercollegiate Athletics

Units: 0.5-3.0

[Print Page](#)

[Back to department listing](#)

Description:

Provides students an opportunity to design and pursue their own interests within a particular area. Projects reflecting cultural diversity and/or societal issues will be greatly encouraged. A contract must be drawn between the student and the instructor stipulating the goals of the independent study, the content, the method of approach, the estimated time involved, and the periodic evaluation to be used.

Requisites:

None

Course Note:

Submission of acceptable educational contract to department and Instruction Office is required.

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- Meet outcomes as specified in the approved Application for Independent Study.
- Gain knowledge and skill through the successful completion of an independent study course.
- Demonstrate and/or apply independent academic learning skills.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

0.5

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

162.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

162.0

Activity Hours

0.0

KNICA-100 Athletic Educational Services and Strategies

Units: 1.5

[Print Page](#)

[Back to department listing](#)

Description:

(Formerly ACS100) This course is intended to assist the freshman student-athlete to transition into college. It will address items facing today's student-athlete in the educational setting. This course will introduce the student-athlete to college support services, time management, study skills, requirements needed to participate athletically and to transfer to a four year institution.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Identify and access appropriate student services for educational success. (PSLO 2)
- CSLO 2: Use basic time management skills to complete college-level coursework. (PSLO 2)
- CSLO 3: Implement an educational plan and transfer plan as an NCAA or NAIA student athlete or as a non-athlete student. (PSLO 2)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

1.5

Maximum Credit Units

1.5

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

18.0

Lab Hours

36.0

Activity Hours

0.0

KNICA-170 Occupational Work Experience Education In Athletics

Units: 1.0-4.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is for students whose work is related to their major. Occupational Work Experience Education provides students with opportunities to develop marketable skills in preparation for employment or advancement within their current job. To participate in cooperative work experience education, students must be employed or formally volunteer and undertake new or expanded responsibilities. Students, with faculty and employer approval, will develop and successfully complete one learning objective for each unit of credit in which they enroll. Additionally, students must work 75 paid hours or 60 non-paid hours for each unit of credit earned. Students may earn up to 8 units per semester and may repeat for a maximum of 16 units of occupational work experience during community college attendance which may be applied as electives toward graduation.

Requisites:

None

Course Note:

Work Experience Education Requirements

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

Section 55253. College Credit and Repetition The amendment to Title 5 created an exception to the general rule for repetition of activity courses to allow students to take the full number of units of cooperative work experience, which would otherwise be allowed. (b) If a college offers only one course in occupational work experience in a given field and that course is not offered as a variable unit open entry/open-exit course, the district policy on course repetition adopted pursuant to section 55040 may permit a student to repeat that course any number of times so long as the student does not exceed the limits on the number of units of cooperative work experience education set forth in subdivision (a). Consistent with section 58161, attendance of a student repeating a cooperative work experience course pursuant to this subdivision may be claimed for state apportionment.

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Apply professionalism and work ethic skills including personal accountability, work habits, punctuality, working productively with others, and managing time and work load.
- CSLO 2: Work in collaborative relationships with colleagues and customers and be able to work with diverse teams, negotiate, and manage conflicts.
- CSLO 3: Apply critical thinking and problem solving skills by using sound reasoning and analytical thinking as well as using knowledge, facts and data to solve workplace problems.
- CSLO 4: Communicate thoughts and ideas clearly and effectively using public speaking skills and the ability to write clearly and effectively.
- CSLO 5: Utilize, under direct supervision, knowledge, skills and abilities acquired during prior or concurrent college course work directly related to workplace responsibilities by applying appropriate Course-Level Student Learning Outcomes from a college course to the student's place of employment.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours

Minimum Credit Units

1.0

Maximum Credit Units

4.0

Total Course In-Class (Contact) Hours

300.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

300.0

Activity Hours

0.0

Kinesiology- Intercollegiate Athletics

Program Information

Courses listed below.

Course Information

KNICA006 - Fitness for Athletic Competition
KNICA014 - Advanced Volleyball Skills for Athletes
KNICA026 - Advanced Soccer Skills for Athletes
KNICA027 - Offensive Football Skills and Conditioning
KNICA028 - Defensive Football Skills and Conditioning
KNICA046 - Advanced Basketball Skills for Athletes
KNICA062 - Advanced Baseball Skills for Athletes
KNICA066 - Advanced Softball Skills for Athletes
KNICA076 - Intercollegiate Volleyball
KNICA077 - Intercollegiate Football
KNICA079 - Intercollegiate Basketball for Men
KNICA081 - Intercollegiate Baseball
KNICA089 - Intercollegiate Soccer
KNICA090 - Intercollegiate Women's Basketball
KNICA092 - Intercollegiate Softball
KNICA098 - Ind Study/Intercollegiate Athletics
KNICA100 - Athletic Educational Services and Strategies
KNICA170 - Occupational Work Experience Education In Athletics

[Back to department listing](#)

LMC Faculty and Staff

Do we keep this page?

LMC Math

Information about the department and degree applicable information

Course Descriptions

[Dept Website](#) [Contact](#) [Lab](#)

Phone Directory

[link to Phone Directory here](#)

Reading Course Descriptions

This will need updating after office of instruction does their import

SPTUT-020 Supervised Tutoring

Units: 0.0

[Print Page](#)

[Back to department listing](#)

Description:

Individualized tutoring designed to assist students to increase their success in college. Content varies depending on course subject matter and may include assistance with course work, homework, exam preparation for grade improvement. This is a free, noncredit, open-entry/open-exit course where tutoring is provided by college staff or student tutors under faculty supervision.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Not transferable

Repeatability:

Noncredit courses are eligible for repetition.

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Demonstrate preparedness by planning for their session and arriving with relevant materials.
- CSLO 2: Apply knowledge learned by actively participating in the session.
- CSLO 3: Plan for the next steps and reflect on what was learned.

Grade Options:

- Other

Toggle

Units and Hours**Minimum Credit Units**

0.0

Maximum Credit Units

0.0

Total Course In-Class (Contact) Hours

0.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

180.0

Activity Hours

0.0

Specialization: Curriculum in Early Childhood Education College Skills Certificate

College Skills Certificate

[Print Page](#)

[Back to department listing](#)

Units:

7.0 units

The following college skills certificates include coursework that may apply to the California Child Development Permit Matrix. Upon completion, teaching permits can be applied for through the State of California Commission on Teacher Credentialing. Contact the LMC Child Development Department for application assistance.

Toggle

Program Learning Outcomes

- 1. Select, develop, and/or use educational equipment, curriculum, assessments, materials, technology, and environments in curriculum development that are culturally relevant and developmentally appropriate.

Toggle

Program Requirements

College Skills Certificate

Required Courses for Certificate (Total 5)

Complete all of the following

[CHDEV022 - Relationship Based Discipline Strategies For Children 2](#)

Specialization: Infant and Toddler Care and Education College Skills Certificate

College Skills Certificate

[Print Page](#)

[Back to department listing](#)

Units:

6.0 units

The following college skills certificates include coursework that may apply to the California Child Development Permit Matrix. Upon completion, teaching permits can be applied for through the State of California Commission on Teacher Credentialing. Contact the LMC Child Development Department for application assistance.

Toggle

Program Learning Outcomes

- 1. Select, develop, and/or use educational equipment, curriculum, assessments, materials, technology, and culturally relevant and developmentally appropriate environments for infant/toddler care and education.

Toggle

Program Requirements

College Skills Certificate

Required Courses for Certificate (Total 6)

Complete all of the following

[CHDEV040 - Infant and Toddler Development](#) 3

[CHDEV041 - Developmentally Appropriate Practices For Infants and Toddlers](#) 3

Specialization: Special Needs Early Care and Education College Skills Certificate

College Skills Certificate

[Print Page](#)

[Back to department listing](#)

Units:

6.0 units

The following college skills certificates include coursework that may apply to the California Child Development Permit Matrix. Upon completion, teaching permits can be applied for through the State of California Commission on Teacher Credentialing. Contact the LMC Child Development Department for application assistance.

Toggle

Program Learning Outcomes

- 1. Select, develop, and/or use educational equipment, curriculum, assessments, materials, technology, and environments that are culturally relevant and developmentally appropriate for children with special needs.

Toggle

Program Requirements

College Skills Certificate

Required Courses for Certificate (Total 6)

Complete all of the following

[CHDEV055 - Introduction to Children with Special Needs](#) 3

[CHDEV057 - Curriculum and Strategies for Children with Special Needs](#) 3

Specialization: Trauma Informed Practitioner College Skills Certificate

College Skills Certificate

[Print Page](#)

[Back to department listing](#)

Units:

6.0 units

The following college skills certificates include coursework that may apply to the California Child Development Permit Matrix. Upon completion, teaching permits can be applied for through the State of California Commission on Teacher Credentialing. Contact the LMC Child Development Department for application assistance.

Toggle

Program Learning Outcomes

- 1. Select, develop and/or use educational equipment, curriculum, assessments, materials, technology and environments that are culturally relevant and developmentally appropriate for children who have experienced trauma.

Toggle

Program Requirements

College Skills Certificate

Required Courses for Certificate (Total 6)

Complete all of the following

[CHDEV030 - Trma Infrmd Practner:foundatns 3](#)

[CHDEV031 - Trma Infrmd Practner:prct/Strg 3](#)

Transit Electrical Technology Certificate of Achievement (COA)

Certificate of Achievement

[Print Page](#)

[Back to department listing](#)

Units:

25.0 units

The Certificate of Achievement in Transit Electrical Technology trains students for the skills required by the technical positions which include: diagnosing operational problems in heavy industrial electrical equipment and systems and determining parts and labor required for repairs; performing preventive maintenance on electrical systems and equipment; assessing and troubleshooting electronic, electrical and mechanical yard and train control equipment problems down to the component level; installing, repairing and maintaining yard and train control equipment.

Toggle

Program Learning Outcomes

- 1. Gain entry-level or mid-level employment in the transit electrical field.
- 2. Troubleshoot, analyze, operate, repair, and install electrical & electronics equipment.

- 3. Communicate the technical status of equipment in writing and verbally; be able to work and communicate with teams.
- 4. Safely use electrical and electronics test equipment.
- 5. Demonstrate the operational concepts of equipment and technology used in the electrical or electronics field.
- 6. Demonstrate the skills and knowledge necessary to take and pass certification exams for career advancement in transit electrical fields.

Toggle

Program Requirements

Certificate of Achievement

Required Courses for Major (Total 25)

Complete all of the following

[ETEC010 - Direct Current Circuits](#) 4

[ETEC012 - Alternating Current Circuits](#) 4

[ETEC020 - Electric Motor Control](#) 3

[ETEC022 - Semiconductor Devices](#) 2

[ETEC024 - Digital Devices](#) 2

[ETEC040 - National Electric Code](#) 3

[ETEC042 - Electrical Wiring Methods and Code Application](#) 1

[ETEC044 - Transformers and Power Distribution](#) 3

[ETEC046 - DC & AC Motors and Generators](#) 3

Tutoring

Course Information

[SPTUT020N - Supervised Tutoring](#)

[Back to department listing](#)

WELD-007 Metal Fabrication Technologies

Units: 1.5

[Print Page](#)

[Back to department listing](#)

Description:

This course covers the theory and hands-on training in both hand tools and power tools, layout and measuring devices, techniques on how to fabricate and repair metal objects, and the knowledge of how to work with metal. There will be tool-making projects, sheetmetal projects, as well as numerous metalworking activities. A mandatory material fee of \$50 will be applied with this course.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Identify basic hand tools, power tools, and shop machinery, and what their capabilities are. (PSLO 1, 2)
- CSLO 2: Ability to read simple drawings and visualize how to make a metal project step-by-step. (PSLO 1, 2, 3)
- CSLO 3: Demonstrate ability to use tools to construct a project in accordance to a drawing with emphasis on workmanship quality and dimensional accuracy. (PSLO 1, 2, 3)
- CSLO 4: To understand the theory and application of weld inspection tooling, how to apply them, and limitations of the equipment and/or process. (PSLO 1, 2).

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

1.5

Maximum Credit Units

1.5

Total Course In-Class (Contact) Hours

64.0

Course in class (contact) hours

Lecture Hours

10.0

Lab Hours

54.0

Activity Hours

0.0

WELD-010 Basic Arc Welding Theory

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is required of all beginning arc welding students to assist them in developing the knowledge of safety and safe practices, fundamentals of Shielded Metal Arc Welding, power sources, and AWS classification of electrodes and electrode selection. Topics Included in this course are: Welding terminology, flame cutting, control of distortion, welding procedure specifications and pipe welding.

Requisites:

Advisory

WELD011 - Basic Shielded Metal Arc Welding Practice

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Utilize safety and safe practices for Arc Welding in accordance to American Welding Society (AWS) standards. (PSLO 2 & 3)
- CSLO 2: Explain the fundamentals (amount of amperage, electrode manipulation, distance from metal, direction of travel, and electrode angle) of Arc Welding according to standard practices. (PSLO 2 & 3)
- CSLO 3: Recognize different types of welding machines and their functions according to industry standards. (PSLO 1 & 2)
- CSLO 4: Describe and explain the procedures to properly weld or fabricate metal components according to standards, specifications or codes. (PSLO 1 & 2)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

WELD-011 Basic Shielded Metal Arc Welding Practice

Units: 2.0

[Print Page](#)

[Back to department listing](#)

Description:

This lab course is required for all beginning Shielded Metal Arc Welding (SMAW) students. Students will practice T-Joint fillet welding in all positions with the SMAW process using E6010 electrodes as well as flame cutting with the oxyacetylene torch.

Requisites:

Advisory

[WELD010 - Basic Arc Welding Theory](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Safely perform fillet welds in all positions using E6010 series electrodes and weld according to procedures and specifications of the American Welding Society (AWS) and industry standards. (PSLO 1)
- CSLO 2: Safely use the required cutting equipment for preparing the metal for welding according to the task specifications. (PSLO 2, 3)
- CSLO 3: Safely and correctly perform the necessary metal preparation, welding, and cleaning of a weldment which simulates a task commonly done in industry. (PSLO 2, 3)

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

2.0

Maximum Credit Units

2.0

Total Course In-Class (Contact) Hours

108.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

108.0

Activity Hours

0.0

WELD-015 Basic Oxyacetylene Welding

Units: 2.0

[Print Page](#)

[Back to department listing](#)

Description:

This course provides you with lecture and "hands-on" lab experience in learning how to use an oxyacetylene torch to weld and braze. You will learn how to manipulate a weld puddle and how to weld different metal joints in different positions. You will learn the safe operating steps and proper welding procedures for sheet-metal. Students are introduced to flame cutting operations using manual and machine torches.

Requisites:

Advisory

[WELD010 - Basic Arc Welding Theory](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Safely perform oxyacetylene gas welding and brazing of various sheet metal weld joints in different positions. Practice safe welding procedures to set-up, operate, and shutdown the welding equipment according to American Welding Society procedures and industry standards. (PSLO 1, 2, 3)
- CSLO 2: Safely use the oxyacetylene cutting process for cutting metal plate by hand. (PSLO 1, 2)
- CSLO 3: Safely demonstrate the ability to solve problems encountered while welding and perform in accordance with industry standards. Recognize malfunctions with welding equipment and troubleshoot the problem at the basic level so that proper operation of the welding equipment can occur (PSLO 1, 2, 3).
- CSLO 4: To understand the theory of oxyacetylene welding fundamentals (types of flames, tip cleaning, process usefulness and limitations of the process. (PSLO 1, 2).

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

2.0

Maximum Credit Units

2.0

Total Course In-Class (Contact) Hours

72.0

Course in class (contact) hours

Lecture Hours

18.0

Lab Hours

54.0

Activity Hours

0.0

WELD-016 Advanced Welding

Units: 1.0

[Print Page](#)

[Back to department listing](#)

Description:

This course covers advanced welding procedures. This course, to be taken after WELD-015 will provide additional practical experience in welding plate, sheetmetal, or pipe. The welding process chosen by the student will be used to provide additional training and experience to better prepare them for industry. Students will gain more proficiency in flame cutting operations using manual and machine torches. It is recommended that this course be taken during the second year or last semester in the Welding program.

Requisites:

Prerequisite

[WELD015 - Basic Oxyacetylene Welding](#)

Advisory

[WELD010 - Basic Arc Welding Theory](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 2: Set-up and calibrate the required cutting equipment for metal preparation (PSLO 2)
- CSLO 1: Utilize safe welding procedures to set-up, operate, and shut-down the welding equipment. Perform a variety of welding exercises on plate, sheetmetal or pipe at the advanced level. (PSLO 1 & 3).
- CSLO 3: Perform oxyacetylene or arc welding on different metal joints in different positions at the advanced level in accordance to American Welding Society procedures and industry standards. (PSLO 3).

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

1.0

Maximum Credit Units

1.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

54.0

Activity Hours

0.0

WELD-020 Intermediate Shielded Metal Arc Welding Practice

Units: 2.0

[Print Page](#)

[Back to department listing](#)

Description:

This lab course is designed for intermediate Shielded Metal Arc Welding (SMAW) students. Training with different electrodes is conducted to allow a student to obtain the necessary skills to pass visual inspection and a fillet-break test. This course covers Shielded Metal Arc Welding on T-Joints (fillet welds) in all positions with E7018 as well as plasma arc cutting techniques and practice.

Requisites:

Prerequisite

[WELD011 - Basic Shielded Metal Arc Welding Practice](#)

Prerequisite

Please see attached Prerequisite Form for details. **Advisory**

[WELD010 - Basic Arc Welding Theory](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Safely set-up the welding equipment to perform fillet welds in all positions using the proper techniques to meet or exceed the quality requirements as set forth by industry and American Welding Society (AWS) standards. (PSLO 1, 3)
- CSLO 2: Safely use the required cutting equipment for preparing the metal for welding according to the task specifications. (PSLO 2, 3)
- CSLO 3: Safely and correctly perform the necessary metal preparation, welding, and cleaning of a weldment which simulates a task commonly done in industry. (PSLO 2, 3)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

2.0

Maximum Credit Units

2.0

Total Course In-Class (Contact) Hours

108.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

108.0

Activity Hours

0.0

WELD-021 Advanced Shielded Metal Arc Welding Practice

Units: 2.0

[Print Page](#)

[Back to department listing](#)

Description:

This lab course is designed for advanced SMAW students. This course covers layout, fitting, tacking, and plate welding in all positions with a V-groove joint configuration and backing bar. This course utilizes welding with E7018 and allows the student to obtain the skills to pass a visual inspection and the bend or X-ray test. Air Carbon Arc Gouging techniques and practice.

Requisites:**Prerequisite**

[WELD010 - Basic Arc Welding Theory](#)

Prerequisite

[WELD020 - Intermediate Shielded Metal Arc Welding Practice](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Safely set-up the SMAW welding equipment to perform groove-welding with backing in all positions using E7018 filler metal to meet or exceed the minimum acceptance of the American Welding Society (AWS) and industry standards. (PSLO 1, 3)
- CSLO 2: Safely use the required cutting equipment for preparing the metal for welding according to the task specifications. (PSLO 2, 3)
- CSLO 3: Safely and correctly perform the necessary metal preparation, welding, and cleaning of a weldment which simulates a task commonly done in industry. (PSLO 2, 3)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

2.0

Maximum Credit Units

2.0

Total Course In-Class (Contact) Hours

108.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

108.0

Activity Hours

0.0

WELD-031 GTAW Welding Practice

Units: 2.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is designed to develop welding skills with the Gas Tungsten Arc Welding (GTAW) aka TIG process as frequently utilized in industry. It includes welding steel, stainless steel, and aluminum on light gauge metals in all positions in various joint configurations. This course includes set-up, calibrating, adjusting, operating and shutting down the equipment.

Requisites:

Advisory

WELD010 - Basic Arc Welding Theory

Advisory

WELD015 - Basic Oxyacetylene Welding

Advisory

WELD040 - TIG, MIG and FCA Welding Theory

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Safely set-up the welding equipment to perform fillet and groove welds in various positions using the proper filler metal type (ER70S-2, ER308 and ER4043) and size to apply the weld as per industry and American Welding Society (AWS) standards (PSLO 1)
- CSLO 2: Safely use the required cutting equipment for preparing the metal for welding according to the task specifications (PSLO 2)
- CSLO 3: Safely and correctly perform the necessary metal preparation, welding, and cleaning of a weldment which simulates a task commonly done in industry. (PSLO 2, 3)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

2.0

Maximum Credit Units

2.0

Total Course In-Class (Contact) Hours

108.0

Course in class (contact) hours**Lecture Hours**

0.0

Lab Hours

108.0

Activity Hours

0.0

WELD-033 GMAW Welding Practice

Units: 2.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is designed to develop welding skills with the Gas Metal Arc Welding (GMAW) aka MIG process as frequently utilized in industry. It includes welding steel sheetmetal and plate in all positions in various joint configurations. This course includes set-up, calibrating, adjusting, operating and shutting down the equipment.

Requisites:**Advisory**

[WELD010 - Basic Arc Welding Theory](#)

Advisory

[WELD011 - Basic Shielded Metal Arc Welding Practice](#)

Advisory

WELD040 - TIG, MIG and FCA Welding Theory

Advisory

ENGL095 - Accelerated Reading, Writing and Critical Thinking Thinking

Advisory

MATH012 - Prealgebra

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Set-up the GMAW equipment to perform fillet and groove welds in various positions using an E70S-6 electrode with CO2 shielding gas to meet or exceed the quality requirements as set forth by industry and American Welding Society (AWS) standards. (PSLO 2, 3)
- CSLO 2: Safely use the required cutting equipment for preparing the material for welding according to the task specifications. (PSLO 1)
- CSLO 3: Safely and correctly perform the necessary metal preparation, welding, and cleaning of a weldment which simulates a task commonly done in industry. (PSLO 2, 3)

Grade Options:

- Letter Grade Methods

Toggle

Units and Hours

Minimum Credit Units

2.0

Maximum Credit Units

2.0

Total Course In-Class (Contact) Hours

108.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

108.0

Activity Hours

0.0

WELD-035 Blueprint Reading for Welders

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

Blueprint reading skills and the ability to interpret American Welding Society welding symbols is required by the metalworking and fabrication industry. This course is designed to teach blueprint reading skills to both beginning welding students and experienced welders. This course will make you more valuable to employers and will improve your employment potential. It covers the basic orthographic principles of three-view projections, dimensioning, sections, and freehand sketching. Emphasis is placed on plate and structural fabrication, print reading, steel classifications, interpretation of the American Welding Society (AWS) welding symbols, and cost estimating of materials for fabrication.

Requisites:

Advisory

[WELD010 - Basic Arc Welding Theory](#)

Advisory

WELD040 - TIG, MIG and FCA Welding Theory

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- Read and interpret a variety of shop and field blueprints that include standard AWS welding symbols (PSLO 2, 3)
- Draw a freehand sketch with dimensions of a fabricated object (PSLO 2)
- Create a Bill of Materials for a metal fabrication project and/or calculate a cost estimate (PSLO 1, 2)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours

Minimum Credit Units

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours**Lecture Hours**

54.0

Lab Hours

0.0

Activity Hours

0.0

WELD-040 TIG, MIG and FCA Welding Theory

Units: 3.0

[Print Page](#)

[Back to department listing](#)

Description:

This is the second course in the welding theory sequence for students to learn the knowledge of safety and safe welding principles required for the operation of Gas Tungsten Arc Welding (GTAW), Gas Metal Arc Welding (GMAW), and Flux Cored Arc Welding (FCAW) equipment. Topics include: practices, procedures and techniques, electrode identification, gases for ferrous and non-ferrous metals, welding discontinuities and defects, welding power sources, material identification and classification, welder certifications and procedure qualifications. This knowledge is essential in developing a solid foundation regarding equipment use and its proper application in the welding trade. It is recommended that students get "hands-on" experience with TIG, MIG or FCAW welding by taking WELD-031, 033, or 043 concurrently.

Requisites:**Advisory**

[WELD010 - Basic Arc Welding Theory](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Utilize safety and safe practices for TIG, MIG and FCAW according to American Welding Society (AWS) Specifications. (PSLO 1)
- CSLO 2: Identifying the appropriate machines/power sources for welding with TIG, or MIG, and/or FCAW processes and determine the type of current to be used based on the metals being welded. (PSLO 2)
- CSLO 3: Describe and explain the appropriate procedures (current type to use, amperage range, filler metal type, gas choice, metal preparation, and fit-up and tacking) to properly weld or fabricate metal components and structures with TIG, or MIG, and/or FCAW processes according to the specifications and codes. (PSLO 2, 3)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours**Minimum Credit Units**

3.0

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

54.0

Course in class (contact) hours

Lecture Hours

54.0

Lab Hours

0.0

Activity Hours

0.0

WELD-041 Pipe Welding Practice

Units: 2.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is an advanced Shielded Metal Arc Welding (SMAW) course that includes open-groove plate and pipe welding in all positions. This course involves cutting, layout, fit-up, tacking, and welding of plate and pipe. Students perform welding in the 2G, 3G, and 4G plate positions then onto 2G, 5G, and 6G pipe positions. This course provides skills to enable the student to pass a visual inspection and the bend or X-ray test.

Requisites:**Prerequisite**

[WELD021 - Advanced Shielded Metal Arc Welding Practice](#)

Advisory

[WELD031 - GTAW Welding Practice](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Safely perform open V-groove welding on plate and pipe in various positions using the proper filler metal type and size to meet or exceed the minimum acceptance of the American Welding Society (AWS) and industry standards. (PSLO 2, 3)
- CSLO 2: Safely use the required cutting equipment for preparing the metal for welding according to the task specifications. (PSLO 2, 3)
- CSLO 3: Safely and correctly perform the necessary metal preparation, welding, and cleaning of a weldment which simulates a task commonly done in industry. (PSLO 2, 3)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours**Minimum Credit Units**

2.0

Maximum Credit Units

2.0

Total Course In-Class (Contact) Hours

108.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

108.0

Activity Hours

0.0

WELD-043 Flux-Core Arc Welding Practice Practice

Units: 2.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is designed to develop welding skills with the Flux-Core Arc Welding (FCAW) process as frequently utilized in industry. One practices the skills to weld plate fillet and groove welds in all positions primarily employing the self-shielded version of this process as well as introduction to the gas-shielded version. This course contains set-up, adjusting, and operating of the FCAW equipment.

Requisites:

Advisory

[WELD010 - Basic Arc Welding Theory](#)

Advisory

[WELD021 - Advanced Shielded Metal Arc Welding Practice](#)

Advisory

[WELD040 - TIG, MIG and FCA Welding Theory](#)

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Perform fillet and groove welds in all positions using E71T-8 series electrode to meet or exceed the quality requirements as set forth by industry and American Welding Society (AWS) standards. (PSLO 1, 3)
- CSLO 2: Safely use the required cutting equipment for preparing the metal for welding according to the task specifications. (PSLO 2, 3)
- CSLO 3: Safely and correctly perform the necessary metal preparation, welding, and cleaning of a weldment which simulates a task commonly done in industry. (PSLO 2, 3)

Grade Options:

- Letter Grade Methods (LR)

Toggle

Units and Hours**Minimum Credit Units**

2.0

Maximum Credit Units

2.0

Total Course In-Class (Contact) Hours

108.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

108.0

Activity Hours

0.0

WELD-098 Independent Study in Welding Technology

Units: 0.5-3.0

[Print Page](#)

[Back to department listing](#)

Description:

Provides students an opportunity to design and pursue their own interests within a particular area. Projects reflecting cultural diversity and/or societal issues will be greatly encouraged. A contract must be drawn between the student and the instructor stipulating the goals of the independent study, the content, the method of approach, the estimated time involved, and the periodic evaluation to be used.

Requisites:

None

Course Note:

Submission of acceptable educational contract to department and Instruction Office is required.

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- Meet outcomes as specified in the approved Application for Independent Study.
- Gain knowledge and skill through the successful completion of an independent study course.
- Demonstrate and/or apply independent academic learning skills.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

0.5

Maximum Credit Units

3.0

Total Course In-Class (Contact) Hours

162.0

Course in class (contact) hours**Lecture Hours**

0.0

Lab Hours

162.0

Activity Hours

0.0

WELD-100 Introduction to Industrial Technology And Trades

Units: 2.0

[Print Page](#)

[Back to department listing](#)

Description:

This is a career exploration course for the industrial trades including: Automotive Technology, Electrical/Instrumentation Technology, Process Technology and Welding Technology. It will provide hands-on experience for students who are maybe undecided about their career direction, and allows them to explore through doing, in this survey course of the industrial trades. It will also teach them some basic skills in each trade. This is one course and will be listed under all of following course numbers AUTO-100, ETEC-100, PTEC-100 and WELD-100. Students may register for this course using any one of the provided course numbers.

Requisites:

None

Course Note:

None

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

None

General Education:

Not approved for General Education

Student Learning Outcomes:

- CLSO 1: Define and describe programs & careers associated with industrial trades.
- CSLO 2: Identify basic elements of industrial trades including electrical, mechanical & physical systems.
- CSLO 3: Perform basic skills and safety procedures required in industrial trades.

Grade Options:

- Pass/No Pass (P/NP)

Toggle

Units and Hours

Minimum Credit Units

2.0

Maximum Credit Units

2.0

Total Course In-Class (Contact) Hours

72.0

Course in class (contact) hours

Lecture Hours

18.0

Lab Hours

54.0

Activity Hours

0.0

WELD-170 Occupational Work Experience Education In Welding

Units: 1.0-4.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is for students whose work is related to their major. Occupational Work Experience Education provides students with opportunities to develop marketable skills in preparation for employment or advancement within their current job. To participate in cooperative work experience education, students must be employed or formally volunteer and undertake new or expanded responsibilities. Students, with faculty and employer approval, will develop and successfully complete one learning objective for each unit of credit in which they enroll. Additionally, students must work 75 paid hours or 60 non-paid hours for each unit of credit earned. Students may earn up to 8 units per semester and may repeat for a maximum of 16 units of occupational work experience during community college attendance which may be applied as electives toward graduation.

Requisites:

None

Course Note:

Work Experience Education Requirements

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

Section 55253. College Credit and Repetition The amendment to Title 5 created an exception to the general rule for repetition of activity courses to allow students to take the full number of units of cooperative work experience, which would otherwise be allowed. (b) If a college offers only one course in occupational work experience in a given field and that course is not offered as a variable unit open entry/open-exit course, the district policy on course repetition adopted pursuant to section 55040 may permit a student to repeat that course any number of times so long as the student does not exceed the limits on the number of units of cooperative work experience education set forth in subdivision (a). Consistent with section 58161, attendance of a student repeating a cooperative work experience course pursuant to this subdivision may be claimed for state apportionment.

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Apply professionalism and work ethic skills including personal accountability, work habits, punctuality, working productively with others, and managing time and work load.
- CSLO 2: Work in collaborative relationships with colleagues and customers and be able to work with diverse teams, negotiate, and manage conflicts.
- CSLO 3: Apply critical thinking and problem solving skills by using sound reasoning and analytical thinking as well as using knowledge, facts, and data to solve workplace problems.
- CSLO 4: Communicate thoughts and ideas clearly and effectively using public speaking skills and the ability to write clearly and effectively.
- CSLO 5: Utilize, under direct supervision, knowledge, skills and abilities acquired during prior or concurrent college course work directly related to workplace responsibilities by applying appropriate Course-Level Student Learning Outcomes from a college course to the student's place of employment.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

1.0

Maximum Credit Units

4.0

Total Course In-Class (Contact) Hours

300.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

300.0

Activity Hours

0.0

WELD-180 Internship in Welding

Units: 4.0

[Print Page](#)

[Back to department listing](#)

Description:

This course is for students who have declared a major, have taken classes in the major, and are ready for on-the-job experience in a paid or unpaid position. An internship involves working in a skilled or professional level assignment in the area of a student's vocational or academic major or field of interest. Students, with faculty and employer approval, will apply college-acquired knowledge, skills and abilities as well as acquire new learning to prepare for a career in their chosen field. Students must work 75 paid hours or 60 non-paid hours for each unit of credit earned. Students may earn a maximum of 16 units of occupational work experience internship during community college attendance which may be applied as electives toward graduation. 12 units are transferable to CSU.

Requisites:

None

Course Note:

Work Experience Education Requirements

Enrollment Limitation:

None

Transferable:

Transferable to CSU only

Repeatability:

Section 55253. College Credit and Repetition The amendment to Title 5 created an exception to the general rule for repetition of activity courses to allow students to take the full number of units of cooperative work experience, which would otherwise be allowed. (b) If a college offers only one course in occupational work experience in a given field and that course is not offered as a variable unit open entry/open-exit course, the district policy on course repetition adopted pursuant to section 55040 may permit a student to repeat that course any number of times so long as the student does not exceed the limits on the number of units of cooperative work experience education set forth in subdivision (a). Consistent with section 58161, attendance of a student repeating a cooperative work experience course pursuant to this subdivision may be claimed for state apportionment.

General Education:

Not approved for General Education

Student Learning Outcomes:

- CSLO 1: Apply professionalism and work ethic skills including personal accountability, work habits, punctuality, working productively with others, and managing time and work load.
- CSLO 2: Work in collaborative relationships with colleagues and customers and be able to work with diverse teams, negotiate, and manage conflicts.
- CSLO 3: Apply critical thinking and problem solving skills by using sound reasoning and analytical thinking as well as using knowledge, facts, and data to solve workplace problems
- CSLO 4: Communicate thoughts and ideas clearly and effectively using public speaking skills and the ability to write clearly and effectively.
- CSLO 5: Utilize, under direct supervision, knowledge, skills and abilities acquired during prior or concurrent college course work directly related to work place responsibilities by applying appropriate Course-Level Student Learning Outcomes from a college course to the internship.

Grade Options:

- Pass/No Pass (P/NP)
- Letter Grade Methods (LR)
- Student Choice (SC)

Toggle

Units and Hours**Minimum Credit Units**

0.0

Maximum Credit Units

4.0

Total Course In-Class (Contact) Hours

300.0

Course in class (contact) hours

Lecture Hours

0.0

Lab Hours

300.0

Activity Hours

0.0

Welding Associate of Science Degree (AS)

A.S. Degree Local

[Print Page](#)

[Back to department listing](#)

Units:

60.0 units

The program in Welding Technology offers instruction in the principles and practices of welding processes. Successful completion of the program provides sufficient training for entry-level into the field of production-type welding. Students have access to the latest instructional and practical experiences in a spacious, modern shop facility. For the Associate of Science Degree in Welding Technology, complete 26 units of coursework listed below as well as the General Education requirements. Consult a Los Medanos College counselor to develop your education plan for the Associate of Science Degree.

Toggle

Program Learning Outcomes

- 1. Be able to know and specify the safety requirements and knowledge as required in the welding trade.
- 2. Demonstrate the ability and theory to effectively solve problems encountered while welding or cutting and perform in accordance with industry standards.
- 3. Be prepared to learn the step-by-step procedure to pass the AWS Welder Qualification/Certification Exam, essential for employment as a welder.

Toggle

Program Requirements

A.S. Degree Local

Required Courses in Major (Total 26)

Complete all of the following

Required Courses in Major (Total 26)

Complete all of the following

WELD010 - Basic Arc Welding Theory 3

WELD011 - Basic Shielded Metal Arc Welding Practice 2

WELD015 - Basic Oxyacetylene Welding 2

WELD016 - Advanced Oxyacetylene Welding 1

WELD020 - Intermediate Shielded Metal Arc Welding Practice 2

WELD021 - Advanced Shielded Metal Arc Welding Practice 2

WELD031 - GTAW Welding Practice 2

WELD033 - GMAW Welding Practice 2

WELD035 - Blueprint Reading for Welders 3

WELD040 - TIG, MIG and FCA Welding Theory 3

WELD041 - Pipe Welding Practice 2

WELD043 - Flux-Core Arc Welding Practice Practice 2

Welding Certificate of Achievement (COA)

Certificate of Achievement

[Print Page](#)

[Back to department listing](#)

Units:

36.0 - 42.0 units

The program in Welding Technology offers instruction in the principles and practices of welding processes. Successful completion of the program provides sufficient training for entry-level into the field of production-type welding. Students have access to the latest instructional and practical

experiences in a spacious, modern shop facility. For the Certificate of Achievement in Welding Technology, complete the units of coursework listed below. Consult a Los Medanos College counselor to develop your education plan

Toggle

Program Learning Outcomes

- 1. Be able to know and specify the safety requirements and knowledge as required in the welding trade.
- 2. Demonstrate the ability and theory to effectively solve problems encountered while welding or cutting and perform in accordance with industry standards.
- 3. Be prepared to learn the step-by-step procedure to pass the AWS Welder Qualification/ Certification Exam, essential for employment as a welder.

Toggle

Program Requirements

Certificate of Achievement

Required Courses for Major (Total 29 - 30)

Complete all of the following

Required Courses for Major (Total 26)

Complete all of the following

WELD010 - Basic Arc Welding Theory 3

WELD011 - Basic Shielded Metal Arc Welding Practice 2

WELD015 - Basic Oxyacetylene Welding 2

WELD016 - Advanced Oxyacetylene Welding 1

WELD020 - Intermediate Shielded Metal Arc Welding Practice 2

WELD021 - Advanced Shielded Metal Arc Welding Practice 2

WELD031 - GTAW Welding Practice 2

WELD033 - GMAW Welding Practice 2

WELD035 - Blueprint Reading for Welders 3

WELD040 - TIG, MIG and FCA Welding Theory 3

WELD041 - Pipe Welding Practice 2

WELD043 - Flux-Core Arc Welding Practice Practice 2

Required Courses for Major (Total 3 - 4)

Complete the following number of credits: 3-4

BUS160 - Personal Finance 3

COMSC060 - Information Technologies 4

Welding Pre-Apprenticeship College Skills Certificate

College Skills Certificate

[Print Page](#)

[Back to department listing](#)

Units:

8.0 - 9.0 units

The Welding Pre-Apprenticeship Skills Certificate program offers instruction in basic theory and practices of welding processes. Students have access to the latest instructional and practical experiences in a spacious, modern shop facility. For the College Skills Certificate in Welding Pre-Apprenticeship, complete the 5 units of required coursework listed.

Toggle

Program Learning Outcomes

- 1. Be able to know and have an appreciation for the safety knowledge required in the welding trade.
- 2. Have a basic understanding how to solve common welding problems encountered in industry as well as reveal basic welding and cutting manipulative skills.

Toggle

Program Requirements

College Skills Certificate

Required Courses for Major (Total 5)

Complete all of the following

[WELD010 - Basic Arc Welding Theory](#) 3

[WELD011 - Basic Shielded Metal Arc Welding Practice](#) 2

Welding Technology

Program Information

The program in Welding Technology offers instruction in the principles and practices of welding processes. Successful completion of the program provides sufficient training for entry level into the field of production type welding. Students have access to the latest instructional and practical experiences in a spacious, modern shop facility.

Degrees and Certificates

[Welding Associate of Science Degree \(AS\)](#)

[Welding Certificate of Achievement \(COA\)](#)

[Welding Pre-Apprenticeship College Skills Certificate](#)

Course Information

WELD007 - Metal Fabrication Technologies
WELD010 - Basic Arc Welding Theory
WELD011 - Basic Shielded Metal Arc Welding Practice
WELD015 - Basic Oxyacetylene Welding
WELD016 - Advanced Welding
WELD020 - Intermediate Shielded Metal Arc Welding Practice
WELD021 - Advanced Shielded Metal Arc Welding Practice
WELD031 - GTAW Welding Practice
WELD033 - GMAW Welding Practice
WELD035 - Blueprint Reading for Welders
WELD040 - TIG, MIG and FCA Welding Theory
WELD041 - Pipe Welding Practice
WELD043 - Flux-Core Arc Welding Practice Practice
WELD098 - Independent Study in Welding Technology
WELD100 - Introduction to Industrial Technology And Trades
WELD170 - Occupational Work Experience Education In Welding
WELD180 - Internship in Welding

[Back to department listing](#)

buttons examples

basic button

Primary Button

buttons with different styles

Primary Button Secondary Button Success Button Danger Button Warning Button Info Button Light Button Dark Button

buttons with different sizes

Large Button Normal Button Small Button Block Button

outline buttons

Primary Button Secondary Button Success Button Danger Button Warning Button Info Button Light Button Dark Button

buttons with icons

Add Item Edit Item Delete Item [View a list of certificate and degrees](#)

handletest

Handlebars Web Page

image test

