
LOS MEDANOS COLLEGE



2025-2026
CATALOG



LOS MEDANOS COLLEGE

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www.losmedanos.edu

25|26
CATALOG

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2025-2026 Catalog

and Announcement of Courses

Accreditation

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 Commission on Recognition of Postsecondary Accreditation and the U.S. Department of Education.

Accrediting Commission for Community and Junior Colleges

331 J Street, Suite 200
Sacramento, CA 95814
(415) 506-0234
www.accjc.org

Approved by

Board of Governors of the California Community Colleges

California Department of Education, Bureau of School Approvals for the enrollment of veterans and eligible persons under Title 38 of the U.S. Code.

California State Fire Marshal

Commission on Peace Officer Standards and Training

Contra Costa Emergency Medical Services Agency

State Board of Registered Nursing

State Board of Vocational Nursing

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.

Telephone

Pittsburg Campus (925) 439-2181
Bookstore (925) 439-2056
Brentwood Center (925) 513-1625

Table of Contents

Section 1: General Information

About the College 8

Getting Started Applying for Admission 9

Student Outreach and Welcome Services
 Student Classifications
 Who is Eligible for College Admission
 Special Admissions
 International Students
 Residency Status

What You Need to Know. 11

Registration and Enrollment Policies
 Open Course Policy
 How to Register
 InSite and InSite Mail (student email)
 Course Enrollment Priority
 Progress Evaluation by Faculty
 Address Changes
 Withdrawal and Drop Policy
 Instructor Initiated Drops
 Prerequisites/Advisories
 Course Information
 Instructional Materials
 Zero Textbook Cost
 Duplicate or Conflicting Courses
 Attendance
 Cancellation of Courses

Fees and Exemptions 14

Enrollment Fee
 Tuition Fee for Non-California Residents
 Exemptions
 Non Resident Exemptions
 Student Representation Fee
 AB2210 Exemption
 Nonresident Tuition Exemption (SB 150)
 Student Union Fee Information
 DACA (Deferred Action for
 Childhood Arrivals)
 Student Activity Fee
 Parking Fee
 Returned Check Fee
 Instructional Materials Fee
 Financial holds
 Student Payroll
 Veterans Benefits
 Refund Policy
 Financial Aid Enrollment Fee Refunds
 Parking Permit Refunds

Academic Policies and Standards 17

Grading
 Non-Evaluative Symbols
 Student Grade Appeals
 Earning Credit
 Course Repetition Policy
 Repeat of Biology Courses
 Academic Renewal Policy
 Remedial Coursework Limitation
 Transfer of Credit
 Credit from Other Institutions
 Credit for Military Experience
 Credit by Examination
 Credit through High School Articulation
 Credit by Advanced Placement (AP)
 High School Credit
 Transcript Requests
 Enrollment and Degree Verifications
 Waivers, Appeals and Complaints
 Alert and Dismissal
 Notification of Alert and Dismissal
 Reinstatement for Academic Alert and Dismissal
 Standards of Satisfactory Academic Progress (SAP) to
 Qualify for Financial Aid
 Financial Aid Appeals
 Student Recognition and Honors

Student Laws And Policies 27

Student Records and Privacy
 Availability of Student Information
 Students Rights and Responsibilities
 Religious Observance Policy for Students
 Non-Discrimination Policy

Student Rights & Responsibilities 30

Student Responsibilities for Educational Goals
 and Participation
 Academic Freedom
 Freedom of Expression
 Student Organizations
 Student Participation in College Governance
 Student Trips
 Student Code of Conduct
 Student Complaint Process
 Student Right-To-Know and Campus Security Act

Other Policies for Students 47

Animals on Campus
 Drug-Free Campus Policy
 Parking Regulations & Enforcement
 Smoking Policy
 Evening, Weekend and Online Courses

Student Support Services 48

CARE
 CalWORKs
 Assessment Center
 Child Care Services
 Counseling Services
 Disabled Students Program & Services
 Extended Opportunity Programs and Services
 Financial Aid and Scholarship Program
 Health Services Referral
 LMC Marketplace (Basic Needs)
 LMC Pride Alliance
 Student Life
 Placement Process
 Police Services
 Student Life
 Student Success & Retention Programs
 Transfer & Career Services
 Vocational Rehabilitation

Academic Support Services 55

Athletic Program
 Bookstore
 Center for Academic Support
 Honors Transfer Program
 Library
 Math Tutoring Centers
 MESA
 Puente
 Student Newspaper - The Experience
 Transfer Academy
 Umoja Scholars
 Veterans Resource Center
 Work Experience Education (WRKX)

Section 2: College Transfer and Graduation Requirements**Transfer Information 60**

Changes to Transfer General Education
 Transfer to the California State
 Transfer to the University of California (UC)
 Special Transfer Admissions Programs
 Honors Transfer Admission Agreements
 Transfer to Private and Out-of-State Colleges and
 Universities

Graduation Requirements 62

Applying for Graduation
 Catalog Rights
 Associate Degree for Transfer Requirements
 Associate Degree Requirements
 Certificate of Achievement Requirements
 Noncredit Certificate Requirements

General Education 63**LMC Programs of Study 64****Associate Degree Requirements 67****Cal-GETC Chart 70****Section 3: Program Requirements,
Courses and Program
Student Learning Outcomes****Understanding the Course Descriptions 74****Guidelines on Units of Credits 75****Reading Course Descriptions 76****Course Descriptions, Program Descriptions, and
Program Student Learning Outcomes 77****Section 4: Appendices****Faculty/Staff 258****Phone Directory 268****Glossary of Terms 269****Campus Maps & Directions 270****Index 273**

College Calendar

Fall Semester 2025

Course enrollment	See Fall Schedule of Courses
Instruction begins	August 25
Labor Day (college closed)	September 1
Last day to add and drop full-term classes with eligibility for fee refund or credit	September 5
Last day to drop for semester-length courses to avoid "W" on transcript if dropping on InSite	September 7
Last day to add semester-length classes on InSite	September 7
Census Day	September 8
Indigenous Peoples' Day (college closed)	October 13
Last day to apply for Fall graduation	October 15
Veterans Day (college closed)	November 11
Last day to drop semester-length courses	November 14
Thanksgiving (college closed)	November 27 – 28
Last day of instruction and final exams	December 12

Spring Semester 2026

Course enrollment	See Spring Schedule of Courses
Martin Luther King Jr.'s Birthday (college closed)	January 19
Instruction begins	January 26
Last day to drop semester-length classes with eligibility for fee refund or credit	February 6
Last day to add semester-length classes on InSite	February 8
Last day to drop for semester-length courses to avoid "W" on transcript if dropping on InSite	February 8
Census Day	February 9
Lincoln's Birthday (college closed)	February 13
Washington's Birthday (college closed)	February 16
Last day to petition for pass/no pass option (SC) for semester-length courses	March 1
Full-term classes: the Friday before the last day of the course	
• Full-term classes: the Friday before the last day of the course	
• Short-term and summer classes: the second to last day of the course	
Last day to apply for Spring graduation	March 1
Spring recess	March 22-28
Last day to drop for semester-length courses	April 24
Last day of instruction—Graduation	May 22
Memorial Day (college closed)	May 25

Summer Intersession 2026

Instruction begins	May 23
Juneteenth (college closed)	June 19
Independence Day (college closed)	July 4
Last day to apply for Summer graduation	July 15
End of Summer Intersession	August 23



1

Section

General College
Information

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 a 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

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.

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

High School Students

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 and/or have a signed Private School Affidavit;
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 as determined by the high school principal's signature on the Special Admit Concurrent Enrollment Form.

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

- 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.
- To be considered for admittance as a special summer session student, the student must meet the eligibility standards as established in Education Code Section 76001. To be considered for admittance as a special full-time student, the student must meet the eligibility standards as established in Education Code Section 48800.5.

** 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.

California State law clarifies that a student must be 18 or a high school graduate by the time their first semester begins. The minimum age to attend CCC/DVC/LMC as an international student is 16. However, a 16-year-old must be considered a high school graduate.

Application Deadlines:

Fall Semester: July 1 (applicants abroad)
August 1 (applicants in the U.S.)
Spring Semester: December 1 (applicants abroad)
January 1 (applicants in the U.S.)

Admissions Guide:

1. Application
2. Evidence of Secondary/High School Graduation (if under 18)
3. Evidence of English Language Proficiency
4. Financial support evidence: \$30,150
5. Passport copy

In order to qualify for admission, the following is required:

1. English Assessment (must have been completed within the last two (2) years:
2. Sufficient funds to cover the payment of tuition, fees, and living expenses.
3. Health insurance fees will automatically be charged each semester when you register for courses.
4. International students must pay a nonresident tuition fee, in addition to enrollment fees.
5. 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, nationals of the United States, 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 US Citizenship and Immigration Services 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 residency@losmedanos.edu using your InSite email account.

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 assessment process, complete orientation, and develop an education plan. Students choosing not to complete an assessment, 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 the 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 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 that 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.

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 \$392 per unit, in addition to the enrollment fee of \$46 per unit. The nonresident fee for non-U.S. citizens is \$392 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.

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 for Military-Connected Students

Los Medanos College is approved by the U.S. Department of Veterans Affairs (VA) and the California Department of Veterans Affairs (CalVet) for training U.S. military active and reserve service members, veterans, and dependents of deceased or disabled veterans. Eligibility for benefits through these programs is determined by the appropriate federal or state agency. Service members and honorably discharged veterans are eligible for priority registration upon completion of requirements and making a request.

The College will certify enrollment and academic progress of students using VA education benefits. Students are required to create an annual education plan with a Veterans Services counselor, be officially registered, enrolled in VA-approved courses, and submit a certification request. Only courses that fulfill requirements for a student's Los Medanos College major and degree objective will be certified. Some courses may be shorter than a full semester, and VA benefits are based on the benefit chapter and active course unit load. Changes after certification must be reported by submitting an Enrollment Certification Request & Change Notification. Failure to report changes, such as withdrawing from courses or the College, will be considered a violation of the Educational Benefits Act. The College is approved to certify for associate degrees, certificates of achievement, and transfer degrees, enabling students to pursue multiple academic goals.

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.

A minimum 2.0 GPA is required for graduation. A student falling below this will be placed on academic alert. If the student's GPA is not raised to the required minimum by the end of the alert period, their VA certification will be terminated. Additionally, repeated course withdrawals may result in unsatisfactory progress. An unsatisfactory progress leading to a progress alert will also result in the termination of their VA certification and may cause a student debt to the VA.

Veterans may receive credit for up to six elective semester units toward their associate degree, provided that elective credit applies toward the student's educational objective. This credit will be granted upon verification of completion of a U.S. Armed Forces basic or recruit training program.

Dependents of deceased or disabled veterans may be eligible for the CalVet Tuition Fee Waiver, requiring annual application to the County Veterans Service Office.

For more information, please visit our Veterans Services webpage or contact the County Veterans Services Office at 925-313-1481.

Student Refund Policy

Fee refunds for students who withdraw from school or drop classes by the deadline for class add/drop will be automatically calculated at the District Information Technology Center. Refunds will be processed every two weeks after add/drop deadline of the semester. Fee payments made by credit card through InSite will be refunded to the same credit card used for payment.

District processes all other refunds through BankMobile Disbursements, a technology solution, powered by BMTX, Inc. <https://www.4cd.edu/bankmobile refunds/>

Students MUST select a refund delivery preference to receive their scheduled disbursements as quickly as possible. To select a refund preference, sign onto the InSite App using your student credentials, or go to <https://m.4cd.edu>, then select the "Payment" tile and "My Refund Options". This will direct you to the BankMobile Disbursements website where you can select your refund delivery preference from two available options; 1) deposit into an existing bank account or 2) deposit into a BankMobile vibe checking account. Students that do not select a delivery preference will be mailed a check to the mailing address on file with Admissions and Records. It is the responsibility of the student to maintain correct and up-to-date address information. Addresses can be updated using the Student Data Change form located on the InSite App or <https://m.4cd.edu> under your college's "Student Forms" section.

No refund of the enrollment fee will be made to any student who withdraws from classes after the first two weeks of instruction for a full semester class, or after 10% of the class time for a short-term class. A refund will not be made if the student has other outstanding debts to the college.

The above policy also applies to the refund of nonresident tuition fees.

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 issued a refund based on their payment selection with BankMobile Disbursements 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.

Academic Policies & Standards

Evaluative Symbols/Grading Scale

SYMBOL AND DEFINITION	GRADE POINTS
A Excellent	4
B Good	3
C Satisfactory	2
D Passing, less than satisfactory	1
F Failing	0
P Passing (at least satisfactory — C or better — units awarded not counted in GPA).	
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 evaluative 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 evaluative 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. "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.
 - a. 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;
 - b. Military Withdrawals shall not be counted in progress alert and dismissal calculations.
 - c. "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.
 - a. 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.
 - b. Excused Withdrawal shall not be counted in progress alert and dismissal calculations.
 - c. 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 eight 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 receipt from 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).

Courses approved for credit by exam are noted in the course descriptions.

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.

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 or visiting www.parchment.com. 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.

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.

Advanced Placement

Examination	Score	LMC Course Equivalents - Semester Units	Requirements Satisfied LMC GE AA/AS Degree	CSU Elective Units for Transfer	Units for Transfer Determined by UC Campus.	CAL-GETC Area
Art History	3,4,5	No equivalent-N/A	Arts & Humanities	6	5.3	3A or 3B
Biology	3,4,5	BIO SC 10 - 4 units	Natural Science	6	5.3	5B and 5C
Chemistry	3,4,5	CHEM 25-5 units	Natural Science	6	5.3	5A and 5C
Chinese Language & Culture	3,4,5	No equivalent -N/A	Arts & Humanities	6	5.3	3B
Computer Science A	3,4,5	COMSC 44 or 122 -3 units COMSC 44 + 48 - 6 units	N/A	3**	5.3	
Computer Science AB	3,4,5	COMC 122 + 132 - 6 units	N/A	6**	N/A	
Computer Science Principles	3,4,5	No equivalent-N/A	LR2B	6	5.3	
Economics: Macro	3,4,5	ECON 11 - 3 units	Social & Behavioral Science	3	2.6	4
Economics: Micro	3,4,5	ECON 10 - 3 units	Social & Behavioral Science	3	2.6	4
English: Language & Comp.	3,4,5	ENGL 100 - 3 units	Language and Rationality	6	5.3	1A
English: Literature & Comp.	3,4,5	ENGL 100 - 3 units	Language and Rationality or Arts & Humanities	6	5.3	1A or 3B
Environmental Science	3,4,5	BIO SC 7 - 4 units	Natural Science	4	2.6	5A and 5C
French Language and Culture	3,4,5	No equivalent-N/A	Arts & Humanities	6	5.3	3B
German Language and Culture	3,4,5	No equivalent-N/A	Arts & Humanities	6	5.3	3B
Govt. & Politics: U.S.	3,4,5	No equivalent-N/A	Social & Behavioral Science	3****	2.6	4
Govt. & Politics: Comparative	3,4,5	No equivalent-N/A	Social & Behavioral Science	3	2.6	4
History: United States	3,4	N/A	Arts & Humanities or Social & Behavioral Science	6****	5.3	3B or 4
History: United States	5	HIST 29 + 30 - 6 units	Social & Behavioral Science	6	5.3	3B or 4
History: European	3,4,5	No equivalent - N/A	Arts & Humanities or Social & Behavioral Science	6	5.3	3B or 4
History: World	3,4	N/A	Arts & Humanities or Social & Behavioral Science	6	5.3	3B or 4
History: World	5	HIST 34 + 35 - 6units	Social & Behavioral Science	6	5.3	3B or 4
Human Geography	3,4,5	No equivalent-N/A	Arts & Humanities or Social & Behavioral Science	3	2.7	4
Italian Language & Culture	3,4,5	No equivalent-N/A	Arts & Humanities	6	5.3	3B
Japanese Language & Culture	3,4,5	No equivalent-N/A	Arts & Humanities	6	5.3	3B
Latin	3,4,5	No equivalent-N/A	Arts & Humanities	3	5.3	3B
Mathematics:						
Calculus BC	3	N/A	Language and Rationality	6**	5.3	2
Calculus AB	3,4,5	MATH 210 - 4 units	Language and Rationality	3**	2.6	2
Calculus BC	4,5	MATH 210 + 220 - 8 units	Language and Rationality	6**	5.3	2
Music Theory	3,4, 5	Music 15 - 3 units Music 15 + 16 - 6 units	Arts & Humanities	6	5.3	
Physics 1	3,4,5	PHYS 35 - 4 units	Natural Science	4***	5.3***	5A and 5C
Physics 2	3,4,5	PHYS 36 - 4 units	Natural Science	4***	5.3***	5A and 5C
Physics C: Mechanics	3,4,5	PHYS 40 - 4 units	Natural Science	4***	2.6***	5A and 5C
Physics C: Magnetism	3,4,5	PHYS 41 - 4 units (3)	Natural Science	4***	2.6***	5A and 5C
Psychology	3,4,5	PSYCH 11 - 3 units	Social & Behavioral Science	3	2.6	4
Spanish Language	3,4	SPAN 52 - 5 units	Arts & Humanities	6	5.3	3B
Spanish Language	5	SPAN 53 - 5 units	Arts & Humanities	6	5.3	3B
Spanish Literature	3,4,5	No equivalent-N/A	Arts & Humanities	6	5.3	3B
Statistics	3,4,5	MATH 110-4 units	Language and Rationality	3	2.6	2
Studio Art: 2D Design	3,4,5	ART 10 - 3 units	N/A	3	5.3	
Studio Art: 3D Design	3,4,5	ART 11 - 3 units	N/A	3	5.3	
Studio Art: Drawing	3,4,5	ART 20 - 3 units	N/A	3	5.3	

Notes:

- Units awarded for Advanced Placement exams may not be used to meet the residency requirements for the associate degree.
- AP tests may not satisfy the requirements for specific majors at four-year colleges. Please consult with a counselor or a university representative.

- * 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.

College Level Examination Program

CLEP Examination	Score	LMC Course Equivalents	LMC Local GE Area	CSU Elective Units for Transfer	Units Elective Units for Transfer	CAL-GETC Area
American Government	50	N/A	SB	3	N/A	N/A
American Literature	50	N/A	AH	3	N/A	N/A
An. & Interpreting Literature	50	N/A	AH	3	N/A	N/A
Biology	50	N/A	NS	3	N/A	N/A
Calculus	50	N/A	LR2B	3	N/A	N/A
Chemistry	50	CHEM 6	NS	3	N/A	N/A
College Algebra	50	N/A	LR2B	3	N/A	N/A
College Algebra-Trigonometry	50	N/A	LR2B	3	N/A	N/A
College Mathematics	50	N/A	N/A	0	N/A	N/A
English Composition -no essay	50	N/A	N/A	0	N/A	N/A
English Composition - essay	50	N/A	N/A	0	N/A	N/A
English Literature	50	N/A	N/A	0	N/A	N/A
Financial Accounting	50	N/A	N/A	3	N/A	N/A
French Level I	50	FRENCH 60	N/A	6	N/A	N/A
French Level II	59	FRENCH 61	N/A	9	N/A	N/A
Freshman College Composition	50	N/A	N/A	0	N/A	N/A
German Level I	50	N/A	N/A	6	N/A	N/A
German Level II	60	N/A	N/A	9	N/A	N/A
History, U.S. I	50	HIST 29	SB	3	N/A	N/A
History, U.S. II	50	HIST 30	SB	3	N/A	N/A
Human Growth & Development	50	N/A	SB	3	N/A	N/A
Humanities	50	N/A	AH	3	N/A	N/A
Info Sys & Comp Applications	50	COMSC 40	N/A	3	N/A	N/A
Intro Educational Psychology	50	N/A	N/A	3	N/A	N/A
Introductory Business Law	50	N/A	N/A	3	N/A	N/A
Introductory Psychology	50	PSYCH 11	SB	3	N/A	N/A
Introductory Sociology	50	SOCIO 15	SB	3	N/A	N/A
Natural Sciences	50	N/A	NS	3	N/A	N/A
Pre-Calculus	50	MATH-155	LR2B	3	N/A	N/A
Principles of Accounting	50	N/A	N/A	3	N/A	N/A
Principles of Macroeconomics	50	ECON 11	SB	3	N/A	N/A
Principles of Management	50	N/A	N/A	3	N/A	N/A
Principles of Marketing	50	N/A	N/A	3	N/A	N/A
Principles of Microeconomics	50	ECON 10	SB	3	N/A	N/A
Social Sciences & History	50	N/A	N/A	0	N/A	N/A
Spanish Level I	50	SPAN 50	N/A	6	N/A	N/A
Spanish Level II	63	SPAN 51	N/A	9	N/A	N/A
Spanish with Writing I	50	N/A	N/A	6	N/A	N/A
Spanish with Writing II	63	N/A	AH	9	N/A	N/A
Trigonometry	50	N/A	N/A	N/A	N/A	N/A
Western Civilization I	50	HIST 34	SB or AH	3	N/A	N/A
Western Civilization II	50	HIST 35	SB	3	N/A	N/A

International Baccalaureate Examination

International Baccalaureate Examination (IB)	Score	LMC Course Equivalents	LMC Local GE Area	CSU Elective Units for Transfer	Units Elective Units for Transfer Determined by UC Campus	CAL-GETC Area
Biology HL	5,6,7	N/A	NS	6	5.3	5B
Chemistry HL	5,6,7	CHEM 25	NS	6	5.3	5A
Economics HL	5,6,7	ECON 10 + 11	SB	6	5.3	4
Geography HL	5,6,7	N/A	SB	6	5.3	4
History (any region) HL	5,6,7	N/A	SB or AH	6	5.3	3B or 4
Language A: Literature HL	4	N/A	AH	6	N/A	N/A
Language A: Literature HL	5,6,7	N/A	AH	6	5.3	3B
Language B (French) HL	5,6,7	FRENCH 60	N/A	6	5.3	N/A
Language B (Spanish) HL	5,6,7	SPAN 50	N/A	6	5.3	N/A
Mathematics: Analysis and Approaches HL	4	N/A	LR2B	6	N/A	N/A
Mathematics: Analysis and Approaches HL	5,6,7	N/A	LR2B	6	5.3	2
Mathematics: Applications and Interpretation HL	4	N/A	LR2B	6	N/A	N/A
Mathematics: Applications and Interpretation HL	5,6,7	N/A	LR2B	6	5.3	2*
Physics HL	5,6,7	PHYS 15	NS	6	5.3	5A
Psychology HL	5,6,7	PSYCH 11	SB	3	5.3	4
Theatre HL	4	DRAMA 15	AH	6	N/A	N/A
Theatre HL	5,6,7	DRAMA 16	AH	6	5.3	3A

*may not be used at all UC

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, Primary terms (spring and fall) are considered semesters.

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 more than 50% of attempted units.

Notification of Alert and Dismissal

Students on Alert or Dismissal status are notified by the Student Success Center 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 Center 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 (go to www.losmedanos.edu/counseling/workshops.asp)

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 Center (SSC).

Step 5: Meet with a Student Success Center (SSC) 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 Center Coordinator to begin the process for reinstatement (go to www.losmedanos.edu/counseling/workshops.asp).

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 must successfully complete a non-credit Counseling 034N course before registering for classes. In addition, student 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 Center (SSC) counselor by date specified
- Submit Academic Progress Report (APR) by date specified to LMC Student Success Center 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 time frame 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 time frame 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.
4. Other extenuating circumstances that were beyond the student's control 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 may submit copies of supporting documentation with their Appeal to document their extenuating circumstance(s). Examples of appropriate supporting documentation include:

1. Documentation of your academic major change (copy of the major change form) for maximum time frame 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.

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:

- 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 the definitions in Board Policy 3013.
- Directory information shall include:
 - Student name.
 - Student participation in officially recognized sports including weight, height and high school of graduation of athletic team members.
 - Degrees and awards received by students, including honors, athletic awards and Dean's 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 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.
- With respect to students who participated in organized athletics in high school and for whom information is available due to their membership on athletic teams, weight, height and high school of graduation shall be included in the directory. Degrees and awards received by students, including honors, scholarship awards, athletic awards and Dean's List recognition will also be included in the directory.
- 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.

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.
- 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 ni apoya la discriminación basada 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. El acoso ilegal, la discriminación

y la denegación de acceso de cualquier empleado o estudiante con referencia a identificación de grupo étnico, origen nacional, religión, edad, sexo, raza, color de piel, ancestro, orientación sexual, incapacidad física o mental están estrictamente prohibidos. 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 dirigidas al Coordinador de Título IX y Sección 504/ADA del Colegio Los Medanos:

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 notificar al Coordinador de Título IX/Sección 504, Vicepresidenta de Servicios Estudiantiles. La Vicepresidenta proporcionará información acerca de la ley y la póliza del 2001, el procedimiento de Recursos Humanos 1040.07 y los derechos del estudiante sobre cómo documentar la queja de discriminación. Los estudiantes pueden seguir el procedimiento de quejas informal o formal. La Vicepresidenta puede ser localizada 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 del distrito y enviándola al Vicecanciller de Relaciones Humanas del 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 de 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

The District 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. The District Governing Board has delegated responsibility to the Chancellor or designee to administer the following procedure. At the college campuses, the designee will be the Office of Student Life.

The colleges of the District are non-public forums, except for areas designated in this procedure 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 colleges reserve 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.

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 Code of 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, non-verbal, or physical conduct of a sexual nature.
10. Title IX Sexual harassment or Sexual Harassment under Title IX is limited to the following:
 - a. 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;
 - b. 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 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 non-discriminatory 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:
 - a. cheating defined as unauthorized copying or collaboration on a test or assignment, or the use or attempted use of unauthorized materials;
 - b. tampering defined as altering or interfering with evaluation instruments or documents;
 - c. 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;
 - d. lying;
 - e. 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
 - f. 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:
 - a. 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.
 - b. Coercing, forcing, or attempting to coerce or force a person to touch another person's intimate parts without that person's consent.
 - c. 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:
 - a. Prostituting another person.
 - b. Recording images, including video or photograph, or audio of another person's sexual activity, intimate body parts, or nakedness without that person's consent.
 - c. 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.
- d. 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. 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.
 - a. 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).

- b. 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

- A. 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.
- B. 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.
- C. 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.)

A. 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.

B. 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.

- A. 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.
- B. 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.
- C. Investigation.** Upon receiving a report of alleged student misconduct, the President's designee shall initiate an investigation in accordance with Section III(C).
- D. 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.

- E. 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

- F. 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.

- G. Notice To The College President.** The President's designee shall report any disciplinary action imposed to the college President.

- H. 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:
 - a. 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);
 - b. New and significant information, not reasonably available at the time of the initial decision, has become available, and/or;
 - c. 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:
 - a. 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).
 - b. A copy of Student Services Procedure 3027 and Board Policy 3012.
 - c. The date, time, and location of the expulsion hearing.

XI. PROCEDURE FOR APPEAL OF A LONG-TERM SUSPENSION

- A. **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.
- B. **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

- A. 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").
- B. 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.
- C. 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

- A. 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.
- B. 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.
- C. 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.
- D. 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.
- E. Hearings need not be conducted in accordance with strict rules of evidence or formality of a court hearing.

- F.** 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.
- G.** 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.
- H.** 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.
- I.** 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.
- J.** 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.
- K.** 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. 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.

L. 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:

- A.** A summary of factual findings and a determination that the accused student did or did not commit the act(s) charged.
- B.** A finding that the student's act(s) did or did not constitute a violation of the Student Code of Conduct.
- C.** A recommendation for upholding or modifying the proposed discipline. The Hearing Authority may also recommend further investigation.
- D.** 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

- A.** 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.

- B.** 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.
- C.** 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).
- D.** 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.
- E.** 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.
- F.** 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

- A.** 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:
 - a.** Restricted access to District facilities and District events;
 - b.** No-contact orders with specific individuals; or
 - c.** Any other restrictions deemed by the College Disciplinary Officer or Designee to be necessary to achieve the goals stated above.
- B.** An emergency/summary suspension is an immediate suspension imposed upon a student for good cause. (California Education Code Section 66017.)
- C.** 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.
- D.** 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.
- E.** 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.

- A.** 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

A. 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 & 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

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 under 18, 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, car repair assistance, and childcare provided through the LMC Child Study Center.

CalWORKs

(925) 473-7482

The CalWORKs program is a state-funded program that is designed to help students that receive TANF/CalWORKs services to successfully transition from welfare-dependency to long-term self-sufficiency. The CalWORKs team works directly with students to develop educational plans that align with requirements for specified majors and offers a myriad of additional services which includes: 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 successfully enroll, maintain enrollment, complete courses, and focus on career and educational goals. The program promotes students' success through developed strategies that assist students with self-advocacy as they utilize their personal strengths and external resources to achieve successful outcomes.

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 lmchildstudycenter@email.4cd.edu

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

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 tele-health services (TimelyCARE). All services are offered at no-cost to students enrolled at Los Medanos College.

Disabled Students Program & 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 taking alternatives, 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 a 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, school supplies, parking permits, transfer application fee waivers to public and private colleges and universities, academic and personal counseling, peer mentoring, and textbook vouchers.

Financial Aid & Scholarship Program

www.losmedanos.edu/financialaid

(925) 473-7525

www.losmedanos.edu/scholarship

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 (FTP)

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.
- **Federal 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: www.studentaid.gov/h/apply-for-aid/fafsa

Complete the California Dream Act Application (CADAA) online at: www.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 2024-2025 academic year:

Family Size	Base Year Income
1	\$21,870
2	\$29,580
3	\$37,290
4	\$45,000
5	\$52,710
6	\$60,420
7	\$68,130
8	\$75,840

Each Additional Family Member: \$7,710

* 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.

LMC Market Place (Basic Needs)

<https://www.losmedanos.edu/foodpantry>
(925) 473-7411

LMC Marketplace, formerly known as the Food Pantry, was established in the spring of 2017. LMC Marketplace provides students free food and resources, including grocery items, personal care items and clothing items for free at the LMC Marketplace.

The LMC Marketplace is where our Basic Needs Program is located. For additional Basic Needs resources, visit the Basic Needs coordinator in the LMC Marketplace. LMC Marketplace and Basic Needs help all students, whether it's because they forgot their lunch, are waiting for financial aid award, or are saving money for other expenses.

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 LGBTQ+ student club, Pride 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.

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.

Police Services

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 Life

Student Union
www.losmedanos.edu/studentlife
(925)-473-7047

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.

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 18 copies of their postings directly to the Office of Student Life (Student Union Second Floor Reception Desk) or through campus mail to mailbox #19, for approval and posting. Postings will also be forwarded for posting at the Brentwood Center.

Leadership Programs

www.losmedanos.edu/studentlife

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 Monday from 1 - 3PM on the 2nd floor of the Student Union building Pittsburg campus and members of the student government are regularly available for consultation in the Office of Student Life.

Student Clubs & Organizations

www.losmedanos.edu/student-services/clubs

Students are encouraged to organize and participate in clubs that reflect their interests. Each club is chartered through 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/student-services/engage
(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/transfer-career
(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

For students with permanent or temporary disabilities, 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) 473-7755

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) 473-7755 or mstorti@losmedanos.edu.

Bookstore

www.lmcbookstore.net
(925) 439-2056 / (925) 473-7543 / (925) 392-9066

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. To view textbook information related to specific classes, order books and other materials online, visit our website.

The Pittsburg Bookstore is located in the Student Union building. Our address is 2700 E. Leland Road Pittsburg, CA 94565

The Brentwood Bookstore is located in the 400 building next to the Student Commons. Our address is 1351 Pioneer Square Brentwood, CA 94513

Store Hours vary; please visit the bookstore website for current store hours.

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

Online buyback available 24/7 on the bookstore website. Find & add the books you want to sell by searching your ISBN's. Print your packing list & free pre-paid shipping label that will be sent to you as an email link once you finalize your quote. Pack & send your books using the label e-mailed to you. Once your books are received, you will be paid via PayPal or check within 3 weeks. Buyback conducted by a third party, books are not returned to campus.

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.

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.

Peer 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 departments on campus, including the Center for Academic Support, the Math Tutoring Center, the Music Lab, and at the Brentwood Center.

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 Library building include:

- Over 50 computer stations for student and public use
- Children's book collection and reading area
- ESL and Spanish language collections
- 6 group study rooms
- 3 individual study/Zoom pods
- Seating for 200
- WiFi access
- Full-color and black & white printers
- 1 document scanner

Highlights of the Library Learning Center in Brentwood include:

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

Math Tutoring Centers

Pittsburg Math Building, MA-102, & Brentwood 410

www.losmedanos.edu/Groups/Math/web

(925) 473-7662 Pittsburg Campus

(925) 473-6925 Brentwood Center

LMC Math Tutoring Centers, staffed by professors, tutors, and coordinators, are where students get free in-person and online tutoring. We help math learners to complete their coursework, to access additional math resources, and to study in safe, adaptable spaces. We offer large, open tutoring spaces and low-noise areas alongside smaller rooms for study groups. Here math students enjoy access to computers installed with apps used in the most current math courses. Calculators and other technological accessories are available to check-out for homework and exam use, and to improve online accessibility.

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/puente

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
- Specializes in Latinx Curriculum

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 lmexperience.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.

Transfer Academy

www.losmedanos.edu/trasferacademy
(925) 473-7444

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

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

Veterans Resource Center

College Complex, CC-821
www.losmedanos.edu/veterans
(925) 473-7511

The Veterans Resource Center (VRC) opened in April 2016 and provides an evolving array of services and supports for our military-connected students. VRC's current staffing includes a Program Coordinator, a part-time Program Assistant, Academic Counselors, and School Certifying Officials. We offer technical assistance with college application and onboarding, Veteran priority registration, state (CalVet) and federal education benefits (Department of Veterans Affairs "VA"), and on and off-campus partners. In addition, we provide academic counseling; computers, printer, and self-serve scanner; a lending library of textbooks, scientific calculators, and laptops; school supplies and testing materials; a semester-length parking permit; beverages and snacks; open and private study areas; a dedicated conference room; graduation regalia; and a relaxing atmosphere and lounge. The VRC is also home to military-connected club(s).

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

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.



2

Section

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.

Changes to Transfer General Education

As a result of AB928, California Community Colleges are transitioning to a single general education pattern for transfer, called the California General Education for Transfer Curriculum (Cal GETC).

See more information regarding who will be following Cal GETC for their transfer general education. If you have questions about which general education model to follow, contact LMC's Counseling Department.

Cal-GETC applies to the following:

- New students enrolling Fall 2025 and forward
- Students coming from UC or other institutions without Title 5 catalog rights
- Students who are continuously enrolled prior to Fall 2025, but elect to follow Cal-GETC

Cal-GETC is NOT required for:

- Students with continuous enrollment prior to Fall 2025
- Students who have already completed ADT with CSU-GE or IGETC

Transfer to 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 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.

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 Cal-GETC certification. Students must follow the Cal-GETC pattern in effect when they petition for certification. Courses used for Cal-GETC 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.

Certificate of Achievement Requirements

To qualify for a Certificate of Achievement a student shall complete at least 25% of the required units at the college where the certificate is awarded. 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.

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

§ 55060. Philosophy and Criteria for the Associate Degree and General Education

The Associate Degree provides a framework within which students complete patterns of learning experiences designed to develop capabilities and insights to support their academic and career goals. Among these capabilities and insights are competencies that are germane to all aspects of higher education and comprise a "general education" curriculum, such as the ability to think critically and to communicate clearly and effectively both orally and in writing, to use quantitative reasoning, understand the modes of inquiry of the major disciplines, to be aware of other cultures and times, to achieve insights gained through experience in thinking about ethical problems, and to develop the capacity for self-understanding. Furthermore, general education introduces students to the variety of means through which people comprehend the modern world. It reflects the conviction of colleges that those who receive their degrees must have mastered principles, concepts, and methodologies both unique to and shared by the various disciplines. A general education program should create coherence and integration among the separate requirements and involve students actively in examining values inherent in proposed solutions to major social problems. 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.

GE SLO 7: Ethnic Studies

At the completion of the LMC GE program, a student will be able to analyze the effects of race, racism, and white supremacy as it impacts the local state, national, and global power dynamics and understand the contributions of Black, Native American/ Indigenous, Chicanx, Latinx, Asian American, Pacific Islander, or another community of color that dismantles racist structures.

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.

LMC Programs of Study

PROGRAMS OF STUDY	Noncredit Certificates	College Skills Certificate	Certificate of Achievement	Associate Degree
Administration of Justice		•	AS-T*	
Basic Law Enforcement Academy Intensive		•		
Criminal Investigations		•		
Criminal Law		•		
Anthropology			AA-T*	
Art				
3D Design		•		
Art History			AA-T*	
Fine Arts			AA	
Graphic Communications		•	AA	
Photography		•		
Studio Arts			AA-T*	
Automotive Technology		•	AS	
Air Conditioning Specialist	•			
Chassis Specialist	•			
Automotive Diesel Specialist	•			
Automotive Certificate of General Maintenance	•			
Advanced Performance Engine Builder	•			
Powertrain Specialist	•			
Smog Technician Specialist	•			
Transmission Specialist	•			
Automotive Maintenance, Detailing and Surface Enhancement	•			
Biology			AS-T*	
Business				
Accounting		•	AS	
Business Administration 2.0			AS-T*	
Small Business Operations		•	AS	
Chemistry			AS-T*	
Communication Studies 2.0			AA-T*	
Computer Science			AS-T*	
Computer Applications Support Specialist			AS	
Computer Applications Support Specialist (Advanced)		•		
Computer Applications Support Specialist (Basic)		•		
Foundation	•			
Game Design	•			
Information Technology			AS	
Information Technology (Advanced)		•		
Information Technology (Basic)		•		
Web Design	•			
Construction				
Construction Pre-Apprenticeship	•			

See the Los Medanos College Catalog for information on LMC program requirements.

*Degrees designed especially for those who plan to transfer to a California State University (CSU) campus.

LMC Programs of Study

PROGRAMS OF STUDY	Noncredit Certificates	College Skills Certificate	Certificate of Achievement	Associate Degree
Counseling				
College and Career Preparation	•			
Drama				
Acting				AA
Theatre Arts				AA-T*
Early Childhood Education				
Assistant Teacher Permit Coursework		•		
Associate Teacher Permit Coursework		•		
Early Childhood Education			•	AS-T*
Early Childhood Education Master Teacher			•	AS
Early Childhood Education Site Supervisor			•	AS
Administration and Leadership Early Childhood Programs		•		
Specialization - Curriculum in Early Childhood Education		•		
Specialization - Infant Toddler Care		•		
Specialization - Special Needs Early Care and Education		•		
Trauma Informed Practitioner		•		
Electrical/Instrumentation Technology				
Electrical Technology			•	AS
Instrumentation Technology			•	AS
Transit Electrical Technology			•	
Emergency Medical Services		•		
EMS Recertification		•		
Engineering				AS
English				AA-T*
Creative Writing			•	
Hip-Hop Studies			•	
English as a Second Language				
Advanced English for Academic & Professional Advancement	•	•		
Basic Vocabulary & Reading	•	•		
College ESL Success	•			
Essential Pronunciation & Conversation	•	•		
Foundational Grammar for General Communication	•	•		
Fundamental Writing Skills	•	•		
Intermediate English for College & Career Success	•	•		
Ethnic Studies				AA
Fire Technology			•	AS
Basic Fire Academy		•	•	
Fire Prevention		•		
Fire Protection		•		
History				AA-T*
Humanities				AA

See the Los Medanos College Catalog for information on LMC program requirements.

*Degrees designed especially for those who plan to transfer to a California State University (CSU) campus.

LMC Programs of Study

PROGRAMS OF STUDY	Noncredit Certificates	College Skills Certificate	Certificate of Achievement	Associate Degree
Journalism				AA/AA-T*
Kinesiology				AA-T*
Liberal Arts				
Arts and Humanities				AA
Behavioral Science and Social Science				AA
Math and Science				AA
Management and Supervision			•	AS
Mathematics				AS-T*
Music				AA/AA-T*
Nursing				
Registered				AS
Vocational			•	
Philosophy				AA-T*
Physics				AS-T*
Political Science				AA-T*
Law, Public Policy & Society				AS-T*
Process Technology			•	AS
Bridge to Advanced Manufacturing		•		
Psychology				AA-T*
Recording Arts			•	AA
Recording Arts Level 1		•		
Recording Arts Level 2		•		
Social Justice Studies				
African American Studies				AA-T*
Chicano/a Studies				AA-T*
LGBTQ Studies				AA-T*
Sociology				AA-T*
Transfer Studies				
Cal-GETC			•	
UAS/Drone Operations				
Basic Drone Piloting	•			
Welding Technology			•	AS
World Languages				
American Sign Language			•	AA
Spanish			•	AA-T*

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 General Education Transfer Curriculum (Cal-GETC) 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 must complete:

1. The specific major area of emphasis requirements with a grade of C or better,
2. Cal-GETC requirements, with a C or better,
3. 60 transferable units with a cumulative GPA of 2.0 or higher,
4. 12 units in residency (completed at LMC).

Note: Students who plan to transfer to a CSU and/or receive an Associate Degree for Transfer (ADT) are required to complete an Oral Communication course (CalGETC Area 1C) as part of their GE units.

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:
 - a. California General Education Transfer Curriculum (Cal-GETC) requirements.
 - b. LMC Local General Education Pattern

Certificates at LMC

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 and 25% of the required courses 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 Requirements 25-26

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 24 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 24 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.

Area 1: English Composition, Oral Communication and Critical Thinking

6 units (minimum)

Complete two course.

1A: English Composition

Complete one course:
ENGL-C1000, C100E;

1B: Oral Communication and Critical Thinking

Complete one course:
BUS-059; ENGL-230, C1001; PHIL-110, 210; COMM-C1000, COMM-120

Area 2: Mathematical Concepts and Quantitative Reasoning

3 units (minimum)

Complete one course

ETEC-009*, PTEC-009*; MATH-120, 125, 140, 155;

STAT-C1000; or higher

Area 3: Arts and Humanities

3 units (minimum)

Complete one course

ART-004, 005, 006, 007, 008, 009, 016, 017, 018, 019, 032, 033, 034, 035

COMM- 130, 180, C1000

ENGL-111, 113, 114, 115, 120, 121, 122, 124, 127, 128, 129, 130, 133, 144, 146, 180, 240, 245, C1001

FRNCH-060, 061

HIST- 056, 057, 060

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

SIGN-051, 052, 053

SOCIO-016

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

Associate Degree Requirements 25-26

Area 4: Social and Behavioral Sciences

3 units (minimum)

Complete one course

ADJUS-110, 160, 220	HIST-029, 030, 031, 034, 035, 037, 038, 039, 040, 047, 052, 054,
ANTHR-001, 004, 005, 006, 008	055, 056, 057, 060, 061, 062, 065, 066
CHDEV-010, 020	HUMAN-019, 020, 021
COMM-120, 180	POLSC-033, 040, 043, 050, 109, 160
ECE-010, 020	POLS-C1000
ECON-005, 010, 011	PSYCH-010, 014, 017
EDUC-100	PSYC-C1000
ENGL-124, 128, 136, 150	SOCIO-012, 015, 016, 017
	SJS-110, 135, 136, 150

Area 5: Natural Sciences

3 units (minimum)

Complete one course

ASTRO-010, 011	PHYS-015, 035, 036, 037, 038, 040, 041, 042
CHEM-006, 007, 010, 011, 025, 026, 028, 029	PHYSC-005
BIOSC-007, 008, 010, 020, 021, 030, 040, 045, 050	PTEC-015
ENGIN-010*	RNURS-036*

Area 6: Ethnic Studies

3 units (minimum)

Complete one course

ETHN-045, 101, 102, 103, 110, 111, 112, 113, 120, 121, 122, 123

Area 7: Diverse Perspectives

3 units (minimum)

Complete one course

ART-009, 032, 033	HIST-029, 030, 037, 047, 052, 054, 055, 056, 057, 060, 061, 062, 065, 066
ADJUS-160	HUMAN-019, 020, 021
DRAMA-015, 030	MUSIC-010
CHDEV-050	SIGN-051
COMM-150	SJS-110, 135, 136, 150
ECE-050	SOCIO-016
ENGL-120, 124, 127, 128, 129, 133, 135, 136, 144, 145, 150, 245	

Total Units

24 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.

Cal-GETC: California General Education Transfer Curriculum 2025-2026

REQUIREMENTS FOR STUDENTS TRANSFERRING TO CSU OR UC

Completion of the California General Education Transfer Curriculum (Cal-GETC) will permit a student to transfer from a California Community College (CCC) to a California State University (CSU) campus or program, or to a University of California (UC) campus or program without the need, after transfer, to take additional lower-division, general education courses to satisfy campus general education requirements. A minimum "C" grade is required in each college course for Cal-GETC. Note: Students transferring to a CSU who have Cal-GETC certified as complete will still need to complete 9 semester units of upper-division general education (GE) after transfer and may also be held to other campus specific graduation requirements outside of general education and major coursework. Students are strongly encouraged to meet with an LMC Counselor.

AREA 1	ENGLISH COMMUNICATION <i>Three courses: one English Composition, one Critical Thinking and Composition, and one Oral Communication. 9 semester units</i>		
1A: English Composition <i>One course: 3 semester units</i>			
ENGL-C1000 Academic Reading and Writing		ENGL-C1000E Academic Reading and Writing <i>Note: Only 3 of the 4 units are UC transferrable</i>	
1B: Critical Thinking and Composition <i>One course: 3 semester units</i>			
ENGL-C1001 Critical Thinking and Writing ENGL-230 Thinking and Writing Critically about Literature		PHIL-110 Critical Thinking and Composition	
1C: Oral Communication <i>One course: 3 semester units</i>			
COMM-C1000 Introduction to Public Speaking		COMM-130 Interpersonal Communication	
AREA 2	MATHEMATICAL CONCEPTS AND QUANTITATIVE REASONING <i>One course: 3 semester units</i>		
STAT-C1000 Introduction to Statistics MATH-140 Applied Calculus MATH-155 Precalculus MATH-160 Discrete Math MATH-210 Calculus and Analytic Geometry I		MATH-230 Calculus and Analytic Geometry III MATH-240 Differential Equations MATH-250 Linear Algebra MATH-220 Calculus and Analytic Geometry II	
AREA 3	ARTS AND HUMANITIES <i>Two courses: one Arts and one Humanities. 6 semester units</i>		
3A: Arts <i>One course: 3 semester units</i>			
ART-005 The Visual Arts ART-006 Ancient Art History (to 350 CE) ART-007 Medieval and Renaissance Art History (350 to 1550 CE) ART-008 Early Modern Art History (1550 to 1920 CE) ART-009 Late Modern and Contemporary Art History (1920 CE-Present) ART-016 Asian Art History ART-019 History of Photography ART-032 Architectural History I: The World Before 1500CE ART-033 Architectural History II: The World After 1500CE		ART-034 Islamic Art History DRAMA-015 Multicultural Perspectives within Theatre DRAMA-016 Theatre Appreciation DRAMA-070 Film as an International Art Form HUMAN-040 Opera: The Human Experience in Music, Voice and Drama HUMAN-060 The Great American Musical: Broadway American Culture MUSIC-010 Music Literature MUSIC-012 Popular Music in American Culture MUSIC-015 Basic Music MUSIC-017 Music Theory II: Tonal Harmony	
3B: Humanities <i>One course: 3 semester units</i>			
ART-017 American Art History ART-018 Pre-Colonial Americas Art History ART-019 History of Photography ART-035 Themes in Mesoamerican Culture through Ceramics DRAMA-030 Chicano/a Mexican American Cinema: A Critical Analysis ENGL-120 Introduction to Latino Literature and Its Latin American Roots ENGL-121 Introduction to Chicano Literature ENGL-122 California Literature ENGL-124 Children's Literature ENGL-127 The Mythology and Literature of Ethnic Americans ENGL-128 Introduction to Asian American Literature ENGL-129 Introduction to Contemporary African-American Literature ENGL-130 Mystery and Detective Literature ENGL-132 Myth, Fantasy, and Science Fiction ENGL-133 Race, Ethnicity and Gender in Popular Fiction and Film ENGL-144 Hip Hop as Lit ENGL-146 Hip Hop Queens ENGL-150 Lesbian, Gay, Bisexual, Transgender and Queer Literature ENGL-180 An Introduction to Shakespeare ENGL-230 Thinking and Writing Critically about Literature ENGL-240 Survey of World Literature I: Antiquity to Mid-17th Century ENGL-245 Survey of World Literature II: Mid-17th Century to Present FRNCH-061 Elementary French II HIST-031 California History HIST-034 History of Western Civilization to the Renaissance HIST-035 History of Western Civilization since the Renaissance HIST-037 History of Race and Ethnicity in the United States HIST-038 Contemporary U.S. History HIST-039 World History to 1500 HIST-040 World History Since 1500 HIST-047 History of Native Americans HIST-052 Mexican American History HIST-054 LGBTQ American History HIST-056 History of American Women to 1877		HIST-057 History of American Women since 1877 HIST-060 History of African-Americans to 1865 HIST-061 History of African-Americans since 1865 HIST-062 Global History of Slavery HIST-065 History of African Civilizations to 1800 HIST-066 History of African Civilizations since 1800 HUMAN-019 Ancient Humanities HUMAN-020 Medieval and Renaissance Humanities HUMAN-021 Early Modern Humanities HUMAN-022 American Humanities HUMAN-023 Late Modern and Contemporary Humanities HUMAN-024 Shakespeare's English Kings HUMAN-030 Modernist Paris: Artists and Intellectuals HUMAN-035 Themes in Mesoamerican Culture through Ceramics HUMAN-050 Hip Hop Culture: An American Phenomenon ITAL-061 Elementary Italian II MUSIC-012 Popular Music in American Culture PHIL-100 Introduction to Philosophy PHIL-120 Introduction to Ethics PHIL-122 Contemporary Moral Issues PHIL-130 History of Ancient Philosophy PHIL-132 History of Modern Philosophy PHIL-133 Philosophy of Political Theory and Thought PHIL-140 Philosophy of Religion PHIL-150 Philosophy through Film and Literature PHIL-151 Philosophy of the Arts POLSC-033 Philosophy of Political Theory and Thought SIGN-051 Elementary American Sign Language II SIGN-052 American Sign Language III SPAN-051 Elementary Spanish II SPAN-052 Intermediate Spanish I SPAN-053 Intermediate Spanish II SPAN-057 Spanish for Spanish Speakers I	

AREA 4 SOCIAL AND BEHAVIORAL SCIENCES*Two courses: two academic disciplines. 6 semester units*

ADJUS-110	Introduction to the Criminal Justice System	HIST-052	Mexican American History
ANTHR-004	Introduction to Archaeology	HIST-054	LGBTQ American History
ANTHR-005	General Anthropology	HIST-055	History of Sexuality in North America
ANTHR-006	Cultural Anthropology	HIST-056	History of American Women to 1877
ANTHR-008	Introduction to Anthropological Linguistics	HIST-057	History of American Women since 1877
CHDEV-010	Child Growth and Development	HIST-060	History of African-Americans to 1865
CHDEV-020	Child, Family and Community	HIST-061	History of African-Americans since 1865
COMM-130	Interpersonal Communication	HIST-062	Global History of Slavery
COMM-150	Intercultural Communication	HIST-065	History of African Civilizations to 1800
ECE-010	Child Growth and Development	HIST-066	History of African Civilizations since 1800
ECE-020	Child, Family and Community	JOURN-100	Mass Communication
ECON-005	Economic History of the United States	KINES-210	Introduction to Public Health
ECON-010	Principles of Microeconomics	PHIL-133	Philosophy of Political Theory and Thought
ECON-011	Principles of Macroeconomics	POLS-C1000	American Government and Politics
ENGL-135	Introduction to LGBTQ+ Studies	POLSC-033	Philosophy of Political Theory and Thought
ENGL-136	Introduction to Gender Studies	POLSC-040	Introduction to California State and Local Politics
ETHN-045	Introduction to Black Studies	POLSC-043	International Relations
ETHN-101	Introduction to Ethnic Studies	POLSC-050	Introduction to Comparative Politics
ETHN-102	Critical Thinking in Ethnic Studies	POLSC-109	Introduction to Constitutional Law: Your Liberties and Rights
ETHN-103	Racial and Ethnic Justice Movements	POLSC-160	Introduction to Law, Public Policy and Society
ETHN-110	Introduction to Native American/Indigenous Studies	PSYCH-010	Individual and Social Processes
HIST-029	United States History until 1865	PSYC-C1000	Introduction to Psychology
HIST-030	United States History from 1865	PSYCH-014	The Psychology of Human Sexuality
HIST-031	California History	PSYCH-017	Introduction to Research Methods In Psychology
HIST-034	History of Western Civilization to the Renaissance	SJS-110	Introduction to Social Justice Studies
HIST-035	History of Western Civilization since the Renaissance	SJS-135	Introduction to LGBTQ+ Studies
HIST-037	History of Race and Ethnicity in the United States	SJS-136	Introduction to Gender Studies
HIST-038	Contemporary U.S. History	SJS-150	Introduction to Race & Ethnicity
HIST-039	World History to 1500	SOCIO-012	Introduction to Marriage and Family
HIST-040	World History Since 1500	SOCIO-015	Introduction to Sociology
HIST-047	History of Native Americans	SOCIO-016	Introduction to Social Problems
		SOCIO-017	Introduction to Research Methods

AREA 5 PHYSICAL AND BIOLOGICAL SCIENCES*One course from each 5A and 5B subject area. One of the two courses must include a laboratory. 9 semester units***5A: Physical Science**

ASTRO-010	Introduction to Astronomy	PHYS-035	College Physics I
CHEM-006	Introduction to Inorganic and Physical Chemistry	PHYS-036	College Physics II
CHEM-007	Introduction to General, Organic and Biochemistry	PHYS-040	Physics for Scientists and Engineers I
CHEM-025	General College Chemistry I	PHYS-041	Physics for Scientists and Engineers II
CHEM-026	General College Chemistry II	PHYS-042	Physics for Scientists and Engineers III
CHEM-028	Organic Chemistry I	PHYSC-005	General Physical Science
CHEM-029	Organic Chemistry II		

5B: Biological Science

ANTHR-001	Biological Anthropology	BIOSC-021	Principles of Biology: Organismal
BIOSC-007	Ecology and the Environment	BIOSC-030	Introduction to Anatomy and Physiology
BIOSC-008	Human Biology	BIOSC-040	Human Anatomy
BIOSC-010	General Biology	BIOSC-045	Human Physiology
BIOSC-020	Principles of Biology: Cell and Molecular	BIOSC-050	Microbiology

5C: Laboratory

ASTRO-011	Astronomy Laboratory	CHEM-007	Introduction to General, Organic and Biochemistry
BIOSC-008	Human Biology	CHEM-025	General College Chemistry I
BIOSC-010	General Biology	CHEM-026	General College Chemistry II
BIOSC-020	Principles of Biology: Cell and Molecular	CHEM-028	Organic Chemistry I
BIOSC-021	Principles of Biology: Organismal	CHEM-029	Organic Chemistry II
BIOSC-040	Human Anatomy	PHYS-035	College Physics I
BIOSC-045	Human Physiology	PHYS-036	College Physics II
BIOSC-050	Microbiology	PHYS-040	Physics for Scientists and Engineers I
CHEM-006	Introduction to Inorganic and Physical Chemistry	PHYS-041	Physics for Scientists and Engineers II
		PHYS-042	Physics for Scientists and Engineers III

AREA 6 ETHNIC STUDIES*One course: 3 semester units - One course in Ethnic Studies or in a similar field provided that the course is cross-listed with Ethnic Studies*

ETHN-101	Introduction to Ethnic Studies	ETHN-045	Introduction to Black Studies
ETHN-102	Critical Thinking in Ethnic Studies	ETHN-110	Introduction to Native American/Indigenous Studies
ETHN-103	Racial and Ethnic Justice Movements		

Graduation Requirement for Students Transferring to a CSU:**U.S. History, Constitution and American Ideals***Students can meet this requirement in two ways:*

- 1) **POLS-C1000** 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, HIST-030, HIST-037, HIST-047, HIST-052, HIST-054, HIST-056, HIST-057, HIST-060, HIST-061.

Graduation Requirement for Students Transferring to a UC:**Languages Other Than English (LOTE)***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



3

Section

Program
Requirements,
Courses and
Learning Outcomes

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.

California General Education Transfer Curriculum (Cal-GETC): Courses identified with the Cal-GETC 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 for Associate Degrees for Transfer, and 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.

Common Course Numbering

As a result of AB 1111, California Community Colleges are in Phase 1 of 3 in adopting a common course numbering system for all general education and transfer pathway courses. The purpose of the Common Course Numbering (CCN) system is to ensure that comparable courses across all community colleges have the same course number. The goal is to streamline the transfer process from California Community Colleges to four-year postsecondary educational institutions and reduce excess credit accumulation.

The content of courses do not change when aligning with the Common Course Numbering system, and students who have taken the course with its previous name do not need to take it again.

Courses with CCN numbering will include a "C" in the course number. For example, "ENGL-C1000."

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

Reading Course Descriptions

If no prerequisite is noted, none is required; and any student may enroll in the course.

Course Title

Course ID

Semester class hours lecture

Semester class hours laboratory

Units of credit

Prerequisite

Mastery of subject at a certain level is necessary for success in this class.

Advisories

Certain preparation is advised before students enter the course.

Co-requisite

Concurrent (simultaneous) enrollment in or prior successful completion of a companion course and/or lab is required.

Degree Applicability

DA-Applies toward the completion of requirements for an associate degree;

NDA-Cannot be applied to units required for an associate degree.

Transfer

Course carries transfer credit to CSU and/or UC, but some restrictions may apply

Repeatability

Grading

BIOSC-020

Principles of Biology: Cellular Processes

54 total hours lecture, 108 total hours lab
5 Units

PREREQUISITE: MATH-029, MATH-030 or equivalent

ADVISORY: BIOSC-010, High school biology, chemistry

This is an integrated study of the fundamental concepts of biology. Using laboratory methods and techniques, the principles and laws underlying life's processes are addressed on the molecular and cellular levels. An interdisciplinary approach will be used to treat cytology, biochemical cycles, proteomics, genomics, reproduction, and embryonic development. 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. May not be repeated. LR

LMC: DA

TRANSFER: UC; CSU; Cal-GETC Area 5B

ENGIN-022

Programming with MATLAB for Engineers and Scientists

54 total hours lecture, 54 total hours lab
4 Units

CO-REQUISITE: MATH-060

ADVISORY: Eligibility for ENGL-100

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. May not be repeated. LR

LMC: DA

TRANSFER: UC, CSU

Academic and Career Success

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 DESCRIPTIONS

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

54 total hours lecture
3 Units

ADVISORY: *Eligibility for ENGL-C1000*

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. May not be repeated. LR

LMC: DA

TRANSFER: UC; CSU

Administration of Justice

DEGREE–Associate in Science for Transfer

Administration of Justice

CERTIFICATES OF ACHIEVEMENT

Administration of Justice

Basic Law Enforcement Intensive

Criminal Investigations

Criminal Law

ASSOCIATE IN SCIENCE

ADMINISTRATION OF JUSTICE ASSOCIATE OF SCIENCE DEGREE FOR TRANSFER (AS-T)

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 two to three years by a full-time student.

To earn the Associate Degree for Transfer:

- Completion of 60 semester units or 90 quarter units of degree-applicable courses,
- Minimum overall grade point average of 2.0,
- Minimum grade of "C" (or "P") for each course in the major, and
- Completion of California General Education Transfer Curriculum (Cal-GETC)

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

REQUIRED CORE COURSES (6 UNITS TOTAL):		UNITS
ADJUS-110	Introduction to Criminal Justice	3
ADJUS-120	Concepts of Criminal law	3

LIST A - CHOOSE ANY TWO OF THE FOLLOWING COURSES (6 UNITS TOTAL):		UNITS
ADJUS-122	Criminal Trial Process	3
ADJUS-124	Legal Aspects of Evidence	3
ADJUS-140	Introduction to Criminal Investigation System	3
ADJUS-160	Community & the Justice System	3
ADJUS-200	Introduction to Corrections	3
ADJUS-220	Juvenile Procedures	3

LIST B - SELECT TWO OF THE FOLLOWING OR ANY COURSE FROM LIST A NOT ALREADY USED: (MINIMUM 6 UNITS TOTAL):		UNITS
SOCIO-015	Introduction to Sociology	3
STAT-C1000	Introduction to Statistics	4
PSYC-C1000	Introduction to Psychology	3

TOTAL UNITS FOR THE MAJOR: **18-19**

TOTAL UNITS FOR THE DEGREE: **60**

Program Student 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.

CERTIFICATES OF ACHIEVEMENT

ADMINISTRATION OF JUSTICE

Certificate of Achievement in Administration of Justice

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.

REQUIRED COURSE:		UNITS
ADJUS-110	Introduction to Criminal Justice	3
ADJUS-120	Concepts of Criminal Law	3
ADJUS-122	Criminal Trial Process	3
ADJUS-140	Introduction to Criminal Investigation System	3
ADJUS-160	Community & the Justice System	3
ADJUS-220	Juvenile Procedure	3
TOTAL UNITS FOR THIS CERTIFICATE:		18

Program Student 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.

Certificate of Achievement in Basic Law Enforcement Academy – Intensive

Certificate of Achievement in Basic Law Enforcement Academy – Intensive is a 25-unit program 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. 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.

REQUIRED COURSE:		UNITS
ADJUS-005	Basic Law Enforcement Academy	25
TOTAL UNITS FOR THIS CERTIFICATE:		25

Program Student Learning Outcomes

1. Be academically prepared to obtain an entry-level or mid level 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.

Certificate of Achievement in Criminal Investigations

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 Certificates of Achievement in Criminal Investigations and in Criminal Law may be completed in two semesters each by a full-time student.

REQUIRED COURSES:		UNITS
ADJUS-110	Introduction to Criminal Justice System	3
ADJUS-120	Concepts of Criminal Law	3
ADJUS-124	Legal Aspects of Evidence	3
ADJUS-140	Introduction to Criminal Investigation System	3
ART-072	Introduction to Digital Photography	3
TOTAL UNITS FOR THIS CERTIFICATE:		15

Program Student 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.

Certificate of Achievement in Criminal Law

REQUIRED COURSES:		UNITS
ADJUS-110	Introduction to Criminal Justice System	3
ADJUS-120	Concepts of Criminal Law	3
ADJUS-122	Criminal Trial Process	3
ADJUS-160	Community & the Justice System	3
ADJUS-220	Juvenile Procedures	3
TOTAL UNITS FOR THIS CERTIFICATE:		15

Program Student 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

COURSE DESCRIPTIONS

ADJUS-005 Basic Law Enforcement Academy

162 total hours lecture, 858 total hours lab
25 units

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: ENGL-C1000

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. Mandatory materials fee of \$4,385 is due on first day of instruction. May not be repeated. LR

LMC: DA

TRANSFER: CSU

ADJUS-098 Independent Study in Administration of Justice

.5-3 Units

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. SC

LMC: Independent study courses may be DA or transferable depending on specific course. See your counselor.

TRANSFER: Independent study courses may be DA or transferable depending on specific course. See your counselor.

ADJUS-110 Introduction to the Criminal Justice System

54 total hours lecture

3 Units

ADVISORY: ENGL-C1000

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. May not be repeated. SC

LMC: ADR: Social and Behavioral Sciences; DA**TRANSFER:** UC; CSU; Cal-GETC Area 4; C-ID AJ 110**ADJUS-120 Concepts of Criminal Law**

54 total hours lecture

3 Units

PREREQUISITE: ADJUS-110**ADVISORY:** ENGL-C1000

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. May not be repeated. SC

LMC: DA**TRANSFER:** UC; CSU; C-ID AJ 120**ADJUS-122 Criminal Trial Process**

54 total hours lecture

3 Units

PREREQUISITE: ADJUS-110**ADVISORY:** ENGL-C1000

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. May not be repeated. SC

LMC: DA**TRANSFER:** CSU; C-ID AJ 122**ADJUS-124 Legal Aspects of Evidence**

54 total hours lecture

3 Units

PREREQUISITE: ADJUS-110**ADVISORY:** ENGL-C1000

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. May not be repeated. SC

LMC: DA**TRANSFER:** CSU; C-ID AJ 124**ADJUS-140 Introduction to Criminal Investigation System**

54 total hours lecture

3 Units

PREREQUISITE: ADJUS-110**ADVISORY:** ENGL-C1000, ART-072

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. May not be repeated. SC

LMC: DA**TRANSFER:** CSU; C-ID AJ 140**ADJUS-160 Community & the Justice System**

54 total hours lecture

3 Units

ADVISORY: ADJUS-110; ENGL-C1000

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. May not be repeated. SC

LMC: ADR: Diverse Perspectives; Social and Behavioral Sciences; DA**TRANSFER:** UC; CSU; C-ID AJ 160

ADJUS-170 Work Experience Education in Administration of Justice

54-216 total hours

1-4 Units

PREREQUISITE: *In order to enroll in a Work Experience Education course, students must be employed, register for the course, complete an online Work Experience Education Application, and participate in a Work Experience Education orientation. Students may earn one unit for 54 hours work per enrollment period. Does not meet requirements for veterans' benefits. Work Experience Education Application can be accessed at <https://www.losmedanos.edu/cwee/>. Students may earn up to 14 units of Work Experience Education per enrollment period.*

The purpose of work experience education is to provide students with an integrated instructional program that provides opportunities to connect academic curricula to applied experiential learning in the workplace. Work experience education assists the student in developing career awareness, learning industry culture, competencies and norms, and developing professional networks in their desired field to support career mobility. To participate in work experience education, students must be employed and undertake new or expanded responsibilities. Students, with faculty and employer approval, will develop and successfully complete learning objective(s). Each learning objective must be substantive in nature and linked in a way relevant to a student's educational pathway. See Work Experience Education website and student handbook for more information regarding variable unit registration based on hours worked. Work Experience education courses may be repeated subject to Title 5 Section 55040. SC

LMC: DA

TRANSFER: CSU

ADJUS-180 Work Experience Internship in Administration of Justice

54-216 total hours

1-4 Units

PREREQUISITE: *In order to enroll in a Work Experience Education course, students must be employed, register for the course, complete an online Work Experience Education Application, and participate in a Work Experience Education orientation. Students may earn one unit for 54 hours worked per enrollment period. Does not meet requirements for veterans' benefits. Work Experience Education Application can be accessed at <https://www.losmedanos.edu/cwee/>. Students may earn up to 14 units of Work Experience*

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. The purpose of work experience education is to provide students with an integrated instructional program that provides opportunities to connect academic curricula to applied experiential learning in the workplace. Work experience education assists the student in developing career awareness, learning industry culture, competencies and norms, and developing professional networks in their desired field to support career mobility. To participate in work experience education, students

must be employed and undertake new or expanded responsibilities. Students, with faculty and employer approval, will develop and successfully complete learning objective(s). Each learning objective must be substantive in nature and linked in a way relevant to a student's educational pathway. See Work Experience Education website and student handbook for more information regarding variable unit registration based on hours worked. Work experience education courses may be repeated subject to Title 5 section 55040 SC

LMC: DA

TRANSFER: CSU

ADJUS-200 Introduction to Corrections

54 total hours lecture

3 Units

PREREQUISITE: ADJUS-110

ADVISORY: ENGL-C1000

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. May not be repeated. SC

LMC: DA

TRANSFER: CSU; C-ID AJ 200

ADJUS-220 Juvenile Procedures

54 total hours lecture

3 Units

ADVISORY: ADJUS-110; ENGL-C1000

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. May not be repeated. SC

LMC: ADR: Social and Behavioral Sciences; DA

TRANSFER: CSU; C-ID AJ 220

Anthropology

DEGREE—Associate in Arts for Transfer
Anthropology

ASSOCIATE IN ARTS ANTHROPOLOGY FOR TRANSFER DEGREE

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 historically 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, and 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:

- Completion of 60 semester units or 90 quarter units of degree-applicable courses,
- Minimum overall grade point average of 2.0,
- Minimum grade of "C" (or "P") for each course in the major, and
- Completion of California General Education Transfer Curriculum (Cal-GETC)

REQUIRED CORE COURSES (9 UNITS TOTAL):

ANTHR-001	Biological Anthropology	3
ANTHR-004	Introduction to Archaeology	3
ANTHR-006	Cultural Anthropology	3
TOTAL UNITS		9

LIST A – SELECT ONE COURSE:

ANTHR-008	Introduction to Anthropological Linguistics	3
STAT-C1000	Introduction to Statistics	4

LIST B – SELECT ONE TO TWO COURSES:

One course from List A not already used		3-4
PSYCH-017	Introduction to Research Methods in Psychology	3
or		
SOCIO-017	Introduction to Research Methods	3
TOTAL UNITS		3-6

LIST C – SELECT ONE COURSE OR ONE COURSE FROM LIST A OR LIST B NOT ALREADY USED:

SOCIO-015	Introduction to Sociology	3
HIST-047	History and Cultures of Native Americans in North America (1830 to Present)	3
COMM-150	Intercultural Communication	3
TOTAL UNITS IN THE MAJOR		18-19

TOTAL UNITS FOR THE DEGREE 60

Program Level Student 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.

COURSE DESCRIPTIONS**ANTHR-001 Biological Anthropology**

54 total hours lecture

3 Units

ADVISORY: ENGL-C1000

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; 15) 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. May not be repeated. LR

LMC: ADR: Social and Behavior Science; DA**TRANSFER:** UC; CSU; Cal-GETC Area 5B; CID Anthr 110**ANTHR-004 Introduction to Archaeology**

54 total hours lecture

3 Units

ADVISORY: ENGL-C1000

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 data interpretation of human origins, the reconstruction of human behavior, and the emergence of cultural, identity, and human existence. May not be repeated.

SC

LMC: ADR: Social and Behavioral Sciences; DA**TRANSFER:** UC; CSU; Cal-GETC Area 4; C-ID ANTHR 150**ANTHR-005 General Anthropology**

54 total hours lecture

3 Units

ADVISORY: ENGL-C1000

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. May not be repeated. SC

LMC: ADR: Social and Behavioral Sciences; DA**TRANSFER:** UC; CSU; Cal-GETC Area 4**ANTHR-006 Cultural Anthropology**

54 total hours lecture

3 Units

ADVISORY: ENGL-C1000

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. May not be repeated. SC

LMC: ADR: Social and Behavioral Sciences; DA**TRANSFER:** UC; CSU; Cal-GETC Area 4; C-ID ANTHR 120

ANTHR-008 Introduction to Anthropological Linguistics

54 total hours lecture

3 Units

ADVISORY: ENGL-C1000

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 as 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. It emphasizes the relationship between language and culture, and issues of language conservation and loss. May not be repeated. LR

LMC: ADR: Social and Behavioral Sciences; DA

TRANSFER: UC; CSU; Cal-GETC Area 4; C-ID ANTHR 130

ANTHR-098 Independent Study in Anthropology

.3-5 Units

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. SC

LMC: Independent study courses may be DA or transferable depending on specific course. See your counselor.

TRANSFER: Independent study courses may be DA or transferable depending on specific course. See your counselor.

Art

DEGREE--Associate in Arts for Transfer

Studio Arts

Art History

DEGREES--Associate of Arts

Fine Arts

Graphic Communications

CERTIFICATE OF ACHIEVEMENT

Graphic Communications

Photography

Three Dimensional Design

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.

ASSOCIATE IN ARTS

STUDIO ARTS FOR TRANSFER DEGREE

The Art Department (Fine Arts 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, and 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 general education courses that meet transfer requirements to the UC or CSU systems.

To earn the Associate Degree for Transfer:

- Completion of 60 semester units or 90 quarter units of degree-applicable courses,
- Minimum overall grade point average of 2.0,
- Minimum grade of "C" (or "P") for each course in the major, and
- Completion of California General Education Transfer Curriculum (Cal-GETC)

Associate in Arts in Studio Arts for Transfer

REQUIRED COURSES:		UNITS
ART-008	Early Modern Art History (1550 - 1920 CE)	3
ART-009	Late Modern and Contemporary Art History (1920 CE - present)	3
ART-010	Two-Dimensional Design Concepts	3
ART-011	Three-Dimensional Design Concepts	3
ART-020	Introduction to Drawing	3
TOTAL UNITS		15

LIST A: SELECT ONE OF THE FOLLOWING: 3 UNITS:

ART-006	Ancient Art History (to 350 CE)	3
ART-007	Medieval and Renaissance Art History (350 to 1550 CE)	3
ART-016	Asian Art History	3
ART-017	American Art History	3
ART-018	Pre-Colonial Americas Art History	3
ART-019	History of Photography	3
ART-032	Architectural History I: The World Before 1500	3
ART-033	Architectural History II: The World After 1500	3
ART-034	Islamic Art History	3
ART-035	Themes in Mesoamerican Culture through Ceramics	3

LIST B: SELECT THREE OF THE FOLLOWING ELECTIVES (9 UNITS):

ART-021	Intermediate Drawing	3
ART-030	Figure Drawing	3
ART-035	Themes in Mesoamerican Culture through Ceramics	3
ART-038	Introduction to Printmaking	3
ART-040	Introduction to Painting	3
ART-041	Intermediate Painting	3
ART-042	Introduction to Watercolor Painting	3
ART-043	Intermediate Watercolor Painting	3
ART-047	Color Theory	3
ART-060	Introductory Concepts of Sculpture	3
ART-061	Intermediate Concepts of Sculpture	3
ART-062	Introduction to Ceramic Sculpture	3
ART-063	Intermediate Ceramic Sculpture	3
ART-064	Introduction to Ceramics Through the Pottery Wheel	3
ART-065	Intermediate Ceramics Through the Pottery Wheel	3
ART-067	Intermediate Hand-built Ceramics	3
ART-072	Introduction to Digital Photography	3
ART-074	Photo II: Developing a Personal Vision	3
ART-075	Documentary Photography	3
ART-250	Introduction to Digital Art	3
TOTAL UNITS FOR THE MAJOR		24

TOTAL UNITS FOR THE DEGREE 60

Program Level Student 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.

ASSOCIATE IN ARTS

ART HISTORY FOR TRANSFER DEGREE

To achieve the Associate in Arts in Art History for Transfer to a CSU or UC from Los Medanos College, students must: (1) complete the 24 units of Art History degree major emphasis requirements; (2) fulfill requirements of California General Education Transfer Curriculum (Cal-GETC); (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, the chronological and cultural developments that allow them to make connections of 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:

- Completion of 60 semester units or 90 quarter units of degree applicable courses,
- Minimum overall grade point average of 2.0,
- Minimum grade of "C" (or "P") for each course in the major, and
- Completion of California General Education Transfer Curriculum (Cal-GETC)

REQUIRED COURSES:		UNITS
ART-006	Ancient Art History (to 350 CE)	3
ART-007	Medieval and Renaissance Art History (350 - 1550)	3
ART-008	Early Modern Art History (1550 - 1920 CE)	3
ART-009	Late Modern and Contemporary Art History (1920 CE - present)	3
ART-020	Introduction to Drawing	3
TOTAL UNITS		15

LIST A - SELECT ONE COURSE: 3 UNITS:

ART-016	Asian Art History	3
ART-018	Indigenous Americas Art History	3

LIST B - SELECT ONE COURSE: 3 UNITS:

ART-010	Two-Dimensional Design Concepts	3
ART-011	Three-Dimensional Design Concepts	3
ART-030	Figure Drawing	3
ART-060	Introductory Concepts of Sculpture	3
ART-062	Introduction to Ceramic Sculpture	3
ART-072	Introduction to Digital Photography	3
ART-250	Introduction to Digital Art	3

continued on next page ►

LIST C – SELECT ONE COURSE OR ANY COURSE NOT USED IN LIST A OR LIST B:

ART-005	The Visual Arts	3
ART-017	American Art History	3
ART-032	Architectural History I: The World Before 1500CE	3
ART-033	Architectural History II: The World After 1500CE	3
ART-034	Islamic Art History	3
ART-035	Themes in Mesoamerican Culture through Ceramics	3
HUMAN-019	Ancient Humanities	3
HUMAN-020	Medieval and Renaissance Humanities	3
HUMAN-021	Early Modern Humanities	3
HUMAN-022	American Humanities	3
HUMAN-024	Shakespeare's English Kings	3
HUMAN-030	Modernist Paris: Artists and Intellectuals	3
HUMAN-023	Late Modern and Contemporary Humanities	3
HUMAN-035	Themes in Mesoamerican Culture Through Ceramics	3
HUMAN-040	Opera: The Human Experience in Music, Voice and Drama	3
HUMAN-050	Hip Hop Culture: An American Phenomenon	3
HUMAN-060	The Great American Musical: Broadway and American Culture	3
TOTAL UNITS FOR THE MAJOR		24
TOTAL UNITS FOR THE DEGREE		60

Program Level Student 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 world view informed by diverse art and architectural products created in multiple historical, social, multicultural and global environments.

ASSOCIATE OF ARTS DEGREE**FINE ARTS****GRAPHIC COMMUNICATIONS**

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.

Associate of Arts Degree in Fine Arts

REQUIRED COURSES:		UNITS
ART-005	The Visual Arts	3
ART-010	Introduction to Two-Dimensional Concepts	3
ART-011	Three-Dimensional Design Concepts	3
ART-020	Introduction to Drawing	3
ART-047	Color Theory	3
TOTAL UNITS		12

Fine Art Electives

SELECT A MINIMUM OF 3 ELECTIVE UNITS FROM:

ART-006	Ancient Art History (to 350 CE)	3
ART-007	Medieval and Renaissance Art History (350 to 1550 CE)	3
ART-008	Early Modern Art History (1550 to 1920 CE)	3
ART-009	Late Modern and Contemporary Art History (1920 CE-Present)	3
ART-016	Asian Art History	3
ART-017	American Art History	3
ART-018	Indigenous Americas Art History	3

SELECT A MINIMUM OF 3 ELECTIVE UNITS FROM:

ART-021	Intermediate Drawing	3
ART-030	Figure Drawing	3
ART-038	Introduction to Printmaking	3
ART-040	Introduction to Painting	3
ART-041	Intermediate Painting	3
ART-060	Introductory Concepts of Sculpture	3
ART-062	Introduction to Ceramic Sculpture	3
ART-063	Intermediate Ceramic Sculpture	3
ART-064	Introduction to Ceramics Through the Pottery Wheel	3
ART-065	Intermediate Ceramics Through the Pottery Wheel	3
ART-072	Introduction to Digital Photography	3
ART-074	Photo II: Developing a Personal Vision	3
ART-075	Documentary Photography	3
TOTAL UNITS FOR THE MAJOR		30
TOTAL UNITS FOR THE DEGREE		60

Program Student 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 to improve their creative and conceptualization processes.

Associate of Arts Degree in Graphic Communications

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.

REQUIRED COURSES:		UNITS
ART-005	The Visual Arts	3
ART-010	Introduction to Two-Dimensional Concepts	3
ART-012	Design Drawing	3
ART-047	Color Theory	3
ART-050	Introduction to Digital Art	3
TOTAL UNITS		15

Graphic Communications Electives

COMPLETE THE FOLLOWING NUMBER OF CREDITS: 3 UNITS:

ART-006	Ancient Art History (to 350 CE)	3
ART-007	Medieval and Renaissance Art History (350 to 1550 CE)	3
ART-008	Early Modern Art History (1550 to 1920 CE)	3
ART-009	Late Modern and Contemporary Art History (1920 CE-Present)	3
ART-016	Asian Art History	3
ART-017	American Art History	3
ART-018	Indigenous Americas Art History	3

COMPLETE THE FOLLOWING NUMBER OF CREDITS: 12 UNITS:

ART-014	Typography: Aesthetics, Application, and History	3
ART-015	Graphic Design	3
ART-025	Advertising, Marketing and Publication Design	3
ART-050	Designing with Adobe InDesign	3
ART-054	Adobe Photoshop	3
ART-057	Designing with Adobe Illustrator	3
ART-058	Designing for the Web	3
ART-072	Introduction to Digital Photography	3
ART-074	Photo II: Developing a Personal Vision	3
ART-075	Documentary Photography	3
ART-084	Motion Graphics and Video Editing	3
ART-085	Introduction to Animation	3
ART-086	Animation and 3D Modeling	3
TOTAL UNITS FOR THE MAJOR		30
TOTAL UNITS FOR THE DEGREE		60

Program Student 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 to improve their creative and conceptualization processes.

CERTIFICATE OF ACHIEVEMENT

GRAPHIC COMMUNICATIONS

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.

REQUIRED COURSES:		UNITS
ART-005	Visual Arts Concepts	3
ART-006, 7, 8 or 9	Art History Courses	3
or		
ART-016	Asian Art History	3
or		
ART-017	American Art History	3
or		
ART-018	Indigenous Americas Art History	3
ART-010	Two-Dimensional Design Concepts	3
ART-012	Design Drawing (Graphic Communications)	3
ART-047	Color Theory	3
ART-250	Introduction to Digital Art	3
TOTAL UNITS		18

Graphic Communications Electives

SELECT A MINIMUM OF 12 ELECTIVE UNITS FROM:

ART-014	Typography: Aesthetics, Application, and history	3
ART-015	Graphic Design	3
ART-025	Advertising, Marketing and Publication Design	3
ART-050	Designing with Adobe InDesign	3
ART-054	Adobe Photoshop	3
ART-057	Designing with Adobe Illustrator	3
ART-058	Designing for the Web	3
ART-072	Introduction to Digital Photography	3
ART-074	Photo II: Developing a Personal Vision	3
ART-075	Documentary Photography*	3
ART-085	Introduction to Animation	3
ART-084	Motion Graphics and Video Editing	3
ART-086	Animation and 3D Modeling	3
ART-087	3D Texturing and Lighting	3
TOTAL UNITS FOR THE MAJOR		30

Program Student 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.

CERTIFICATE OF ACHIEVEMENT
THREE DIMENSIONAL DESIGN

The Three-Dimensional Design Certificate Program is designed to prepare students for transfer into three-dimensional design/fine arts fields at CSU's 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.

REQUIRED COURSES (18 UNITS):

ART-011	Three-Dimensional Design	3
ART-012	Design Drawing or Art 20: Introduction to Drawing	3
ART-062 or ART-064	Introduction to Ceramic Sculpture	3
ART-066 or ART-060	Introduction to Ceramics through the Pottery Wheel	3
ART-066	Introductory to Hand-built Ceramics	3
ART-060	Introductory Concepts of Sculpture	3
ART-072	Introduction to Digital Photography	3
ART-086	Animation and 3D Modeling	3
TOTAL UNITS		18

Program Student 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 to improve their creative and conceptualization processes.

COURSE DESCRIPTIONS

ART-003 Art Studio Practice

18 total hours lecture, 36 total hours lab
1.5 Units

ADVISORY: *ART-005 or Art History Classes; or other Studio Arts Class*

In this course students will learn to create projects using the 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. Mandatory material fees due will vary depending on your project. This also covers the cost of firing and glazing the work. May not be repeated. SC

LMC: DA

TRANSFER: CSU

ART-004 Design Thinking

45 total hours lecture, 36 total hours lab
3 Units

ADVISORY: *ENGL-C1000*

An interdisciplinary course that focuses on the art, history, and practice of design. Students will learn about the steps of Design Thinking and how to use digital tools such as laser cutters, CNC routers, and 3D printers. Students will apply their knowledge of design practice to real world problems where they will research, ideate, write, and present potential design solutions. They will create prototypes, test them, reflect on results, and make improvements. Course content provides an overview of product design history, an introduction to using digital tools, and how to use the vocabulary of design to analyze and evaluate products. Meets Creative Art Requirement for general education. May not be repeated. SC

LMC: ADR: Arts and Humanities; DA

TRANSFER: CSU

ART-005 The Visual Arts

54 total hours lecture
3 Units

ADVISORY: *ENGL-C1000*

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. May not be repeated. SC

LMC: ADR: Arts and Humanities; DA

TRANSFER: UC; CSU; Cal-GETC Area 3A

ART-006 Ancient Art History (to 350 CE)

54 total hours lecture
3 Units

ADVISORY: ENGL-C1000

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. May not be repeated. LR

LMC: ADR: Arts and Humanities; DA

TRANSFER: UC; CSU; Cal-GETC Area 3A; C-ID ART 110

ART-007 Medieval and Renaissance Art History (350 to 1550 CE)

54 total hours lecture
3 Units

ADVISORY: ENGL-C1000

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. May not be repeated. LR

LMC: ADR: Arts and Humanities; DA

TRANSFER: UC; CSU; Cal-GETC Area 3A; C-ID ART 110

ART-008 Early Modern Art History (1550 to 1920 CE)

54 total hours lecture
3 Units

ADVISORY: ENGL-C1000

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. May not be repeated. LR

LMC: ADR: Arts and Humanities; DA

TRANSFER: UC; CSU; Cal-GETC Area 3A

ART-009 Late Modern and Contemporary Art History (1920 CE-Present)

54 total hours lecture
3 Units

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. May not be repeated. LR

LMC: ADR: Arts and Humanities; DA

TRANSFER: UC; CSU; Cal-GETC Area 3A

ART-010 Introduction to Two-Dimensional Concepts

36 total hours lecture, 72 total hours lab
3 Units

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. May not be repeated. SC

LMC: DA

TRANSFER: UC; CSU; C-ID ARTS 100

ART-011 Three-Dimensional Design Concepts

36 total hours lecture, 72 total hours lab
3 Units

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. May not be repeated. LR

LMC: DA

TRANSFER: UC; CSU; C-ID ARTS 101

ART-012 Design Drawing

36 total hours lecture, 72 total hours lab
3 Units

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. May not be repeated. SC

LMC: DA

TRANSFER: UC; CSU

	ART	
Program Requirements, Courses and Learning Outcomes	ART-014 Typography: Aesthetics, Application, and History 36 total hours lecture, 72 total hours lab 3 Units 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 type-faces through a range of theoretical and applied projects, utilizing a combination of traditional and digital media. May not be repeated. SC LMC: DA TRANSFER: UC; CSU	ART-017 American Art History 54 total hours lecture 3 Units ADVISORY: ENGL-C1000 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. May not be repeated. LR LMC: ADR: Arts and Humanities; DA TRANSFER: UC; CSU; Cal-GETC Area 3B
	ART-015 Graphic Design 36 total hours lecture, 72 total hours lab 3 Units 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. May not be repeated. SC LMC: DA TRANSFER: UC; CSU	ART-018 Pre-Colonial Americas Art History 54 total hours lecture 3 Units ADVISORY: ENGL-C1000 An integrated, interdisciplinary survey of art as an aspect of cultures and civilizations from the Indigenous North, Central, and South Americas from prehistory to the arrival of European colonists. Investigates how art and architecture reflect the religious, political, and philosophical perspectives of the artists and societies that created them. May not be repeated. LR LMC: ADR: Arts and Humanities, DA TRANSFER: UC; CSU; Cal-GETC Area 3B
	ART-016 Asian Art History 54 total hours lecture 3 Units ADVISORY: ENGL-C1000 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. May not be repeated. LR LMC: ADR: Arts and Humanities; DA TRANSFER: UC; CSU; Cal-GETC Area 3A	ART-019 History of Photography 54 total hours lecture 3 Units ADVISORY: ENGL-C1000 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. May not be repeated. LR LMC: ADR: Arts and Humanities; DA TRANSFER: UC; CSU; Cal-GETC Area 3A, 3B
		ART-020 Introduction to Drawing 36 total hours lecture, 72 total hours lab 3 Units ADVISORY: ART-010 or equivalent 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. May not be repeated. SC LMC: DA TRANSFER: UC; CSU; C-ID ARTS 110
	90	2025-2026 Los Medanos College

ART-021 Intermediate Drawing

36 total hours lecture, 72 total hours lab
3 Units

ADVISORY: ART-020

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. May not be repeated. LR

LMC: DA

TRANSFER: UC; CSU; C-ID ARTS 205

ART-025 Advertising, Marketing and Publication Design

36 total hours lecture, 72 total hours lab
3 Units

ADVISORY: ENGL-C1000

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. May not be repeated. SC

LMC: DA

TRANSFER: CSU

ART-030 Figure Drawing

36 total hours lecture, 72 total hours lab
3 Units

ADVISORY: ART-012 and ART-020

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. May not be repeated. SC

LMC: DA

TRANSFER: UC; CSU

ART-032 Architectural History I: The World Before 1500

54 total hours lecture
3 Units

ADVISORY: ENGL-C1000

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 May not be repeated. LR

LMC: ADR: Arts and Humanities; Diverse Perspectives; DA

TRANSFER: UC; CSU; Cal-GETC Area 3A

ART-033 Architectural History II: The World After 1500CE

54 total hours lecture
3 Units

ADVISORY: ENGL-C1000

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. May not be repeated. LR

LMC: ADR: Arts and Humanities; Diverse Perspectives; DA

TRANSFER: UC; CSU; Cal-GETC Area 3A

ART-034 Islamic Art History

54 total hours lecture
3 Units

ADVISORY: ENGL-C1000

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. May not be repeated. LR

LMC: ADR: Arts and Humanities; DA

TRANSFER: UC, CSU; Cal-GETC Area 3A

ART-035 Themes in Mesoamerican Culture through Ceramics

45 total hours lecture, 36 total hours lab

3 Units

ADVISORY: ENGL-C1000

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. May not be repeated. LR

LMC: ADR: Arts and Humanities; DA**TRANSFER:** UC; CSU; Cal-GETC Area 3B**ART-038 Introduction to Printmaking**

36 total hours lecture, 72 total lab hours by arrangement

3 Units

ADVISORY: ART-010 or equivalent

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. May not be repeated. SC

LMC: DA**TRANSFER:** CSU**ART-040 Introduction to Painting**

36 total hours lecture, 72 total hours lab

3 Units

ADVISORY: ART-010, 012 or 020

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. An optional material fee may be applied. May not be repeated. SC

LMC: DA**TRANSFER:** UC; CSU**ART-041 Intermediate Painting**

36 total hours lecture, 72 total hours lab

3 Units

ADVISORY: ART-010, 12, 20 or ART-040

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. An optional material fee may be applied. May not be repeated. SC

LMC: DA**TRANSFER:** UC; CSU**ART-042 Introduction to Watercolor Painting**

36 total hours lecture, 72 total hours lab

3 Units

ADVISORY: ART-010, 20 or 40

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 body color. 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. May not be repeated. SC

LMC: DA**TRANSFER:** UC; CSU**ART-043 Intermediate Watercolor Painting**

36 total hours lecture, 72 total hours lab

3 Units

ADVISORY: ART-010, 012 and 020

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. May not be repeated. SC

LMC: DA**TRANSFER:** UC; CSU**ART-047 Color Theory**

36 total hours lecture, 72 total hours lab

3 Units

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. May not be repeated. SC

LMC: DA**TRANSFER:** UC; CSU; C-ID ARTS 270

ART-050 Designing with Adobe InDesign

36 total hours lecture, 72 total hours lab
3 units

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. May not be repeated. SC

LMC: DA

TRANSFER: CSU

ART-054 Adobe Photoshop

36 total hours lecture, 54 total hours lab
3 Units

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. May not be repeated. SC

LMC: DA

TRANSFER: CSU

ART-057 Designing with Adobe Illustrator

36 total hours lecture, 54 total hours lab
3 Units

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. May not be repeated. SC

LMC: DA

TRANSFER: CSU

ART-058 Designing for the Web

36 total hours lecture, 54 total hours lab
3 Units

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. May not be repeated. SC

LMC: DA

TRANSFER: UC; CSU

ART-060 Introductory Concepts of Sculpture

36 total hours lecture, 72 total hours lab
3 Units

ADVISORY: ART-011; ENGL-C1000

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. May not be repeated. SC

LMC: DA

TRANSFER: UC; CSU

ART-061 Intermediate Concepts of Sculpture

36 total hours lecture, 72 total hours lab
3 Units

ADVISORY: ART-011 and ART-060

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. May not be repeated. SC

LMC: DA

TRANSFER: UC; CSU

ART-062 Introduction to Ceramic Sculpture

36 total hours lecture, 72 total hours lab
3 Units

ADVISORY: ART-011; ENGL-C1000

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. May not be repeated. SC

LMC: DA

TRANSFER: UC; CSU

ART-063 Intermediate Ceramic Sculpture

36 total hours lecture, 72 total hours lab
3 Units

ADVISORY: ART-011, ART-062, ART-064; ENGL-C1000

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. A mandatory material fee may be applied. The material fee will consist of the price per bag of clay, usually \$10-\$15 for 25lbs. This also covers the cost of finishing the work. May not be repeated. SC

LMC: DA

TRANSFER: UC; CSU

ART-064 Introduction to Ceramics Through the Pottery Wheel

36 total hours lecture, 72 total hours lab
3 Units

ADVISORY: ART-011

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. May not be repeated. SC

LMC: DA

TRANSFER: UC; CSU

ART-065 Intermediate Ceramics Through the Pottery Wheel

36 total hours lecture, 72 total hours lab
3 Units

ADVISORY: ART-011 and ART-064

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. May not be repeated. SC

LMC: DA

TRANSFER: UC; CSU

ART-066 Introductory Hand-built Ceramics

36 total hours lecture, 72 total hours lab
3 Units

ADVISORY: ART-011

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. An mandatory material fee will be applied. Students will purchase clay and tools. May not be repeated. SC

LMC: DA

TRANSFER: UC; CSU

ART-067 Intermediate Hand-built Ceramics

36 total hours lecture, 72 total hours lab
3 Units

ADVISORY: ART-011

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. An mandatory material fee will be applied. Students will purchase clay and tools. May not be repeated. SC

LMC: DA

TRANSFER: UC; CSU

ART-072 Introduction to Digital Photography

36 total hours lecture, 54 total hours lab
3 Units

ADVISORY: ENGL-C1000

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. May not be repeated. SC

LMC: DA

TRANSFER: UC; CSU

ART-074 Photo II: Developing a Personal Vision

36 total hours lecture, 54 total hours lab
3 Units

ADVISORY: ART-072 (Strongly Recommended)

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. May not be repeated. SC

LMC: DA

TRANSFER: UC; CSU

ART-075 Documentary Photography

36 total hours lecture, 54 total hours lab
3 Units

ADVISORY: ART-072 or ART-074 or concurrent enrollment or completion of any other journalism class

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. May not be repeated. SC

LMC: DA

TRANSFER: UC; CSU

ART-084 Motion Graphics and Video Editing

36 total hours lecture, 54 total hours lab
3 Units

ADVISORY: ART-015, ART-085, ART-086

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. May not be repeated. SC

LMC: DA

TRANSFER: CSU

ART-085 Introduction to Animation

36 total hours lecture, 72 total hours lab
3 Units

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. May not be repeated. SC

LMC: DA

TRANSFER: UC; CSU

ART-086 Animation and 3D Modeling

36 total hours lecture, 72 total hours lab
3 Units

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. May not be repeated. SC

LMC: DA

TRANSFER: UC; CSU

ART-087 3D Texturing and Lighting

36 total hours lecture; 72 total hours lab
3 Units

ADVISORY: ART-085

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.

continued on next page ►

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. May not be repeated. SC

LMC: DA

TRANSFER: CSU

ART-098 Independent Study in Art

.5-3 Units

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. SC

LMC: Independent study courses may be DA or transferable depending on specific course. See your counselor.

TRANSFER: Independent study courses may be DA or transferable depending on specific course. See your counselor.

ART-170 Work Experience Education in Art

54-216 total hours

1-4 Units

PREREQUISITE: In order to enroll in a Work Experience Education course, students must be employed, register for the course, complete an online Work Experience Education Application, and participate in a Work Experience Education orientation. Students may earn one unit for 54 hours work per enrollment period. Does not meet requirements for veterans' benefits. Work Experience Education Application can be accessed at <https://www.losmedanos.edu/cwee/>. Students may earn up to 14 units of Work Experience Education per enrollment period.

Note: Students must submit an online Work Experience application and attend a mandatory Orientation. Go to www.losmedanos.edu/cwee/ for information. Individual meetings and job site visit held with hours and location by arrangement.

The purpose of work experience education is to provide students with an integrated instructional program that provides opportunities to connect academic curricula to applied experiential learning in the workplace. Work experience education assists the student in developing career awareness, learning industry culture, competencies and norms, and developing professional networks in their desired field to support career mobility. To participate in work experience education, students must be employed and undertake new or expanded responsibilities. Students, with faculty and employer approval, will develop and successfully complete learning objective(s). Each learning objective must be substantive in nature and linked in a way relevant to a student's educational pathway. See Work Experience Education website and student handbook for more information regarding variable unit registration based on hours worked. Work Experience education courses may be repeated subject to Title 5 Section 55040. SC

LMC: DA

TRANSFER: CSU

ART-180 Work Experience Internship in Art

54-216 total hours

1-4 Units

PREREQUISITE: In order to enroll in a Work Experience Education course, students must be employed, register for the course, complete an online Work Experience Education Application, and participate in a Work Experience Education orientation. Students may earn one unit for 54 hours worked per enrollment period. Does not meet requirements for veterans' benefits. Work Experience Education Application can be accessed at <https://www.losmedanos.edu/cwee/>. Students may earn up to 14 units of Work Experience Education per enrollment period.

Note: Students must submit an online Work Experience application and attend a mandatory Orientation. Go to www.losmedanos.edu/cwee/ for information. Individual meetings and job site visit held with hours and location by arrangement.

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. The purpose of work experience education is to provide students with an integrated instructional program that provides opportunities to connect academic curricula to applied experiential learning in the workplace. Work experience education assists the student in developing career awareness, learning industry culture, competencies and norms, and developing professional networks in their desired field to support career mobility. To participate in work experience education, students must be employed and undertake new or expanded responsibilities. Students, with faculty and employer approval, will develop and successfully complete learning objective(s). Each learning objective must be substantive in nature and linked in a way relevant to a student's educational pathway. See Work Experience Education website and student handbook for more information regarding variable unit registration based on hours worked. Work experience education courses may be repeated subject to Title 5 section 55040 SC

LMC: DA

TRANSFER: CSU

ART-250 Introduction to Digital Art

36 total hours lecture, 72 total hours lab

3 Units

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. May not be repeated. SC

LMC: DA

TRANSFER: UC; CSU

Astronomy

COURSE DESCRIPTIONS

ASTRO-010 Introduction to Astronomy

54 total hours lecture
3 Units

ADVISORY: ENGL-C1000

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. May not be repeated. LR

LMC: ADR: Natural Sciences; DA

TRANSFER: UC; CSU; Cal-GETC Area 5A

ASTRO-011 Astronomy Laboratory

54 total hours lab
1 Unit

PREREQUISITE: Prior or concurrent enrollment in ASTRO-010

ADVISORY: ENGL-C1000

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. May not be repeated. LR

LMC: ADR: Natural Sciences; DA

TRANSFER: UC; CSU; Cal-GETC Area 5C

ASTRO-098 Independent Study in Astronomy

.5-3 Units

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. SC

LMC: Independent study courses may be DA or transferable depending on specific course. See your counselor.

TRANSFER: Independent study courses may be DA or transferable depending on specific course. See your counselor.

Automotive Technology

DEGREE—Associate of Science

Automotive Technology

CERTIFICATE OF ACHIEVEMENT

Automotive Technology

COLLEGE SKILLS CERTIFICATES

Advanced Performance Engine Builder

Air Conditioning Specialist

Automotive General Maintenance

Automotive Chassis Specialist

Automotive Diesel Specialist

Powertrain Specialist

Smog Technician Specialist

Transmission Specialist

ASSOCIATE OF SCIENCE DEGREE AND CERTIFICATE OF ACHIEVEMENT

AUTOMOTIVE TECHNOLOGY

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.

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.

SELECT A MINIMUM OF 18 - 24 UNITS FROM:

AUTO-045	Automotive Laboratory Practice	1.5
AUTO-111	Automotive Electrical Systems	4
AUTO-112	Engine Technology	4
AUTO-113	Automotive Heating and Air Conditioning	3
AUTO-120	Automotive Suspension and Steering	4
AUTO-121	Automotive Brakes	4
AUTO-122	Automotive Machining	4
AUTO-130	Automatic Transmission and Transaxles	4
AUTO-132	Automotive Diagnosis I	4
AUTO-133	Manual Transmission and Differential	2
AUTO-142	Automotive Diagnosis II	4
AUTO-150	Smog Check Training Level I	3

TOTAL UNITS FOR THE MAJOR 18-24

TOTAL UNITS FOR THE DEGREE 60

ASSOCIATE OF SCIENCE**Program Student Learning Outcomes**

1. Be prepared to enter the automotive field, as a general repair technician at all general service and repair stations, or apprentice level at the dealership level (manufacture level), and demonstrate the abilities and behaviors of an automotive professional.
2. Demonstrate the ability to locate, understand and use the repair information found in either repair manuals or online resources including wiring diagrams, trouble trees, torque specs, and all other necessary information.
3. Demonstrate the ability to properly diagnose, adjust and repair all major automotive systems. Meeting or exceed all manufacture specifications.
4. Be prepared to take and pass all ASE examinations A1 – A8 and the L1 advanced ASE examination.
5. Clearly explain and practice all safety standards with regard to lifting equipment, shop machinery (brake lathe, strut compressor, machining equipment), chemicals, tool usage, and proper procedures regarding oil and chemical disposal.

CERTIFICATE OF ACHIEVEMENT**Program Student 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.

COLLEGE SKILLS CERTIFICATES**AUTOMOTIVE TECHNOLOGY****Advanced Performance Engine Builder**

REQUIRED COURSES:		UNITS
AUTO-112	Engine Technology	4
AUTO-122	Automotive Machining	4
AUTO-143	Engine Mastery	4
TOTAL UNITS REQUIRED FOR COLLEGE SKILLS CERTIFICATE		12

Program Student Learning Outcomes

1. Demonstrate the skills and knowledge necessary to take and pass the ASE exam (A1) required for employment in the automotive field.

Air Conditioning Specialist

REQUIRED COURSES:		UNITS
AUTO-113	Automotive Heating & Air Conditioning	3
TOTAL UNITS REQUIRED FOR COLLEGE SKILLS CERTIFICATE		3

Program Student Learning Outcomes

1. Demonstrate the skills and knowledge necessary to take and pass the State refrigerant handling license and ASE exam (A 6) required for employment in the automotive field.

Automotive General Maintenance

REQUIRED COURSES:		UNITS
AUTO-110	Automotive Essential Car Care	5.5
AUTO-111	Automotive Electrical Systems	4
AUTO-112	Engine Technology	4
TOTAL UNITS REQUIRED FOR COLLEGE SKILLS CERTIFICATE		13.5

Automotive Diesel Specialist

REQUIRED COURSES:		UNITS
AUTO-111	Automotive Electrical Systems	4
AUTO-131	Introduction to Diesel Technology	4
AUTO-141	Advanced Diesel Technology	4
TOTAL UNITS REQUIRED FOR COLLEGE SKILLS CERTIFICATE		12

Chassis Specialist

REQUIRED COURSES:		UNITS
AUTO-111	Automotive Electrical Systems	4
AUTO-121	Automotive Brakes	4
AUTO-120	Automotive Suspension and Steering	4
TOTAL UNITS REQUIRED FOR COLLEGE SKILLS CERTIFICATE		12

Program Student 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.

Powertrain Specialist

REQUIRED COURSES:		UNITS
AUTO-111	Automotive Electrical Systems	4
AUTO-132	Automotive Diagnosis I	4
AUTO-142	Automotive Diagnosis II	4
TOTAL UNITS REQUIRED FOR COLLEGE SKILLS CERTIFICATE		12

Program Student 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.

Smog Technician Specialist

REQUIRED COURSES:		UNITS
AUTO-132	Automotive Diagnosis I	4
AUTO-142	Automotive Diagnosis II	4
AUTO-111	Automotive Electrical Systems	4
AUTO-150	Smog Check Training Level I	3
AUTO-057	Smog Update	.5
TOTAL UNITS REQUIRED FOR COLLEGE SKILLS CERTIFICATE		15.5

Program Student 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.

Transmission Specialist

REQUIRED COURSES:		UNITS
AUTO-111	Automotive Electrical Systems	4
AUTO-130	Automatic Transmission & Transaxles	4
AUTO-133	Manual Transmission & Differentials	4
TOTAL UNITS REQUIRED FOR COLLEGE SKILLS CERTIFICATE		12

Program Student 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.

COURSE DESCRIPTIONS**AUTO-045 Automotive Laboratory Practice**

72 total hours lab
1.5 Units

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. May not be repeated. P/NP

LMC: DA

TRANSFER: CSU

AUTO-057 Smog Update

8 total hours lecture, 12 total hours lab
.5 Units

ADVISORY: ENGL-095

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. May not be repeated. P/NP

LMC: DA

AUTO-098 Independent Study in Automotive Technology

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. SC

LMC: Independent study courses may be DA or transferable depending on specific course. See your counselor.

TRANSFER: Independent study courses may be DA or transferable depending on specific course. See your counselor.

AUTO-100 Introduction to Industrial Technology and Trades

18 total hours lecture, 54 total hours lab
2 Units

This is a career exploration course for the industrial trades including: Appliance Repair, 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. May not be repeated. P/NP

LMC: DA

TRANSFER: CSU

AUTO-110 Automotive Essential Car Care

96 total hours lecture, 16 total hours lab
5.5 Units

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. May not be repeated. SC

LMC: DA

TRANSFER: CSU

AUTO-111 Automotive Electrical Systems

48 total hours lecture, 80 total hours lab
4 Units

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. May not be repeated. SC

LMC: DA

TRANSFER: CSU

AUTO-112 Engine Technology

48 total hours lecture, 80 total hours lab
4 Units

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. May not be repeated. SC

LMC: DA

TRANSFER: CSU

AUTO-113 Automotive Heating and Air Conditioning

36 total hours lecture, 54 total hours lab
3 Units

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. May not be repeated. SC

LMC: DA

TRANSFER: CSU

AUTO-120 Automotive Suspension and Steering

48 total hours lecture, 80 total hours lab
4 Units

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. May not be repeated. SC

LMC: DA

TRANSFER: CSU

AUTO-121 Automotive Brakes

48 total hours lecture, 80 total hours lab
4 Units

ADVISORY: ENGL-C1000

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. May not be repeated. SC

LMC: DA

TRANSFER: CSU

AUTO-122 Automotive Machining

48 total hours lecture, 80 total hours lab
4 Units

ADVISORY: AUTO-110

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 rebuild. 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. May not be repeated. SC

LMC: DA

TRANSFER: CSU

AUTO-124 Electric Vehicle Technology

72 total hours lecture, 18 total hours lab
4 Units

ADVISORY: AUTO-111

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. May not be repeated. SC

LMC: DA

TRANSFER: CSU

AUTO-130 Automatic Transmission and Transaxles

48 total hours lecture, 80 total hours lab
4 Units

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. May not be repeated. SC

LMC: DA

TRANSFER: CSU

AUTO-131 Introduction to Diesel Technology

48 total hours lecture, 80 total hours lab
4 Units

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. May not be repeated. SC

LMC: DA

TRANSFER: CSU

AUTO-132 Automotive Diagnosis I

48 total hours lecture, 80 total hours lab
4 Units

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. May not be repeated. SC

LMC: DA

TRANSFER: CSU

AUTO-133 Manual Transmission and Differentials

24 total hours lecture, 40 total hours lab
2 Units

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. May not be repeated. SC

LMC: DA

TRANSFER: CSU

AUTO-141 Advanced Diesel Technology

48 total hours lecture, 80 total hours lab
4 Units

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. May not be repeated. SC

LMC: DA

TRANSFER: CSU

AUTO-142 Automotive Diagnosis II

48 total hours lecture, 80 total hours lab
4 Units

ADVISORY: AUTO-132

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. May not be repeated. SC

LMC: DA

TRANSFER: CSU

AUTO-143 Engine Mastery

48 total hours lecture, 80 total hours lab
4 Units

PREREQUISITE: AUTO-122

ADVISORY: AUTO-132; AUTO-142

Advanced engine performance combining automotive mathematics and practical engine assembly through Dyno Testing. This courses 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 Dynamite, Superflow, Mustang and others. May not be repeated. SC

LMC: DA

TRANSFER: CSU

AUTO-150 Smog Check Training Level I

54 total hours lecture, 26 total hours lab
3 Units

ADVISORY: AUTO-132 and 142

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. May not be repeated. SC

LMC: DA

TRANSFER: CSU

AUTO-151 Smog Check Training Level 2

27 total hours lecture, 13 total hours lab
1.5 Unit

ADVISORY: AUTO-150

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. May not be repeated. SC

LMC: DA

TRANSFER: CSU

AUTO-170 Work Experience Education in Automotive Technology

54-216 total hours
1-4 Units

PREREQUISITE: *In order to enroll in a Work Experience Education course, students must be employed, register for the course, complete an online Work Experience Education Application, and participate in a Work Experience Education orientation. Students may earn one unit for 54 hours work per enrollment period. Does not meet requirements for veterans' benefits. Work Experience Education Application can be accessed at <https://www.losmedanos.edu/cwee/>. Students may earn up to 14 units of Work Experience Education per enrollment period.*

The purpose of work experience education is to provide students with an integrated instructional program that provides opportunities to connect academic curricula to applied experiential learning in the workplace. Work experience education assists the student in developing career awareness, learning industry culture, competencies and norms, and developing professional networks in their desired field to support career mobility. To participate in work experience education, students must be employed and undertake new or expanded responsibilities. Students, with faculty and employer approval, will develop and successfully complete learning objective(s). Each learning objective must be substantive in nature and linked in a way relevant to a student's educational pathway. See Work Experience Education website and student handbook for more information regarding variable unit registration based on hours worked. Work Experience education courses may be repeated subject to Title 5 Section 55040. SC

LMC: DA
TRANSFER: CSU

AUTO-180 Work Experience Internship in Automotive Technology

54-216 total hours
1-4 Units

PREREQUISITE: *In order to enroll in a Work Experience Education course, students must be employed, register for the course, complete an online Work Experience Education Application, and participate in a Work Experience Education orientation. Students may earn one unit for 54 hours worked per enrollment period. Does not meet requirements for veterans' benefits. Work Experience Education Application can be accessed at <https://www.losmedanos.edu/cwee/>. Students may earn up to 14 units of Work Experience*

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. The purpose of work experience education is to provide students with an integrated instructional program that provides opportunities to connect academic curricula to applied experiential learning in the workplace. Work experience education assists the student in developing career awareness, learning industry culture, competencies and norms, and developing professional networks in their desired field to support career mobility. To participate in work experience education, students must be employed and undertake new or expanded responsibilities. Students, with faculty and employer approval, will develop and successfully complete learning objective(s). Each learning objective must be substantive in nature and linked in a way relevant to a student's educational pathway. See Work Experience Education website and student handbook for more information regarding variable unit registration based on hours worked. Work experience education courses may be repeated subject to Title 5 section 55040 SC

LMC: DA
TRANSFER: CSU

Automotive Technology Noncredit

CERTIFICATES OF COMPETENCY

AUTOMOTIVE MAINTENANCE, DETAILING
AND SURFACE ENHANCEMENT (non-credit)

**CERTIFICATE OF COMPLETION NONCREDIT
AUTOMOTIVE TECHNOLOGY**

This certificate program offers comprehensive training in automotive detailing, vinyl wrapping, and paintless dent repair (PDR) to provide students with the necessary skills and techniques to become proficient in these areas. Through practical training and classroom instruction, students will learn the basics of auto detailing, vinyl wrap materials and techniques, and PDR principles and tools. The program is designed for individuals with basic knowledge of automotive maintenance and repair, good hand-eye coordination, and attention to detail, and upon completion, graduates may find employment opportunities as automotive detailers, vinyl wrap installers, and PDR technicians or start their own businesses.

Automotive Maintenance, Detailing and Surface Enhancement (non-credit)

TAKE ONE OF THE FOLLOWING:		HOURS
AUTO-010N	Introduction to Automotive Detailing	5
AUTO-011N	Automotive PDR and Color Change	2
TOTAL UNITS REQUIRED FOR COLLEGE SKILLS CERTIFICATE		7

Program Student Learning Outcomes

1. Demonstrate proper use of chemicals and procedures used in automotive detailing.
2. Demonstrate the proper techniques and knowledge required to complete a color change or advertisement-based vehicle wrap.
3. Explain and produce a business plan for beginning a new Detailing, Mobile PDR or Wrap business.

COURSE DESCRIPTIONS (NON CREDIT)

AUTO-010N Introduction to Automotive Detailing

2 hours lecture, 5 hours lab
0 Units

This course is designed to provide students with a fundamental understanding of the techniques and tools used in automotive detailing. Students will learn how to clean, polish, and protect a vehicle's exterior and interior surfaces. The course will cover basic cleaning and detailing techniques, including washing, claying, polishing, and ceramic coating. Students will also learn about different types of detailing products and their uses. This is a hands on course that will develop practical skills through practice in a simulated detailing environment. They will learn how to use various detailing tools and equipment, such as buffers, polishers, and detailing brushes. Students will also learn about proper safety procedures and the importance of following industry standards.

AUTO-011N Automotive PDR and Color Change

2 hours lecture, 5 hours lab
0 Units

This course is designed for automotive enthusiasts and professionals who want to learn the art of paint-less dent repair and vinyl wrapping. The course covers the essential techniques, tools, and materials used in the industry, providing students with the necessary knowledge and skills to perform high-quality repairs and wraps on a variety of vehicles.

Biological Science

DEGREE—Associate in Science for Transfer
Biology

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, proteomics, genomics, reproduction, embryonic development, ecology, comparative anatomy and physiology and evolution.

To earn the Associate Degree for Transfer:

- Completion of 60 semester units or 90 quarter units of degree-applicable courses,
- Minimum overall grade point average of 2.0,
- Minimum grade of "C" (or "P") for each course in the major, and
- Completion of California General Education Transfer Curriculum (Cal-GETC).

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

REQUIRED COURSES:		UNITS
BIOSC-020	Principles of Biology: Cellular Processes	5
BIOSC-021	Principles of Biology: Organismic	5
TOTAL UNITS		10

LIST A (22 UNITS):

CHEM- 025	General College Chemistry	5
CHEM- 026	General College Chemistry	5
MATH-210 or MATH-140	Calculus and Analytic Geometry I Applied Calculus	4 4
PHYS- 035	College Physics I	4
PHYS -036 or PHYS -040	College Physics II Physics for Scientists and Engineers I	4 4
PHYS -041	Physics for Scientists and Engineers II	4
TOTAL UNITS FOR THE MAJOR		32

TOTAL UNITS FOR THE DEGREE **60**

Program Student 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.

COURSE DESCRIPTIONS**BIOSC-005 Biology of Health**

54 total hours lecture, 18 total hours lab
3 Units

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. May not be repeated. LR

LMC: DA

TRANSFER: UC; CSU

BIOSC-007 Ecology and the Environment

54 total hours lecture, 54 total hours lab
4 Units

ADVISORY: ENGL-C1000

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. May not be repeated. LR

LMC: ADR: Natural Sciences; DA

TRANSFER: UC; CSU; Cal-GETC Area 5B, 5C

BIOSC-008 Human Biology

54 total hours lecture, 54 total hours lab
4 Units

ADVISORY: ENGL-C1000

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. May not be repeated. LR

LMC: ADR: Natural Sciences; DA

TRANSFER: UC; CSU; Cal-GETC Area 5B, 5C

BIOSC-010 General Biology

54 total hours lecture, 72 total hours lab
4 Units

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. May not be repeated. LR

LMC: ADR: Natural Sciences; DA

TRANSFER: UC; CSU; Cal-GETC Area 5B, 5C

BIOSC-020 Principles of Biology: Cell and Molecular

54 total hours lecture, 108 total hours lab
5 Units

PREREQUISITE: Intermediate algebra or higher or eligibility for college-level math

ADVISORY: BIOSC-010; ENGL-C1000; CHEM-025; AP High School Biology and/or AP High School Chemistry or the equivalent.

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. May not be repeated. LR

LMC: ADR: Natural Sciences; DA

TRANSFER: UC; CSU; Cal-GETC Area 5B, 5C; C-ID BIOL 135S; BIOL 190

BIOSC-021 Principles of Biology: Organismal

54 total hours lecture, 108 total hours lab
5 Units

PREREQUISITE: Intermediate algebra or higher or eligibility for college-level math

ADVISORY: BIOSC-010, BIOSC-020; High School AP Biology, AP Chemistry

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. May not be repeated. LR

LMC: ADR: Natural Sciences; DA

TRANSFER: UC; CSU; Cal-GETC Area 5B, 5C; C-ID BIOL 135S, BIOL 140

BIOSC-030 Introduction to Anatomy and Physiology

54 total hours lecture, 54 total hours lab
4 Units

ADVISORY: ENGL-C1000

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. May not be repeated. LR

LMC: ADR: Natural Sciences; DA

TRANSFER: UC; CSU; Cal-GETC Area 5B

BIOSC-040 Human Anatomy

54 total hours lecture, 108 total hours lab
5 Units

ADVISORY: BIOSC-030 or equivalent; ENGL-C1000

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. May not be repeated. LR

LMC: ADR: Natural Sciences; DA

TRANSFER: UC; CSU; Cal-GETC Area 5B, 5C; C-ID BIOL 110B

BIOSC-045 Human Physiology

54 total hours lecture, 108 total hours lab
5 Units

ADVISORY: *BIOSC-040 and CHEM-007; ENGL-C1000*

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. May not be repeated. LR

LMC: *ADR: Natural Sciences; DA*

TRANSFER: *UC; CSU; Cal-GETC Area 5B, 5C; C-ID BIOL 120B*

BIOSC-050 Microbiology

36 total hours lecture, 108 total hours lab
4 Units

PREREQUISITE: *CHEM-006, 007 or 025, or equivalent*

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. May not be repeated. LR

LMC: *ADR: Natural Sciences; DA*

TRANSFER: *UC; CSU; Cal-GETC Area 5B, 5C*

BIOSC-098 Independent Study in Biological Science

.5-3 Units

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. SC

LMC: *Independent study courses may be DA or transferable depending on specific course. See your counselor.*

TRANSFER: *Independent study courses may be DA or transferable depending on specific course. See your counselor.*

Business

DEGREES—Associate in Science for Transfer
Business Administration 2.0

DEGREES—Associate of Science
Accounting
Small Business Operations

CERTIFICATES OF ACHIEVEMENT—Business
Accounting
Small Business Operations

ASSOCIATE IN SCIENCE**BUSINESS ADMINISTRATION FOR TRANSFER DEGREE 2.0**

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 business degrees 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 earn the Associate Degree for Transfer:

- Completion of 60 semester units or 90 quarter units of degree-applicable courses,
- Minimum overall grade point average of 2.0,
- Minimum grade of "C" (or "P") for each course in the major, and
- Completion of California General Education Transfer Curriculum (Cal-GETC)

REQUIRED COURSES:

BUS-186	Financial Accounting	4
BUS-187	Managerial Accounting	4
ECON-010	Principles of Microeconomics	3
ECON-011	Principles of Macroeconomics	3
BUS-294	Business Law	3
MATH-140	Applied Calculus	4
STAT-C1000	Introduction to Statistics	4
BUS-109	Introduction to Business	3
or		
BUS-059	Business Communications	3
TOTAL UNITS FOR THE MAJOR		28
TOTAL UNITS FOR THE DEGREE		60

Business Program curriculum is designed to accomplish several goals:

- 1) to prepare students for entry-level careers; 2) to prepare students for career advancement in business, industry, government, and non-profit organizations; 3) to prepare students for entrepreneurship and small business start-ups, operations, management and expansion; 4) to prepare business students to transfer to four-year colleges; and 5) to provide major prep courses for students with bachelor of arts degrees seeking advanced business degrees.

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.

Program Student 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 organizations including management, marketing, finance, and accounting.
5. Apply commonly used computer application programs to create relevant business documents.

ASSOCIATE OF SCIENCE DEGREE AND CERTIFICATE OF ACHIEVEMENT ACCOUNTING

The associate degree and 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. The Business Department also offers a transfer curriculum to a four-year university.

For the Certificate of Achievement in Accounting, complete the units of coursework listed. Consult a Los Medanos College counselor to develop your education plan.

For the Associate of Science Degree in Accounting, complete the units of coursework listed as well as the General Education requirements. Consult a Los Medanos College counselor to develop your education plan.

REQUIRED COURSES:		UNITS
BUS-185	Computer Assisted Accounting - Quick Books	3
BUS-186	Financial Accounting	4
BUS-187	Managerial Accounting	4
BUS-018	Introduction to Excel	3
BUS-109	Introduction to Business	3
TOTAL UNITS		17

AND SELECT A MINIMUM OF 6 UNITS FROM:

BUS-027	Small Business Management	3
BUS-294	Business Law	3
BUS-059	Business Communications	3
BUS-091	Managing/Working in a Diverse Workforce	1.5
BUS-092	Business Ethics	1.5
BUS-093	Dealing with Difficult People	1.5
BUS-095	Developing Customer Service Satisfaction	1.5
BUS-096	Time Management and Goal Setting	1.5
BUS-160	Personal Finance	3
BUS-170	Work Experience Education in Business	1-4
TOTAL UNITS FOR THE MAJOR		23
TOTAL UNITS FOR THE DEGREE		60
TOTAL UNITS FOR THIS CERTIFICATE		23

Program Student 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.

ASSOCIATE OF SCIENCE DEGREE AND CERTIFICATE OF ACHIEVEMENT SMALL BUSINESS OPERATIONS

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.

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.

REQUIRED COURSES:		UNITS
BUS-181	Accounting: Applied Principles	3
or		
BUS-186	Financial Accounting	4
BUS-027	Small Business Management	3
BUS-035	Microsoft Office	3
or		
BUS-035 A/B/C	Microsoft Word/Excel/PowerPoint	4.5
MANGT-075	Managing Human Resources	3
TOTAL UNITS		12-14.5

AND SELECT A MINIMUM OF 17 UNITS- DEGREE; OR 12 UNITS- CERTIFICATE FROM:

BUS-285	Tax Accounting	3
BUS-018	Introduction to Excel	3
BUS-109	Introduction to Business	3
BUS-294	Business Law	3
BUS-058	Business English	3
BUS-059	Business Communications	3
BUS-091	Managing/Working in a Diverse Workforce	.5
BUS-092	Business Ethics	1.5
BUS-093	Dealing with Difficult People	1.5
BUS-095	Developing Customer Service Satisfaction	1.5
BUS-096	Time Management and Goal Setting	1.5
BUS-160	Personal Finance	3
BUS-185	Computer Assisted Accounting	3
ART-015	Graphic Design	3
CNT-030	Web Site Development-Part 1	1.5
CNT-031	Web Site Development-Part II	1.5
JOURN-100	Mass Communication	3
MANGT-050	Introduction to Supervision	3
MANGT-060	Making Effective Decisions	3
MANGT-065	Mastering Management's Essential Tools	3
MANGT-070	Relating in Human Terms	3
TOTAL UNITS FOR THE MAJOR		29-31.5
TOTAL UNITS FOR THE DEGREE		60
TOTAL UNITS FOR THIS CERTIFICATE		24-26.5

Program Student 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.

COURSE DESCRIPTIONS**BUS-018 Introduction to Excel**

54 total hours lecture, 18 total hours lab by arrangement
3 Units

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. May not be repeated. SC

LMC: DA

TRANSFER: CSU

BUS-027 Small Business Management

54 total hours lecture
3 Units

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. May not be repeated. SC

LMC: DA

TRANSFER: CSU

BUS-035 Microsoft Office

54 total hours lecture, 18 total hours lab
3 Units

ADVISORY: BUS-018 or experience with Microsoft Excel

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. May not be repeated. SC

LMC: DA

TRANSFER: CSU

BUS-035A Microsoft Word

18 total hours lecture, 27 total hours lab
1.5 Units

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. May not be repeated. SC

LMC: DA

TRANSFER: CSU

BUS-035B Microsoft Excel

18 total hours lecture, 27 total hours lab
1.5 Units

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. May not be repeated. SC

LMC: DA

TRANSFER: CSU

BUS-035C Microsoft Powerpoint

18 total hours lecture, 27 total hours lab
1.5 Units

ADVISORY: ENGL-C1000

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. May not be repeated. SC

LMC: DA

TRANSFER: CSU

BUS-052 Introduction to Entrepreneurship

54 total hours lecture
3 Units

ADVISORY: ENGL-C1000, BUS-109

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. May not be repeated. SC

LMC: DA

TRANSFER: CSU

BUS-058 Business English

54 total hours lecture
3 Units

This course emphasizes grammar with a specific focus on spelling, word usage, sentence structure, the eight parts of speech, and paragraph formation as a foundation for business situations. This course is highly focused on the technical aspects of proper writing and document construction similar to what one would find in a college English course with a concentration on preparing and enhancing business English skills for the workplace. This course is a hands on student experience allowing them to gain and improve relevant skills for today's dynamic organizations. May not be repeated. SC

LMC: DA

TRANSFER: CSU

BUS-059 Business Communications

54 total hours lecture
3 Units

ADVISORY: ENGL-C1000

This course presents the theoretical principles and real world application of effective, ethical, and diverse written and oral communication. This course enhances students in the art of clear, concise, and concrete linguistics including appropriate word usage and grammar. Topics include critical analysis of purposeful communication, cultural competency, audience and environment, personal perspectives, and message delivery for effective academic and professional communications. May not be repeated. SC

LMC: ADR: *English Composition, Oral Communication and Critical Thinking*; DA

TRANSFER: CSU; C-ID BUS 115

BUS-091 Managing and Working in a Diverse Workplace

27 total hours lecture
1.5 Unit

ADVISORY: ENGL-C1000

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. May not be repeated. P/NP

LMC: DA

TRANSFER: CSU

BUS-092 Business Ethics

27 total hours lecture

1.5 Unit

ADVISORY: ENGL-C1000

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. May not be repeated. P/NP

LMC: DA**TRANSFER:** CSU**BUS-093 Dealing with Difficult People**

27 total hours lecture

1.5 Unit

ADVISORY: ENGL-C1000

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. May not be repeated. P/NP

LMC: DA**TRANSFER:** CSU**BUS-094 Successful Virtual Worker**

27 total hours lecture

1.5 Units

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. May not be repeated. SC

LMC: DA**TRANSFER:** CSU**BUS-095 Developing Customer Service Satisfaction**

27 total hours lecture

1.5 Unit

ADVISORY: ENGL-C1000

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. May not be repeated. P/NP

LMC: DA**TRANSFER:** CSU**BUS-096 Time Management and Goal Setting**

27 total hours lecture

1.5 units

ADVISORY: ENGL-C1000

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. May not be repeated. P/NP

LMC: DA**TRANSFER:** CSU**BUS-097 Leading Virtual Teams**

27 total hours lecture

1.5 Unit

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. May not be repeated. SC

LMC: DA**TRANSFER:** CSU**BUS-098 Independent Study in Business**

.5-3 Units

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. SC

LMC: Independent study courses may be DA or transferable depending on specific course. See your counselor.

TRANSFER: Independent study courses may be DA or transferable depending on specific course. See your counselor.

BUS-109 Introduction to Business

54 total hours lecture

3 Units

ADVISORY: BUS-035C or BUS-035; ENGL-C1000

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. May not be repeated. SC

LMC: DA**TRANSFER:** UC; CSU; C-ID BUS 110

**BUS-129 Advanced Computer Assisted
Accounting & Certification-
QuickBooks**

18 total hours lecture, 6 total hours lab
3 Units

PREREQUISITE: BUS-185

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. May not be repeated. SC

LMC: DA

TRANSFER: CSU

BUS-160 Personal Finance

54 total hours lecture, 18 total hours lab
3 Units

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. May not be repeated. SC

LMC: DA

TRANSFER: CSU

**BUS-170 Work Experience
Education in Business**

54-216 total hours
1-4 Units

PREREQUISITE: *In order to enroll in a Work Experience Education course, students must be employed, register for the course, complete an online Work Experience Education Application, and participate in a Work Experience Education orientation. Students may earn one unit for 54 hours work per enrollment period. Does not meet requirements for veterans' benefits. Work Experience Education Application can be accessed at <https://www.losmedanos.edu/cwee/>. Students may earn up to 14 units of Work Experience Education per enrollment period.*

Note: Students must submit an online Work Experience application and attend a mandatory Orientation. Go to www.losmedanos.edu/cwee for information. Individual meetings and job site visit held with hours and location by arrangement.

The purpose of work experience education is to provide students with an integrated instructional program that provides opportunities to connect academic curricula to applied experiential learning in the workplace. Work experience education assists the student in developing career awareness, learning industry culture,

competencies and norms, and developing professional networks in their desired field to support career mobility. To participate in work experience education, students must be employed and undertake new or expanded responsibilities. Students, with faculty and employer approval, will develop and successfully complete learning objective(s). Each learning objective must be substantive in nature and linked in a way relevant to a student's educational pathway. See Work Experience Education website and student handbook for more information regarding variable unit registration based on hours worked. Work Experience education courses may be repeated subject to Title 5 Section 55040. SC

LMC: DA

TRANSFER: CSU

**BUS-180 Work Experience Internship in
Business**

54-216 total hours
1-4 Units

PREREQUISITE: *In order to enroll in a Work Experience Education course, students must be employed, register for the course, complete an online Work Experience Education Application, and participate in a Work Experience Education orientation. Students may earn one unit for 54 hours work per enrollment period. Does not meet requirements for veterans' benefits. Work Experience Education Application can be accessed at <https://www.losmedanos.edu/cwee/>. Students may earn up to 14 units of Work Experience Education per enrollment period.*

Note: Students must submit an online Work Experience application and attend a mandatory Orientation. Go to www.losmedanos.edu/cwee for information. Individual meetings and job site visit held with hours and location by arrangement.

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. The purpose of work experience education is to provide students with an integrated instructional program that provides opportunities to connect academic curricula to applied experiential learning in the workplace. Work experience education assists the student in developing career awareness, learning industry culture, competencies and norms, and developing professional networks in their desired field to support career mobility. To participate in work experience education, students must be employed and undertake new or expanded responsibilities. Students, with faculty and employer approval, will develop and successfully complete learning objective(s). Each learning objective must be substantive in nature and linked in a way relevant to a student's educational pathway. See Work Experience Education website and student handbook for more information regarding variable unit registration based on hours worked. Work experience education courses may be repeated subject to Title 5 section 55040 SC

LMC: DA

TRANSFER: CSU

BUS-181 Accounting: Applied Principles

54 total hours lecture, 18 total hours lab
3 Units

ADVISORY: ENGL-C1000

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. May not be repeated. SC

LMC: DA

TRANSFER: CSU

BUS-185 Computer Assisted Accounting-QuickBooks

36 total hours lecture, 54 total hours lab
3 Units

ADVISORY: BUS-018; BUS-186; ENGL-C1000

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. May not be repeated. SC

LMC: DA

TRANSFER: CSU

BUS-186 Financial Accounting

72 total hours lecture
4 Units

ADVISORY: BUS-181

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. May not be repeated. LR

LMC: DA

TRANSFER: UC; CSU; C-ID ACCT 110

BUS-187 Managerial Accounting

72 total hours lecture
4 Units

PREREQUISITE: BUS-186

ADVISORY: ENGL-C1000

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. May not be repeated. LR

LMC: DA

TRANSFER: UC; CSU; C-ID ACCT 120

BUS-188 Nonprofit and Government Accounting

72 total hours lecture
4 Units

PREREQUISITE: BUS-186

Accounting for non-profit and Government organizations introduces students to the basic concepts and techniques of fund accounting and the financial reporting for non-profit and governmental entities. The course focuses on the structure and utilization of financial information as it relates to the organizations, including: applying and identifying correct reporting and accounting standards; preparing fund basis and government-wide statements for local and state governments; and preparing transaction entries and financial statements for private not-for-profit organizations. May not be repeated. LR

LMC: DA

TRANSFER: CSU

BUS-294 Business Law

54 total hours lecture
3 Units

ADVISORY: BUS-109; ENGL-C1000

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. May not be repeated. SC

LMC: DA

TRANSFER: UC; CSU; C-ID BUS 120

Chemistry

DEGREE—Associate in Science for Transfer Chemistry

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:

- Completion of 60 semester units or 90 quarter units of degree-applicable courses,
- Minimum overall grade point average of 2.0,
- Minimum grade of "C" (or "P") for each course in the major, and
- Completion of California General Education Transfer Curriculum (Cal-GETC)

LMC students must follow and complete IGETC for STEM in order to achieve the Associate in Science in Chemistry for Transfer Degree.

REQUIRED COURSES:		UNITS
CHEM-025	General College Chemistry I	5
CHEM-026	General College Chemistry II	5
CHEM-028	Organic Chemistry I	5
CHEM-029	Organic Chemistry II	5
MATH-210	Calculus and Analytic Geometry I	4
MATH-220	Calculus and Analytic Geometry II	4
PHYS-040	Physics for Scientists and Engineers I	4
PHYS-041	Physics for Scientists and Engineers II	4
TOTAL UNITS FOR THE MAJOR		36
TOTAL UNITS FOR THE DEGREE		60

Program Student Learning Outcomes

1. Apply comprehensive understanding of chemistry concepts to solve complex problems.
2. Connect diverse disciplines (e.g., engineering, medicine, physics, biology) through the fundamental chemistry concepts and interactions that unite them.
3. Pursue discovery through the scientific method by creating and performing experiments (practicing proper safety and protecting the environment), interpreting and communicating the results measurement, and in the safe chemical practices in the laboratory, including waste handling and safety equipment.

COURSE DESCRIPTIONS

CHEM-006 Introduction to Inorganic and Physical Chemistry

54 total hours lecture, 72 total hours lab
4 Units

PREREQUISITE: *Elementary algebra or higher; eligibility for transfer-level mathematics*

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. May not be repeated. LR

LMC: ADR: *Natural Sciences; DA*

TRANSFER: UC; CSU; Cal-GETC Area 5A, 5C; C-ID CHEM 101

CHEM-007 Introduction to General, Organic and Biochemistry

54 total hours lecture, 72 total hours lab
4 Units

PREREQUISITE: *Elementary algebra or higher or eligibility for transfer-level mathematics*

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). May not be repeated. LR

LMC: ADR: *Natural Sciences; DA*

TRANSFER: UC, CSU; Cal-GETC Area 5A, 5C

CHEM-010 Science of Cooking

54 total hours lecture
3 Units

This course explores the chemistry of food and the cooking process from a scientific basis. The aim of this course is to explore the chemistry of food through lecture, discussion, and at home hands-on-activities. Students will be introduced to the Scientific Method; basic chemical concepts involving matter and energy with a focus on solutions; and to the basic food categories (carbohydrates, lipids, proteins, minerals and water). Students will explore taste and flavor and the use of various cooking methods. May not be repeated. LR

LMC: ADR: *Natural Sciences; DA*

TRANSFER: CSU

CHEM-011 Science of Cooking Laboratory

54 total hours lecture
1 Unit

CO-REQUISITE: CHEM-010
ADVISORY: ENGL-C1000

This course provides laboratory experience by exploring the chemistry of food and the cooking process from a scientific basis. Laboratory exercises include hands-on chemical experiments related to the basic food categories (carbohydrates, lipids, proteins, minerals and water). Lab activities analyze caffeine in coffee and tea, investigate the acid content (pH) of food and beverages, and make artificial flavors. Chem 10 and Chem 11, if both completed, meet the CSU general education requirement for physical science with laboratory. May not be repeated. LR

LMC: ADR: Natural Sciences; DA

CHEM-025 General College Chemistry 1

54 total hours lecture, 108 total hours lab
5 Units

PREREQUISITE: CHEM-006 or one year of High School chemistry and Intermediate algebra or higher; eligibility for transfer-level mathematics

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. May not be repeated. LR

LMC: ADR: Natural Sciences; DA

TRANSFER: UC; CSU; Cal-GETC Area 5A, 5C; C-ID CHEM 110, C-ID CHEM 120S

CHEM-026 General College Chemistry II

54 total hours lecture, 108 total hours lab
5 Units

PREREQUISITE: CHEM-025 or equivalent

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. May not be repeated. SC

LMC: ADR: Natural Sciences; DA

TRANSFER: UC; CSU; Cal-GETC Area 5A, 5C; C-ID CHEM 120S

CHEM-028 Organic Chemistry

54 total hours lecture, 108 total hours lab
5 Units

PREREQUISITE: CHEM-026

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. May not be repeated. LR

LMC: ADR: Natural Sciences; DA

TRANSFER: UC; CSU; Cal-GETC Area 5A, 5C; C-ID CHEM 150, C-ID CHEM 160S

CHEM-029 Organic Chemistry II

54 total hours lecture, 108 total hours lab
5 Units

PREREQUISITE: CHEM-028

CHEM-029 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. May not be repeated. LR

LMC: ADR: Natural Sciences; DA

TRANSFER: UC; CSU; Cal-GETC Area 5A, 5C; C-ID CHEM 160S

CHEM-098 Independent Study in Chemistry

.5-3 Units

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. SC

LMC: Independent study courses may be DA or transferable depending on specific course. See your counselor.

TRANSFER: Independent study courses may be DA or transferable depending on specific course. See your counselor.

Child Development

See Early Childhood Education

Communication Studies

DEGREE—Associate in Arts Degree for Transfer
Communication Studies 2.0

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 Communication.

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. Students who successfully complete these requirements will be confident and comfortable public speakers who are knowledgeable on the impact of communication theory and practice on society.

To earn the Associate Degree for Transfer:

- Completion of 60 semester units or 90 quarter units of degree-applicable courses,
- Minimum overall grade point average of 2.0,
- Minimum grade of "C" (or "P") for each course in the major, and
- Completion of California General Education Transfer Curriculum (Cal-GETC)

REQUIRED CORE COURSES:		6 UNITS
COMM-C1000	Introduction to Public Speaking	3
COMM-130	Interpersonal Communication	3
LIST A: SELECT THREE (9 UNITS)		9 UNITS
JOURN-100	Mass Communication	3
COMM-120	Argumentation and Debate	3
COMM-160	Speaking in the Community	3
COMM-150	Intercultural Communication	3
LIST B: SELECT ONE (3 UNITS)		3 UNITS
ANTHR-006	Cultural Anthropology	3
PSYC-C1000	Introduction to Psychology	3
SOCIO-015	Introduction to Sociology	3
JOURN-110	Writing for the Media	3
ENGL-230	Thinking and Writing Critically about Literature	3
or		
ENGL-C1001	Critical Thinking and Writing	3
TOTAL MAJOR UNITS		18
TOTAL UNITS FOR THE DEGREE		60

- * Writing for the Media should only be taken by students seeking Bachelor's Degree in Communication at a CSU with an emphasis in Journalism. If you are studying Communication in general, it is recommended that you take ENGL 230 or ENGL 221 to satisfy the List C requirement.
- ** All courses are offered in the academic year.

Program Student Learning Outcomes

1. Prepare appropriate and effective messages for a variety of communication contexts and modes.
2. Deliver effective messages that are adapted for a given audience and occasion.
3. Interpret and assess common types of public and communication messages.

COURSE DESCRIPTIONS

COMM-098 Independent Study in Speech

.5-3 Units

(formerly SPCH-098) 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. SC

LMC: Independent study courses may be DA or transferable depending on specific course. See your counselor.

TRANSFER: Independent study courses may be DA or transferable depending on specific course. See your counselor.

COMM-120 Argumentation and Debate

54 total hours lecture
3 Units

ADVISORY: ENGL-C1000; COMM-C1000
(formerly SPCH-120) 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. May not be repeated. SC

LMC: ADR: Social and Behavioral Sciences; DA

TRANSFER: UC; CSU; C-ID COMM 120

COMM-130 Interpersonal Communication

54 total hours lecture
3 Units

ADVISORY: ENGL-C1000

(formerly SPCH-130) 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. May not be repeated. SC

LMC: ADR: Arts and Humanities; DA

TRANSFER: UC; CSU Cal-GETC Area 4; C-ID COMM 130

COMM-150 Intercultural Communication

54 total hours lecture
3 Units

ADVISORY: ENGL-C1000; COMM-110

(formerly SPCH-150) This course explores the principles of intercultural communication through lecture, group, 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. May not be repeated. SC

LMC: ADR: Diverse Perspectives; DA

TRANSFER: UC; CSU Cal-GETC Area 4; C-ID COMM 150

COMM-160 Speaking in the Community

54 total hours lecture
3 Unit

ADVISORY: COMM-C1000; SPCH-120

(formerly SPCH-160) 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. May be repeated three times. SC

LMC: DA

TRANSFER: UC; CSU; C-ID COMM 160B

COMM-180 Introduction to Communication Studies

54 total hours lecture
3 Unit

ADVISORY: ENGL-C1000

(formerly SPCH-180) 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 specialization's of human communication as an academic field of study. May not be repeated. SC

LMC: ADR: Arts and Humanities; Social and Behavioral Sciences; DA

TRANSFER: CSU

COMM-C1000 Introduction to Public Speaking

54 total hours lecture
3 Unit

ADVISORY: ENGL-C1000

In this course, students learn and apply foundational rhetorical theories and techniques of public speaking in a multicultural democratic society. Students discover, develop, and critically analyze ideas in public discourse through research, reasoning, organization, composition, delivery to a live audience and evaluation of various types of speeches, including informative and persuasive speeches.

Part 2: (formerly SPCH-110). May not be repeated. SC

LMC: ADR: Arts and Humanities; English Composition, Oral Communication and Critical Thinking:

TRANSFER: UC; CSU; C-ID COMM 110, Cal-GETC Area 1C

Computer Science

DEGREE—Associate in Science Degree for Transfer
Computer Science

DEGREE—Associate of Science
Computer Applications Support Specialist
Information Technology

CERTIFICATE OF ACHIEVEMENT—Computer Science
Computer Applications Support Specialist (Basic)
Computer Applications Support Specialist (Advanced)
Information Technology (Basic)
Information Technology (Advanced)

COLLEGE SKILLS CERTIFICATES—Computer Science
Foundation
Game Design
Web Design

ASSOCIATE IN SCIENCE COMPUTER SCIENCE FOR TRANSFER DEGREE

The Associate in 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 to prepare students to transfer and study at a California State University. A baccalaureate degree is the recommended preparation for those considering professional careers in Computer Science.

To earn the Associate Degree for Transfer:

- Completion of 60 semester units or 90 quarter units of degree-applicable courses,
- Minimum overall grade point average of 2.0,
- Minimum grade of "C" (or "P") for each course in the major, and
- Completion of California General Education Transfer Curriculum (Cal-GETC)

Program Student Learning Outcomes

1. Be academically prepared to transfer to a Computer Science program at a four-year university.
2. Demonstrate the ability to solve a variety of problems using computational skills necessary for careers in computer science and other related fields.

REQUIRED CORE:		UNITS
COMSC-122	Programing Concepts & Methodologies I	3
COMSC-132	Programing Concepts & Methodologies II	3
COMSC-142	Computer Architecture and Organization	3
MATH-160	Discrete math	4
MATH-210	Calculus and Analytic Geometry I	4
MATH -220	Calculus and Analytic Geometry II	4
PHYS-040	Physics for Scientists and Engineers I	4
BIOSC-020	Principles of Biology: Cell and Molecular	5
or		
BIOSC-021	Principles of Biology: Organismal	5
TOTAL UNITS		30
TOTAL DEGREE UNITS		60

ASSOCIATE OF SCIENCE DEGREE COMPUTER APPLICATIONS SUPPORT SPECIALIST

The **Computer Applications Support Specialist** 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.

REQUIRED COURSES:		UNITS
COMSC-010	Computer Networking Fundamentals	3
COMSC-011	Introduction to Network Operating Systems	3
COMSC-012	Introduction to Information Systems Security	3
CNT-030	Web Site Development Part I	1.5
CNT-031	Web Site Development Part II	1.5
CNT-032	Web Site Development - Dreamweaver/Animate	3
CNT-037	Help Desk Customer Technical Support	3
COMSC-040	Introduction to Computer and Information Systems	4
CNT-061	Advanced Microcomputer Applications	3
COMSC-091	Information & Communication Technology Essentials	4
TOTAL UNITS:		30
TOTAL UNITS FOR THE DEGREE		60

Program Student 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.

ASSOCIATE OF SCIENCE DEGREE**INFORMATION TECHNOLOGY**

The **Information Technology** 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.

REQUIRED COURSES:		UNITS
COMSC-010	Computer Networking Fundamentals	3
COMSC-011	Introduction to Network Operating Systems	3
COMSC-012	Introduction to Information Systems Security	3
COMSC-040	Introduction to Computer and Information Systems	4
COMSC-091	Information & Communication Technology Essentials	4
COMSC-120	Computer Forensic Fundamentals	3
COMSC-121	Introduction to Cybersecurity – Ethical Hacking	3
BUS-059	Business Communications	3
STAT-C1000	Statistics	4
Choose one course from the following:		
COMSC-044	Introduction to C++ Programming	3
COMSC-051	Java for Programmers	3
COMSC-122	Programming Concepts & Methodologies I	3
TOTAL UNITS		33

Program Student 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.

CERTIFICATE OF ACHIEVEMENT**COMPUTER APPLICATIONS SUPPORT SPECIALIST (BASIC)**

REQUIRED COURSES:		UNITS
COMSC-010	Computer Networking Fundamentals	3
CNT-037	Help Desk Customer Technical Support	3
COMSC-040	Introduction to Computer and Information Systems	4
COMSC-091	Information & Communication Technology Essentials	4
TOTAL UNITS FOR THIS CERTIFICATE:		14

Program Student Learning Outcomes

1. Provide technical assistance and problem resolution regarding hardware, software, and networking at the workstation level.
2. Maintain problem tracking software applications.

CERTIFICATE OF ACHIEVEMENT**COMPUTER APPLICATIONS SUPPORT SPECIALIST (ADVANCED)**

REQUIRED COURSES:		UNITS
COMSC-010	Computer Networking Fundamentals	3
COMSC-011	Introduction to Network Operating Systems	3
COMSC-012	Introduction to Information Systems Security	3
CNT-030	Web Site Development - Part I	1.5
CNT-031	Web Site Development - Part II	1.5
CNT-032	Web Site Development - Dreamweaver/Animate	3
CNT-037	Help Desk Customer Technical Support	3
COMSC-040	Introduction to Computer and Information Systems	4
CNT-061	Advanced Microcomputer Applications	3
COMSC-091	Information & Communication Technology Essentials	4
TOTAL UNITS FOR THIS CERTIFICATE		29

Program Student 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.

CERTIFICATE OF ACHIEVEMENT**INFORMATION TECHNOLOGY (BASIC)**

REQUIRED COURSES:		UNITS
COMSC-010	Computer Networking Fundamentals	3
COMSC-040	Introduction to Computer and Information Systems	4
COMSC-091	Information & Communication Technology Essentials	4
Choose one course from the following:		
COMSC-044	Introduction to C++ Programming	3
COMSC-051	Java for Programmers	3
COMSC-122	Programming Concepts and Methodologies I	3
TOTAL UNITS FOR THIS CERTIFICATE		14

Program Student 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.

CERTIFICATE OF ACHIEVEMENT

INFORMATION TECHNOLOGY (ADVANCED))

REQUIRED COURSES:		UNITS
COMSC-010	Introduction to Computer Networking	3
COMSC-011	Introduction to Network Operating Systems	3
COMSC-012	Introduction to Information Systems Security	3
COMSC-040	Introduction to Computer and Information Systems	4
COMSC-091	Information & Communication Technology Essentials	4
COMSC-120	Introduction to Computer Forensics	3
COMSC-121	Introduction to Cybersecurity – Ethical Hacking	3
Choose one course from the following:		
COMSC-044	Introduction to C++ Programming	3
COMSC-051	Java for Programmers	3
COMSC-122	Programming Concepts and Methodologies I	3
TOTAL UNITS FOR THIS CERTIFICATE		26

Program Student 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.

COLLEGE SKILLS CERTIFICATES

COMPUTER SCIENCE

Foundation

REQUIRED COURSES:		UNITS
COMSC-040	Introduction to Computer and Information Systems	4
CNT-061	Advanced Microcomputer Applications	3
TOTAL UNITS REQUIRED FOR COLLEGE SKILLS CERTIFICATE		7

Program Student Learning Outcomes

1. Demonstrate technological proficiency operating a computer system using common operating systems and a range of applications.

Game Design

REQUIRED COURSES:		UNITS
COMSC-110	Gaming: An Introduction	3
COMSC-111	Gaming: Beginning Illustration and Storyboarding	3
COMSC-112	Gaming: Beginning Game Design	3
ART-020	Introduction to Drawing	3
ART-054	Adobe Photoshop	3
TOTAL UNITS REQUIRED FOR COLLEGE SKILLS CERTIFICATE		15

Program Student 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.

Web Design

REQUIRED COURSES:		UNITS
CNT-030	Web Site Development – Part I	1.5
CNT-031	Web Site Development – Part II	1.5
CNT-032	Web Site Development – Dreamweaver/Animation	3
TOTAL UNITS REQUIRED FOR COLLEGE SKILLS CERTIFICATE		6

Program Student Learning Outcomes

1. Demonstrate 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 web sites.
3. Use industry standard software for web development and build standard compliant web pages.

COURSE DESCRIPTIONS

CNT-030 Web Site Development-Part I

27 total hours lecture 1.5 Units

ADVISORY: ENGL-C1000

This course will teach students how to program web pages for the Internet using HTML5, Cascading Style Sheets (CSS), and other web software programs. Understanding the structure of HTML5 and CSS 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.

May not be repeated. SC

LMC: DA

TRANSFER: CSU

CNT-031 Web Site Development - Part II

27 total hours lecture, 54 total hours lab
1.5 Units

ADVISORY: CNT-030 or have experience with the Internet or experience with web-development software

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. May not be repeated. SC

LMC: DA

TRANSFER: CSU

**CNT-032 Web Site Development-
Dreamweaver/Animate**

54 total hours lecture 3 Units

ADVISORY: ENGL-C1000; CNT-030: CNT-031

This course teaches students how to design a professional-looking website integrating two web designing software computer programs - Adobe Dreamweaver and Adobe Animate, which are ideal web tools for Web Site Development. This software is used to create Web Sites with the most advanced designs possible on the Web. Adobe Animate 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. May not be repeated. SC

LMC: DA

TRANSFER: CSU

**CNT-037 Help Desk Customer Technical
Support**

36 total hours lecture, 54 total hours lab
3 Units

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. In addition, students will learn soft skills to improve employability in the I/T sector. May not be repeated. LR

LMC: DA

TRANSFER: CSU

**CNT-061 Advanced Microcomputer
Applications**

54 total hours lecture, 18 total hours lab
3 Units

ADVISORY: COMSC-060; ENGL-C1000

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. May not be repeated. SC

LMC: DA

TRANSFER: CSU

COMSC-010 Computer Network Fundamentals

36 total hours lecture, 54 total hours lab
3 Units

ADVISORY: ENGL-C1000

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. May not be repeated. LR

LMC: DA

TRANSFER: CSU

COMSC-011 Systems and Network Administration

36 total hours lecture, 54 total hours lab
3 Units

ADVISORY: ENGL-C1000; COMSC-040

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. May not be repeated. LR

LMC: DA

TRANSFER: CSU

COMSC-012 Introduction to Information Systems Security

36 total hours lecture, 54 total hours lab
3 Units

ADVISORY: ENGL-C1000; COMSC-010

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. May not be repeated. LR

LMC: DA

TRANSFER: CSU; C-ID ITIS 160

COMSC-040 Introduction to Computer and Information Systems

54 total hours lecture, 54 total hours lab
4 Units

ADVISORY: ENGL-C1000

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. May not be repeated. LR

LMC: DA

TRANSFER: CSU

COMSC-044 Introduction to C++ Programming

54 total hours lecture
3 Units

ADVISORY: ENGL-C1000

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. May not be repeated. SC

LMC: DA

TRANSFER: UC; CSU

COMSC-051 Java for Programmers

36 total hours lecture, 54 total hours lab
3 Units

ADVISORY: ENGL-C1000

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. May not be repeated. SC

LMC: DA

TRANSFER: UC; CSU

COMSC-091 Information & Communication Technology Essentials

54 total hours lecture, 54 total hours lab
4 Units

ADVISORY: COMSC-040, or working knowledge of PC systems and operating systems; ENGL-C1000

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. May not be repeated. LR

LMC: DA

TRANSFER: CSU; CID ITIS 110

COMSC-110 Gaming: An Introduction

54 total hours lecture, 18 total hours lab
3 Units

ADVISORY: COMSC-040; ENGL-C1000

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. May not be repeated. SC

LMC: DA

TRANSFER: UC; CSU

COMSC-111 Gaming: Beginning Illustration and Storyboarding

54 total hours lecture, 18 total hours lab
3 Units

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. May not be repeated. SC

LMC: DA

TRANSFER: CSU

COMSC-112 Gaming: Beginning Game Design

54 total hours lecture, 18 total hours lab
3 Units

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. May not be repeated. SC

LMC: DA

TRANSFER: CSU

COMSC-120 Computer Forensics Fundamentals

36 total hours lecture, 54 total hours lab
3 Units

ADVISORY: COMSC-040; ENGL-C1000

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. May not be repeated. LR

LMC: DA

TRANSFER: CSU; C-ID ITIS 165

COMSC-121 Introduction to Cybersecurity – Ethical Hacking

36 total hours lecture, 72 total hours lab
3 Units

ADVISORY: COMSC-120; COMSC-040

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. May not be repeated. LR

LMC: DA

TRANSFER: CSU; C-ID ITIS 164

COMSC-122 Programming Concepts & Methodologies I

54 total hours lecture
3 Units

ADVISORY: ENGL-C1000

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. May not be repeated. SC

LMC: DA

TRANSFER: UC; CSU; C-ID COMP 122; C-IDITIS 130

COMSC-132 Programming Concepts & Methodologies II

54 total hours lecture
3 Units

PREREQUISITE: COMSC-122 or equivalent

ADVISORY: ENGL-C1000

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. May not be repeated. SC

LMC: DA

TRANSFER: UC; CSU; C-ID COMP 132

COMSC-142 Computer Architecture and Organization

54 total hours lecture

3 Units

PREREQUISITE: COMSC-132**ADVISORY:** ENGL-C1000

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. May not be repeated. SC

LMC: DA**TRANSFER:** UC; CSU; C-ID COMP 142**COMSC-170 Work Experience Education in Computer Science**

54-216 total hours

1-4 Units

PREREQUISITE: *In order to enroll in a Work Experience Education course, students must be employed, register for the course, complete an online Work Experience Education Application, and participate in a Work Experience Education orientation. Students may earn one unit for 54 hours work per enrollment period. Does not meet requirements for veterans' benefits. Work Experience Education Application can be accessed at <https://www.losmedanos.edu/cwee/>. Students may earn up to 14 units of Work Experience Education per enrollment period.*

Note: Students must submit an online Work Experience application and attend a mandatory Orientation. Go to www.losmedanos.edu/cwee for information. Individual meetings and job site visit held with hours and location by arrangement.

The purpose of work experience education is to provide students with an integrated instructional program that provides opportunities to connect academic curricula to applied experiential learning in the workplace. Work experience education assists the student in developing career awareness, learning industry culture, competencies and norms, and developing professional networks in their desired field to support career mobility. To participate in work experience education, students must be employed and undertake new or expanded responsibilities. Students, with faculty and employer approval, will develop and successfully complete learning objective(s). Each learning objective must be substantive in nature and linked in a way relevant to a student's educational pathway. See Work Experience Education website and student handbook for more information regarding variable unit registration based on hours worked. Work Experience education courses may be repeated subject to Title 5 Section 55040. SC

LMC: DA**TRANSFER:** CSU**COMSC-180 Work Experience Internship in Computer Science**

54-216 total hours

1-4 Units

PREREQUISITE: *In order to enroll in a Work Experience Education course, students must be employed, register for the course, complete an online Work Experience Education Application, and participate in a Work Experience Education orientation. Students may earn one unit for 54 hours work per enrollment period. Does not meet requirements for veterans' benefits. Work Experience Education Application can be accessed at <https://www.losmedanos.edu/cwee/>. Students may earn up to 14 units of Work Experience Education per enrollment period.*

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. The purpose of work experience education is to provide students with an integrated instructional program that provides opportunities to connect academic curricula to applied experiential learning in the workplace. Work experience education assists the student in developing career awareness, learning industry culture, competencies and norms, and developing professional networks in their desired field to support career mobility. To participate in work experience education, students must be employed and undertake new or expanded responsibilities. Students, with faculty and employer approval, will develop and successfully complete learning objective(s). Each learning objective must be substantive in nature and linked in a way relevant to a student's educational pathway. See Work Experience Education website and student handbook for more information regarding variable unit registration based on hours worked. Work experience education courses may be repeated subject to Title 5 section 55040 SC SC

LMC: DA**TRANSFER:** CSU

Construction Noncredit

CERTIFICATE OF COMPLETION NONCREDIT

Construction Pre-Apprenticeship

CERTIFICATE OF COMPLETION NONCREDIT CONSTRUCTION PRE-APPRENTICESHIP

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 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.

REQUIRED COURSES:		HOURS
CONST-010N	Applied Construction Pre-Apprenticeship Fundamentals	96
CONST-012N	Applied Construction Pre-Apprenticeship Skills	96
CONST-015N	Forklift Operations	16
CONST-016N	Forklift Operations Lab	12
TOTAL HOURS:		220

Program Student 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.

COURSE DESCRIPTIONS

CONST-010N Construction Pre-Apprenticeship Fundamentals

96 total hours
0 Units

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. P/NP/SP

LMC: NC

CONST-012N Applied Construction Pre-Apprenticeship Skills

96 total hours
0 Units

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. P/NP/SP

LMC: NC

CONST-015N Forklift Operations

16 total hours
0 Units

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. P/NP/SP

LMC: NC

CONST-016N Forklift Operations Lab

12 total hours
0 Units

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. P/NP/SP

LMC: NC

Counseling

COURSE DESCRIPTIONS

COUNS-030 Orientation to College

27 total hours lecture

1.5 Units

ADVISORY: *Students are strongly encouraged to complete the online orientation and guided self-placements for math and English prior to enrolling in this course.*

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. May not be repeated. SC

LMC: DA

TRANSFER: CSU

COUNS-031 Educational Planning

6 total hours lecture

.3 Unit

ADVISORY: *Students are strongly encouraged to complete the online orientation and math and English assessments prior to enrolling in this course.*

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. May not be repeated. SC

LMC: NDA

COUNS-032 Introduction to Career Exploration

27 total hours lecture

1.5 Units

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. May not be repeated. P/NP

LMC: DA

TRANSFER: CSU

COUNS-033 Transfer Planning

27 total hours lecture

1.5 Units

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. May not be repeated. SC

LMC: DA

TRANSFER: CSU

COUNS-034 College Success

27 total hours lecture

1.5 Units

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. May not be repeated. P/NP

LMC: DA

TRANSFER: CSU

COUNS-035 Theories and Application of Learning in College

54 total hours lecture

3 Units

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. May not be repeated. SC

LMC: DA

TRANSFER: UC; CSU

COUNS-036 Career & Life Planning

54 total hours lecture

3 Units

ADVISORY: *ENGL-C1000 or equivalent*

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. SC

LMC: DA

TRANSFER: UC; CSU

COUNS-038 Managing Anxiety and Stress for College Success

54 total hours lecture
3 Units

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. May not be repeated. SC

LMC: DA

TRANSFER: CSU

COUNS-045 MESA/STEM Scholars Success

27 total hours lecture
1.5 Units

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. May not be repeated. SC

LMC: DA

COUNS-098 Independent Study in Counseling

.5-3 Units

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. SC

LMC: *Independent study courses may be DA or transferable depending on specific course. See your counselor.*

TRANSFER: *Independent study courses may be DA or transferable depending on specific course. See your counselor.*

COUNS-101 Theories and Applications of Counseling

54 total hours lecture
3 Units

Whether you are setting off on a career in counseling or simply curious about the human experience, this course will launch you into the cosmos of counseling theories. Expect to emerge with a deeper understanding of yourself and those around you. Theories of Counseling is designed to provide students with an understanding of various counseling theories and approaches that guide the practice of counseling. This course will cover foundational principles, concepts, and techniques that underpin different therapeutic perspectives, enabling students to develop a well-rounded understanding of how to approach mental health and emotional well-being in diverse populations. May not be repeated. SC

LMC: DA

TRANSFER: CSU

Counseling Noncredit

CERTIFICATE OF COMPLETION NONCREDIT

College & Career Preparation

**CERTIFICATE OF COMPLETION NONCREDIT
COLLEGE & CAREER PREPARATION**

This non-credit 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.

REQUIRED COURSES:		HOURS
COUNS-032N	Introduction to Career Exploration	27
And one (1) of the following courses:		
COUNS-030N	Orientation to College	27
COUNS-034N	College Success	27
TOTAL HOURS:		54

Program Student 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, or 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.

COURSE DESCRIPTIONS

COUNS-030N Orientation to College

27 total hours
0 Units

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. P/NP/SP

LMC: NC

COUNS-032N Introduction to Career Exploration

27 total hours
0 Units

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. P/NP/SP

LMC: NC

COUNS-034N College Success

27 total hours
0 Units

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. P/NP/SP

LMC: NC

Dramatic Arts

DEGREE--Associate in Arts Degree for Transfer
Theatre Arts

DEGREE--Associate of Arts
Acting

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 East Bay. 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.

ASSOCIATE IN ARTS
THEATRE ARTS FOR TRANSFER DEGREE

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 General Education Transfer Curriculum Pattern to prepare students to take upper division courses at a California State University or University of California. 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:

- Completion of 60 semester units or 90 quarter units of degree-applicable courses,
- Minimum overall grade point average of 2.0,
- Minimum grade of "C" (or "P") for each course in the major, and
- Completion of California General Education Transfer Curriculum (Cal-GETC)

REQUIRED COURSES:		UNITS
DRAMA-016	Theatre Appreciation	3
DRAMA-020	Principles of Acting I	3
TOTAL UNITS		9
SELECT THREE COURSES:		UNITS
DRAMA-021	Principles of Acting II	3
DRAMA-040	Theatrical Stagecraft	3
DRAMA-041	Theatrical Design	3
DRAMA-051	Theatrical Production II: Intermediate Acting for Performance	3
TOTAL UNITS FOR THE MAJOR:		18
TOTAL UNITS FOR THE DEGREE:		60

Program 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 four-year theatre or film program, with an advanced standing.

ASSOCIATE OF ARTS

ACTING

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.

REQUIRED COURSES:		UNITS
DRAMA-020	Principles of Acting 1	3
DRAMA-021	Principles of Acting 2	3
DRAMA-022	Principles of Voice for Acting	3
DRAMA-023	Principles of Improvisation and Movement	3
DRAMA-061	Directing and Collaborative Project	3
Choose one course from the following:		
DRAMA-015	Multicultural Perspectives in Theatre	3
DRAMA-016	Theatre Appreciation	3
TOTAL UNITS FOR THE MAJOR:		18
TOTAL UNITS FOR THE DEGREE:		60

Program 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 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.

COURSE DESCRIPTIONS

DRAMA-015 Multicultural Perspectives within Theatre

54 total hours lecture
3 Units

ADVISORY: ENGL-C1000

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. May not be repeated. SC

LMC: ADR: Arts and Humanities; Diverse Perspectives; DA
TRANSFER: UC; CSU; Cal-GETC Area 3A

DRAMA-016 Theatre Appreciation

54 total hours lecture
3 Units

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. May not be repeated. SC

LMC: ADR: Arts and Humanities; DA
TRANSFER: UC; CSU; Cal-GETC Area 3A; C-ID THTR 111

DRAMA-020 Principles of Acting I

36 total hours lecture, 54 total hours lab
3 Units

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. May not be repeated. LR

LMC: DA
TRANSFER: UC; CSU; C-ID THTR 151

DRAMA-021 Principles of Acting 2

36 total hours lecture, 54 total hours lab
3 Units

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. May not be repeated. LR

LMC: DA

TRANSFER: UC; CSU; C-ID THTR 152

DRAMA-022 Principles of Voice for Acting

36 total hours lecture, 54 total hours lab
3 Units

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 Rodenburg, and Cicely Berry. May not be repeated. LR

LMC: DA

TRANSFER: UC; CSU

DRAMA-023 Principles of Improvisation and Movement

36 total hours lecture, 54 total hours lab
3 Units

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. May not be repeated. LR

LMC: DA

TRANSFER: UC; CSU

DRAMA-030 Chicano/a Mexican American Cinema: A Critical Analysis

54 total hours lecture
3 Units

ADVISORY: ENGL-C1000

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. May not be repeated. SC

LMC: ADR: *Diverse Perspectives*; DA

TRANSFER: UC; CSU; Cal-GETC Area 3B.

DRAMA-040 Theatrical Stagecraft

18 total hours lecture, 108 total hours lab
3 Units

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. May not be repeated. LR

LMC: DA

TRANSFER: UC; CSU; C-ID THTR 171

DRAMA-041 Theatrical Design

18 total hours lecture, 108 total hours lab
3 Units

ADVISORY: ENGL-C1000

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. May not be repeated. LR

LMC: DA

TRANSFER: UC; CSU; C-ID THTR 172

DRAMA-050 Theatrical Production I: Beginning Acting for Performance

162 total hours lab
3 Units

ADVISORY: Enrollment in either DRAMA-040 or 041; ENGL-C1000

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. May not be repeated. LR

LMC: DA

TRANSFER: UC; CSU; C-ID THTR 191

DRAMA-051 Theatrical Production II: Intermediate Acting for Performance

162 total hours lab

3 Units

ADVISORY: *Prior or concurrent enrollment in either DRAMA-040 or DRAMA-041; ENGL-C1000*

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. May not be repeated. LR

LMC: DA

TRANSFER: UC; CSU; C-ID THTR 191

DRAMA-060 Directing for the Stage

36 total hours lecture, 54 total hours lab

2 Units

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. May not be repeated. SC

LMC: DA

TRANSFER: UC; CSU

DRAMA-061 Directing and Collaborative Project

18 total hours lecture, 108 total hours lab

3 Units

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. May not be repeated. LR

LMC: DA

TRANSFER: UC; CSU

DRAMA-062 Directing Workshop

108 total hours lab

2 Units

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. May not be repeated. SC

LMC: DA

TRANSFER: UC; CSU

DRAMA-070 Film as an International Art Form

36 total hours lecture, 54 total hours lab

3 Units

ADVISORY: ENGL-C1000

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, screen writing, acting for the camera are also discussed in relationship to the films being studied. May not be repeated. LR

LMC: ADR: Arts and Humanities; DA

TRANSFER: UC; CSU; Cal-GETC Area 3A

DRAMA-098 Independent Study in Dramatic Arts

.5-3 Units

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. SC

LMC: *Independent study courses may be DA or transferable depending on specific course. See your counselor.*

TRANSFER: *Independent study courses may be DA or transferable depending on specific course. See your counselor.*

Early Childhood Education/Child Development

DEGREE—Associate in Science for Transfer

Early Childhood Education
Associate in Science
Early Childhood Education Master Teacher
Early Childhood Education Site Supervisor

CERTIFICATE OF ACHIEVEMENT—Early Childhood Education

Early Childhood Education Master Teacher
Early Childhood Education Site Supervisor

COLLEGE SKILLS CERTIFICATES—Child Development

Administration and Leadership of Early Childhood Education Programs
Assistant Teacher Permit Coursework
Associate Teacher Permit Coursework
Specialization: Infant and Toddler Care and Education
Specialization: Curriculum in Early Childhood Education
Specialization: Special Needs Early Care and Education
Specialization: Trauma Informed Practitioner

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 TK 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 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.

ASSOCIATE IN SCIENCE

EARLY CHILDHOOD EDUCATION FOR TRANSFER DEGREE

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 Cal-GETC 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:

- Completion of 60 semester units or 90 quarter units of degree-applicable courses,
- Minimum overall grade point average of 2.0,
- Minimum grade of "C" (or "P") for each course in the major, and
- Completion of California General Education Transfer Curriculum (Cal-GETC)

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 Credentials. 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.

REQUIRED COURSES:		UNITS
CHDEV/ECE-010	Child Growth and Development	3
CHDEV/ECE-020	Child Family and Community	3
ECE-001	Principles and Practices of Teaching Young Children	3
ECE-062	Introduction to Curriculum	3
ECE-011	Observation and Assessment	3
ECE-090	Student Teaching Practicum in Early Childhood Education	4
ECE-065	Health, Safety and Nutrition in Early Childhood Programs	3
CHDEV/ECE-050	Teaching in a Diverse Society	3
TOTAL UNITS FOR THE MAJOR		25
TOTAL UNITS FOR THE DEGREE		60

Program Student 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.

ASSOCIATE IN SCIENCE**EARLY CHILDHOOD EDUCATION MASTER TEACHER**

The Associate in Science in Early Childhood Education Master Teacher prepares students for mid-level career options in transitional kindergarten classrooms as an aide, infant and toddler programs, 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 Master Teacher level permit on the Child Development Permit Matrix from the State of California Commission on Teacher Credentials. 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, adult supervision, and specialization coursework.

To earn the Associate of Science in Early Childhood Education Master Teacher:

- Completion of 60 semester units or 90 quarter units of degree-applicable courses,
- Minimum overall grade point average of 2.0,
- Minimum grade of "C" (or "P") for each course in the major, and
- Completion of the California State General Education Pattern
- Completion of the required 35 units of Early Childhood Education coursework

REQUIRED COURSES:		UNITS
ECE-001	Principles and Practices of Teaching Young Children	3
ECE-011	Observation and Assessment	3
ECE-030	Trauma Informed Practitioner: Foundations	3
ECE-031	Trauma Informed Practitioner: Practices and Strategies	3
ECE-040	Infant and Toddler Development	3
ECE-041	Curriculum and Strategies for Infants/Toddlers	3
ECE-055	Introduction to Children with Special Needs	3
ECE-057	Curriculum and Strategies for Children with Special Needs	3
ECE-062	Introduction to Curriculum	3
ECE-065	Health, Safety, and Nutrition in Early Childhood Programs	3
ECE-092	Adult Supervision / Mentor Teacher Training	2
Select one required course below:		
ECE-010	Child Growth and Development	3
CHDEV-010	Child Growth and Development	3
Select one required course below:		
ECE-020	Child, Family and Community	3
CHDEV-020	Child, Family and Community	3
Select one required course below:		
ECE-050	Teaching in a Diverse Society	3
CHDEV-050	Teaching in a Diverse Society	3
TOTAL UNITS FOR THE MAJOR		35
TOTAL UNITS FOR THE DEGREE		60

Program Student Learning Outcomes

1. Complete the coursework to obtain a Master Teacher level permit on the Child Development Permit Matrix from the State of California Commission on Teacher Credentials.
2. Apply critical thinking to research, observe, assess, evaluate, and synthesize early learning and child development information (for all children including specialized populations of children: infants and toddlers, and/or children with special needs, and/or children who have been exposed to trauma).
3. Utilize effective written and verbal communication techniques to ensure optimum communication with children, families, and professional colleagues (for all children including specialized populations of children: infants and toddlers, and/or children with special needs, and/or children who have been exposed to trauma).
4. Select, develop, and or use equipment, curriculum, assessment, materials, technology and or environments that are culturally relevant and developmentally appropriate (for all children including specialized populations of children: infants and toddlers, and/or children with special needs, and/or children who have been exposed to trauma).

ASSOCIATE IN SCIENCE**EARLY CHILDHOOD EDUCATION SITE SUPERVISOR**

The Associate in Science in Early Childhood Education Site Supervisor prepares students for leadership career options in infant and toddler programs. Childcare, preschool education, and before and after school programs. Upon completion of this program, students will be eligible to apply for the Site Supervisor level permit on the Child Development Permit Matrix from the State of California Commission on Teacher Credentials. 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, adult supervision, administration, and specialization coursework.

To earn the Associate of Science in Early Childhood Education Site Supervisor:

- Completion of 60 semester units or 90 quarter units of degree-applicable courses,
- Minimum overall grade point average of 2.0,
- Minimum grade of "C" (or "P") for each course in the major, and
- Completion of the required 35 units of Early Childhood Education coursework.

REQUIRED COURSES:		UNITS
ECE-001	Principles and Practices of Teaching Young Children	3
ECE-011	Observation and Assessment	3
ECE-030	Trauma Informed Practitioner: Foundations	3
ECE-031	Trauma Informed Practitioner: Practices and Strategies	3
ECE-040	Infant and Toddler Development	3
ECE-041	Curriculum and Strategies for Infants/Toddlers	3
ECE-055	Introduction to Children with Special Needs	3
ECE-057	Curriculum and Strategies for Children with Special Needs	3

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ECE-062	Introduction to Curriculum	3
ECE-065	Health, Safety, and Nutrition in Early Childhood Programs	3
ECE-092	Adult Supervision / Mentor Teacher Training	2
ECE-095	Administration of Early Childhood Programs	3
ECE-096	Staff Development and Leadership in Early Childhood Programs	3
Select one required course below:		
ECE-010	Child Growth and Development	3
CHDEV-010	Child Growth and Development	3
Select one required course below:		
ECE-020	Child, Family and Community	3
CHDEV-020	Child, Family and Community	3
Select one required course below:		
ECE-050	Teaching in a Diverse Society	3
CHDEV-050	Teaching in a Diverse Society	3
TOTAL UNITS FOR THE MAJOR		30
TOTAL UNITS FOR THE DEGREE		60

Program Student Learning Outcomes

1. Complete the coursework to obtain a Site Supervisor level permit on the Child Development Permit Matrix from the State of California Commission on Teacher Credentials.
2. Apply critical thinking to research, observe, assess, evaluate, and synthesize early learning and child development information (for all children including specialized populations of children: infants and toddlers, and/or children with special needs, and/or children who have been exposed to trauma) and direct/supervise an early childhood program.
3. Utilize effective written and verbal communication techniques to ensure optimum communication with children, families, and professional colleagues (for all children including specialized populations of children: infants and toddlers, and/or children with special needs, and/or children who have been exposed to trauma) and to direct/supervise an early childhood program.
4. Select, develop, and or use equipment, curriculum, assessment, materials, technology, and/or environments that are culturally relevant and developmentally appropriate (for all children including specialized populations of children: infants and toddlers, and/or children with special needs, and/or children who have been exposed to trauma).

CERTIFICATE OF ACHIEVEMENT

EARLY CHILDHOOD EDUCATION

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.

REQUIRED COURSES: FIRST SEMESTER		UNITS
ECE-001	Principles and Practices of Teaching Young Children	3
CHDEV/ECE-010	Child Growth and Development	3

REQUIRED COURSES: SECOND SEMESTER		UNITS
CHDEV/ECE-020	Child, Family & Community	3
ECE-062	Introduction to Curriculum	3

REQUIRED COURSES: THIRD SEMESTER		UNITS
ECE-050	Teaching in a Diverse Society	3
ECE-011	Observation & Assessment	3

REQUIRED COURSES: FOURTH SEMESTER		UNITS
ECE-065	Health, Safety and Nutrition in Early Childhood Programs	3
ECE-090	Student Teaching Practicum in Early Childhood Education	4
TOTAL UNITS FOR THIS CERTIFICATE		25

Program Student Learning Outcomes

1. Obtain, maintain, and advance in permit licensure and 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 verbal and written communication techniques to ensure optimal communication with children, families and colleagues.
4. Select, develop, and or use equipment, curriculum, assessment, materials, technology and or environments that are cultural relevant and developmentally appropriate.

Child Development Electives

THESE COURSES MAY BE TAKEN TO FULFILL SPECIALIZATION OR TO MEET PROFESSIONAL DEVELOPMENT REQUIREMENTS:

ECE-022	Relationship-Based Discipline Strategies For Children	2
ECE-035	Science & Math for Young Children	3
ECE-040	Infant and Toddler Development	3
ECE-041	Developmentally Appropriate Practices For Infants and Toddlers	3
ECE-055	Introduction to Children with Special Needs	3
ECE-057	Curriculum and Strategies for Children with Special Needs	3
ECE-083	Field Experience in Early Childhood Programs	2
ECE-092	Adult Supervision/Mentor Teacher Training	2
ECE-095	Administration of Early Childhood Programs	3
ECE-096	Supervision and Leadership in Early Childhood Programs	3

CERTIFICATE OF ACHIEVEMENT**EARLY CHILDHOOD EDUCATION SITE SUPERVISOR**

The Certificate of Achievement in Early Childhood Education Site Supervisor prepares students for a leadership role in infant and toddler programs, child care, preschool education, and before and after school programs. 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, adult supervision, administration, and specialization coursework.

REQUIRED COURSES:		UNITS
ECE-001	Principles and Practices of Teaching Young Children	3
ECE-062	Introduction to Curriculum	3
ECE-011	Observation and Assessment	3
ECE-065	Health, Safety, and Nutrition in Early Childhood Programs	3
ECE-092	Adult Supervision / Mentor Teacher Training	2
ECE-095	Administration of Early Childhood Programs	3
ECE-096	Staff Development and Leadership in Early Childhood Programs	3
Select one required course below:		
ECE-010	Child Growth and Development	3
CHDEV-010	Child Growth and Development	3
Select one required course below:		
ECE-020	Child, Family and Community	3
CHDEV-020	Child, Family and Community	3
Select one required course below:		
ECE-050	Teaching in a Diverse Society	3
CHDEV-050	Teaching in a Diverse Society	3
CHOOSE 1 OF THE FOLLOWING GROUPINGS IN INFANT/TODDLER CARE & EDUCATION (TOTAL 6)		
Complete all of the following:		
ECE-040	Infant and Toddler Development	3
ECE-041	Curriculum and Strategies for Infants/Toddlers	3
or Complete all of the following:		
ECE-030	Trauma Informed Practitioner: Foundations	3
ECE-031	Trauma Informed Practitioner: Practices and Strategies	3
or Complete all of the following:		
ECE-055	Introduction to Children with Special Needs	3
ECE-057	Curriculum and Strategies for Children with Special Needs	3
TOTAL UNITS FOR THE MAJOR		35
TOTAL UNITS FOR THE DEGREE		35

Program Student Learning Outcomes

1. Complete the Early Childhood Education coursework to obtain a Site Supervisor level permit on the Child Development Permit Matrix from the State of California Commission on Teacher Credentials.
2. Apply critical thinking to research, observe, assess, evaluate, and synthesize early learning and child development information (for all children including specialized populations of children: infants and toddlers, and/or children with special needs, and/or children who have been exposed to trauma) and direct/supervise an early childhood program.

3. Utilize effective written and verbal communication techniques to ensure optimum communication with children, families, and professional colleagues (for all children including specialized populations of children: infants and toddlers, and/or children with special needs, and/or children who have been exposed to trauma) and to direct/supervise an early childhood program.
4. Select, develop, and or use equipment, curriculum, assessment, materials, technology, and/or environments that are culturally relevant and developmentally appropriate (for all children including specialized populations of children: infants and toddlers, and/or children with special needs, and/or children who have been exposed to trauma).

CERTIFICATE OF ACHIEVEMENT**EARLY CHILDHOOD EDUCATION MASTER TEACHER**

The Certificate of Achievement in Early Childhood Education Master Teacher prepares students for infant and toddler programs. Child care, preschool education, special education, and before and after school programs. 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, adult supervision, and specialization coursework.

ECE-001	Principles and Practices of Teaching Young Children	3
ECE-062	Introduction to Curriculum	3
ECE-011	Observation and Assessment	3
ECE-065	Health, Safety, and Nutrition in Early Childhood Programs	3
ECE-092	Adult Supervision / Mentor Teacher Training	2

Select one required course below:

ECE-010	Child Growth and Development	3
CHDEV-010	Child Growth and Development	3

Select one required course below:

ECE-020	Child, Family and Community	3
CHDEV-020	Child, Family and Community	3

Select one required course below:

ECE-050	Teaching in a Diverse Society	3
CHDEV-050	Teaching in a Diverse Society	3

CHOOSE 1 OF THE FOLLOWING GROUPINGS IN INFANT/TODDLER CARE & EDUCATION (TOTAL 6)**Complete all of the following:**

ECE-040	Infant and Toddler Development	3
ECE-041	Curriculum and Strategies for Infants/Toddlers	3

or Complete all of the following:

ECE-030	Trauma Informed Practitioner: Foundations	3
ECE-031	Trauma Informed Practitioner: Practices and Strategies	3

or Complete all of the following:

ECE-055	Introduction to Children with Special Needs	3
ECE-057	Curriculum and Strategies for Children with Special Needs	3

TOTAL UNITS FOR THE MAJOR		35
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TOTAL UNITS FOR THE DEGREE		35
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Program Student Learning Outcomes

1. Complete the Early Childhood Education coursework to obtain a Site Supervisor level permit on the Child Development Permit Matrix from the State of California Commission on Teacher Credentials.
2. Apply critical thinking to research, observe, assess, evaluate, and synthesize early learning and child development information (for all children including specialized populations of children: infants and toddlers, and/or children with special needs, and/or children who have been exposed to trauma).
3. Utilize effective written and verbal communication techniques to ensure optimum communication with children, families, and professional colleagues (for all children including specialized populations of children: infants and toddlers, and/or children with special needs, and/or children who have been exposed to trauma)
4. Select, develop, and or use equipment, curriculum, assessment, materials, technology and or environments that are culturally relevant and developmentally appropriate (for all children including specialized populations of children: infants and toddlers, and/or children with special needs, and/or children who have been exposed to trauma).

COLLEGE SKILLS CERTIFICATES**CHILD DEVELOPMENT**

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 Credentials. Contact the LMC Child Development Department for application assistance.

Assistant Teacher Permit Coursework

REQUIRED COURSES:		UNITS
ECE-001	Principles and Practices of Teaching Young Children	3
CHDEV/ECE-010	Child Growth and Development	3
TOTAL UNITS REQUIRED FOR COLLEGE SKILLS CERTIFICATE		6

Program Student Learning Outcomes

1. Obtain permit qualifications at the Assistant Teacher level.

Associate Teacher Permit Coursework

REQUIRED COURSES:		UNITS
ECE-001	Principles and Practices of Teaching Young Children	3
CHDEV/ECE-010	Child Growth and Development	3
CHDEV/ECE-020	Child, Family, and Community	3
ECE-062	Introduction to Curriculum	3
TOTAL UNITS REQUIRED FOR COLLEGE SKILLS CERTIFICATE		12

Program Student Learning Outcomes

1. Obtain permit qualifications at the Associate Teacher level.

Administration and Leadership of Early Childhood Education Programs

REQUIRED COURSES:		UNITS
ECE-095	Administration of Early Childhood Programs	3
ECE-096	Supervision and Leadership in Early Childhood Programs	3
TOTAL UNITS REQUIRED FOR COLLEGE SKILLS CERTIFICATE		6

Program Student Learning Outcomes

1. Advance in qualifications towards permit licensure as a Program Director or Site Supervisor.

Specialization: Infant and Toddler Care and Education

REQUIRED COURSES:		UNITS
ECE-040	Infant and Toddler Care and Development	3
ECE-041	Developmentally Appropriate Practices For Infants and Toddlers	3
TOTAL UNITS REQUIRED FOR COLLEGE SKILLS CERTIFICATE		6

Program Student Learning Outcomes

1. Select, develop, and/or use educational equipment, curriculum, assessments, materials, technology, and environments that are culturally relevant and developmentally appropriate for infant/toddler care and education.

Specialization: Curriculum in Early Childhood Education

SELECT 3 COURSES FROM:		
ECE-022	Relationship-Based Discipline Strategies for Children	2
ECE-035	Science & Math for Young Children	3
TOTAL UNITS REQUIRED FOR COLLEGE SKILLS CERTIFICATE		5

Program Student 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.

Specialization: Special Needs Early Care & Education

REQUIRED COURSES:		UNITS
ECE-055	Introduction to Children with Special Needs	3
ECE-057	Curriculum and Strategies for Children with Special Needs	3
TOTAL UNITS REQUIRED FOR COLLEGE SKILLS CERTIFICATE		6

Program Student 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.

Specialization: Trauma Informed Practitioner

REQUIRED COURSES:	UNITS
CHDEV/ECE-030 Trauma Informed Practitioner: Foundations	3
CHDEV/ECE-031 Trauma Informed Practitioner: Practices and Strategies	3
TOTAL UNITS REQUIRED FOR COLLEGE SKILLS CERTIFICATE	6

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 Credentials. Contact the LMC Child Development Department for application assistance.

Program Student 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.

COURSE DESCRIPTIONS**CHDEV-098 Independent Study in Child Development**

.5-3 Units

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. SC

LMC: Independent study courses may be DA or transferable depending on specific course. See your counselor.

TRANSFER: Independent study courses may be DA or transferable depending on specific course. See your counselor.

CHDEV-170 Work Experience Education in Child Development

54-216 total hours

1-4 Units

PREREQUISITE: In order to enroll in a Work Experience Education course, students must be employed, register for the course, complete an online Work Experience Education Application, and participate in a Work Experience Education orientation. Students may earn one unit for 54 hours work per enrollment period. Does not meet requirements for veterans' benefits. Work Experience Education Application can be accessed at <https://www.losmedanos.edu/cwee/>. Students may earn up to 14 units of Work Experience Education per enrollment period.

Note: Students must submit an online Work Experience application and attend a mandatory Orientation. Go to www.losmedanos.edu/cwee for information. Individual meetings and job site visit held with hours and location by arrangement.

The purpose of work experience education is to provide students with an integrated instructional program that provides opportunities to connect academic curricula to applied experiential learning in the workplace. Work experience education assists the student in developing career awareness, learning industry culture, competencies and norms, and developing professional networks in their desired field to support career mobility. To participate in work experience education, students must be employed and undertake new or expanded responsibilities. Students, with faculty and employer approval, will develop and successfully complete learning objective(s). Each learning objective must be substantive in nature and linked in a way relevant to a student's educational pathway. See Work Experience Education website and student handbook for more information regarding variable unit registration based on hours worked. Work Experience education courses may be repeated subject to Title 5 Section 55040. SC

LMC: DA

TRANSFER: CSU

CHDEV-180 Work Experience Internship in Child Development

54-216 total hours

1-4 Units

PREREQUISITE: In order to enroll in a Work Experience Education course, students must be employed, register for the course, complete an online Work Experience Education Application, and participate in a Work Experience Education orientation. Students may earn one unit for 54 hours work per enrollment period. Does not meet requirements for veterans' benefits. Work Experience Education Application can be accessed at <https://www.losmedanos.edu/cwee/>. Students may earn up to 14 units of Work Experience Education per enrollment period.

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. The purpose of work experience education is to provide students with an integrated instructional program that provides opportunities to connect academic curricula to applied experiential learning in the workplace. Work experience education assists the student in developing career awareness, learning industry culture, competencies and norms, and developing professional networks in their desired field to support career mobility. To participate in work experience education, students must be employed and undertake new or expanded responsibilities. Students, with faculty and employer approval, will develop and successfully complete learning objective(s). Each learning objective must be substantive in nature and linked in a way relevant to a student's educational pathway. See Work Experience Education website and student handbook for more information regarding variable unit registration based on hours worked. Work experience education courses may be repeated subject to Title 5 section 55040 SC SC

LMC: DA

TRANSFER: CSU

CHDEV/ECE-010 Child Growth and Development

54 total hours lecture

3 Units

ADVISORY: ENGL-C1000

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. May not be repeated. SC

LMC: ADR: Social and Behavioral Sciences; DA**TRANSFER:** UC; CSU; Cal-GETC Area 4; C-ID CHDEV 110**CHDEV/ECE-020 Child, Family and Community**

54 total hours lecture

3 Units

ADVISORY: ENGL-C1000

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 and 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. May not be repeated. SC

LMC: ADR: Social and Behavioral Sciences; DA**TRANSFER:** UC; CSU; Cal-GETC Area 4; C-ID CDEV 110**CHDEV/ECE-022 Relationship-Based Strategies for Children**

35 total hours lecture

2 Units

ADVISORY: ENGL-C1000

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. May not be repeated. SC

LMC: DA**TRANSFER:** CSU**CHDEV/ECE-030 Trauma Informed Practitioner: Foundations**

54 total hours lecture

3 Units

ADVISORY: ENGL-C1000

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. May not be repeated. SC

LMC: DA**TRANSFER:** CSU**CHDEV/ECE-031 Trauma Informed Practitioner: Practices and Strategies**

54 total hours lecture

3 Units

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 toward the curriculum specialization on the Commission on Teaching Credentials California Permit Matrix at the Master Teacher level. May not be repeated. SC

LMC: DA**TRANSFER:** CSU**ECE-001 Principles and Practices of Teaching Young Children**

54 total hours lecture

3 Units

ADVISORY: ENGL-C1000

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. May not be repeated. SC

LMC: DA**TRANSFER:** CSU; C-ID ECE 120

ECE-011 Observation and Assessment

54 total hours lecture
3 Units

PREREQUISITE: CHDEV-010 OR ECE-010

ADVISORY: ENGL-C1000

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. May not be repeated. SC

LMC: DA

TRANSFER: CSU; C-ID ECE 200

ECE-040 Infant and Toddler Development

54 total hours lecture
3 Units

ADVISORY: ENGL-C1000

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. May not be repeated. SC

LMC: DA

TRANSFER: : CSU

ECE-041 Curriculum and Strategies for Infants/Toddlers

54 total hours lecture
3 Units

ADVISORY: ECE-040: ENGL-C1000

This course covers quality infant and toddler care and curriculum components including daily care giving routines, primary care giving, developmentally appropriate environments, designing and implementing developmentally, linguistically, and culturally appropriate curriculum and assessments for infants and toddlers. Program for Infant Toddler Caregivers (PITC) and Resources for Infant Educators (RIE) curriculum models are also covered, as well as establishing partnerships with families through culturally responsive interactions. The course provides opportunities to review the curriculum and to gain knowledge of important concepts in early learning appropriate to the developmental range of young children ages 0–3. 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. May not be repeated. SC

LMC: DA

TRANSFER: CSU

CHDEV/ECE-050 Teaching in a Diverse Society

54 total hours lecture
3 Units

ADVISORY: ENGL-C1000

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 create an anti racist classroom community, supporting all children in becoming competent members of a diverse society. Course includes self-examination and reflection on the teacher's own culture, life experiences, and biases and their impact on teaching and interactions with children and families. May not be repeated. SC

LMC: ADR: *Diverse Perspectives*; DA

TRANSFER: UC; CSU; C-ID ECE 230

ECE-055 Introduction to Children with Special Needs

54 total hours lecture
3 Units

ADVISORY: ENGL-C1000

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 prenatal substance exposure. May not be repeated. SC

LMC: DA

TRANSFER: CSU

ECE-057 Curriculum and Strategies for Children with Special Needs

54 total hours lecture
3 Units

ADVISORY: ECE-055; ENGL-C1000

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. May not be repeated. SC

LMC: DA

TRANSFER: CSU

ECE-062 Introduction to Curriculum

54 total hours lecture
3 Units

ADVISORY: ENGL-C1000

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. May not be repeated. SC

LMC: DA

TRANSFER: CSU; C-ID ECE 130

ECE-065 Health, Safety, and Nutrition in Early Childhood Programs

54 total hours lecture
3 Units

PREREQUISITE: ECE-001

ADVISORY: ENGL-C1000

This course provides an introduction to the laws, standards, policies, procedures, 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 and 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. May not be repeated. SC

LMC: DA

TRANSFER: CSU; C-ID ECE 220

ECE-083 Field Experience in an Early Childhood Program

162 total hours lab
3 Units

ADVISORY: ENGL-C1000

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 ECE-090. May be repeated three times. SC

LMC: DA

TRANSFER: CSU; C-ID ECE 130

ECE-090 Student Teaching Practicum in Early Childhood Education

36 total hours lecture, 108 total hours by arrangement
4 Units

PREREQUISITE: ECE-001, 011, 020 (CHDEV-020), 062, 083, and 050 (CHDEV-050)

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. May not be repeated. LR

LMC: DA

TRANSFER: CSU; C-ID ECE 210

ECE-092 Adult Supervision / Mentor Teacher Training

36 total hours lecture
2 Units

PREREQUISITE: ECE-001

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, 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. May not be repeated. SC

LMC: DA

TRANSFER: CSU

ECE-095 Administration of Early Childhood Programs

54 total hours lecture
3 Units

PREREQUISITE: ECE-001

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 III requirement. May not be repeated. SC

LMC: DA

TRANSFER: CSU

ECE-096 Staff Development and Leadership in Early Childhood Programs

54 total hours lecture

3 Units

PREREQUISITE: ECE-001

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. ECE-096 satisfies the Department of Social Services Category IV requirement and is one of the courses needed for the California Commission on Teacher Credentials Children's Center Supervision Permit. May not be repeated. SC

LMC: DA

TRANSFER: CSU

Economics

COURSE DESCRIPTIONS

ECON-005 Economic History of the United States

54 total hours lecture

3 Units

ADVISORY: ENGL-C1000

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. May not be repeated. SC

LMC: ADR: Social and Behavioral Sciences; DA

TRANSFER: UC; CSU; Cal-GETC Area 4

ECON-010 Principles of Microeconomics

54 total hours lecture

3 Units

PREREQUISITE: Elementary Algebra or eligibility for transfer level math

ADVISORY: ENGL-C1000; Intermediate Algebra

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. May not be repeated. SC

LMC: ADR: Social and Behavioral Sciences; DA

TRANSFER: UC; CSU; Cal-GETC Area 4; C-ID ECON 201

ECON-011 Principles of Macroeconomics

54 total hours lecture

3 Units

PREREQUISITE: Elementary Algebra or eligibility for transfer level math

ADVISORY: ECON-010; Intermediate Algebra

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. May not be repeated. SC

LMC: ADR: Social and Behavioral Sciences; DA

TRANSFER: UC; CSU; Cal-GETC Area 4; C-ID ECON 202

ECON-098 Independent Study in Economics

.5-3 Units

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. SC

LMC: Independent study courses may be DA or transferable depending on specific course. See your counselor.

TRANSFER: Independent study courses may be DA or transferable depending on specific course. See your counselor.

Education

COURSE DESCRIPTIONS

EDUC-100 Introduction to Classroom Teaching

54 total hours lecture

3 Units

ADVISORY: ENGL-C1000

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. May not be repeated. SC

LMC: ADR: Social and Behavioral Sciences; DA

TRANSFER: UC; CSU

Electrical / Instrumentation Technology

DEGREES—Associate of Science

Electrical Technology

Instrumentation Technology

CERTIFICATES OF ACHIEVEMENT

Electrical Technology

Instrumentation Technology

Transit Electrical Technology

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.

ASSOCIATE OF SCIENCE DEGREE AND CERTIFICATE OF ACHIEVEMENT ELECTRICAL TECHNOLOGY

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.

REQUIRED COURSES: FIRST SEMESTER		UNITS
ETEC-010	Direct Current Circuits	4
ETEC-012	Alternating Current Circuits	4
ETEC-009	ETEC Mathematics	4
TOTAL UNITS		12

REQUIRED COURSES: SECOND SEMESTER		UNITS
ETEC-020	Electric Motor Control	3
ETEC-022	Semiconductor Devices	2
ETEC-024	Digital Devices	2
PHYS-015	Introduction to Physics	4
TOTAL UNITS		11

REQUIRED COURSES: THIRD SEMESTER		UNITS
ETEC-030	Programmable Logic Controllers	4
ETEC-032	Instrumentation and Process Measurement	3
ETEC-034	Instrument Calibration Laboratory	1
TOTAL UNITS		8

REQUIRED COURSES: FOURTH SEMESTER		UNITS
ETEC-040	National Electrical Code	3
ETEC-042	Electrical Wiring Methods and Code Application	1
ETEC-044	Transformers & Power Distribution	3
ETEC-046	DC & AC Motors & Generators	3
TOTAL UNITS FOR THE MAJOR		41

TOTAL UNITS FOR THE DEGREE	60
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TOTAL UNITS FOR THIS CERTIFICATE	40
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Program Student 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.

ASSOCIATE OF SCIENCE DEGREE AND CERTIFICATE OF ACHIEVEMENT INSTRUMENTATION TECHNOLOGY

REQUIRED COURSES: FIRST SEMESTER		UNITS
ETEC-010	Direct Current Circuits	4
ETEC-012	Alternating Current Circuits	4
ETEC-009	ETEC Mathematics	4
TOTAL UNITS		13

REQUIRED COURSES: SECOND SEMESTER		UNITS
ETEC-020	Electric Motor Control	3
ETEC-022	Semiconductor Devices	2
ETEC-024	Digital Devices	2
PHYS-015	Introduction to Physics	4
TOTAL UNITS		11

REQUIRED COURSES: THIRD SEMESTER		UNITS
ETEC-030	Programmable Logic Controllers	4
ETEC-032	Instrumentation and Process Measurement	3
ETEC-034	Instrument Calibration Laboratory	1
CHEM-006	Introduction to Inorganic and Physical Chemistry	4
TOTAL UNITS		12

REQUIRED COURSES: FOURTH SEMESTER		UNITS
ETEC-050	Instrumentation Process Control	3
ETEC-052	Applied Process Control Lab	1
ETEC-056	Code for instrument Application	1
ETEC-058	Analytical Instrumentation	2
ETEC-059	System Integration & Troubleshooting	2
TOTAL UNITS FOR THE MAJOR		44

TOTAL UNITS FOR THE DEGREE 60

TOTAL UNITS FOR THIS CERTIFICATE 44

Program Student 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.

CERTIFICATE OF ACHIEVEMENT TRANSIT ELECTRICAL TECHNOLOGY

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.

REQUIRED COURSES:		UNITS
ETEC-010	Direct Current Circuits	4
ETEC-012	Alternating Current Circuits	4
ETEC-020	Electric Motor Control	3
ETEC-022	Semiconductor Devices	2
ETEC-024	Digital Devices	2
ETEC-040	National Electrical Code	3
ETEC-042	Electrical Wiring Methods and Code Application	1
ETEC-044	Transformers & Power Distribution	3
ETEC-046	DC & AC Motors & Generators	3
TOTAL UNITS FOR THIS CERTIFICATE		25

Program Student 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.

COURSE DESCRIPTIONS

ETEC-004 Introduction to Electrical Technology

36 total hours lecture, 54 total hours lab

3 Units

ADVISORY: ENGL-C1000

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. May not be repeated. LR

LMC: DA

TRANSFER: CSU

ETEC-009 ETEC Mathematics

72 total hours lecture

4 Units

CO-REQUISITE: ETEC-010

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. May not be repeated. SC

LMC: ADR: *Mathematical Concepts and Quantitative Reasoning*; DA

TRANSFER: CSU

EETEC-010 Direct Current Circuits

54 total hours lecture, 54 total hours lab
4 Units

ADVISORY: ETEC-009; ENGL-C1000

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. May not be repeated. SC

LMC: DA

TRANSFER: CSU

EETEC-012 Alternating Current Circuits

54 total hours lecture, 54 total hours lab
4 Units

PREREQUISITE: ETEC-010

ADVISORY: ETEC-009 or equivalent; ENGL-C1000

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. May not be repeated. SC

LMC: DA

TRANSFER: CSU

EETEC-020 Electric Motor Control

36 total hours lecture, 72 total hours lab
3 Units

PREREQUISITE: ETEC-012

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. May not be repeated. LR

LMC: DA

TRANSFER: CSU

EETEC-022 Semiconductor Devices

18 total hours lecture, 54 total hours lab
2 Units

PREREQUISITE: ETEC-012

ADVISORY: ENGL-C1000

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. May not be repeated. LR

LMC: DA

TRANSFER: CSU

EETEC-024 Digital Devices

18 total hours lecture, 54 total hours lab
2 Units

PREREQUISITE: ETEC-012

ADVISORY: ETEC-022; ENGL-C1000

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. May not be repeated. LR

LMC: DA

TRANSFER: CSU

EETEC-030 Programmable Logic Controllers

54 total hours lecture, 54 total hours lab
4 Units

PREREQUISITE: ETEC-012

ADVISORY: ETEC-020; ENGL-C1000

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. May not be repeated. LR

LMC: DA

TRANSFER: CSU

**ETEC-032 Instrumentation and
Process Measurement**

54 total hours lecture

3 Units

PREREQUISITE: ETEC-012**CO-REQUISITE:** ETEC-034**ADVISORY:** PHYS-015; ENGL-C1000

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. May not be repeated. LR

LMC: DA**TRANSFER:** CSU**ETEC-034 Instrument Calibration Laboratory**

54 total hours lab

1 Unit

PREREQUISITE: ETEC-012**CO-REQUISITE:** ETEC-032**ADVISORY:** PHYS-015; ENGL-C1000

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. May not be repeated. LR

LMC: DA**TRANSFER:** CSU**ETEC-040 National Electric Code**

54 total hours lecture

3 Units

CO-REQUISITE: ETEC-042**ADVISORY:** ETEC-010, 012; ENGL-C1000

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. May not be repeated. SC

LMC: DA**TRANSFER:** CSU**ETEC-042 Electrical Wiring Methods and Code
Application**

54 total hours lab

1 Unit

CO-REQUISITE: ETEC-040**ADVISORY:** ETEC-010, 012; ENGL-C1000

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. May not be repeated. SC

LMC: DA**TRANSFER:** CSU**ETEC-044 Transformers and Power Distribution**

36 total hours lecture, 54 total hours lab

3 Units

PREREQUISITE: ETEC- 012**ADVISORY:** ENGL-C1000

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. May not be repeated. SC

LMC: DA**TRANSFER:** CSU**ETEC-046 DC & AC Motors and Generators**

36 total hours lecture, 72 total hours lab

3 Units

ADVISORY: ETEC-010, 012; ENGL-C1000

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. May not be repeated. SC

LMC: DA**TRANSFER:** CSU

EETEC-050 Instrumentation Process Control

54 total hours lecture

3 Units

CO-REQUISITE: EETEC-052**ADVISORY:** EETEC-010, 012, 032, 034; PHYS-015; ENGL-C1000

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. May not be repeated. SC

LMC: DA**TRANSFER:** CSU**EETEC-052 Applied Process Control Lab**

54 total hours lab

1 Unit

CO-REQUISITE: EETEC-050**ADVISORY:** EETEC-010, 012, 032, 034, 050; PHYS-015; ENGL-C1000

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 EETEC-050 and provide the practical experience necessary to understand the fundamentals of process measurement. May not be repeated. SC

LMC: DA**TRANSFER:** CSU**EETEC-056 Code for Instrument Application**

18 total hours lecture

1 Unit

ADVISORY: EETEC-010, 012; ENGL-C1000

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 or wiring design and installation and associated NEC regulations for Classes 1, 2, and 3, Division 1 and 2 hazardous locations. May not be repeated. SC

LMC: DA**TRANSFER:** CSU**EETEC-058 Analytical Instrumentation**

18 total hours lecture, 54 total hours lab

2 Units

ADVISORY: EETEC-010, 012, 032; PHYS-015; CHEM-006; ENGL-C1000

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. May not be repeated. SC

LMC: DA**TRANSFER:** CSU**EETEC-059 System Integration and Troubleshooting**

18 total hours lecture, 54 total hours lab

2 Units

ADVISORY: EETEC-020, 030, 032, 050; CHEM-006; ENGL-C1000

This course is designed to tie together all the information covered in all the other EETEC 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. May not be repeated. SC

LMC: DA**TRANSFER:** CSU**EETEC-098 Independent Study in Electrical/Electronic Technology**

.5-3 Units

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. SC

LMC: Independent study courses may be DA or transferable depending on specific course. See your counselor.

TRANSFER: Independent study courses may be DA or transferable depending on specific course. See your counselor.

EETEC-100 Introduction to Industrial Technology and Trades

18 total hours lecture, 54 total hours lab
2 Units

This is a career exploration course for the industrial trades including: Appliance Repair, 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, EETEC-100, PTEC-100 and WELD-100. Students may register for this course using any one of the provided course numbers. May not be repeated. P/NP

LMC: DA

TRANSFER: CSU

EETEC-170 Work Experience Education in Electrical/Instrumentation Tech

54-216 total hours
1-4 Units

PREREQUISITE: *In order to enroll in a Work Experience Education course, students must be employed, register for the course, complete an online Work Experience Education Application, and participate in a Work Experience Education orientation. Students may earn one unit for 54 hours work per enrollment period. Does not meet requirements for veterans' benefits. Work Experience Education Application can be accessed at <https://www.losmedanos.edu/cwee/>. Students may earn up to 14 units of Work Experience Education per enrollment period.*

Note: Students must submit an online Work Experience application and attend a mandatory Orientation. Go to www.losmedanos.edu/cwee for information. Individual meetings and job site visit held with hours and location by arrangement.

The purpose of work experience education is to provide students with an integrated instructional program that provides opportunities to connect academic curricula to applied experiential learning in the workplace. Work experience education assists the student in developing career awareness, learning industry culture, competencies and norms, and developing professional networks in their desired field to support career mobility. To participate in work experience education, students must be employed and undertake new or expanded responsibilities. Students, with faculty and employer approval, will develop and successfully complete learning objective(s). Each learning objective must be substantive in nature and linked in a way relevant to a student's educational pathway. See Work Experience Education website and student handbook for more information regarding variable unit registration based on hours worked. Work Experience education courses may be repeated subject to Title 5 Section 55040. SC

LMC: DA

TRANSFER: CSU

EETEC-180 Work Experience Internship in Electrical/ Instrumentation Technology

54-216 total hours
1-4 Units

In order to enroll in a Work Experience Education course, students must be employed, register for the course, complete an online Work Experience Education Application, and participate in a Work Experience Education orientation. Students may earn one unit for 54 hours work per enrollment period. Does not meet requirements for veterans' benefits. Work Experience Education Application can be accessed at <https://www.losmedanos.edu/cwee/>. Students may earn up to 14 units of Work Experience Education per enrollment period.

Note: Students must submit an online Work Experience application and attend a mandatory Orientation. Go to www.losmedanos.edu/cwee for information. Individual meetings and job site visit held with hours and location by arrangement.

The purpose of work experience education is to provide students with an integrated instructional program that provides opportunities to connect academic curricula to applied experiential learning in the workplace. Work experience education assists the student in developing career awareness, learning industry culture, competencies and norms, and developing professional networks in their desired field to support career mobility. To participate in work experience education, students must be employed and undertake new or expanded responsibilities. Students, with faculty and employer approval, will develop and successfully complete learning objective(s). Each learning objective must be substantive in nature and linked in a way relevant to a student's educational pathway. See Work Experience Education website and student handbook for more information regarding variable unit registration based on hours worked. Work Experience education courses may be repeated subject to Title 5 Section 55040. SC

LMC: DA

TRANSFER: CSU

Emergency Medical Services

COLLEGE SKILLS CERTIFICATES

Emergency Medical Services

Emergency Medical Services Recertification

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.

COLLEGE SKILLS CERTIFICATES

Emergency Medical Services

REQUIRED COURSES:	UNITS
EMS-010 Emergency Medical Technician	8
TOTAL UNITS REQUIRED FOR COLLEGE SKILLS CERTIFICATE	8

Program Student 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

Emergency Medical Services Recertification

REQUIRED COURSES:	UNITS
EMS-011 Emergency Medical Technician I Recertification	1
TOTAL UNITS REQUIRED FOR COLLEGE SKILLS CERTIFICATE	1

COURSE DESCRIPTIONS

EMS-007 Introduction to Healthcare Careers

54 total hours lecture

3 Units

ADVISORY: BIOSC-030, EMS-013

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. May not be repeated. LR

LMC: DA

TRANSFER: CSU

EMS-008 First Aid of Infants & Children

9 total hours lecture, 2.5 total hours lab

.5 Unit

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. A mandatory materials fee will be applied. May not be repeated. P/NP

LMC: DA

EMS-010 Emergency Medical Technician Academy

126 total hours lecture, 117 total hours lab

9 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; 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.

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. Credit for Prior Learning: Credit by exam available per (22 CCR § 100078(c).) The challenge exam is offered at the end of each semester during the course. Those who meet the minimum requirements and wish to take the challenge the exam may contact the academy for upcoming dates and to schedule their exam. May not be repeated. LR

LMC: DA

TRANSFER: CSU

EMS-011 Emergency Medical Technician I-Recertification

14 total hours lecture, 14 total hours lab
.5 Unit

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: ENGL-C1000

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

LMC: DA

EMS-013 Medical Terminology for Health Care Professions

54 total hours lecture
3 Units

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. May not be repeated. LR

LMC: DA

TRANSFER: CSU

EMS-014 Healthcare Provider CPR

5 total hours lecture, 4 total hours lab
.3 Unit

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. This course has the following mandatory lab fees: \$4.00 for your BLS E-Card and \$12-\$15 dollars for your PPE/Personal Protective Equipment required to participate on this course. This PPE includes a face mask, one way valve, gloves and a carrying pouch.

May not be repeated. P/NP

LMC: NDA

EMS-098 Independent Study in Emergency Medical Services

.5-3 Units

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. SC

LMC: *Independent study courses may be DA or transferable depending on specific course. See your counselor.*

TRANSFER: *Independent study courses may be DA or transferable depending on specific course. See your counselor.*

EMS-170 Occupational Work Experience Education in Emergency Medical Services

54-216 total hours
1-4 Units

PREREQUISITE: *In order to enroll in a Work Experience Education course, students must be employed, register for the course, complete an online Work Experience Education Application, and participate in a Work Experience Education orientation. Students may earn one unit for 54 hours work per enrollment period. Does not meet requirements for veterans' benefits. Work Experience Education Application can be accessed at <https://www.losmedanos.edu/cwee/>. Students may earn up to 14 units of Work Experience Education per enrollment period.*

The purpose of work experience education is to provide students with an integrated instructional program that provides opportunities to connect academic curricula to applied experiential learning in the workplace. Work experience education assists the student in developing career awareness, learning industry culture, competencies and norms, and developing professional networks in their desired field to support career mobility. To participate in work experience education, students must be employed and undertake new or expanded responsibilities. Students, with faculty and employer approval, will develop and successfully complete learning objective(s). Each learning objective must be substantive in nature and linked in a way relevant to a student's educational pathway. See Work Experience Education website and student handbook for more information regarding variable unit registration based on hours worked. Work Experience education courses may be repeated subject to Title 5 Section 55040. SC

LMC: DA

TRANSFER: CSU

**EMS-180 Work Experience Internship in
Emergency Medical
Services**

54-216 total hours
1-4 Units

PREREQUISITE: *In order to enroll in a Work Experience Education course, students must be employed, register for the course, complete an online Work Experience Education Application, and participate in a Work Experience Education orientation. Students may earn one unit for 54 hours work per enrollment period. Does not meet requirements for veterans' benefits. Work Experience Education Application can be accessed at <https://www.losmedanos.edu/cwee/>. Students may earn up to 14 units of Work Experience Education per enrollment period.*

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. The purpose of work experience education is to provide students with an integrated instructional program that provides opportunities to connect academic curricula to applied experiential learning in the workplace. Work experience education assists the student in developing career awareness, learning industry culture, competencies and norms, and developing professional networks in their desired field to support career mobility. To participate in work experience education, students must be employed and undertake new or expanded responsibilities. Students, with faculty and employer approval, will develop and successfully complete learning objective(s). Each learning objective must be substantive in nature and linked in a way relevant to a student's educational pathway. See Work Experience Education website and student handbook for more information regarding variable unit registration based on hours worked. Work experience education courses may be repeated subject to Title 5 section 55040 SC

LMC: DA

TRANSFER: CSU

Engineering

DEGREE—Associate of Science
Engineering

ASSOCIATE OF SCIENCE DEGREE ENGINEERING

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.

REQUIRED COURSES:		UNITS
ENGIN-010	Introduction to Engineering	4
ENGIN-020	Programming with C++ for Engineers and Scientists	4
or		
ENGIN-022	Programming with MATLAB for Engineers and Scientists	4
ENGIN-025	Engineering Graphics	3
ENGIN-030	Materials Science	4
ENGIN-045	Engineering Circuits	4
CHEM-025	General College Chemistry	5
PHYS-040	Physics for Scientists and Engineers I	4
PHYS-041	Physics for Scientists and Engineers II	4
PHYS-042	Physics for Scientists and Engineers III	4
MATH-210	Calculus and Analytic Geometry I	4
MATH-220	Calculus and Analytic Geometry II	4
MATH-230	Calculus and Analytic Geometry III	4
MATH-240	Differential Equations	3
TOTAL UNITS		50
AND SELECT TWO RESTRICTED ELECTIVES FROM:		
ENGIN-036	Engineering Statics	3
ENGIN-038	Manufacturing Processes	3
ENGIN-046	Engineering Dynamics	3
MATH-250	Linear Algebra	3
TOTAL UNITS FOR THE MAJOR		55
TOTAL UNITS FOR THE DEGREE		60+

The courses required for transfer vary depending on the transfer destination institution and the desired engineering discipline.

Program Student 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.

COURSE DESCRIPTIONS**ENGIN-010 Introduction to Engineering**

54 total hours lecture, 18 total hours lab
3 Units

ADVISORY: ENGL-C1000

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.

May not be repeated. LR

LMC: ADR: Natural Sciences; DA

TRANSFER: UC; CSU

ENGIN-020 Programming with C++ for Engineers and Scientists

54 total hours lecture, 54 total hours lab
4 Units

PREREQUISITE: MATH-210

ADVISORY: ENGL-C1000

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. May not be repeated. LR

LMC: DA

TRANSFER: UC; CSU

ENGIN-022 Programming with MATLAB for Engineers and Scientists

54 total hours lecture, 54 total hours lab
4 Units

CO-REQUISITE: MATH-220

ADVISORY: ENGL-C1000

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. May not be repeated. LR

LMC: DA

TRANSFER: UC; CSU

ENGIN-025 Engineering Graphics

36 total hours lecture, 72 total hours lab
3 Units

ADVISORY: ENGIN-010; ENGL-C1000

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. May not be repeated. LR

LMC: DA

TRANSFER: UC; CSU

ENGIN-030 Materials Science

54 total hours lecture, 54 total hours lab
4 Units

PREREQUISITE: CHEM-025 and PHYS-040

ADVISORY: ENGL-C1000

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. May not be repeated. LR

LMC: DA

TRANSFER: UC; CSU

ENGIN-036 Engineering Statics

54 total hours lecture, 18 total hours lab
3 Units

PREREQUISITE: *PHYS-040*

ADVISORY: *ENGL-C1000*

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. May not be repeated. LR

LMC: *DA*

TRANSFER: *UC; CSU*

ENGIN-038 Manufacturing Processes

36 total hours lecture, 54 total hours lab
3 Units

PREREQUISITE: *ENGIN-025*

CO-REQUISITE: Prior or concurrent enrollment in ENGIN-030

ADVISORY: *ENGL-C1000*

This course is an introduction to manufacturing processes, including: CNC machining, casting, forcible deformation processes, sintering, micro fabrication, 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. May not be repeated. LR

LMC: *DA*

TRANSFER: *UC; CSU*

ENGIN-045 Engineering Circuit Analysis

54 total hours lecture, 54 total hours lab
4 Units

CO-REQUISITE: Prior or concurrent enrollment in MATH-240

ADVISORY: *ENGL-C1000*

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. May not be repeated. LR

LMC: *DA*

TRANSFER: *UC; CSU*

ENGIN-046 Engineering Dynamics

54 total hours lecture
3 Units

PREREQUISITE: *ENGIN-036*

ADVISORY: *ENGL-C1000*

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. May not be repeated. LR

LMC: *DA*

TRANSFER: *UC; CSU*

English

**ASSOCIATES OF ARTS DEGREE FOR TRANSFER–English
CERTIFICATE OF ACHIEVEMENT–English**

Create Writing

Hip Hop Studies

**ASSOCIATE OF ARTS DEGREE
ENGLISH FOR TRANSFER DEGREE**

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.

To earn the Associate Degree for Transfer:

- Completion of 60 semester units or 90 quarter units of degree-applicable courses,
- Minimum overall grade point average of 2.0,
- Minimum grade of "C" (or "P") for each course in the major, and
- Completion of California General Education Transfer Curriculum (Cal-GETC)

REQUIRED COURSES:		UNITS
ENGL-C1001	Critical Thinking and Writing	3
ENGL-230	Thinking/Writing Critically about Literature	3
TOTAL UNITS		6

LIST A: REQUIRED COURSES		
ENGL-240	Survey of World Literature 1	3
ENGL-245	Survey of World Literature 2	3
TOTAL UNITS		6

LIST B: SELECT ONE COURSE (3 UNITS)		
ENGL-111	Creative Writing	3
ENGL-124	Children's Literature	3
ENGL-132	Myth, Fantasy, and Science Fiction	3
TOTAL UNITS		3

LIST C: SELECT ONE COURSE (3 UNITS)

JOURN-110	Writing for the Media	3
ENGL-113	Creative Writing: Poetry	3
ENGL-114	Creative Writing: Introduction to Story	3
ENGL-115	Creative Writing: Playwriting	3
ENGL-120	Introduction to Latino Literature and Its Latin American Roots	3
ENGL-121	Introduction to Chicano Literature	3
ENGL-122	California Literature	3
ENGL-124	Children's Literature	3
ENGL-127	The Mythology and Literature of Ethnic Americans	3
ENGL-128	<i>Introduction to Asian American Literature</i>	3
ENGL-129	Introduction to Contemporary African- American Literature	3
ENGL-220	Critical Analysis and Literature	3
ENGL-130	Mystery & Detective Literature	3
ENGL-133	Race, Ethnicity, and Gender in Popular Fiction and Film	3
ENGL-135	Introduction to LGBTQ+ Studies	3
ENGL-136	Introduction to Gender Studies	3
ENGL-144	Hip Hop as Lit	3
ENGL-146	Hip Hop Queens	3
ENGL-150	Lesbian, Gay, Bisexual, Transgender, and Queer Literature	3
ENGL-180	An Introduction to Shakespeare	3
ANTHR-008	Introduction to Anthropological Linguistics	3
TOTAL UNITS		3

TOTAL UNITS FOR THE MAJOR **18**

TOTAL UNITS FOR THE DEGREE **60**

Program Student Learning Outcomes - AA in English for Transfer

1. Interpret and analyze literature and non-fiction texts using critical thinking strategies.
2. Construct written pieces that respond to the challenge of rhetorical situations and apply standards of craft.
3. Approach texts through a critical, creative lens to support construction of knowledge and expression.

CERTIFICATE OF ACHIEVEMENT

CREATIVE WRITING

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.

REQUIRED COURSES:

UNITS

ENGL-111	Creative Writing	3
ENGL-114	Creative Writing: Introduction to Story	3
ENGL-115	Creative Writing: Playwriting	3
TOTAL UNITS		9

Literature Courses - Choose one course (Total 3)

ENGL-120	Introduction to Latino Literature and Its Latin American Roots	3
ENGL-121	Introduction to Chicano Literature	3
ENGL-122	California Literature	3
ENGL-124	Children's Literature	3
ENGL-127	The Mythology and Literature of Ethnic Americans	3
ENGL-128	<i>Introduction to Asian American Literature</i>	3
ENGL-129	Introduction to Contemporary African- American Literature	3
ENGL-1-30	Mystery and Detective Literature	3
ENGL-132	Myth, Fantasy and Science Fiction	3
ENGL-133	Race, Ethnicity, and Gender in Popular Fiction and Film	3
ENGL-144	Hip Hop as Literature	3
ENGL-150	Lesbian, Gay, Bisexual, Transgender, and Queer Literature	3
ENGL-240	Survey of World Literature I: Antiquity To Mid-17th Century	3
ENGL-245	Survey of World Literature II: Mid-17th Century to Present	3

TOTAL UNITS **3**

Social Justice Studies/Ethnic Studies Courses - Choose one course (Total 3)

ETHN-045	Introduction to Black Studies	3
ETHN-101	Introduction to Ethnic Studies	3
ETHN-1-02	Critical Thinking in Ethnic Studies	3
ETHN-103	Racial and Ethnic Justice Movements	3
ETHN-110	Introduction to Native American/Indigenous Studies	3
ETHN-120	Immigrant Experiences in the U.S.	3
SJS-110	Introduction to Social Justice Studies	3
SJS-135	Introduction to LGBTQ+ Studies	3
SJS-136	Introduction to Gender Studies	3
TOTAL UNITS		3

Choose one course from the following (3 Units)

UNITS

ART-010	Introduction to Two-Dimensional Concepts	3
ART-020	Introduction to Drawing	3
ART-038	Introduction to Printmaking	3
ART-072	Introduction to Digital Photography	3
ART-074	Photo II: Developing a Personal Vision	3
ART-075	Documentary Photography	3
ART-025	Advertising, Marketing and Publication Design	3
ART-050	Designing with Adobe InDesign	3
ART-054	Adobe Photoshop	3
ART-057	Designing with Adobe Illustrator	3
JOURN-110	Writing for the Media	3

continued on next page ►

	ENGLISH																																																																			
	<table> <tr> <td>JOURN-130</td><td>Media Production: Practicum I</td><td>3</td></tr> <tr> <td>DRAMA-015</td><td>Multicultural Perspectives Within Theatre</td><td>3</td></tr> <tr> <td>DRAMA-016</td><td>Theatre Appreciation</td><td>3</td></tr> <tr> <td>DRAMA-030</td><td>Chicano/a Mexican American Cinema: A Critical Analysis</td><td>3</td></tr> <tr> <td>DRAMA-070</td><td>Film as an International Art Form</td><td>3</td></tr> <tr> <td>DRAMA-098</td><td>Independent Study in Dramatic Arts</td><td>0.5-3</td></tr> <tr> <td>DRAMA-061</td><td>Directing and Collaborative Project</td><td>3</td></tr> <tr> <td>ART-015</td><td>Graphic Design</td><td>3</td></tr> <tr> <td colspan="2">-----</td><td></td></tr> <tr> <td>TOTAL UNITS</td><td></td><td>9</td></tr> <tr> <td>TOTAL UNITS FOR THE MAJOR</td><td></td><td>18</td></tr> <tr> <td colspan="2">-----</td><td></td></tr> <tr> <td>TOTAL UNITS FOR THE DEGREE</td><td></td><td>18</td></tr> </table>	JOURN-130	Media Production: Practicum I	3	DRAMA-015	Multicultural Perspectives Within Theatre	3	DRAMA-016	Theatre Appreciation	3	DRAMA-030	Chicano/a Mexican American Cinema: A Critical Analysis	3	DRAMA-070	Film as an International Art Form	3	DRAMA-098	Independent Study in Dramatic Arts	0.5-3	DRAMA-061	Directing and Collaborative Project	3	ART-015	Graphic Design	3	-----			TOTAL UNITS		9	TOTAL UNITS FOR THE MAJOR		18	-----			TOTAL UNITS FOR THE DEGREE		18	<table> <tr> <td colspan="2">REQUIRED COURSES:</td><td>UNITS</td></tr> <tr> <td>MUSIC-015</td><td>Basic Music</td><td>3</td></tr> <tr> <td>ETHN-045</td><td>Introduction to Black Studies</td><td>3</td></tr> <tr> <td>HIST-061</td><td>History of African-Americans Since 1865</td><td>3</td></tr> <tr> <td>ENGL-144</td><td>Hip Hop as Literature</td><td>3</td></tr> <tr> <td>HUMAN-050</td><td>Hip Hop Culture: An American Phenomenon</td><td>3</td></tr> <tr> <td>SJS-150</td><td>Introduction to Race & Ethnicity</td><td>3</td></tr> <tr> <td colspan="2">-----</td><td></td></tr> <tr> <td>TOTAL UNITS</td><td></td><td>18</td></tr> </table> Program Student Learning Outcomes - Creative Writing 1. Read, write and discuss primary and secondary texts about hip hop. 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 to Black and Latinx populations. 3. Examine the ethical and moral implications inherent in hip hop music, culture and economy.	REQUIRED COURSES:		UNITS	MUSIC-015	Basic Music	3	ETHN-045	Introduction to Black Studies	3	HIST-061	History of African-Americans Since 1865	3	ENGL-144	Hip Hop as Literature	3	HUMAN-050	Hip Hop Culture: An American Phenomenon	3	SJS-150	Introduction to Race & Ethnicity	3	-----			TOTAL UNITS		18
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Program Requirements, Courses and Learning Outcomes	Program Student Learning Outcomes - Creative Writing 1. Independently read, comprehend, and analyze literature and 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 about literature and non-fiction. CERTIFICATE OF ACHIEVEMENT HIP HOP STUDIES 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.	COURSE DESCRIPTIONS ENGL-098 Independent Study in English .5-3 Units 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. SC LMC: <i>Independent study courses may be DA or transferable depending on specific course. See your counselor.</i> TRANSFER: <i>Independent study courses may be DA or transferable depending on specific course. See your counselor.</i> ENGL-111 Creative Writing 54 total hours lecture 3 Units 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. May not be repeated. SC LMC: <i>DA; Arts and Humanities</i> TRANSFER: <i>CSU</i>																																																																		
	152 2025-2026 Los Medanos College																																																																			

ENGL-113 Creative Writing: Poetry

54 total hours lecture
3 Units

ADVISORY: ENGL-C1000

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. May not be repeated. SC

LMC: ADR: *Arts and Humanities*; DA

TRANSFER: UC; CSU

ENGL-114 Creative Writing: Introduction to Story

54 total hours lecture
3 Units

PREREQUISITE: ENGL-C1000

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. May not be repeated. SC

LMC: ADR: *Arts and Humanities*; DA

TRANSFER: UC; CSU

ENGL-115 Creative Writing: Playwriting

54 total hours lecture
3 Units

PREREQUISITE: ENGL-C1000.

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. May not be repeated. SC

LMC: ADR: *Arts and Humanities*; DA

TRANSFER: UC; CSU

ENGL-120 Introduction to Latino Literature and Its Latin American Roots

54 total hours lecture
3 Units

ADVISORY: ENGL-C1000

(formerly ENGL-210) 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. May not be repeated. SC

LMC: ADR: *Arts and Humanities*; *Diverse Perspectives*; DA

TRANSFER: UC; CSU; Cal-GETC Area 3B

ENGL-121 Introduction to Chicano Literature

54 total hours lecture
3 Units

ADVISORY: ENGL-C1000

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. May not be repeated. SC

LMC: ADR: *Arts and Humanities*; DA

TRANSFER: UC; CSU; Cal-GETC Area 3B

ENGL-122 California Literature

54 total hours lecture

3 Units

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. May not be repeated. SC

LMC: ADR: Arts and Humanities; DA**TRANSFER:** UC; CSU; Cal-GETC Area 3B**ENGL-124 Children's Literature**

54 total hours lecture

3 Units

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. May not be repeated. SC

LMC: ADR: Arts and Humanities; Diverse Perspectives; Social and Behavioral Sciences; DA**TRANSFER:** UC; CSU; Cal-GETC Area 3B; C-ID ENGL 180**ENGL-127 The Mythology and Literature of Ethnic Americans**

54 total hours lecture

3 Units

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. May not be repeated. SC

LMC: ADR: Arts and Humanities; Diverse Perspectives; DA**TRANSFER:** UC; CSU; Cal-GETC Area 3B; Also satisfies American Cultures Requirement at UCB**ENGL-128 Introduction to Asian American Literature**

54 total hours lecture

3 Units

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. May not be repeated. SC

LMC: ADR: Arts and Humanities; Diverse Perspectives; Social and Behavioral Sciences; DA**TRANSFER:** UC; CSU; Cal-GETC Area 3B**ENGL-129 Introduction to Contemporary African-American Literature**

54 total hours lecture

3 Units

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. May not be repeated. SC

LMC: ADR: Arts and Humanities; DA**TRANSFER:** UC; CSU; Cal-GETC Area 3B**ENGL-130 Mystery and Detective Literature**

54 total hours lecture

3 Units

(formerly ENGL-231) 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. May not be repeated. SC

LMC: ADR: Arts and Humanities; DA**TRANSFER:** UC; CSU; Cal-GETC Area 3B

ENGL-132 Myth, Fantasy, and Science Fiction

54 total hours lecture
3 Units

ADVISORY: ENGL-C1000

Can science fiction, fantasy, and other "nonrealistic" stories tell us something about our own world? How do myths from across the world serve as the foundation for larger than life stories that endure across time and culture? We'll explore how speculative literature (chiefly, science fiction and fantasy)—carries the torch of ancient myth into our present world. We will also discuss how science fiction and fantasy is uniquely positioned to create powerful metaphors and narratives that serve as thought experiments for both enduring and weighty contemporary topics such as race, gender, sexuality, free will, body image, psychology, capitalism, immigration, and family dynamics. We will be reading myths, short stories, novels, graphic novels, and watching film and selected nonfiction texts to ground our discussions. May not be repeated. SC

LMC: DA

TRANSFER: UC; CSU; Cal-GETC Area 3B

ENGL-133 Race, Ethnicity and Gender in Popular Fiction and Film

54 total hours lecture
3 Units

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. May not be repeated. SC

LMC: ADR: Arts and Humanities; Diverse Perspectives; DA

TRANSFER: UC; CSU; Cal-GETC Area 3B; Also satisfies American Cultures Requirement at UCB

ENGL-135 Introduction to LGBTQ+ Studies

54 total hours lecture
3 Units

ADVISORY: ENGL-C1000

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. May not be repeated. LR

LMC: ADR: Diverse Perspectives; DA

TRANSFER: UC; CSU; Cal-GETC Area 4; C-ID SJS 130

ENGL-136 Introduction to Gender Studies

54 total hours lecture
3 Units

ADVISORY: ENGL-C1000

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. May not be repeated. LR

LMC: ADR: Diverse Perspectives; Social and Behavioral Sciences; DA

TRANSFER: UC; CSU; Cal-GETC Area 4; C-ID SOCI 140

ENGL-144 Hip Hop as Lit

54 total hours lecture
3 Units

ADVISORY: ENGL-C1000

This course looks at hip hop as a type of literary art. It focuses on how artists like MC Sha Rock, Queen Latifah, Jay Z, Tupac, Kendrick Lamar and others use hip hop to express themselves and share important social, cultural, and political messages. By analyzing song lyrics, students will learn about the history, culture, and regional influences of hip hop. They will also explore how hip hop can both challenge and reflect mainstream culture. To help with this, students will be introduced to basic elements of literature and tools for analyzing texts. The course will include readings from artists, music critics, and scholars to contextualize these topics. May not be repeated. LR

LMC: ADR: Arts and Humanities; Diverse Perspectives; DA

TRANSFER: UC; CSU; Cal-GETC Area 3B

ENGL-146 Hip Hop Queens

54 total hours lecture
3 Units

ADVISORY: ENGL-C1000

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

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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. May not be repeated. LR

LMC: ADR: Arts and Humanities DA

TRANSFER: UC; CSU; Cal-GETC Area 3B

ENGL-147 Graphic Novels, Comics, and Manga

54 total hours lecture

3 Units

This is a course in the graphic novel, comics and manga as literature. Comics, graphic novels, sequential art, manga—this art form electrifies the page with its interplay of word and image. We are going to become adept at piecing apart the understated brilliance of these books by understanding their particular vocabulary and analyzing them for theme, character and other elements as we would any literary text. We will explore the past and present impact on a diverse society of comic books and graphic novels as artistic expressions and representations of social, political and cultural issues; in this course we will also examine power, powerlessness, and superpowers. May not be repeated. LR

LMC: DA

TRANSFER: UC

ENGL-150 Lesbian, Gay, Bisexual, Transgender and Queer Literature

54 total hours lecture

3 Units

ADVISORY: ENGL-C1000

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 world views 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. May not be repeated. SC

LMC: ADR: Diverse Perspectives; Social and Behavioral Sciences; DA

TRANSFER: UC; CSU; Cal-GETC Area 3B

ENGL-180 An Introduction to Shakespeare

54 total hours lecture

3 Units

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 folk with Shakespeare. May not be repeated. LR

LMC: ADR: Arts and Humanities; DA

TRANSFER: CSU; Cal-GETC Area 3B

ENGL-230 Thinking and Writing Critically about Literature

54 total hours lecture

3 Units

PREREQUISITE: ENGL-C1000 or ENGL-C1000E

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. May not be repeated. LR

LMC: ADR: English Composition, Oral Communication and Critical Thinking; DA

TRANSFER: UC; CSU; Cal-GETC Area 1B, 3B; C-ID ENGL 120

ENGL-240 Survey of World Literature I: Antiquity to Mid-17th Century

54 total hours lecture

3 Units

PREREQUISITE: ENGL-C1000

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. May not be repeated. LR

LMC: ADR: Arts and Humanities; DA

TRANSFER: UC; CSU; Cal-GETC Area 3B; C-ID ENGL 140

**ENGL-245 Survey of World Literature II:
Mid-17th Century to Present**

54 total hours lecture
3 Units

PREREQUISITE: ENGL-C1000 or equivalent

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. May not be repeated. LR

LMC: ADR: Arts and Humanities; Diverse Perspectives; DA

TRANSFER: UC; CSU; Cal-GETC Area 3B; C-ID ENGL 145

ENGL-C1000 Academic Reading and Writing

54 total hours lecture
3 Units

PREREQUISITE: Placement as determined by the college's multiple measures assessment process.

In this course, students receive instruction in academic reading and writing, including writing processes, effective use of language, analytical thinking, and the foundations of academic research.

Part 2 This class is formerly ENGL-100: College Composition. May not be repeated. LR

LMC: ADR: English Composition, Oral Communication and Critical Thinking: English Composition; DA

TRANSFER: UC; CSU; Cal-GETC Area 1A; C-ID ENGL 100

ENGL-C1000E Academic Reading and Writing

72 total hours lecture
4 Units

PREREQUISITE: Placement as determined by the college's multiple measures assessment process.

In this course, students receive instruction in academic reading and writing, including writing processes, effective use of language, analytical thinking, and the foundations of academic research. This course includes embedded support.

Part 2 This class is formerly ENGL-100E: Enhanced College Composition. May not be repeated. LR

LMC: ADR: English Composition, Oral Communication and Critical Thinking: English Composition; DA

TRANSFER: UC; CSU; Cal-GETC Area 1A

English as a Second Language Credit (ESL)

COLLEGE SKILLS CERTIFICATE

Basic Vocabulary and Reading Development
Foundational Grammar for General Communication
Essential Pronunciation and Conversation
Fundamental Writing Skills
Intermediate English for College and Career Success
Advanced English for Academic and Professional Advancement Skills

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.

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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 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.

COLLEGE SKILLS CERTIFICATES

ENGLISH AS A SECOND LANGUAGE

GENERAL ESL FOR COLLEGE AND CAREER PREPARATION

Basic Vocabulary and Reading Development

REQUIRED COURSES:	UNITS
ESL-065VR Basic Vocabulary & Reading 1 - Credit ESL	3
ESL-075VR Basic Vocabulary & Reading 2 - Credit ESL	3
TOTAL UNITS REQUIRED FOR COLLEGE SKILLS CERTIFICATE:	6

Foundational Grammar for General Communication

REQUIRED COURSES:	UNITS
ESL-065G Foundational Grammar 1 - Credit ESL	3
ESL-075G Foundational Grammar 2 - Credit ESL	3
TOTAL UNITS REQUIRED FOR COLLEGE SKILLS CERTIFICATE:	6

Essential Pronunciation and Conversation

REQUIRED COURSES:	UNITS
ESL-065PC Essential Pronunciation & Conversation 1 - Credit ESL	3
ESL-075PC Essential Pronunciation & Conversation 2 - Credit ESL:	3
TOTAL UNITS REQUIRED FOR COLLEGE SKILLS CERTIFICATE:	6

Fundamental Writing Skills

REQUIRED COURSES:	UNITS
ESL-065W Fundamental Writing 1 - Credit ESL	3
ESL-075W Fundamental Writing 2 - Credit ESL	3
TOTAL UNITS REQUIRED FOR COLLEGE SKILLS CERTIFICATE:	6

ACADEMIC ESL FOR EDUCATIONAL AND PROFESSIONAL ADVANCEMENT

Intermediate English for College and Career Success

REQUIRED COURSES:	UNITS
ESL-085WR Intermediate College Writing - Credit ESL or	5
ESL-085SL Intermediate Oral Communication - Credit ESL or	3
ESL-085G Intermediate Grammar - Credit ESL	4
TOTAL UNITS REQUIRED FOR COLLEGE SKILLS CERTIFICATE:	11-12

Advanced English for Academic and Professional Development

REQUIRED COURSES:	UNITS
ESL-095WR Advanced Academic Writing - Credit ESL	5
ESL-095SL Advanced Speech Communication - Credit ESL	3
ESL-095G Advanced Grammar - Credit ESL	4
TOTAL UNITS REQUIRED FOR COLLEGE SKILLS CERTIFICATE:	12

Program Student 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.
3. 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.
4. 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.
5. 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.

COURSE DESCRIPTIONS**ESL-065G Foundational Grammar 1
- Credit ESL**

54 total hours lecture
3 Units

ADVISORY: Go through the LMC ESL Self-Placement process and use its guidance and information to confirm the "Entry/Bridge" stage is the best place for you to begin. Enroll in ESLN-001 College ESL Student Orientation to get even more help.

Do you want to strengthen your everyday communication skills by improving your understanding and ability to use a set of fundamental English language grammar structures? In this course, you will develop multiple communication skills as you explore the grammar through short readings, practice and development possibilities, speaking and listening activities, and writing opportunities. If you have been learning English for at least a year and want to develop your ability to communicate in English for general purposes, this course is for you. This is the first of a two course package at our "Entry/Bridge" stage of General ESL. Successfully complete ESL-065G and ESL-075G, and then apply for the Credit "Foundational Grammar for General Communication College Skills Certificate." May not be repeated. P/NP

LMC: NDA

**ESL-065PC Essential Pronunciation &
Conversation 1 - Credit ESL**

54 total hours lecture
3 Units

ADVISORY: Go through the LMC ESL Self-Placement process and use its guidance and information to confirm the "Entry/Bridge" stage is the best place for you to begin. Enroll in ESLN-001 College ESL Student Orientation to get even more help.

Would you like to practice and improve your English conversation skills? Do you also want to learn how to pronounce the sounds and patterns that make up the English language? Take this class and begin learning and practicing a set of essential pronunciation features and conversation skills to help you communicate in English for everyday purposes. This course uses language at a beginning to high-beginning level of English, yet non-native English speakers at all levels can also benefit from this course. This is the first of a two-course credit package at our "Entry/Bridge" stage of General ESL. Successfully complete ESL-065PC and ESL-075PC (in the same semester when offered), and then apply for the Credit "Essential Pronunciation and Conversation College Skills Certificate." May not be repeated. P/NP

LMC: NDA

**ESL-065VR Basic Vocabulary & Reading 1
- Credit ESL**

54 total hours lecture
3 Units

ADVISORY: Go through the LMC ESL Self-Placement process and use its guidance and information to confirm the "Entry/Bridge" stage is the best place for you to begin. Enroll in ESLN-001 College ESL Student Orientation to get even more help.

Take this course, and you will increase the English words you know and can use for everyday purposes through short readings, conversations, language games and activities, dictionary use, and audio, video, and computer support. You will also begin developing useful reading skills and learning important strategies that will help you understand different social and global topics, events, and ideas. This course is for beginning to high-beginning English language learning students. This is the first of a two-course credit package at our "Entry/Bridge" stage of General ESL. Successfully complete ESL-065VR and ESL-075VR (in the same semester when offered), and then apply for the Credit "Basic Vocabulary and Reading College Skills Certificate." May not be repeated. P/NP
LMC: NDA

ESL-065W Fundamental Writing 1 - Credit ESL

54 total hours lecture
3 Units

ADVISORY: Go through the LMC ESL Self-Placement process and use its guidance and information to confirm the "Entry/Bridge" stage is the best place for you to begin. Enroll in ESLN-001 College ESL Student Orientation to get even more help.

Take this course, and you will learn and build essential skills needed to communicate clearly when writing in English. Your ability to write will improve week by week as you study and become comfortable using standard English sentence structures and parts of speech, correct punctuation and capitalization, and helpful editing strategies. You will also be exposed to basic vocabulary that will help you successfully complete everyday writing tasks at the sentence level. This course helps students progress to a beginning to high-beginning level of English language learning. This is the first of a two-course credit package at our "Entry/Bridge" stage of General ESL. Successfully complete ESL-065W and ESL-075W (in the same semester when offered), and then apply for the Credit "Fundamental Writing College Skills Certificate." May not be repeated. P/NP

LMC: NDA

ESL-075G Foundational Grammar 2

54 total hours lecture

3 Units

ADVISORY: Go through the LMC ESL Self-Placement process and use its guidance and information to confirm the "Entry/Bridge" stage is the best place for you to begin, and complete 065G. New students, enroll in ESLN-001 College ESL Student Orientation to get even more help.

CO-REQUISITE: ESL 065G - Foundational Grammar 1

Do you want to continue to develop your communication skills by improving your understanding and ability to use another set of fundamental English language grammar structures? In this course that supports and builds on what is taught in 065G, you will strengthen various skills as you explore the grammar in readings, practice and development possibilities, speaking and listening activities, and writing opportunities. If you are ready to move on toward a high-beginning to low-intermediate level of English language learning, this course is for you. This is the second of a two-course package at our "Entry/Bridge" stage of General ESL. Successfully complete ESL-065G and ESL-075G (in the same semester when offered), and then apply for the Credit "Foundational Grammar for General Communication College Skills Certificate." May not be repeated. P/NP

LMC: NDA

ESL-075PC Essential Pronunciation & Conversation 2 - Credit ESL

54 total hours lecture

3 Units

ADVISORY: Go through the LMC ESL Self-Placement process and use its guidance and information to confirm the "Entry/Bridge" stage is the best place for you to begin, and complete 065PC. New students, enroll in ESLN-001 College ESL Student Orientation to get even more help.

CO-REQUISITE: ESL 065G - Foundational Grammar 1

Would you like to continue practicing and improving your English conversation skills? Do you also want to learn more about how to pronounce additional sounds and patterns that make up the English language? Then, take this class, which supports and builds on what is taught in 065PC, and continue learning and practicing a second set of essential pronunciation features and conversation skills to help you communicate in English for social, school, and work purposes. This course works toward developing a high-beginning to low-intermediate level of English. Non-native English speakers at higher levels can also benefit from this course. This is the first of a two-course credit package at our "Entry/Bridge" stage of General ESL. Successfully complete ESL-065PC and ESL-075PC (in the same semester when offered), and then apply for the Credit "Essential Pronunciation and Conversation College Skills Certificate." May not be repeated. P/NP

LMC: NDA

ESL-075VR Basic Vocabulary & Reading 2 - Credit ESL

54 total hours lecture

3 Units

CO-REQUISITE: ESL-065VR

ADVISORY: Go through the LMC ESL Self-Placement process and use its guidance and information to confirm the "Entry/Bridge" stage is the best place for you to begin, and complete 065VR. New students, enroll in ESLN-001 College ESL Student Orientation to get even more help.

Take this course along with or after 065VR, and you will continue to expand the English words you know and can use in social, service, college, and work situations through interesting readings, conversations, activities, dictionary use, and audio, video, and computer support. Additionally, you will enhance your ability to use key reading skills and strategies that will support your exploration and understanding of different social and global topics, events, and ideas. This course supports high-beginning to low intermediate English language learning. This is the second of a two-course credit package at our "Entry/Bridge" stage of General ESL. Successfully complete ESL 065VR and ESL-075VR (in the same semester when offered), and then apply for the Credit "Basic Vocabulary and Reading College Skills Certificate." May not be repeated. P/NP

LMC: NDA

ESL-075W Fundamental Writing 2 - Credit ESL

54 total hours lecture

3 Units

CO-REQUISITE: ESL-065W

ADVISORY: Go through the LMC ESL Self-Placement process and use its guidance and information to confirm the "Entry/Bridge" stage is the best place for you to begin, and complete 065W. New students, enroll in ESLN-001 College ESL Student Orientation to get even more help

Take this course along with or after 065W, and you will increase your ability and confidence to communicate clearly when writing in English for everyday purposes. Your writing will develop as you practice key grammatical and structural elements for writing quality sentences and as you learn about the basics of paragraph writing. You will also be able to learn new words through paragraph review and analysis opportunities. This course supports high-beginning to low-intermediate English language learning. This is the second of a two-course credit package at our "Entry/Bridge" stage of General ESL. Successfully complete ESL-065W and ESL-075W (in the same semester when offered), and then apply for the Credit "Fundamental Writing Skills College Skills Certificate." May not be repeated. P/NP not be repeated. P/NP

LMC: NDA

ESL-085G Intermediate Grammar - Credit ESL

72 total hours lecture

4 Units

ADVISORY: Go through the LMC ESL Self-Placement process and use its guidance and information to confirm the "Intermediate" stage is the best place for you to begin. Have completed the 065 and 075 courses or the equivalent. New students, enroll in ESLN-001 College ESL Student Orientation to get even more help.

Are you ready to build on the general English language skills you have and move on to improving your ability to communicate confidently and appropriately in English-speaking college and work settings? Would you like to improve your capacity to understand and participate in academic and career situations and engage with your fellow students, professors, and people at work? Then take this course, which supports intermediate to high intermediate English language learning, and provides you opportunities to enhance your understanding and ability to use a selection of intermediate English grammar structures to strengthen your reading, listening, and thinking abilities and your oral and written communication. This is one course in a three course credit package at our "Intermediate" stage of Academic ESL. Successfully complete ESL-085G, ESL-085SL, and ESL -085WR (in the same semester when offered), and then apply for the Credit "Intermediate English for College and Career Success Skills Certificate." May not be repeated. SC

LMC: NDA

ESL-085SL Intermediate Oral Communication - Credit ESL

54 total hours lecture

3 Units

ADVISORY: Go through the LMC ESL Self-Placement process and use its guidance and information to confirm the "Intermediate" stage is the best place for you to begin. Have completed the 065 and 075 courses or the equivalent. New students, enroll in ESLN-001 College ESL Student Orientation to get even more help.

Are you an English language learner who wants and/or needs to prepare yourself for the oral communication opportunities and challenges of U.S. college classrooms and work places? Then this course, which supports intermediate to high-intermediate English Language learning, is for you. In it, you will have chances to sharpen your listening abilities and visual sensitivities as you listen to, watch, and analyze presentations and performances on a range of college and career topics of interest. You will also learn and practice effective note-taking strategies to improve your comprehension, and you will develop interactive speaking and listening skills to help you engage fully and confidently in a variety of college and career oral communication settings and situations. This is one course in a three-course credit package at our "Intermediate" stage of Academic ESL. Successfully complete ESL -085SL, ESL-085G, and ESL-085WR (in the same semester when offered), and then apply for the Credit "Intermediate English for College and Career Success Skills Certificate." May not be repeated. SC.

LMC: NDA

ESL-085WR Intermediate College Writing - Credit ESL

90 total hours lecture

5 Units

ADVISORY: Go through the LMC ESL Self-Placement process and use its guidance and information to confirm the "Intermediate" stage is the best place for you to begin. Have completed the 065 and 075 courses or the equivalent. New students, enroll in ESLN-001 College ESL Student Orientation to get even more help.

Are you a multilingual English language learner with a solid base of general English who wants to build strong academic writing, reading, vocabulary, and thinking skills that will prepare you to engage and succeed in U.S. college classrooms and workplaces? Then, this class is for you. In it, you will have opportunities to develop valuable skills and strategies and apply them to critically read, think about, analyze, discuss, understand, and write about social, cultural, and global ideas relevant to you. This class supports intermediate to high-intermediate English language learning and focuses on developing the related grammar, syntax, and organizational skills to produce solid academic paragraphs and the North American college essay. This is one course in a three-course credit package at our "Intermediate" stage of Academic ESL. Successfully complete ESL-085WR, ESL-085G, and ESL-085G (in the same semester when offered), and then apply for the Credit "Intermediate English for College and Career Success College Skills Certificate." May not be repeated. SC

LMC: NDA

ESL-095G Advanced Grammar - Credit ESL

72 total hours lecture

4 Units

ADVISORY: Go through the LMC ESL Self-Placement process and use its guidance and information to confirm the "Advanced" stage is the best place for you to begin. Have completed the 085 courses or the equivalent. New students, enroll in ESLN-001 College ESL Student Orientation to get even more help.

Do you want to continue to strengthen your potential to communicate with accuracy and confidence in English-speaking academic and career environments? Then take this class, which builds on the general and intermediate grammar and communication skills that you have already acquired and supports advanced English language learning. You will have opportunities to learn and use a set of advanced English grammar structures to boost your reading, writing, listening, speaking, and thinking abilities and solidify your ability to competently communicate with your peers, professors, and the people you work with in English. This is one course in a three-course credit package at our "Advanced" stage of Academic ESL. Successfully complete ESL-095G, ESL-095SL, and ESL-095WR (in the same semester when offered), and then apply for the Credit "Advanced English for Academic and Professional Advancement College Skills Certificate." May not be repeated. SC

LMC: NDA

**ESL-095SL Advanced Speech Communication
- Credit ESL**

54 total hours lecture

3 Units

ADVISORY: Go through the LMC ESL Self-Placement process and use its guidance and information to confirm the "Advanced" stage is the best place for you to begin. Have completed the 085 courses or the equivalent. New students, enroll in ESLN-001 College ESL Student Orientation to get even more help.

Are you an English language learner who wants and/or needs to be able to speak and listen confidently and effectively in public situations and settings? Then take this course in which you will explore features, learn strategies, and practice skills that go into making communication in various social spaces successful. This advanced language learning course introduces you to certain interpersonal and intercultural communication ideas, helps you develop related techniques, and gives you real-world opportunities to improve your participation and performance in classrooms, meetings, interviews, presentations, and everyday interactions and relationships. This is one course in a three-course credit package at our "Advanced" stage of Academic ESL. Successfully complete ESL-095SL, ESL-095G, and ESL-095WR (in the same semester when offered), and then apply for the Credit "Advanced English for Academic and Professional Advancement College Skills Certificate." May not be repeated. SC

LMC: NDA

**ESL-095WR Advanced Academic Writing
- Credit ESL**

90 total hours lecture

5 Units

ADVISORY: Go through the LMC ESL Self-Placement process and use its guidance and information to confirm the "Advanced" stage is the best place for you to begin. Have completed the 085 courses or the equivalent. New students, enroll in ESLN-001 College ESL Student Orientation to get even more help.

Do you want to use the intermediate English language skills you have developed and move on to advance your potential to succeed in transfer-level English? Then enroll in this advanced English language learning course, and get the help you need to enhance your critical reading, dispositional thinking, and university writing abilities. Not only will you sharpen valuable academic skills and strategies to read, analyze, understand, discuss, and write about stimulating social, cultural, ethical, and global issues, events, and concepts in English, but you will also improve your ability to understand and use advanced vocabulary, expressions, and grammatical structures. Choosing to take this course will help you progress toward gaining mastery of North American academic paragraph and essay writing. This is one course in a three-course credit package at our "Advanced" stage of Academic ESL. Successfully complete ESL-095WR, ESL-095G, and ESL-095SL (in the same semester when offered), and then apply for the Credit "Advanced English for Academic and Professional Advancement College Skills Certificate." May not be repeated. SC

LMC: DA

TRANSFER: UC; CSU

English As A Second Language Noncredit (ESLN)

CERTIFICATE OF COMPETENCY

Advanced English for Academic & Professional Advancement
Basic Vocabulary and Reading
College of ESL Success
Foundational Grammar for General Communication
Essential Pronunciation & Conversation
Fundamental Writing Skills
Intermediate English for College and Career 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.

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.

CERTIFICATES OF COMPETENCY

ENGLISH AS A SECOND LANGUAGE

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.

Program Student 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.
3. 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.
4. 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.

5. 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.

GENERAL ESL FOR COLLEGE AND CAREER PREPARATION

Basic Vocabulary and Reading Development

REQUIRED COURSES:		HOURS
ESLN-065VR	Basic Vocabulary & Reading 1	
	- Noncredit ESL	54
ESLN-075VR	Basic Vocabulary & Reading 2	
	- Noncredit ESL	54
TOTAL HOURS REQUIRED FOR THIS CERTIFICATE:		108

Foundational Grammar for General Communication

REQUIRED COURSES:		HOURS
ESLN-065G	Foundational Grammar 1 - Noncredit ESL	54
ESLN-075G	Foundational Grammar 2 - Noncredit ESL	54
TOTAL HOURS REQUIRED FOR THIS CERTIFICATE:		108

Essential Pronunciation and Conversation

REQUIRED COURSES:		HOURS
ESLN-065PC	Essential Pronunciation & Conversation 1	
	- Noncredit ESL	54
ESLN-075PC	Essential Pronunciation & Conversation 2	
	- Noncredit ESL	54
TOTAL HOURS REQUIRED FOR THIS CERTIFICATE:		108

Fundamental Writing Skills

REQUIRED COURSES:		HOURS
ESLN-065W	Fundamental Writing 1	
	- Noncredit ESL	54
ESLN-075W	Fundamental Writing 2	
	- Noncredit ESL	54
TOTAL HOURS REQUIRED FOR THIS CERTIFICATE:		108

Program Student 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.

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- 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.
- 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.
- 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.
- 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.

ACADEMIC ESL FOR EDUCATIONAL AND PROFESSIONAL ADVANCEMENT

College of ESL Success

REQUIRED COURSES: HOURS

ESLN-001	College ESL Student Orientation	4
ESLN-002	College ESL Student Navigation	8
ESLN-003	College ESL Student Engagement	8
TOTAL HOURS REQUIRED FOR COLLEGE SKILLS CERTIFICATE:		20

Intermediate English for College and Career Success

REQUIRED COURSES: HOURS

ESLN-085G	Intermediate Grammar - Noncredit ESL	72
ESLN-085SL	Intermediate Oral Communication - Noncredit ESL	54
ESLN-085WR	Intermediate College Writing - Noncredit ESL	90
TOTAL HOURS REQUIRED FOR THIS CERTIFICATE:		216

The courses that make up this certificate are meant to be scheduled and taken as an intermediate instructional "package" in the same academic semester (or in the same academic year), offering an optimized, intensive language learning experience for students on an academic and career focused educational track. This phase of that track prepares students to successfully engage in North American college classrooms by experiencing, exploring, practicing, and developing the relevant and important academic language, communication, and dispositional and critical thinking skills, strategies, and behaviors at an intermediate stage of English language proficiency.

Advanced English for Academic and Professional Development

REQUIRED COURSES: HOURS

ESLN-095G	Advanced Grammar - Noncredit ESL	72
ESLN-095SL	Advanced Speech Communication - Noncredit ESL	54
ESLN-095WR	Advanced Academic Writing - Noncredit ESL	90
TOTAL HOURS REQUIRED FOR THIS CERTIFICATE:		216

COURSE DESCRIPTIONS

ESLN-001 College ESL Student Orientation

4 total hours

0 Units

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 on boarding 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). P/NP/SP

LMC: NC

ESLN-002 College ESL Student Navigation

8 total hours

0 Units

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). P/NP/SP

LMC: NC

ESLN-003 College ESL Student Engagement

8 total hours

0 Units

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 opportuni-

ties 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). P/NP/SP

LMC: NC

ESLN-065G Foundational Grammar 1 - Noncredit ESL

54 total hours

0 Units

ADVISORY: Go through the LMC ESL Self-Placement process and use its guidance and information to confirm the "Entry/Bridge" stage is the best place for you to begin. Enroll in ESLN-001 College ESL Student Orientation to get even more help.

Do you want to strengthen your everyday communication skills by improving your understanding and ability to use a set of fundamental English language grammar structures? In this course, you will develop multiple communication skills as you explore the grammar through short readings, practice and development possibilities, speaking and listening activities, and writing opportunities. If you have been learning English for at least a year and want to develop your ability to communicate in English for general purposes, this course is for you. This is the first of a two-course package at our "Entry/Bridge" stage of General ESL. Successfully complete ESLN-065G and ESLN-075G, and then apply for the Noncredit "Foundational Grammar for General Communication Certificate of Competency." P/NP/SP

LMC: NC

ESLN-065PC Essential Pronunciation & Conversation 1 - Noncredit ESL

54 total hours

0 Units

ADVISORY: Go through the LMC ESL Self-Placement process and use its guidance and information to confirm the "Entry/Bridge" stage is the best place for you to begin. Enroll in ESLN-001 College ESL Student Orientation to get even more help.

Would you like to practice and improve your English conversation skills? Do you also want to learn how to pronounce the sounds and patterns that make up the English language? Take this class and begin learning and practicing a set of essential pronunciation features and conversation skills to help you communicate in English for everyday purposes. This course uses language at a beginning to high-beginning level of English, yet non-native English speakers at all levels can also benefit from this course. This is the first of a two-course noncredit package at our "Entry/Bridge" stage of General ESL. Successfully complete ESLN 065PC and ESLN-075PC (in the same semester when offered), and then apply for the Noncredit "Essential Pronunciation and Conversation Certificate of Competency." P/NP/SP

LMC: NC

ESLN-065VR Basic Vocabulary & Reading - Noncredit ESL

54 total hours

0 Units

ADVISORY: Go through the LMC ESL Self-Placement process and use its guidance and information to confirm the "Entry/Bridge" stage is the best place for you to begin. Enroll in ESLN-001 College ESL Student Orientation to get even more help.

Take this course, and you will increase the English words you know and can use for everyday purposes through short readings, conversations, language games and activities, dictionary use, and audio, video, and computer support. You will also begin developing useful reading skills and learning important strategies that will help you understand different social and global topics, events, and ideas. This course is for beginning to high-beginning English language learning students. This is the first of a two-course noncredit package at our "Entry/Bridge" stage of General ESL. Successfully complete ESLN-065VR and ESLN-075VR (in the same semester when offered), and then apply for the Noncredit "Basic Vocabulary and Reading Certificate of Competency."

LMC: NC

ESLN-065W Fundamental Writing 1 - Noncredit ESL

54 total hours

0 Units

ADVISORY: Go through the LMC ESL Self-Placement process and use its guidance and information to confirm the "Entry/Bridge" stage is the best place for you to begin. Enroll in ESLN-001 College ESL Student Orientation to get even more help.

Take this course, and you will learn and build essential skills needed to communicate clearly when writing in English. Your ability to write will improve week by week as you study and become comfortable using standard English sentence structures and parts of speech, correct punctuation and capitalization, and helpful editing strategies. You will also be exposed to basic vocabulary that will help you successfully complete everyday writing tasks at the sentence level. This course helps students progress to a beginning to high-beginning level of English language learning. This is the first of a two-course noncredit package at our "Entry/Bridge" stage of General ESL. Successfully complete ESLN -065W and ESLN-075W (in the same semester when offered), and then apply for the Noncredit "Fundamental Writing Skills Certificate of Competency." P/NP/SP

LMC: NC

**ESLN-075G Foundational Grammar 2
- Noncredit ESL**

54 total hours

0 Units

ADVISORY: Go through the LMC ESL Self-Placement process and use its guidance and information to confirm the "Entry/Bridge" stage is the best place for you to begin. Enroll in ESLN-001 College ESL Student Orientation to get even more help.

CO-REQUISITE: ESL-065G - Foundational Grammar 1

Do you want to continue to develop your communication skills by improving your understanding and ability to use another set of fundamental English language grammar structures? In this course that supports and builds on what is taught in 065G, you will strengthen various skills as you explore the grammar in readings, practice and development possibilities, speaking and listening activities, and writing opportunities. If you are ready to move on toward a high-beginning to low-intermediate level of English language learning, this course is for you. This is the second of a two-course package at our "Entry/Bridge" stage of General ESL. Successfully complete ESLN-065G and ESLN-075G (in the same semester when offered), and then apply for the Noncredit "Foundational Grammar for General Communication Certificate of Competency."

LMC: NC

**ESLN-075PC Essential Pronunciation &
Conversation 2
- Noncredit ESL**

54 total hours

0 Units

ADVISORY: Go through the LMC ESL Self-Placement process and use its guidance and information to confirm the "Entry/Bridge" stage is the best place for you to begin. Enroll in ESLN-001 College ESL Student Orientation to get even more help.

CO-REQUISITE: ESL 065G - Foundational Grammar 1

Would you like to continue practicing and improving your English conversation skills? Do you also want to learn more about how to pronounce additional sounds and patterns that make up the English language? Then, take this class, which supports and builds on what is taught in 065PC, and continue learning and practicing a second set of essential pronunciation features and conversation skills to help you communicate in English for social, school, and work purposes. This course works toward developing a high-beginning to low-intermediate level of English. Non-native English speakers at higher levels can also benefit from this course. This is the first of a two-course noncredit package at our "Entry/Bridge" stage of General ESL. Successfully complete ESLN-065PC and ESLN-075PC (in the same semester when offered), and then apply for the Noncredit "Essential Pronunciation and Conversation Certificate of Competency." P/NP/SP

LMC: NC

**ESLN-075VR Basic Vocabulary & Reading 2
- Noncredit ESL**

54 total hours

0 Units

ADVISORY: Go through the LMC ESL Self-Placement process and use its guidance and information to confirm the "Entry/Bridge" stage is the best place for you to begin. Enroll in ESLN-001 College ESL Student Orientation to get even more help.

CO-REQUISITE: ESL 065G - Foundational Grammar 1

Take this course along with or after 065VR, and you will continue to expand the English words you know and can use in social, service, college, and work situations through interesting readings, conversations, activities, dictionary use, and audio, video, and computer support. Additionally, you will enhance your ability to use key reading skills and strategies that will support your exploration and understanding of different social and global topics, events, and ideas. This course supports high-beginning to low-intermediate English language learning. This is the second of a two-course noncredit package at our "Entry/Bridge" stage of General ESL. Successfully complete ESL-065VR and ESL-075VR (in the same semester when offered), and then apply for the Noncredit "Basic Vocabulary and Reading Certificate of Competency." P/NP/SP

LMC: NC

**ESLN-075W Fundamental Writing Skills 2
- Noncredit ESL**

54 total hours

0 Units

ADVISORY: Go through the LMC ESL Self-Placement process and use its guidance and information to confirm the "Entry/Bridge" stage is the best place for you to begin. Enroll in ESLN-001 College ESL Student Orientation to get even more help.

CO-REQUISITE: ESL 065G - Foundational Grammar 1

Take this course along with or after 065W, and you will increase your ability and confidence to communicate clearly when writing in English for everyday purposes. Your writing will develop as you practice key grammatical and structural elements for writing quality sentences and as you learn about the basics of paragraph writing. You will also be able to learn new words through paragraph review and analysis opportunities. This course supports high-beginning to low-intermediate English language learning. This is the second of a two-course noncredit package at our "Entry/Bridge" stage of General ESL. Successfully complete ESLN-065W and ESLN-075W (in the same semester when offered), and then apply for the Noncredit "Fundamental Writing Skills Certificate of Competency." P/NP/SP

LMC: NC

**ESLN-085G Intermediate Grammar
- Noncredit ESL**

72 total hours
0 Units

ADVISORY: Go through the LMC ESL Self-Placement process and use its guidance and information to confirm the "Entry/Bridge" stage is the best place for you to begin. Enroll in ESLN-001 College ESL Student Orientation to get even more help.

Are you ready to build on the general English language skills you have and move on to improving your ability to communicate confidently and appropriately in English-speaking college and work settings? Would you like to improve your capacity to understand and participate in academic and career situations and engage with your fellow students, professors, and people at work? Then take this course, which supports intermediate to high-intermediate English language learning, and provides you opportunities to enhance your understanding and ability to use a selection of intermediate English grammar structures to strengthen your reading, listening, and thinking abilities and your oral and written communication. This is one course in a three-course noncredit package at our "Intermediate" stage of Academic ESL. Successfully complete ESLN-085G, ESLN-085SL, and ESLN-085WR (in the same semester when offered), and then apply for the Noncredit "Intermediate English for College and Career Success Certificate of Competency." P/NP/SP

LMC: NC

**ESLN-085SL Intermediate Oral Communication
- Noncredit ESL**

54 total hours
0 Units

ADVISORY: Go through the LMC ESL Self-Placement process and use its guidance and information to confirm the "Entry/Bridge" stage is the best place for you to begin. Enroll in ESLN-001 College ESL Student Orientation to get even more help.

Are you an English language learner who wants and/or needs to prepare yourself for the oral communication opportunities and challenges of U.S. college classrooms and workplaces? Then this course, which supports intermediate to high-intermediate English language learning, is for you. In it, you will have chances to sharpen your listening abilities and visual sensitivities as you listen to, watch, and analyze presentations and performances on a range of college and career topics of interest. You will also learn and practice effective note-taking strategies to improve your comprehension, and you will develop interactive speaking and listening skills to help you engage fully and confidently in a variety of college and career oral communication settings and situations. This is one course in a three-course noncredit package at our "Intermediate" stage of Academic ESL. Successfully complete ESLN-085SL, ESLN-085G, and ESLN-085WR (in the same semester when offered), and then apply for the Noncredit "Intermediate English for College and Career Success Certificate of Competency." P/NP/SP

LMC: NC

**ESLN-085WR Intermediate College Writing
- Noncredit ESL**

90 total hours
0 Units

ADVISORY: Go through the LMC ESL Self-Placement process and use its guidance and information to confirm the "Entry/Bridge" stage is the best place for you to begin. Enroll in ESLN-001 College ESL Student Orientation to get even more help.

Are you a multilingual English language learner with a solid base of general English who wants to build strong academic writing, reading, vocabulary, and thinking skills that will prepare you to engage and succeed in U.S. college classrooms and workplaces? Then, this class is for you. In it, you will have opportunities to develop valuable skills and strategies and apply them to critically read, think about, analyze, discuss, understand, and write about social, cultural, and global ideas relevant to you. This class supports intermediate to high-intermediate English language learning and focuses on developing the related grammar, syntax, and organizational skills to produce solid academic paragraphs and the North American college essay. This is one course in a three-course noncredit package at our "Intermediate" stage of Academic ESL. Successfully complete ESLN-085WR, ESLN-085G, and ESLN-085SL (in the same semester when offered), and then apply for the noncredit "Intermediate English for College and Career Success Certificate of Competency." P/NP/SP

LMC: NC

ESLN-095G Advanced Grammar- Noncredit ESL

72 total hours
0 Units

ADVISORY: Go through the LMC ESL Self-Placement process and use its guidance and information to confirm the "Entry/Bridge" stage is the best place for you to begin. Enroll in ESLN-001 College ESL Student Orientation to get even more help.

Do you want to continue to strengthen your potential to communicate with accuracy and confidence in English-speaking academic and career environments? Then take this class, which builds on the general and intermediate grammar and communication skills that you have already acquired and supports advanced English language learning. You will have opportunities to learn and use a set of advanced English grammar structures to boost your reading, writing, listening, speaking, and thinking abilities and solidify your ability to competently communicate with your peers, professors, and the people you work with in English. This is one course in a three-course noncredit package at our "Advanced" stage of Academic ESL. Successfully complete ESLN-095G, ESLN-095SL, and ESLN-095WR (in the same semester when offered), and then apply for the Noncredit "Advanced English for Academic and Professional Advancement Certificate of Competency." P/NP/SP

LMC: NC

**ESLN-095SL Advanced Speech Communication
- Noncredit ESL**

54 total hours

0 Units

ADVISORY: Go through the LMC ESL Self-Placement process and use its guidance and information to confirm the "Entry/Bridge" stage is the best place for you to begin. Enroll in ESLN-001 College ESL Student Orientation to get even more help.

Are you an English language learner who wants and/or needs to be able to speak and listen confidently and effectively in public situations and settings? Then take this course in which you will explore features, learn strategies, and practice skills that go into making communication in various social spaces successful. This advanced language learning course introduces you to certain interpersonal and intercultural communication ideas, helps you develop related techniques, and gives you real-world opportunities to improve your participation and performance in classrooms, meetings, interviews, presentations, and everyday interactions and relationships. This is one course in a three-course noncredit package at our "Advanced" stage of Academic ESL. Successfully complete ESLN-095SL, ESLN-095G, and ESLN-095WR (in the same semester when offered), and then apply for the Noncredit "Advanced English for Academic and Professional Advancement Certificate of Competency." P/NP/SP

LMC: NC

**ESLN-095WR Advanced Academic Writing
- Noncredit ESL**

90 total hours

0 Units

ADVISORY: Go through the LMC ESL Self-Placement process and use its guidance and information to confirm the "Entry/Bridge" stage is the best place for you to begin. Enroll in ESLN-001 College ESL Student Orientation to get even more help.

Do you want to use the intermediate English language skills you have developed and move on to advance your potential to succeed in transfer-level English? Then enroll in this advanced English language learning course, and get the help you need to enhance your critical reading, dispositional thinking, and university writing abilities. Not only will you sharpen valuable academic skills and strategies to read, analyze, understand, discuss, and write about stimulating social, cultural, ethical, and global issues, events, and concepts in English, but you will also improve your ability to understand and use advanced vocabulary, expressions, and grammatical structures. Choosing to take this course will help you progress toward gaining mastery of North American academic paragraph and essay writing. This is one course in a three-course noncredit package at our "Advanced" stage of Academic ESL. Successfully complete ESLN-095WR, ESLN-095G, and ESLN-095SL (in the same semester when offered), and then apply for the Noncredit "Advanced English for Academic and Professional Advancement Certificate of Competency." P/NP/SP

LMC: NC

Ethnic Studies

DEGREE—Associate of Arts

Ethnic Studies

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 Cal-GETC to prepare students to take upper division courses at a California State University or University of California.

ASSOCIATE OF ARTS

Ethnic Studies

REQUIRED COURSES:		UNITS
ETHN-101	Introduction to Ethnic Studies	3
ETHN-102	Critical Thinking in Ethnic Studies	3
ETHN-103	Racial and Ethnic Justice Movements	3
TOTAL UNITS		9
CHOOSE TWO OF THE FOLLOWING (TOTAL 6 UNITS):		
ETHN-045	Introduction to Black Studies	3
ETHN-110	Introduction to Native American/Indigenous Studies	3
ETHN-111	Introduction to Chicanx Studies	3
ETHN-112	Introduction to Latinx Studies	3
TOTAL UNITS		6

CHOOSE ONE OF THE FOLLOWING (TOTAL 3 UNITS):

ETHN-120	Immigrant Experiences in the U.S.	3
ETHN-121	Critical Race Feminisms	3
ETHN-123	Statistical Methods for Ethnic Studies	3
ETHN-113	Introduction to Asian American & Pacific Islander Studies	3
SJS-110	Introduction to Social Justice Studies	3
SJS-150	Introduction to Race & Ethnicity	3
SJS-135	Introduction to LGBTQ+ Studies	3
SJS-136	Introduction to Gender Studies	3
ENGL-135	Introduction to LGBTQ+ Studies	3
ENGL-136	Introduction to Gender Studies	3
TOTAL UNITS		3
TOTAL UNITS FOR THE MAJOR		18

TOTAL UNITS FOR THE DEGREE **60**

Program Student 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 American and Asian Pacific Islanders, and Chicana/Latina 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 Chicana/Latina 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. 70
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 Chicana/Latina communities as they work toward a just and equitable society.

COURSE DESCRIPTIONS**ETHN-045 Introduction to Black Studies**

54 total hours lecture
3 Units

ADVISORY: ENGL-C1000

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. May not be repeated. SC

LMC: ADR: *Ethnic Studies*; DA

TRANSFER: CSU; UC; Cal-GETC Area 4, 6

ETHN-101 Introduction to Ethnic Studies

54 total hours lecture
3 Units

ADVISORY: ENGL-C1000

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, Chicana/Xicana, 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, Chicana/Xicana, 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. May not be repeated. SC

LMC: ADR: *Ethnic Studies*; DA

TRANSFER: CSU; UC; Cal-GETC Area 4, 6

ETHN-102 Critical Thinking in Ethnic Studies

54 total hours lecture

3 Units

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 Chicanx/Latinx 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. May not be repeated. SC

LMC: ADR: *Ethnic Studies*; DA**TRANSFER:** CSU; UC; Cal-GETC Area 4, 6**ETHN-103 Racial and Ethnic Justice Movements**

54 total hours lecture

3 Units

Racial and Ethnic Justice Movements will examine nongovernmental 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. May not be repeated. SC

LMC: ADR: *Ethnic Studies*; DA**TRANSFER:** CSU; UC; Cal-GETC Area 4, 6**ETHN-110 Introduction to Native American/Indigenous Studies**

54 total hours lecture

3 Units

ADVISORY: ENGL-C1000

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. May not be repeated. SC

LMC: ADR: *Ethnic Studies*; DA**TRANSFER:** CSU; UC; Cal-GETC Area 4, 6**ETHN-111 Introduction to Chicanx Studies**

54 total hours lecture

3 Units

ADVISORY: ENGL-C1000

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. May not be repeated. SC

LMC: ADR: *Ethnic Studies*; DA**TRANSFER:** CSU, UC

ETHN-112 Introduction to Latinx Studies

54 total hours lecture

3 Units

ADVISORY: ENGL-C1000

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. May not be repeated. SC

LMC: ADR: *Ethnic Studies*; DA**TRANSFER:** UC; CSU**ETHN-113 Introduction to Asian American & Pacific Islander Studies**

54 total hours lecture

3 Units

ADVISORY: ENGL-C1000

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. The class takes a thematic approach that will allow for comparative analysis with emphasis on identity formation, transnational and transpacific considerations of race and racialization, ethnicity, (im)migration, gender, sexuality, and class, especially as it relates to AAPI communities. The class will also critique the very construction of "API" and "Asian Pacific American Studies" to reflect the current and important trends and conversations in the field around the panethnic or monolithic approach that categorizes the community as AAPI in lieu of unique subgroup communities. Additional themes will include imperialism and colonization, sovereignty and self-determination, indigeneity, transnationalism, militarization, social movements and activism, the western gaze, the model minority, exoticization and media representation, literature, and the arts. May not be repeated. SC

LMC: ADR: *Ethnic Studies*; DA**TRANSFER:** CSU**ETHN-120 Sin Fronteras: Experiences on the Borderlands**

54 total hours lecture

3 Units

ADVISORY: ENGL-C1000

This introductory Ethnic Studies course examines how U.S. processes of racial formation and gendering are related to multiple transnational circulations of commodities, bodies, labor, capital, knowledge, and culture. The class will interrogate the material and ideological work of borders – particularly nation-state borders – but also the borders and boundaries of racial and ethnic categories, gendered and sexualized identities, languages, forms of labor, and disciplinary categories of knowledge. The class will explain how racialized categories of difference have been historically co-constructed with borders and citizenship and will grant students the opportunity to critically reflect on the complex and nuanced ways in which people's lives are both constrained by borders and transcend them. May not be repeated. SC

LMC: ADR: *Ethnic Studies*; DA**TRANSFER:** CSU**ETHN-121 Critical Race Feminisms**

54 total hours lecture

3 Units

ADVISORY: ENGL-C1000

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, Chicana/x/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, Chicana/x/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. May not be repeated. SC

LMC: ADR: *Ethnic Studies*; DA**TRANSFER:** UC; CSU

ETHN-122 Race, Ethnicity, and Political Activism

54 total hours lecture
3 Units

ADVISORY: ENGL-C1000

This course provides an Ethnic Studies examination of U.S. institutions of social, political, and economic power from the history and experiences of minoritized populations, such as African American/Black, Native American/Indigenous, Asian American and Pacific Islander, Chicana/xicanx, and Latinx communities, with additional emphases placed on women of color and immigrants. Students will critically analyze processes that effect the status and power of groups which have traditionally been disadvantaged in the U.S. Through an Ethnic Studies critical perspective, students will focus on citizenship, pluralism, voting, and civil rights and liberties as expressed by documents such as the U.S. Constitution as well as the legislative, executive, and judicial branches of governance. Emphasis will be placed on diverse forms of political participation and how African American/Black, Native American/Indigenous, Asian American and Pacific Islander, Chicana/xicanx, and Latinx communities utilize communal activism to influence U.S. institutions at the local, state, and federal levels in social and racial justice movements that illustrate group agency, affirmation, and liberation led by people of color. May not be repeated. SC

LMC: ADR: *Ethnic Studies*; DA

TRANSFER: UC; CSU

ETHN-123 Statistical Methods for Ethnic Studies

54 total hours lecture
3 Units

ADVISORY: STAT-C1000

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/x/Latinx Studies, Indigenous/Native American Studies, and Asian American and Pacific Islander Studies. Specific content and statistical analysis will surround topics related to the field of Ethnic Studies, such as education, educational equity, school to prison pipeline, income inequality, wealth gap, racism, white supremacy, gender inequality, environmental racism, immigration/migration/borer creations, community cultural wealth, bi-racial and multi-racial identities (mestiza consciousness), etc. 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. May not be repeated. SC

LMC: ADR: *Ethnic Studies*; DA

TRANSFER: CSU

Fire Technology

DEGREE—Associate of Science

Fire Technology

CERTIFICATE OF ACHIEVEMENT

Fire Technology

Fire Academy

COLLEGE SKILLS CERTIFICATE

Basic Fire Academy

Fire Prevention

Fire Protection

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.

ASSOCIATE OF SCIENCE AND CERTIFICATE OF ACHIEVEMENT

FIRE TECHNOLOGY

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.

REQUIRED COURSES:		UNITS
FIRE-101	Fire Protection Organization	3
FIRE-102	Fire Behavior and Combustion	3
FIRE-103	Fire Protection Equipment & Systems	3
FIRE-104	Building Construction for Fire Protection	3
FIRE-105	Fire Prevention	3
FIRE-107	Principles of Fire and Emergency Services	3
	Safety and Survival	3
TOTAL UNITS		18

ELECTIVES: COMPLETE A TOTAL OF 6 UNITS FROM THE LIST BELOW:

FIRE-106	Physical Fitness for Public Safety Personnel	1
FIRE-170	Work Experience Education in	
	Fire Technology	1-4
EMS-010	Emergency Medical Technician Academy	8
EMS-013	Medical Terminology for Health Care	
	Professions	3
COMM-C1000	Introduction to Public Speaking	3
PHIL-110	Critical Thinking and Comp	3
TOTAL UNITS		6

TOTAL UNITS FOR THE MAJOR **24**

TOTAL UNITS FOR THE DEGREE **60**

Program Student 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.

CERTIFICATE OF ACHIEVEMENT**FIRE ACADEMY**

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; and 4) Proof of medical insurance

REQUIRED COURSES: FIRST SEMESTER		UNITS
FIRE-101	Fire Protection Organization	3
FIRE-102	Fire Behavior & Combustion	3
FIRE-106	Physical Fitness for Public Safety Personnel	1

SECOND SEMESTER:		UNITS
FIRE-120	Basic Fire Academy	17

TOTAL UNITS FOR THIS CERTIFICATE	24
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Program Student 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.

COLLEGE SKILLS CERTIFICATES**FIRE TECHNOLOGY**

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.

Basic Fire Academy

REQUIRED COURSES:		UNITS
FIRE-120	Basic Fire Academy	17
TOTAL UNITS REQUIRED FOR COLLEGE SKILLS CERTIFICATE		17

Program Student 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.

Fire Prevention Skills

REQUIRED COURSES:		UNITS
FIRE-103	Fire Protection Systems	3
FIRE-104	Building Construction for Fire Protection	3
FIRE-105	Fire Prevention	3

SELECT 6 UNITS FROM THE FOLLOWING:

FIRE-101	Fire Protection Organization	3
FIRE-102	Fire Behavior	3
FIRE-107	Principles of Fire and Emergency Services Safety and Survival	3

TOTAL UNITS REQUIRED FOR COLLEGE SKILLS CERTIFICATE	15
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Program Student 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.

Fire Protection

REQUIRED COURSES:		UNITS
FIRE-101	Fire Protection Organization	3
FIRE-102	Fire Behavior	3
FIRE-107	Principles of Fire and Emergency Services Safety and Survival	3

SELECT 6 UNITS FROM THE FOLLOWING:

FIRE-103	Fire Protection Systems	3
FIRE-104	Building Construction for Fire Protection	3
FIRE-105	Fire Prevention	3

TOTAL UNITS REQUIRED FOR COLLEGE SKILLS CERTIFICATE	15
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Program Student 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.

COURSE DESCRIPTIONS**FIRE-098 Independent Study in Fire Technology**

.5-3 Units

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. SC

LMC: Independent study courses may be DA or transferable depending on specific course. See your counselor.

TRANSFER: Independent study courses may be DA or transferable depending on specific course. See your counselor.

FIRE-101 Fire Protection Organization

54 total hours lecture

3 Units

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. May not be repeated. LR

LMC: DA**TRANSFER:** CSU; C-ID FIRE 100X**FIRE-102 Fire Behavior and Combustion**

54 total hours lecture

3 Units

ADVISORY: FIRE-101

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. May not be repeated. LR

LMC: DA**TRANSFER:** CSU; C-ID FIRE 140X**FIRE-103 Fire Protection Equipment and Systems**

54 total hours lecture

3 Units

ADVISORY: FIRE-101 and FIRE-102

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. May not be repeated. LR

LMC: DA**TRANSFER:** CSU; C-ID FIRE 100X**FIRE-104 Building Construction for Fire Protection**

54 total hours lecture

3 Units

ADVISORY: FIRE-101 and FIRE-103

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. May not be repeated. LR

LMC: DA**TRANSFER:** CSU; C-ID FIRE 130X**FIRE-105 Fundamentals of Fire Prevention**

54 total hours lecture

3 Units

ADVISORY: FIRE-101 and FIRE-102

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. May not be repeated. LR

LMC: DA**TRANSFER:** CSU**FIRE-106 Physical Fitness for Public Safety Personnel**

54 total hours of lab

1 Unit

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. May not be repeated. P/NP

LMC: DA**TRANSFER:** CSU**FIRE-107 Principles of Fire and Emergency Services Safety and Survival**

54 total hours lecture

3 Units

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. May not be repeated. LR

LMC: DA**TRANSFER:** CSU

FIRE-120 Firefighter 1 Academy

220 total hours lecture, 259 total hours lab
17 Units

PREREQUISITE: *Fire 101 and Fire 102 or equivalent. Satisfactory completion of an Emergency Medical Technician training program. Fire 106 or challenged with satisfactory completion of the Candidate Physical Ability Test (CPAT) or valid equivalents. 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..*

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 Marshal 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 Marshal 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. May not be repeated. P/NP

LMC: DA

TRANSFER: CSU

FIRE-121 Firefighter 1 Capstone Skills Certification Testing

5 total hours lecture, 45 total hours lab
1 Unit

PREREQUISITE: *FIRE-120 (Firefighter 1 Academy)/ Firefighter 1 Academy offered by an ALA (approved local Fire Academy) , ARTP (Approved Regional Training Program) 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*

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. *There are Mandatory Fees associated with this course that are required by the California State Fire Marshall for certification testing. May not be repeated. P/NP

LMC: NDA

TRANSFER: CSU

FIRE-123 Company Officer 2A: Human Resource Management

40 total hours lecture
2 Units

ADVISORY: *Meet the educational requirements for State Fire Marshall Firefighter II*

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. This course has mandatory material fees. Fees may range from \$10 - \$40. May not be repeated. P/NP

LMC: DA

TRANSFER: CSU

FIRE-124 Company Officer 2B: General Administration Functions

20 total hours lecture
1 Unit

ADVISORY: *Meet the educational requirements for State Fire Marshall Firefighter II*

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. This course has mandatory material fees that range from \$10-\$40 dollars. May not be repeated. P/NP

LMC: DA

TRANSFER: CSU

FIRE-125 Company Officer 2C: Fire Inspections and Investigations

40 total hours lecture
2 Units

ADVISORY: *Meet the educational requirements for State Fire Marshall Firefighter II*

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. This course has mandatory material fees that range from \$10-\$40 dollars. May not be repeated. P/NP

LMC: DA

TRANSFER: CSU

**FIRE-126 Company Officer 2D: All Risk
Command Operations**

40 total hours lecture

2 Units

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)

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. This course has mandatory material fees that range from \$10-\$40 dollars. May not be repeated. P/NP

LMC: DA**TRANSFER:** CSU**FIRE-127 Company Officer 2E: Wildland
Incident Operations**

40 total hours lecture

2 Units

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.

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. This course has mandatory material fees that range from \$10-\$40 dollars. May not be repeated. P/NP

LMC: DA**TRANSFER:** CSU**FIRE-130 Advanced Fire Academy**

198 total hours lecture, 442 total hours lab

19 Units

PREREQUISITE: Employment as a firefighter in a Contra Costa County Fire District or a total of 9 units from FIRE-101, 102, 103, 104, 105, or 106; satisfactory score on the Candidate Physical Agility Test (CPAT) or equivalent; meet National Fire Protection Association (NFPA) 1582 medical assessment; current Emergency Medical Technician (EMT) certification.

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. May not be repeated. P/NP

LMC: DA**TRANSFER:** CSU**FIRE-170 Work Experience Internship in
Fire Technology**

54-216 total hours

1-4 Units

PREREQUISITE: In order to enroll in a Work Experience Education course, students must be employed, register for the course, complete an online Work Experience Education Application, and participate in a Work Experience Education orientation. Students may earn one unit for 54 hours work per enrollment period. Does not meet requirements for veterans' benefits. Work Experience Education Application can be accessed at <https://www.losmedanos.edu/cwee/>. Students may earn up to 14 units of Work Experience Education per enrollment period.

The purpose of work experience education is to provide students with an integrated instructional program that provides opportunities to connect academic curricula to applied experiential learning in the workplace. Work experience education assists the student in developing career awareness, learning industry culture, competencies and norms, and developing professional networks in their desired field to support career mobility. To participate in work experience education, students must be employed and undertake new or expanded responsibilities. Students, with faculty and employer approval, will develop and successfully complete learning objective(s). Each learning objective must be substantive in nature and linked in a way relevant to a student's educational pathway. See Work Experience Education website and student handbook for more information regarding variable unit registration based on hours worked. Work Experience education courses may be repeated subject to Title 5 Section 55040. SC

LMC: DA**TRANSFER:** CSU

FIRE-180 Work Experience Internship in Fire Technology

54-216 total hours

1-4 Units

PREREQUISITE: *In order to enroll in a Work Experience Education course, students must be employed, register for the course, complete an online Work Experience Education Application, and participate in a Work Experience Education orientation. Students may earn one unit for 54 hours work per enrollment period. Does not meet requirements for veterans' benefits. Work Experience Education Application can be accessed at <https://www.losmedanos.edu/cwee/>. Students may earn up to 14 units of Work Experience Education per enrollment period.*

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. The purpose of work experience education is to provide students with an integrated instructional program that provides opportunities to connect academic curricula to applied experiential learning in the workplace. Work experience education assists the student in developing career awareness, learning industry culture, competencies and norms, and developing professional networks in their desired field to support career mobility. To participate in work experience education, students must be employed and undertake new or expanded responsibilities. Students, with faculty and employer approval, will develop and successfully complete learning objective(s). Each learning objective must be substantive in nature and linked in a way relevant to a student's educational pathway. See Work Experience Education website and student handbook for more information regarding variable unit registration based on hours worked. Work experience education courses may be repeated subject to Title 5 section 55040 SC

LMC: DA

TRANSFER: CSU

French

COURSE DESCRIPTIONS

FRNCH-060 Elementary French I

90 total hours lecture

5 Units

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. May not be repeated. SC

LMC: ADR: Arts and Humanities; DA

TRANSFER: UC; CSU

FRNCH-061 Elementary French II

90 total hours lecture

5 Units

PREREQUISITE: FRNCH-060 or 2 years of high school French

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. May not be repeated. SC

LMC: ADR: Arts and Humanities; DA

TRANSFER: UC; CSU; Cal-GETC Area 3B

History

DEGREE—Associate in Arts for Transfer Degree

History

ASSOCIATE IN ARTS

HISTORY FOR TRANSFER DEGREE

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:

- Completion of 60 semester units or 90 quarter units of degree-applicable courses,
- Minimum overall grade point average of 2.0,
- Minimum grade of “C” (or “P”) for each course in the major, and
- Completion of California General Education Transfer Curriculum (Cal-GETC)

COMPLETE ALL OF THE FOLLOWING: (6 UNITS)		UNITS
HIST-029	United States History Until 1865	3
HIST-030	United States History From 1865	3
TOTAL REQUIRED UNITS		6

LIST A - COMPLETE TWO COURSES (6 UNITS)		UNITS
HIST-034	History of Western Civilization to the Renaissance	3
HIST-035	World History Since 1500	3
HIST-039	World History to 1500	3
HIST-040	History of Western Civilization since the Renaissance	3
TOTAL REQUIRED UNITS		6

LIST B - AREA 1: CHOOSE ONE COURSE: (MINIMUM 3-5 UNITS)

HIST-039	World History to 1500	3
HIST-040	History of Western Civilization since the Renaissance	3
HIST-047	History of Native Americans since 1830	3
HIST-052	Mexican American History 1900 to Present	3
POLSC-043	International Relations	3
ETHN-045	Introduction to Black Studies	3
FRNCH-060	Elementary French I	5
FRNCH-061	Elementary French II	5
ITAL-060	Elementary Italian I	5
ITAL-061	Elementary Italian II	5
SPAN-050	Elementary Spanish I	5
SPAN-051	Elementary Spanish II	5
SPAN-052	Intermediate Spanish I	5
SPAN-053	Intermediate Spanish II	5
TOTAL REQUIRED UNITS		3-5

LIST B - AREA 2 - CHOOSE ONE COURSE: (MINIMUM 3-5 UNITS)

ANTHR-005	General Anthropology	3
ANTHR-006	Cultural Anthropology	3
ART-006	Art of the Ancient World (Prehistoric - 350 CE)	3
ART-007	Medieval and Renaissance Art History (350 - 1550 CE)	3
ART-008	Early Modern Art History (1550 - 1920)	3
ART-009	Late Modern and Contemporary Art History (1920 CE - present)	3
ECON-005	Economic History of the United States	3
HIST-031	California History	3
HIST-034	Western Inheritance in Global Perspective: Ancient World History	3
HIST-035	Western Inheritance in Global Perspective: Modern World History	3
HIST-047	History of Native Americans	3
HIST-052	Mexican American History	3
POLSC-043	International Relations	3
PSYCH-010	Individual and Social Processes	3
SOCIO-015	Introduction to Sociology	3
SOCIO-016	Introduction to Social Problems	3
POLS-C1000	American Government and Politics	3
PSYC-C1000	Introduction to Psychology	3

TOTAL UNITS FOR THE MAJOR	18-20
TOTAL UNITS FOR THE DEGREE	60

Program Student 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.

COURSE DESCRIPTIONS**HIST-029 United States History until 1865**

54 total hours lecture

3 Units

ADVISORY: ENGL-C1000

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. May not be repeated. SC

LMC: ADR: *Diverse Perspectives; Social and Behavioral Sciences; DA*

TRANSFER: UC; CSU; Cal-GETC Area 4

HIST-030 United States History from 1865

54 total hours lecture

3 Units

ADVISORY: ENGL-C1000

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. May not be repeated. SC

LMC: ADR: *Diverse Perspectives; Social and Behavioral Sciences; DA*

TRANSFER: UC; CSU; Cal-GETC Area 4; C-ID HIST 140

HIST-031 California History

54 total hours lecture

3 Units

ADVISORY: ENGL-C1000 or equivalent

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. May not be repeated. SC

LMC: ADR: *Social and Behavioral Sciences; DA*

TRANSFER: UC; CSU; Cal-GETC Area 3B, 4

HIST-034 History of Western Civilization to the Renaissance

54 total hours lecture

3 Units

ADVISORY: ENGL-C1000- *Students should be able to read and write at the college level.*

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. May not be repeated. SC

LMC: ADR: *Social and Behavioral Sciences; DA*

TRANSFER: UC; CSU; Cal-GETC Area 3B, 4; C-ID HIST 170

HIST-035 History of Western Civilization since the Renaissance

54 total hours lecture

3 Units

ADVISORY: ENGL-C1000 or equivalent

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. May not be repeated. SC

LMC: ADR: *Social and Behavioral Sciences; DA*

TRANSFER: UC; CSU; Cal-GETC Area 3B, 4; C-ID HIST 180

HIST-037 History of Race and Ethnicity in the United States

54 total hours lecture

3 Units

ADVISORY: ENGL-C1000 or equivalent

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. May not be repeated. SC

LMC: ADR: *Diverse Perspectives; Social and Behavioral Sciences; DA*

TRANSFER: UC; CSU; Cal-GETC Area 3B, 4; US-1

HIST-038 Contemporary U.S. History

54 total hours lecture
3 Units

ADVISORY: ENGL-C1000- Students should be able to read and write at the college level.

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. May not be repeated. SC
LMC: ADR: Social and Behavioral Sciences; DA
TRANSFER: UC; CSU; Cal-GETC Area 3B, 4; US-1

HIST-039 World History to 1500

54 total hours lecture
3 Units

ADVISORY: ENGL-C1000- Students should be able to read and write at the college level.

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. May not be repeated. SC
LMC: ADR: Social and Behavioral Sciences; DA
TRANSFER: UC; CSU; Cal-GETC Area 3B, 4; C-ID HIST 150

HIST-040 World History Since 1500

54 total hours lecture
3 Units

ADVISORY: ENGL-C1000- Students should be able to read and write at the college level.

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. May not be repeated. SC
LMC: ADR: Social and Behavioral Sciences; DA
TRANSFER: UC; CSU; Cal-GETC Area 3B, 4; C-ID HIST 160

HIST-047 History of Native Americans

54 total hours lecture
3 Units

ADVISORY: ENGL-C1000- Students should be able to read and write at the college level.

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. May not be repeated. SC
LMC: ADR: Diverse Perspectives; Social and Behavioral Sciences; DA
TRANSFER: UC; CSU; US-1; Cal-GETC Area 3B, 4

HIST-052 Mexican American History

54 total hours lecture
3 Units

ADVISORY: ENGL-C1000 or equivalent

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! May not be repeated. SC
LMC: ADR: Diverse Perspectives; Social and Behavioral Sciences; DA
TRANSFER: UC; CSU; US-1; Cal-GETC Area 3B, 4

HIST-054 LGBTQ American History

54 total hours lecture
3 Units

ADVISORY: ENGL-C1000 - Students should be able to read and write at the college level.

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. May not be repeated. SC
LMC: ADR: Diverse Perspectives; Social and Behavioral Sciences; DA
TRANSFER: UC; CSU; US-1; Cal-GETC Area 3B, 4

HIST-055 History of Sexuality in North America

54 total hours lecture
3 Units

ADVISORY: ENGL-C1000 -Students should be able to read and write at the college level.

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. May not be repeated. SC

LMC: ADR: *Diverse Perspectives; Social and Behavioral Sciences; DA*

TRANSFER: UC; CSU; Cal-GETC Area 4

HIST-056 History of American Women to 1877

54 total hours lecture
3 Units

ADVISORY: ENGL-C1000

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. May not be repeated. LR

LMC: ADR: *Diverse Perspectives; Social and Behavioral Sciences; Arts and Humanities; DA*

TRANSFER: CSU; US-1; Cal-GETC Area 3B, 4

HIST-057 History of American Women since 1877

54 total hours lecture
3 Units

ADVISORY: ENGL-C1000

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. May not be repeated. LR

LMC: ADR: *Diverse Perspectives; Social and Behavioral Sciences; Arts and Humanities; DA*

TRANSFER: UC; CSU Gen. Ed. Area C2, D, US-1; Cal-GETC Area B, 4

HIST-060 History of African-Americans to 1865

54 total hours lecture
3 Units

ADVISORY: ENGL-C1000

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. May not be repeated. LR

LMC: ADR: *Diverse Perspectives; Social and Behavioral Sciences; Arts and Humanities; DA*

TRANSFER: UC; CSU; US-1; Cal-GETC Area 3B, 4

HIST-061 History of African-Americans since 1865

54 total hours lecture

3 Units

ADVISORY: ENGL-C1000; Students should be able to read and write at the college level.

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. May not be repeated. SC

LMC: ADR: *Diverse Perspectives; Social and Behavioral Sciences; DA***TRANSFER:** UC; CSU; US-1; Cal-GETC Area 3B, 4**HIST-062 Global History of Slavery**

54 total hours lecture

3 Units

ADVISORY: ENGL-C1000; Students should be able to read and write at the college level.

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. May not be repeated. SC

LMC: ADR: *Diverse Perspectives; Social and Behavioral Sciences; DA***TRANSFER:** UC; CSU; Cal-GETC Area 3B, 4**HIST-065 History of African Civilizations to 1800**

54 total hours lecture

3 Units

ADVISORY: ENGL-C1000; Students should be able to read and write at the college level.

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. May not be repeated. SC

LMC: ADR: *Diverse Perspectives; Social and Behavioral Sciences; DA***TRANSFER:** UC; CSU; Cal-GETC Area 3B, 4**HIST-066 History of African Civilizations since 1800**

54 total hours lecture

3 Units

ADVISORY: ENGL-C1000; Students should be able to read and write at the college level.

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. May not be repeated. SC

LMC: ADR: *Diverse Perspectives; Social and Behavioral Sciences; DA***TRANSFER:** UC; CSU; Cal-GETC Area 3B, 4**HIST-098 Independent Study in History**

.5-3 Units

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. SC

LMC: *Independent study courses may be DA or transferable depending on specific course. See your counselor.***TRANSFER:** *Independent study courses may be DA or transferable depending on specific course. See your counselor.*

Humanities

DEGREE—Associate in Arts
Humanities

ASSOCIATE IN ARTS HUMANITIES

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.

REQUIRED COURSES (Select three courses from four courses listed below)

HUMAN-019	Ancient Humanities	3
HUMAN-020	Medieval and Renaissance Humanities	3
HUMAN-021	Early Modern Humanities	3
HUMAN-023	Late Modern and Contemporary Humanities	3
TOTAL UNITS		9

ELECTIVE COURSES (Select three courses from three subject areas listed below)

ANTHROPOLOGY

ANTHR-004	Introduction to Anthropology	3
ANTHR-005	General Anthropology	3
ANTHR-006	Cultural Anthropology	3
ANTHR-008	Introduction to Anthropological Linguistics	3

ART

ART-006	Art of the Ancient World	3
ART-007	Medieval and Renaissance Art History	3
ART-008	Early Modern Art History (Double counts)	3
ART-009	Late Modern and Contemporary Art History	3
ART-016	Asian Art History	3
ART-017	American Art History	3
ART-018	Art of the Ancient Americas	3

DRAMA

DRAMA-015	Multicultural Perspectives within Theater	3
DRAMA-016	Theater Appreciation	3
DRAMA-030	Chicano/a Mexican American Cinema: A Critical Analysis	3

ENGLISH

ENGL-127	The Mythology and Literature of Ethnic Americans	3
ENGL-128	Introduction to Asian American Literature	3
ENGL-129	Introduction to Contemporary African-American Literature	3
ENGL-133	Race, Ethnicity and Gender in Popular Fiction and Film	3
ENGL-135	Introduction to LGBTQ+ Studies	3
ENGL-150	Lesbian, Gay, Bisexual, Transgender and Queer Literature	3
ENGL-240	Survey of World Literature I: Antiquity to Mid-17th Century	3
ENGL-245	Survey of World Literature II: Mid-17th Century to Present	3

HISTORY

HIST-047	History of Native Americans	3
HIST-052	Mexican American History	3
HIST-056	History of American Women to 1877	3
HIST-057	History of American Women since 1877	3
HIST-060	History of African Americans to 1865	3
HIST-061	History of African Americans since 1865	3

HUMANITIES

HUMAN-022	American Humanities	3
HUMAN-024	Shakespeare's English Kings	3
HUMAN-030	Modernist Paris: Artists and Intellectuals	3
HUMAN-040	Opera: The Human Experience in Music, Voice and Drama	3
HUMAN 050	Hip Hop Culture: An American Phenomenon	3

MUSIC

MUSIC-010	Music Literature	3
MUSIC-012	Popular Music in American Culture	3
MUSIC-015	Basic Music	3

PHILOSOPHY

PHIL-130	History of Ancient Philosophy	3
PHIL-132	History of Modern Philosophy	3
PHIL-133	Philosophy of Political Theory and Thought	3
PHIL-140	Philosophy of Religion	3
PHIL-150	Philosophy though Film and Literature	3
PHIL-151	Philosophy of the Arts	3

POLITICAL SCIENCE

POLS-C1000	American Government and Politics	3
POLSC-033	Philosophy of Political Theory and Thought	3
POLSC-043	International Relations	3
POLSC-050	Introduction to Comparative Politics	3

SOCIAL JUSTICE STUDIES

ETHN-045	Introduction to Black Studies	3
SJS-110	Introduction to Social Justice Studies	3
SJS-135	Introduction to LGBTQ+ Studies	3
SJS-136	Introduction to Gender Studies	3
SJS-150	Introduction to Race and Ethnicity	3

TOTAL UNITS	9
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TOTAL UNITS FOR THIS DEGREE:	18
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Program Student Learning Outcomes:

1. Define and discuss the characteristics of human cultures and the rise and fall of civilizations 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.

COURSE DESCRIPTIONS**HUMAN-019 Ancient Humanities**

54 total hours lecture
3 Units

ADVISORY: ENGL-C1000

An integrated, interdisciplinary approach to history, religion, philosophy, literature, art and music as aspects of Western culture and civilization. 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. May not be repeated. LR

LMC: ADR: Arts and Humanities; Diverse Perspectives; Social and Behavioral Sciences; DA

TRANSFER: UC; CSU; Cal-GETC Area 3B

HUMAN-020 Medieval and Renaissance Humanities

54 total hours lecture
3 Units

ADVISORY: ENGL-C1000

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. May not be repeated. LR

LMC: ADR: Arts and Humanities; Diverse Perspectives; Social and Behavioral Sciences; DA

TRANSFER: UC; CSU; Cal-GETC Area 3B

HUMAN-021 Early Modern Humanities

54 total hours lecture
3 Units

ADVISORY: ENGL-C1000

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. May not be repeated. LR

LMC: ADR: Arts and Humanities; Diverse Perspectives; Social and Behavioral Sciences; DA

TRANSFER: UC; CSU; Cal-GETC Area 3B

HUMAN-022 American Humanities

54 total hours lecture
3 Units

ADVISORY: ENGL-C1000

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. May not be repeated. LR

LMC: ADR: Arts and Humanities; DA

TRANSFER: UC; CSU; Cal-GETC Area 3B

HUMAN-023 Late Modern and Contemporary Humanities

54 total hours lecture
3 Units

ADVISORY: ENGL-C1000

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.

May not be repeated. SC

LMC: ADR: Arts and Humanities; DA

TRANSFER: UC; CSU; Cal-GETC Area 3B

HUMAN-024 Shakespeare's English Kings

54 total hours lecture
3 Units

ADVISORY: ENGL-C1000

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. May not be repeated. LR

LMC: ADR: Arts and Humanities; DA

TRANSFER: UC; CSU; Cal-GETC Area 3B

HUMAN-030 Modernist Paris: Artists and Intellectuals

54 total hours lecture
3 Units

ADVISORY: ENGL-C1000

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.

May not be repeated. SC

LMC: ADR: Arts and Humanities; DA

TRANSFER: UC; CSU; Cal-GETC Area 3B

HUMAN-035 Themes in Mesoamerican Culture through Ceramics

45 total hours lecture, 36 total hours lab
3 Units

ADVISORY: ENGL-C1000

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. May not be repeated. LR

LMC: ADR: Arts and Humanities; DA

TRANSFER: UC; CSU; Cal-GETC Area 3B

HUMAN-040 Opera: The Human Experience in Music, Voice and Drama

54 total hours lecture
3 Units

ADVISORY: ENGL-C1000

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 Humanities requirements for LMC general education and Cal-GETC. May not be repeated. LR

LMC: ADR: Arts and Humanities; DA

TRANSFER: UC; CSU; Cal-GETC Area 3A

HUMAN-050 Hip Hop Culture: An American Phenomenon

54 total hours lecture
3 Units

ADVISORY: ENGL-C1000

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.

May not be repeated. SC

LMC: ADR: Arts and Humanities; DA

TRANSFER: UC; CSU; Cal-GETC Area 3B

**HUMAN-060 The Great American Musical:
Broadway and American Culture**

54 total hours lecture

3 Units

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. May not be repeated. SC

LMC: ADR: Arts and Humanities; DA

TRANSFER: UC, CSU; Cal-GETC Area 3A

Italian

COURSE DESCRIPTIONS

ITAL-060 Elementary Italian I

90 total hours lecture

5 Units

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. May not be repeated. SC

LMC: ADR: Arts and Humanities; DA

TRANSFER: UC; CSU

ITAL-061 Elementary Italian II

90 total hours lecture

5 Units

PREREQUISITE: ITAL-060 or 2 years of high school Italian

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. May not be repeated. SC

LMC: ADR: Arts and Humanities; DA

TRANSFER: UC; CSU; Cal-GETC Area 3B

Journalism

DEGREE--Associate of Arts

Journalism

DEGREE--Associate in Arts for Transfer Degree

Journalism

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.

ASSOCIATE OF ARTS

JOURNALISM

COMPLETE ALL OF THE FOLLOWING: (15 UNITS)		UNITS
JOURN-100	Mass Communication	3
JOURN-110	Writing for the Media	3
JOURN-115A	Media Writing Practicum I	1
JOURN-115B	Media Writing Practicum II	1
JOURN-115C	Media Writing Practicum	1
JOURN-130	Media Production: Practicum I	3
JOURN-131	Media Production: Practicum II	3
TOTAL UNITS		15

ELECTIVE COURSES IN MAJOR (6 UNITS)		UNITS
ART-015	Graphic Design	3
ART-020	Introduction to Drawing	3
ART-025	Advertising, Marketing and Publication Design	3
ART-050	Designing with Adobe InDesign	3
ART-054	Adobe Photoshop	3
ART-057	Designing with Adobe Illustrator	3
ART-058	Designing for the Web	3
ART-072	Introduction to Digital Photography	3
ART-075	Documentary Photography	3
ENGL-111	Creative Writing	3
JOURN-160	Photojournalism	3
CNT-030	Web Site Development - Part I	1.5
CNT-031	Web Site Development - Part II	1.5
CNT-032	Web Site Development - Dreamweaver/Animate	3
COMM-120	Argumentation and Debate	3
TOTAL UNITS		6

TOTAL UNITS FOR THIS DEGREE: 21

Program Student 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.

ASSOCIATE IN ARTS**JOURNALISM FOR TRANSFER DEGREE**

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 General Education Transfer Curriculum (Cal-GETC). 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.

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.

To earn the Associate Degree for Transfer:

- Completion of 60 semester units or 90 quarter units of degree-applicable courses,
- Minimum overall grade point average of 2.0,
- Minimum grade of "C" (or "P") for each course in the major, and
- Completion of California General Education Transfer Curriculum (Cal-GETC)

REQUIRED CORE COURSES: 9 UNITS

JOURN-100	Mass Communication	3
JOURN-110	Writing for the Media	3
JOURN-130	Media Production: Practicum I	3

LIST A (COURSES SUPPORTING THE CORE): 3 UNITS

JOURN-131	Media Production: Practicum II	3
JOURN-160	Photojournalism	3

LIST B (ELECTIVES): 6-7 UNITS FROM THE FOLLOWING:

ECON-010	Principles of Microeconomics	3
ECON-011	Principles of Macroeconomics	3
ENGL-C1001	Critical Thinking and Writing	3
STAT-C1000	Introduction to Statistics	4
POLS-C1000	American Government and Politics	3
POLSC-050	Introduction to Comparative Politics	3
SOCIO-016	Introduction to Social Problems	3
COMM-120	Argumentation and Debate	3

TOTAL UNITS FOR MAJOR **18**

TOTAL UNITS FOR THE DEGREE **60**

Program-Level Student 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.

COURSE DESCRIPTIONS**JOURN-098 Independent Study in Journalism**

.5-3 Units

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. SC

LMC: *Independent study courses may be DA or transferable depending on specific course. See your counselor.*

TRANSFER: *Independent study courses may be DA or transferable depending on specific course. See your counselor.*

JOURN-100 Mass Communication

54 total hours lecture

3 Units

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. May not be repeated. SC

LMC: ADR: Arts and Humanities; DA

TRANSFER: UC; CSU; Cal-GETC Area 4; C-ID JOUR 100

JOURN-110 Writing for the Media

36 total hours lecture, 54 total hours lab

3 Units

ADVISORY: ENGL-C1000

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. May not be repeated. SC

LMC: ADR: Arts and Humanities; DA

TRANSFER: CSU; C-ID JOUR 110

JOURN-115A Media Writing Practicum I

18 total hours lecture

1 Unit

ADVISORY: JOURN-110

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. May not be repeated. SC

LMC: DA

TRANSFER: CSU

JOURN-115B Media Writing Practicum II

18 total hours lecture

1 Unit

PREREQUISITE: JOURN-115A

ADVISORY: JOURN-110

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. May not be repeated. SC

LMC: DA

TRANSFER: CSU

JOURN-115C Media Writing Practicum III

18 total hours lecture

1 Unit

PREREQUISITE: JOURN-115B

ADVISORY: JOURN-110

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. May not be repeated. SC

LMC: DA

TRANSFER: CSU

JOURN-129 Media Production: Overview of Newsroom Skills and Practices

18 total hours lecture, 36 total hours lab, 72 total lab hours by arrangement

3 Units

ADVISORY: ENGL-C1000

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. May not be repeated. SC

LMC: DA

TRANSFER: CSU

JOURN-130 Media Production: Practicum I

18 total hours lecture, 36 total hours lab, 72 total lab hours by arrangement

3 Units

PREREQUISITE: JOURN-110 or JOURN-129

ADVISORY: ENGL-C1000

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. May not be repeated. SC

LMC: DA

TRANSFER: CSU; C-ID JOURN 130

JOURN-131 Media Production: Practicum II

18 total hours lecture, 36 total hours lab, 72 total lab hours by arrangement

3 Units

PREREQUISITE: JOURN-130

ADVISORY: ENGL-C1000

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. May not be repeated. SC

LMC: DA

TRANSFER: CSU; C-ID JOUR 131

JOURN-132 Media Production: Practicum III

18 total hours lecture, 36 total hours lab, 72 total lab hours by arrangement

3 Units

PREREQUISITE: JOURN-131

ADVISORY: ENGL-C1000

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. May not be repeated. SC

LMC: DA

TRANSFER: CSU

JOURN-160 Photojournalism

36 total hours lecture, 54 total hours lab

3 Units

ADVISORY: ART-072 or ART-074 or concurrent enrollment or completion of any other journalism class

Cross-listed 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. May not be repeated. SC

LMC: DA

TRANSFER: UC; CSU; C-ID JOUR 160

JOURN-170 Work Experience Education in Journalism

54-216 total hours

1-4 Units

PREREQUISITE: *In order to enroll in a Work Experience Education course, students must be employed, register for the course, complete an online Work Experience Education Application, and participate in a Work Experience Education orientation. Students may earn one unit for 54 hours worked per enrollment period. Does not meet requirements for veterans' benefits. Work Experience Education Application can be accessed at <https://www.losmedanos.edu/cwee/>. Students may earn up to 14 units of Work Experience*

The purpose of work experience education is to provide students with an integrated instructional program that provides opportunities to connect academic curricula to applied experiential learning in the workplace. Work experience education assists the student in developing career awareness, learning industry culture, competencies and norms, and developing professional networks in their desired field to support career mobility. To participate in work experience education, students must be employed and undertake new or expanded responsibilities. Students, with faculty and employer approval, will develop and successfully complete learning objective(s). Each learning objective must be substantive in nature and linked in a way relevant to a student's educational pathway. See Work Experience Education website and student handbook for more information regarding variable unit registration based on hours worked. Work Experience education courses may be repeated subject to Title 5 Section 55040. SC

LMC: DA

TRANSFER: CSU

JOURN-180 Work Experience Internship in Journalism

54-216 total hours

1-4 Units

PREREQUISITE: *In order to enroll in a Work Experience Education course, students must be employed, register for the course, complete an online Work Experience Education Application, and participate in a Work Experience Education orientation. Students may earn one unit for 54 hours worked per enrollment period. Does not meet requirements for veterans' benefits. Work Experience Education Application can be accessed at <https://www.losmedanos.edu/cwee/>. Students may earn up to 14 units of Work Experience*

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. The purpose of work experience education is to provide students with an integrated instructional program that provides opportunities to connect academic curricula to applied experiential learning in the workplace. Work experience education assists the student in developing career awareness, learning industry culture, competencies and norms, and developing professional networks in their desired field to support career mobility. To participate in work experience education, students must be employed and undertake new or expanded responsibilities. Students, with faculty and employer approval, will develop and successfully complete learning objective(s). Each learning objective must be substantive in nature and linked in a way relevant to a student's educational pathway. See Work Experience Education website and student handbook for more information regarding variable unit registration based on hours worked. Work experience education courses may be repeated subject to Title 5 section 55040 SC

LMC: DA

TRANSFER: CSU

Kinesiology

DEGREE—Associate in Arts Degree for Transfer
Kinesiology

ASSOCIATE IN ARTS KINESIOLOGY FOR TRANSFER DEGREE

The Associate in Arts in Kinesiology for Transfer at Los Medanos College prepares students to transfer into a curriculum at a four-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:

- Completion of 60 semester units or 90 quarter units of degree-applicable courses,
- Minimum overall grade point average of 2.0,
- Minimum grade of "C" (or "P") for each course in the major, and
- Completion of California General Education Transfer Curriculum (Cal-GETC)

REQUIRED CORE COURSES:		UNITS
KINES-100	Introduction to Kinesiology	3
BIOSC-040	Human Anatomy	5
BIOSC-045	Human Physiology	5

MOVEMENT BASED COURSES – (3 UNITS):

SELECT A MAXIMUM OF ONE(1) COURSE FROM ANY THREE (3) OF THE FOLLOWING AREAS FOR A MINIMUM OF THREE (3) UNITS.

Combative

KNACT-033	Cardio Kickboxing	1
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Dance

KNACT-053	Beginning Jazz Dance	1
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Fitness

KNACT-004A	Beginning Pilates	1
KNACT-008A	Weight Training to Strength and Conditioning I	1
KNACT-010A	Beginning Circuit Training	1
KNACT-057A	Beginning Yoga for Health and Fitness	1

Individual Sports

KNACT-030	Tennis	1
KNACT-042	Golf	1

Team Sports

KNACT-014A	Beginning Volleyball	1
KNACT-026A	Beginning Soccer	1
KNACT-046A	Beginning Basketball	1

LIST A: SELECT TWO (2) OF THE FOLLOWING: (6-10 UNITS)

STAT-C1000	Introduction to Statistics	4
BIOSC-010	General Biology	4
CHEM-007	Intro to General, Organic and Biochemistry	4
or		
CHEM-025	General College Chemistry	5
PHYS-015	Introduction to Physics	4
or		
PHYS-035	College Physics I	4
TOTAL UNITS FOR THE MAJOR		22
TOTAL UNITS FOR THE DEGREE		60

Program Student 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.

COURSE DESCRIPTIONS

KINES-098 Independent Study in Physical Education

.5-3 Units

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. SC

LMC: Independent study courses may be DA or transferable depending on specific course. See your counselor.

TRANSFER: Independent study courses may be DA or transferable depending on specific course. See your counselor.

KINES-100 Introduction to Kinesiology

54 total hours lecture
3 Units

ADVISORY: ENGL-C1000

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. May not be repeated. SC

LMC: DA

TRANSFER: UC; CSU; C-ID KIN 100

KINES-105 Introduction to Standard First Aid/CPR

54 total hours lecture
3 Units

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. May not be repeated. LR

LMC: DA

TRANSFER: UC; CSU; C-ID KIN 101

KINES-200 Personal Health and Wellness

54 total hours lecture
3 Units

ADVISORY: ENGL-C1000 or equivalent

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. May not be repeated. SC

LMC: DA

TRANSFER: CSU; C-ID PHS 100

KINES-203 Drugs, Health and Society

54 total hours lecture
3 Units

ADVISORY: ENGL-C1000

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. May not be repeated. SC

LMC: DA

TRANSFER: UC, CSU

KINES-210 Introduction to Public Health

54 total hours lecture
3 Units

ADVISORY: ENGL-C1000 or equivalent

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. May not be repeated. SC

LMC: DA

TRANSFER: UC; CSU; C-ID PHS 101, Cal-GETC Area 4

KNACT-004A Beginning Body and Barre

54 total hours lab
1 Unit

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. May not be repeated. SC

LMC: DA

TRANSFER: UC; CSU

KNACT-004B Intermediate Body and Barre

54 total hours lab
1 Unit

ADVISORY: KNACT-004A

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. May not be repeated. SC

LMC: DA

TRANSFER: UC; CSU

KNACT-004C Advanced Body and Barre

54 total hours lab
1 Unit

ADVISORY: KNACT-004A and KNACT-004B

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. May not be repeated. SC

LMC: DA

TRANSFER: UC; CSU

KNACT-006 Cardio and Strength Training

54 total hours lab
1 Unit

ADVISORY: Doctor's clearance for vigorous cardio, strength and endurance activity

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. May not be repeated. SC

LMC: DA

TRANSFER: UC; CSU

KNACT-008A Strength and Conditioning I

54 total hours lab
1 Unit

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 Pneumatic Training through Keiser strength racks and cable machines. May not be repeated. SC

LMC: DA

TRANSFER: UC; CSU

KNACT-008B Strength and Conditioning II

54 total hours lab
1 Unit

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. May not be repeated. SC

LMC: DA

TRANSFER: UC; CSU

KNACT-010A Beginning Circuit Training

54 total hours lab
1 Unit

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. May not be repeated. SC

LMC: DA

TRANSFER: UC; CSU

KNACT-010B Intermediate Circuit Training

54 total hours lab
1 Unit

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. May not be repeated. SC

LMC: DA

TRANSFER: UC; CSU

KNACT-012 Fitness Walking

54 total hours lab
1 Unit

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. May not be repeated. SC

LMC: DA

TRANSFER: UC; CSU

KNACT-014A Beginning Volleyball

54 total hours lab
1 Unit

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. May not be repeated. SC

LMC: DA

TRANSFER: UC; CSU

KNACT-014B Intermediate Volleyball

54 total hours lab
1 Unit

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. May not be repeated. SC

LMC: DA

TRANSFER: UC; CSU

KNACT-020 Zumba

54 total hours lab
1 Unit

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. May not be repeated. SC

LMC: DA

TRANSFER: UC; CSU

KNACT-025 Spin

54 total hours lab
1 Unit

ADVISORY: Doctor's clearance for ability to perform moderate to high level cardio exercise

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. May not be repeated. SC

LMC: DA

TRANSFER: UC; CSU

KNACT-026A Beginning Soccer

54 total hours lab
1 Unit

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. May not be repeated. SC

LMC: DA

TRANSFER: UC; CSU

KNACT-026B Intermediate Soccer

54 total hours lab
1 Unit

ADVISORY: KNACT-026A

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. May not be repeated. SC

LMC: DA

TRANSFER: UC; CSU

KNACT-028A Beginning Pickleball

54 total hours lab
1 Unit

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. May not be repeated. SC

LMC: DA

TRANSFER: UC; CSU

KNACT-030 Tennis

54 total hours lab
1 Unit

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. May not be repeated. SC

LMC: DA

TRANSFER: UC; CSU

KNACT-033 Cardio Kickboxing

54 total hours lab
1 Unit

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. May not be repeated. SC

LMC: DA

TRANSFER: UC; CSU

KNACT-042 Golf

54 total hours lab
1 Unit

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. May not be repeated. SC

LMC: DA

TRANSFER: UC; CSU

KNACT-046A Beginning Basketball

54 total hours lab
1 Unit

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. May not be repeated. SC

LMC: DA

TRANSFER: UC; CSU

KNACT-046B Intermediate Basketball

54 total hours lab
1 Unit

ADVISORY: KNACT-046A

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. May not be repeated. SC

LMC: DA

TRANSFER: UC; CSU

KNACT-057A Beginning Yoga for Health and Fitness

54 total hours lab
1 Unit

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. May not be repeated. SC

LMC: DA

TRANSFER: UC; CSU

KNACT-057B Intermediate Yoga for Health and Fitness

54 total hours lab
1 Unit

ADVISORY: KNACT-057A or Instructor approval

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. May not be repeated. SC

LMC: DA

TRANSFER: UC; CSU

KNACT-057C Advanced Yoga for Health and Fitness

54 total hours lab
1 Unit

ADVISORY: KNACT-057A, KNACT-057B or instructor's approval

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. May not be repeated. SC

LMC: DA

TRANSFER: UC; CSU

KNACT-110 Fitness Center — Training

27-54 total hours lab
.5-1 Units

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. May not be repeated. P/NP

LMC: DA

TRANSFER: UC; CSU

KNACT-120 Fitness Center — Strength Training

27-54 total hours lab
.5-1 Units

PREREQUISITE: KNACT-110;

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. May not be repeated. P/NP

LMC: DA

TRANSFER: UC; CSU

KNACT-130 Fitness Center — Functional Fitness Training

27-54 total hours lab
.5-1 Units

PREREQUISITE: KNACT-110

ADVISORY: KNACT-120

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. May not be repeated. P/NP

LMC: DA

TRANSFER: UC; CSU

KNACT-140 Fitness Center — Cross Training

27-54 total hours lab
.5-1 Units

PREREQUISITE: KNACT-110

ADVISORY: KNACT-120; KNACT-130

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. May not be repeated. P/NP

LMC: DA

TRANSFER: UC; CSU

KNDAN-053 Introduction to Dance

54 total hours lab
1 Unit

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. May not be repeated. SC

LMC: DA

TRANSFER: UC; CSU

KNDAN-054 Intermediate Jazz Dance

54 total hours lab
1 Unit

ADVISORY: KNDAN-053 or Instructor Approval

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. May not be repeated. SC

LMC: DA

TRANSFER: UC; CSU

KNDAN-055 Advanced Jazz Dance

54 total hours lab
1 Unit

ADVISORY: *KNDAN-053 , KNDAN-054, or instructor approval.*

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. May not be repeated. SC

LMC: DA

TRANSFER: UC; CSU

KNDAN-056 Dance Performance

54 total hours lab
1 Unit

ADVISORY: *Students should have prior experience taking jazz, modern, contemporary, hip-hop and ballet dance styles classes.*

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. May not be repeated. SC

LMC: DA

TRANSFER: UC; CSU

Kinesiology- Intercollegiate Athletics

COURSE DESCRIPTIONS

KNICA-006 Fitness for Athletic Competition

54-108 total hours lab
1-2 Units

ADVISORY: *High school athletic experience*

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. May be repeated three times. SC

LMC: DA

TRANSFER: UC; CSU

KNICA-014 Advanced Volleyball Skills for Athletes

108 total hours lab
2 Units

ADVISORY: *High school volleyball or club experience recommended*

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 four-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. May be repeated three times. SC

LMC: DA

TRANSFER: UC; CSU

KNICA-026 Advanced Soccer Skills for Athletes

108 total hours lab
2 Units

ADVISORY: *High school soccer or club experience recommended*

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 four-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. May be repeated three times. SC

LMC: DA

TRANSFER: UC; CSU

KNICA-027 Offensive Football Skills and Conditioning

54-108 total hours lab

1-2 Units

ADVISORY: *Designed for intercollegiate football participants*

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. May be repeated three times. SC

LMC: DA**TRANSFER:** UC; CSU**KNICA-028 Defensive Football Skills and Conditioning**

54-108 total hours lab

1-2 Units

ADVISORY: *Designed for intercollegiate football participants*

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. May be repeated three times. SC

LMC: DA**TRANSFER:** UC; CSU**KNICA-046 Advanced Basketball Skills for Athletes**

108 total hours lab

2 Units

ADVISORY: *High school basketball or club experience recommended*

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 four-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. May be repeated three times. SC

LMC: DA**TRANSFER:** UC; CSU**KNICA-062 Advanced Baseball Skills for Athletes**

108 total hours lab

2 Units

ADVISORY: *High school baseball or club experience recommended*

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 four-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. May be repeated three times. SC

LMC: DA**TRANSFER:** UC; CSU**KNICA-066 Advanced Softball Skills for Athletes**

108 total hours lab

2 Units

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. May be repeated three times. SC

LMC: DA**TRANSFER:** UC; CSU**KNICA-076 Intercollegiate Volleyball**

175 total hours lab

3 Units

ADVISORY: *High school volleyball or club experience recommended*

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. May be repeated three times. SC

LMC: DA**TRANSFER:** UC; CSU**KNICA-077 Intercollegiate Football**

175 total hours lab

3 Units

ADVISORY: *KNICA-006; High school football experience*

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. May be repeated three times. SC

LMC: DA**TRANSFER:** UC; CSU**KNICA-079 Intercollegiate Basketball for Men**

175 total hours lab

3 Units

ADVISORY: *High school basketball or club experience recommended*

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. May be repeated three times. SC

LMC: DA**TRANSFER:** UC; CSU

KNICA-081 Intercollegiate Baseball

175 total hours lab
3 Units

ADVISORY: *High school baseball or club experience recommended*

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. May be repeated three times. SC

LMC: DA

TRANSFER: UC; CSU

KNICA-089 Intercollegiate Soccer

175 total hours lab
3 Units

ADVISORY: *High school soccer or club experience recommended*

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. May be repeated three times. SC

LMC: DA

TRANSFER: UC; CSU

KNICA-090 Intercollegiate Basketball for Women

175 total hours lab
3 Units

ADVISORY: *High school basketball or club experience recommended*

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. May be repeated three times. SC

LMC: DA

TRANSFER: UC; CSU

KNICA-092 Intercollegiate Softball

175 total hours lab
3 Units

ADVISORY: *High school softball experience recommended*

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. May be repeated three times. SC

LMC: DA

TRANSFER: UC; CSU

KNICA-098 Independent Study in Athletics

.5-3 Units

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. SC

LMC: *Independent study courses may be DA or transferable depending on specific course. See your counselor.*

TRANSFER: *Independent study courses may be DA or transferable depending on specific course. See your counselor.*

KNICA-100 Athletic Educational Services and Strategies

18 total hours lecture, 36 total hours lab
1.5 Units

(Formerly ACS-100) 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. May not be repeated. SC

LMC: DA

TRANSFER: CSU

KNICA-170 Work Experience Education in Athletics

54-216 total hours
1-4 Units

PREREQUISITE: *In order to enroll in a Work Experience Education course, students must be employed, register for the course, complete an online Work Experience Education Application, and participate in a Work Experience Education orientation. Students may earn one unit for 54 hours worked per enrollment period. Does not meet requirements for veterans' benefits. Work Experience Education Application can be accessed at <https://www.losmedanos.edu/cwee/>. Students may earn up to 14 units of Work Experience*

The purpose of work experience education is to provide students with an integrated instructional program that provides opportunities to connect academic curricula to applied experiential learning in the workplace. Work experience education assists the student in developing career awareness, learning industry culture, competencies and norms, and developing professional networks in their desired field to support career mobility. To participate in work experience education, students must be employed and undertake new or expanded responsibilities. Students, with faculty and employer approval, will develop and successfully complete learning objective(s). Each learning objective must be substantive in nature and linked in a way relevant to a student's educational pathway. See Work Experience Education website and student handbook for more information regarding variable unit registration based on hours worked. Work Experience education courses may be repeated subject to Title 5 Section 55040. SC

LMC: DA

TRANSFER: CSU

Liberal Arts

DEGREES—Associate of Arts

Liberal Arts: Arts and Humanities

Liberal Arts: Behavioral Science and Social Sciences

Liberal Arts: Math and Science

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 world view 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.

ASSOCIATE OF ARTS

LIBERAL ARTS: ARTS AND HUMANITIES

SELECT 18-20 UNITS FROM:

ACADEMIC AND CAREER SUCCESS

ACS-010 Becoming a College Scholar-A First-Year Seminar 3

ART

ART-005 The Visual Arts 3

ART-006 Ancient Art History (to 350 CE) 3

ART-008 Early Modern Art History (1550 to 1920 CE) 3

ART-009 Late Modern and Contemporary Art History (1920 CE-Present) 3

ART-016 Asian Art History 3

ART-017 American Art History 3

ART-018 Pre-Colonial Americas Art History 3

ART-019 History of Photography 3

ART-032 Architectural History I: The World Before 1500 3

ART-33 Architectural History II: The World After 1500 3

ART-34 Islamic Art History 3

ART-035 Themes in Mesoamerican Culture through Ceramics 3

DRAMA

DRAMA-015 Multicultural Perspectives Within Theatre 3

DRAMA-016 Theatre Appreciation 3

DRAMA-030 Chicano/a Mexican American Cinema: A Critical Analysis 3

DRAMA-070 Film As an International Art 3

EDUCATION

EDUC-100 Introduction to Classroom Teaching 3

ENGLISH

ENGL-C1000 Academic Reading and Writing 3

ENGL-C1000E Academic Reading and Writing 4

ENGL-111 Creative Writing 3

ENGL-113 Creative Writing: Poetry 3

ENGL-114 Creative Writing: Introduction to Story 3

ENGL-115 Creative Writing: Playwriting 3

ENGL-120 Introduction to Latino Literature and Its Latin American Roots 3

ENGL-121 Introduction to Chicano Literature 3

ENGL-C1001 Critical Thinking and Writing 3

ENGL-122 California Literature 3

ENGL-124 Children's Literature 3

ENGL-127 The Mythology and Literature of Ethnic Americans 3

ENGL-128 Introduction to Asian American Literature 3

ENGL-129 Introduction to Contemporary African- American Literature 3

ENGL-130 Mystery and Detective Literature 3

ENGL-132 Myth, Fantasy, and Science Fiction 3

ENGL-133 Race, Ethnicity, and Gender in Popular Fiction and Film 3

ENGL-135 Introduction to LGBTQ+ Studies 3

ENGL-136 Introduction to Gender Studies 3

ENGL-144 Hip Hop as Lit 3

ENGL-150 Lesbian, Gay, Bisexual, Transgender, and Queer Literature 3

ENGL-230 Thinking and Writing Critically about Literature 3

ENGL-240 Survey of World Literature I: Antiquity To Mid-17th Century 3

ENGL-245 Survey of World Literature II: Mid-17th Century to Present 3

continued on next page ►

FRENCH		
FRNCH-060	Elementary French I	5
FRNCH-061	Elementary French II	5
HUMANITIES		
HUMAN-019	Ancient Humanities	3
HUMAN-020	Medieval and Renaissance Humanities	3
HUMAN-021	Early Modern Humanities	3
HUMAN-022	American Humanities	3
HUMAN-023	Late Modern and Contemporary Humanities	3
HUMAN-024	Shakespeare's English Kings	3
HUMAN-030	Modernist Paris: Artists and Intellectuals	3
HUMAN-035	Themes in Mesoamerican Culture Through Ceramics	3
HUMAN-040	Opera: The Human Experience in Music, Voice and Drama	3
HUMAN-050	Hip Hop Culture: An American Phenomenon	3
HUMAN-060	The Great American Musical: Broadway and American Culture	3
ITALIAN		
ITAL-060	Elementary Italian I	5
ITAL-061	Elementary Italian II	5
JOURNALISM		
JOURN-100	Mass Communication	3
JOURN-110	Writing for the Media	3
MUSIC		
MUSIC-010	Music Literature	3
MUSIC-012	Popular Music in American Culture	3
MUSIC-015	Basic Music	3
PHILOSOPHY		
PHIL-100	Introduction to Philosophy	3
PHIL-110	Critical Thinking and Comp	3
PHIL-120	Introduction to Ethics	3
PHIL-122	Contemporary Moral Issues	3
PHIL-130	History of Ancient Philosophy	3
PHIL-132	History of Modern Philosophy	3
PHIL-133	Philo of Political Theory/Thgt	3
PHIL-140	Philosophy of Religion	3
PHIL-150	Philosophy Through Film and Literature	3
PHIL-210	Symbolic Logic	3
RECORDING ARTS		
RA-010	Introduction to Recording Arts	3
RA-015	Music Fundamentals for Audio Professionals	3
SIGN LANGUAGE		
SIGN-050	Elementary American Sign Language I	5
SIGN-051	Elementary American Sign Language II	5
SIGN-052	American Sign Language III	5
SIGN-053	American Sign Language IV	5
SIGN-072	Deaf Culture	3
SPANISH		
SPAN-050	Elementary Spanish I	5
SPAN-051	Elementary Spanish II	5
SPAN-052	Intermediate Spanish I	5
SPAN-053	Intermediate Spanish II	5
SPAN-057	Spanish for Spanish Speakers I	4
TOTAL UNITS FOR THE MAJOR		18-20
TOTAL UNITS FOR THE DEGREE		60

Program Student Learning Outcomes

1. Read critically and communicate effectively as a writer and speaker.
2. Understand connections among disciplines and apply interdisciplinary approaches to problem solving.
3. Think critically and creatively
4. Consider the ethical implications inherent in knowledge, decision-making and action.
5. Possess a world view informed by diverse social, multicultural and global perspectives.

ASSOCIATE OF ARTS**LIBERAL ARTS: BEHAVIORAL SCIENCE AND SOCIAL SCIENCES**

SELECT 18-20 UNITS FROM:

ACADEMIC & CAREER SUCCESS

ACS-010	Becoming a College Scholar-A First-Year Seminar	3
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ADMINISTRATION OF JUSTICE

ADJUS-110	Introduction to the Criminal Justice System	3
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ANTHROPOLOGY

ANTHR-004	Introduction to Archaeology	3
ANTHR-005	General Anthropology	3
ANTHR-006	Cultural Anthropology	3
ANTHR-008	Introduction to Anthropological Linguistics	3

BUSINESS

BUS-109	Introduction to Business	3
BUS-294	Business Law	3

EARLY CHILDHOOD EDUCATION/CHILD DEVELOPMENT

ECE/CHDEV-010	Child Growth and Development	3
ECE/CHDEV-020	Child, Family and Community	3
ECE/CHDEV-050	Teaching in a Diverse Society	3

COUNSELING

COUNS-035	Theories & Application of Learning in College	3
COUNS-036	Career & Life Planning	3
COUNS-038	Managing Anxiety & Stress for College Success	3

ECONOMICS

ECON-005	Economic History of the United States	3
ECON-010	Principles of Microeconomics	3
ECON-011	Principles of Macroeconomics	3

EDUCATION

EDUC-100	Introduction to Classroom Teaching	3
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ETHICS

ETHN-045	Introduction to Black Studies	3
ETHN-101	Introduction to Ethnic Studies	3
ETHN-102	Critical Thinking in Ethnic Studies	3
ETHN-103	Racial and Ethnic Justice Movements	3
ETHN-110	Introduction to Native American/Indigenous Studies	3
ETHN-120	Sin Fronteras: Experiences on the Borderlands	3

HISTORY

HIST-029	United States History Until 1865	3
HIST-030	United States History From 1865	3
HIST-031	California History	3
HIST-034	History of Western Civilization to the Renaissance	3

HIST-035	History of Western Civilization since the Renaissance	3
HIST-038	Contemporary U.S. History	3
HIST-039	World History to 1500	3
HIST-040	World History Since 1500	3
HIST-047	History of Native Americans	3
HIST-052	Mexican American History	3
HIST-061	History of African-Americans Since 1865	3
HIST-062	Global History of Slavery	3
HIST-065	History of African Civilizations to 1800	3
HIST-066	History of African Civilizations since 1800	3
KINESIOLOGY		
KINES-100	Introduction to Kinesiology	3
KINES-200	Personal Health and Wellness	3
KINES-203	Drugs, Health and Society	3
KINES-210	Introduction to Public Health	3
PHILOSOPHY		
PHIL-133	Philosophy of Political Theory and Thought	3
POLITICAL SCIENCE		
POLS-C1000	American Government and Politics	3
POLSC-033	Philosophy of Political Theory and Thought	3
POLSC-043	International Relations	3
POLSC-050	Introduction to Comparative Politics	3
PSYCHOLOGY		
PSYCH-010	Individual and Social Processes	3
PSYC-C1000	Introduction to Psychology	3
PSYCH-014	The Psychology of Human Sexuality	3
PSYCH-017	Introduction to Research Methods in Psychology	3
SOCIAL JUSTICE		
SJS-110	Introduction to Social Justice Studies	3
SJS-135	Introduction to LGBTQ+ Studies	3
SJS-136	Introduction to Gender Studies	3
SJS-150	Introduction to Race & Ethnicity	3
SOCIO-012	Introduction to Marriage and Family	3
SOCIO-015	Introduction to Sociology	3
SOCIO-016	Introduction to Social Problems	3
SOCIO-017	Introduction to Research Methods	3
TOTAL UNITS FOR THE MAJOR		18-20
TOTAL UNITS FOR THE DEGREE		60

Program Student Learning Outcomes

1. Read critically and communicate effectively as a writer and speaker.
2. Understand connections among disciplines and apply interdisciplinary approaches to problem solving.
3. Think critically and creatively
4. Consider the ethical implications inherent in knowledge, decision-making and action.
5. Possess a world view informed by diverse social, multicultural and global perspectives.

ASSOCIATE OF ARTS**LIBERAL ARTS: MATH AND SCIENCE**

SELECT 18-20 UNITS SELECT FROM:

ANTHROPOLOGY

ANTHR-001 Biological Anthropology 3

ASTRONOMY

ASTRO-010 Introduction to Astronomy 3

ASTRO-011 Astronomy Laboratory 1

BIOLOGICAL SCIENCE

BIOSC-005 Biology of Health 3

BIOSC-007 Ecology and the Environment 4

BIOSC-008 Human Biology 4

BIOSC-010 General Biology 4

BIOSC-020 Principles of Biology: Cell and Molecular 5

BIOSC-021 Principles of Biology: Organismal 5

BIOSC-030 Introduction to Anatomy & Physiology 4

BIOSC-040 Human Anatomy 5

BIOSC-045 Human Physiology 5

BIOSC-050 Microbiology 4

CHEMISTRY

CHEM-006 Introduction to Inorganic & Physical Chemistry 4

CHEM-007 Introduction to General, Organic & Biochemistry 4

CHEM-025 General College Chemistry I 5

CHEM-026 General College Chemistry II 5

CHEM-028 Organic Chemistry I 5

CHEM-029 Organic Chemistry II 5

COMPUTER SCIENCE

COMSC-040 Introduction to Computer & Information Systems 4

ENGINEERING

ENGIN-010 Introduction to Engineering 3

MATHEMATICS

STAT-C1000 Introduction to Statistics 4

MATH-155 Precalculus 4

MATH-210 Calculus and Analytic Geometry I 4

MATH-220 Calculus and Analytic Geometry II 4

MATH-230 Calculus and Analytic Geometry III 4

MATH-240 Differential Equations 3

MATH-250 Linear Algebra 3

NUTRITION

NUTRI-055 Introduction to Nutrition 3

PHYSICAL SCIENCE

PHYSC-005 General Physical Science 3

PHYSICS

PHYS-015 Introduction to Physics 4

PHYS-035 College Physics I 4

PHYS-036 College Physics II 4

PHYS-040 Physics for Scientists and Engineers I 4

PHYS-041 Physics for Scientists and Engineers II 4

PHYS-042 Physics for Scientists and Engineers III 4

TOTAL UNITS FOR THE MAJOR 18-20

TOTAL UNITS FOR THE DEGREE 60

Program Student Learning Outcomes

1. Read critically and communicate effectively as a writer and speaker.
2. Understand connections among disciplines and apply interdisciplinary approaches to problem solving.
3. Think critically and creatively
4. Consider the ethical implications inherent in knowledge, decision-making and action.
5. Possess a world view informed by diverse social, multicultural and global perspectives.

contin

Management and Supervision

DEGREES—Associate of Science

Management and Supervision

CERTIFICATE OF ACHIEVEMENT

Management and Supervision

ASSOCIATE OF SCIENCE AND CERTIFICATE OF ACHIEVEMENT MANAGEMENT AND SUPERVISION

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.

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.

REQUIRED COURSES:		UNITS
MANGT-050	Introduction to Supervision	3
BUS-059	Business Communications	3
MANGT-060	Making Effective Decisions	3
MANGT-065	Mastering Management's Essential Tools	3
MANGT-070	Conflict Management, Team Development, Leadership	3
MANGT-075	Managing Human Resources	3
TOTAL UNITS		18

AND SELECT A MINIMUM OF 6 UNITS FROM:

BUS-018	Microsoft Excel for Windows	3
BUS-027	Small Business Management	3
BUS-035	Microsoft Office	3
BUS-035 A/B/C	MS Word/Excel/PowerPoint (each)	1.5
BUS-058	Business English	3
BUS-109	Introduction to Business	3
BUS-294	Business Law	3
COMSC-040	Introduction to Computer and Information Systems	4
MANGT-170	Work Experience Education in Management and Supervision	1-4
TOTAL UNITS FOR THE MAJOR		24
TOTAL UNITS FOR THE DEGREE		60
TOTAL UNITS FOR THIS CERTIFICATE		24

Program Student Learning Outcomes

Associate of Science

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.

Certificate of Achievement

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.

COURSE DESCRIPTIONS

MANGT-050 Introduction to Management

54 total hours lecture

3 Units

ADVISORY: ENGL-C1000 or a higher level English

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. May not be repeated. SC

LMC: DA

TRANSFER: CSU

MANGT-060 Making Effective Decisions

54 total hours lecture

3 Units

ADVISORY: MANGT-050; ENGL-C1000

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. May not be repeated. SC

LMC: DA

TRANSFER: CSU

MANGT-065 Mastering Management's Essential Tools

54 total hours lecture

3 Units

ADVISORY: MANGT-050; ENGL-C1000

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. May not be repeated. SC

LMC: DA**TRANSFER:** CSU**MANGT-070 Conflict Management, Team Development, Leadership**

54 total hours lecture

3 Units

ADVISORY: MANGT-050; ENGL-C1000

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. May not be repeated. SC

LMC: DA**TRANSFER:** CSU**MANGT-075 Managing Human Resources**

54 total hours lecture

3 Units

ADVISORY: MANGT-050; ENGL-C1000

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. May not be repeated. SC

LMC: DA**TRANSFER:** CSU**MANGT-098 Independent Study in Management and Supervision**

.5-3 Units

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. SC

LMC: Independent study courses may be DA or transferable depending on specific course. See your counselor.**TRANSFER:** Independent study courses may be DA or transferable depending on specific course. See your counselor.**MANGT-170 Work Experience Education in Management and Supervision**

54-216 total hours

1-4 Units

PREREQUISITE: In order to enroll in a Work Experience Education course, students must be employed, register for the course, complete an online Work Experience Education Application, and participate in a Work Experience Education orientation. Students may earn one unit for 54 hours worked per enrollment period. Does not meet requirements for veterans' benefits. Work Experience Education Application can be accessed at <https://www.losmedanos.edu/cwee/>. Students may earn up to 14 units of Work Experience

The purpose of work experience education is to provide students with an integrated instructional program that provides opportunities to connect academic curricula to applied experiential learning in the workplace. Work experience education assists the student in developing career awareness, learning industry culture, competencies and norms, and developing professional networks in their desired field to support career mobility. To participate in work experience education, students must be employed and undertake new or expanded responsibilities. Students, with faculty and employer approval, will develop and successfully complete learning objective(s). Each learning objective must be substantive in nature and linked in a way relevant to a student's educational pathway. See Work Experience Education website and student handbook for more information regarding variable unit registration based on hours worked. Work Experience education courses may be repeated subject to Title 5 Section 55040. SC

LMC: DA**TRANSFER:** CSU

MANGT-180 Work Experience Internship in Management and Supervision

54-216 total hours
1-4 Units

PREREQUISITE: *In order to enroll in a Work Experience Education course, students must be employed, register for the course, complete an online Work Experience Education Application, and participate in a Work Experience Education orientation. Students may earn one unit for 54 hours worked per enrollment period. Does not meet requirements for veterans' benefits. Work Experience Education Application can be accessed at <https://www.losmedanos.edu/cwee/>. Students may earn up to 14 units of Work Experience*

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. The purpose of work experience education is to provide students with an integrated instructional program that provides opportunities to connect academic curricula to applied experiential learning in the workplace. Work experience education assists the student in developing career awareness, learning industry culture, competencies and norms, and developing professional networks in their desired field to support career mobility. To participate in work experience education, students must be employed and undertake new or expanded responsibilities. Students, with faculty and employer approval, will develop and successfully complete learning objective(s). Each learning objective must be substantive in nature and linked in a way relevant to a student's educational pathway. See Work Experience Education website and student handbook for more information regarding variable unit registration based on hours worked. Work experience education courses may be repeated subject to Title 5 section 55040 SC

LMC: DA

TRANSFER: CSU

Mathematics

DEGREE—Associate in Science for Transfer Degree
Mathematics

ASSOCIATE IN SCIENCE MATHEMATICS FOR TRANSFER DEGREE

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:

- Completion of 60 semester units or 90 quarter units of degree-applicable courses,
- Minimum overall grade point average of 2.0,
- Minimum grade of "C" (or "P") for each course in the major, and
- Completion of California General Education Transfer Curriculum (Cal-GETC)

REQUIRED COURSES:	UNITS
MATH-210	Calculus with Analytic Geometry I 4
MATH-220	Calculus with Analytic Geometry II 4
MATH-230	Calculus with Analytic Geometry III 4
TOTAL UNITS	12

CHOOSE A MINIMUM OF 6 UNITS FROM THE LISTS BELOW,
WITH AT LEAST 3 UNITS FROM LIST A

LIST A: (SELECT 1-2 COURSES)		
MATH-240	Differential Equations	3
MATH-250	Linear Algebra	3
TOTAL UNITS		3-6

LIST B: SELECT ONE COURSE (3-4 UNITS)		
MATH-160	Discrete Math	4
PHYS-040	Physics for Scientists & Engineers	4
STAT-C1000	Introduction to Statistics	4
COMSC-044	Intro to C++ Programming Part I	3
or		
ENGIN-020	Programming with C++ for Engineers and Scientists	4
or		
COMSC-132	Programming and Methodologies II	3
TOTAL UNITS		3-4

TOTAL UNITS FOR THE MAJOR 18-19

TOTAL UNITS FOR THE DEGREE 60

Program Student 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 corroboratively with others.

COURSE DESCRIPTIONS**MATH-030 Intermediate Algebra**

64 total hours lecture, 44 total hours lab
4 Units

ADVISORY: *Recommended completion of Elementary Algebra (C or better) or LMC MATH-020N within the last 5 years.*

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. May not be repeated. SC

LMC: ADR: DA

MATH-098 Independent Study in Mathematics

.5-3 Units

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. SC

LMC: *Independent study courses may be DA or transferable depending on specific course. See your counselor.*

TRANSFER: *Independent study courses may be DA or transferable depending on specific course. See your counselor.*

MATH-110S Math Skills for Success in Statistics

32 total hours lecture, 32 total hours lab
2 Units

CO-REQUISITE: STAT-C1000

Math Support for Statistics is for students concurrently enrolled in STAT-C1000. 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 STAT-C1000. May not be repeated. SC

LMC: DA

MATH-120 Number Systems

64 total hours lecture, 44 total hours lab
4 Units

ADVISORY: *MATH-029; Students should have a background in algebra for content in this course and for The California Basic Educational Skills Test (CBEST) requires for teaching credentials in California*

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. May not be repeated. SC

LMC: ADR: *Mathematical Concepts and Quantitative Reasoning*; DA

TRANSFER: UC; CSU; C-ID MATH 120

MATH-125 Quantitative Reasoning

64 total hours lecture, 44 total hours lab
4 Units

PREREQUISITE: *Intermediate algebra or higher; or placement process.*

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. May not be repeated. SC

LMC: ADR: *Mathematical Concepts and Quantitative Reasoning*; DA

TRANSFER: CSU

MATH-125S Algebra Support for Quantitative Reasoning

32 total hours lecture, 32 total hours lab
2 Units

CO-REQUISITE: MATH-125

Algebra Support for Quantitative Reasoning is designed for students concurrently enrolled in Math 125 (Quantitative Reasoning). In Algebra Support for Quantitative Reasoning students will review arithmetic and algebraic concepts and strategies that underlie concepts and problems in Math 125. Students will also practice reading and interpreting mathematical texts; engage in problem solving; and work with technology tools for problem solving. May not be repeated. SCSC

LMC: DA

MATH-140 Applied Calculus

64 total hours lecture, 44 total hours lab 4 Units

PREREQUISITE: *Intermediate Algebra or higher; or Placement Process*

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; and an introduction to the concepts of integration. Use of a mathematical software package or graphing calculator required. May not be repeated. SC

LMC: ADR: *Mathematical Concepts and Quantitative Reasoning*; DA

TRANSFER: UC; CSU; Cal-GETC Area 2

MATH-140S Intermediate Algebra for Applied Calculus

32 total hours lecture; 32 total hours lab 2 Units

CO-REQUISITE: MATH-140

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, expo-

nent 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). May not be repeated. SC

LMC: DA

MATH-140X Intermediate Algebra and Trigonometry skills for STEM Majors

32 total hours lecture; 32 total hours lab
2 Units

CO-REQUISITE: MATH-140

MATH-140S Intermediate Algebra for Applied Calculus 32 total hours lecture; 32 total hours lab 2 Units **CO-REQUISITE:** MATH-140 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). May not be repeated. SC **LMC:** DA

LMC: DA

TRANSFER: CSU

MATH-155 Precalculus

64 total hours lecture, 44 total hours lab
4 Units

PREREQUISITE: *Intermediate Algebra and Geometry, or higher; or placement process*

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. May not be repeated. SC

LMC: ADR: *Mathematical Concepts and Quantitative Reasoning*; DA

TRANSFER: UC; CSU; Cal-GETC Area 2

MATH-155S Intermediate Algebra for Precalculus

32 total hours lecture; 32 total hours lab
2 Units

CO-REQUISITE: MATH-155

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). 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). May not be repeated. SC

LMC: DA

MATH-160 Discrete Math

64 total hours lecture, 44 total hours lab
4 Units

PREREQUISITE: MATH-210 or equivalent

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. May not be repeated. SC

LMC: ADR: Mathematical Concepts and Quantitative Reasoning; DA

TRANSFER: UC; CSU; Cal-GETC Area 2; C-ID COMP 152, MATH 160

MATH-210 Calculus and Analytic Geometry I

64 total hours lecture, 44 total hours lab
4 Units

PREREQUISITE: MATH 155 - Precalculus or college algebra and trigonometry, or equivalent, or placement process.

ADVISORY: MATH-140 and MATH-140X

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. May not be repeated. SC

LMC: ADR: Mathematical Concepts and Quantitative Reasoning; DA

TRANSFER: UC; CSU; Cal-GETC Area 2; C-ID MATH 210

MATH-210S Intermediate Algebra and Trigonometry Skills for Calculus and Analytic Geometry 1

32 total hours lecture, 32 total hours lab
3 Units

CO-REQUISITE: MATH-210

Intermediate Algebra and Trigonometry Support for Calculus covers the Algebra and Trigonometry skills and concepts needed for success in Calculus I computations and applications. This course is for students who are concurrently enrolled in Calculus I (Math 210) 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, basic and advanced right triangle geometry, and basic and advanced trigonometric functions and identities and applications. Students will use graphing technology to verify solutions. Students will develop mathematical problem-solving processes and study skills that promote success in Calculus I (Math 210). May not be repeated. SC

LMC: DA

MATH-220 Calculus and Analytic Geometry II

64 total hours lecture, 44 total hours lab
4 Units

PREREQUISITE: MATH-210 or equivalent

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. May not be repeated. SC

LMC: ADR: Mathematical Concepts and Quantitative Reasoning; DA

TRANSFER: UC; CSU; Cal-GETC Area 2; C-ID MATH 220

	MATHEMATICS	
Program Requirements, Courses and Learning Outcomes	MATH-230 Calculus and Analytic Geometry III 64 total hours lecture, 44 total hours lab 4 Units PREREQUISITE: <i>MATH-220 or equivalent</i> 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. May not be repeated. SC LMC: <i>ADR: Mathematical Concepts and Quantitative Reasoning; DA</i> TRANSFER: <i>UC; CSU; Cal-GETC Area 2; C-ID MATH 230</i> MATH-240 Differential Equations 48 total hours lecture, 42 total hours lab 3 Units PREREQUISITE: <i>MATH-220 or equivalent</i> 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. May not be repeated. SC LMC: <i>ADR: Mathematical Concepts and Quantitative Reasoning; DA</i> TRANSFER: <i>UC; CSU; Cal-GETC Area 2; C-ID MATH 240</i> MATH-250 Linear Algebra 48 total hours lecture, 42 total hours lab 3 Units PREREQUISITE: <i>MATH-220 or equivalent</i> 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. May not be repeated. SC LMC: <i>ADR: Mathematical Concepts and Quantitative Reasoning;; DA</i> TRANSFER: <i>UC; CSU; Cal-GETC Area 2; C-ID MATH 250</i>	STAT-C1000 Introduction to Statistics 64 total hours lecture, 44 total hours lab 4 Units PREREQUISITE: <i>Placement as determined by the college's multiple measures assessment process or completion of a course taught at or above the level of intermediate algebra.</i> This course is an introduction to statistical thinking and processes, including methods and concepts for discovery and decision-making using data. Topics include descriptive statistics; probability and sampling distributions; statistical inference; correlation and linear regression; analysis of variance, chi-squared, and t-tests; and application of technology for statistical analysis including the interpretation of the relevance of the statistical findings. Students apply methods and processes to applications using data from a broad range of disciplines. Part 2: (Formerly MATH-110) . May not be repeated. SC LMC: <i>ADR: Mathematical Concepts and Quantitative Reasoning; DA</i> TRANSFER: <i>UC; CSU; Cal-GETC Area 2</i> Mathematics Non-Credit MATH-009N Math for Construction 80 total hours 0 Units 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, percents, and fractions; problem solving applications of decimals, percents, and fractions; perimeter, area, and volume; circles; geometry applications; and right triangle trigonometry. P/NP/SP LMC: <i>NC</i> MATH-090N Problem Solving and Skills for Calculus Workshop 64 total hours lab 0 Units 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. P/NP/SP
	208	2025-2026 Los Medanos College

Music

DEGREE—Associate in Arts for Transfer Degree

Music

DEGREE—Associate of Arts

Music

ASSOCIATE IN ARTS

MUSIC FOR TRANSFER DEGREE

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 four-year institution to pursue a baccalaureate degree in Music.

To earn the Associate Degree for Transfer:

- Completion of 60 semester units or 90 quarter units of degree-applicable courses,
- Minimum overall grade point average of 2.0,
- Minimum grade of "C" (or "P") for each course in the major, and
- Completion of California General Education Transfer Curriculum (Cal-GETC)

REQUIRED COURSES:		UNITS
MUSIC-016	Music Theory I	3
MUSIC-017	Music Theory II: Tonal Harmony	3
MUSIC-018	Music Theory III: Chromatic Harmony	3
MUSIC-019	Music Theory IV: Advanced Harmony and Later Styles	3
MUSIC-013A	Musicianship I	1
MUSIC-013B	Musicianship II	1
MUSIC-014A	Musicianship III	1
MUSIC-014B	Musicianship IV	1
MUSIC- 008	Applied Music (0.5)	2

LIST A PLUS 4 UNITS FROM:

MUSIC-020	Baroque Ensemble	1
MUSIC-040	Concert Band	2
MUSIC-074	Jazz Studio – from Basie through Coltrane	2
MUSIC-082	Intermediate Improvisation Jazz Workshop	2

TOTAL UNITS FOR THE MAJOR 22

TOTAL UNITS FOR THE DEGREE 60

Program Student 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.)

ASSOCIATE OF ARTS

MUSIC

For the Associate of Arts Degree in Music, complete the coursework listed below as well as the General Education requirements. Consult a Los Medanos College counselor to develop your education plan.

REQUIRED COURSES:		UNITS
MUSIC-013A	Musicianship I	1
MUSIC-013B	Musicianship II	1
MUSIC-014A	Musicianship III	1
MUSIC-014B	Musicianship IV	1
MUSIC-016	Music Theory I	3
MUSIC-017	Music Theory II: Tonal Harmony	3
MUSIC-018	Music Theory III: Chromatic Harmony	3
MUSIC-019	Music Theory IV: Advance Harmony and Later Styles	3
MUSIC-031	Piano I	1.5
MUSIC-033A	Intermediate Piano	1.5
MUSIC-033B	Advanced Piano	1.5
MUSIC-081	Introduction to Improvisation	1.5
MUSIC-005	Recital Class	2
	or	
MUSIC-006	Sophomore Recital Preparation	2

ENSEMBLE REQUIREMENTS: COMPLETE 12 CREDITS

MUSIC-020	Baroque Ensemble	1
MUSIC-040	Concert Band	2
MUSIC-052	Chamber Ensemble: Strings	1
MUSIC-060	College Chorus	2
MUSIC-066	Gospel Choir	1.5
MUSIC-074	Jazz Studio	2
MUSIC-077	Chamber Chorale	1
MUSIC-082	Intermediate Improvisation Jazz Workshop	2

TOTAL UNITS FOR THE MAJOR 36

TOTAL UNITS FOR THE DEGREE 60

STUDENTS WITH AN ADVANCED GUITAR OR ADVANCED PIANO EMPHASIS MAY CHOOSE TO FULFILL 6 UNITS (OF THE 12 UNIT ENSEMBLE REQUIREMENT) BY COMPLETING FOUR SEMESTERS OF THE FOLLOWING:

MUSIC-033A	Intermediate Piano	1.5
or		
MUSIC-033B	Advanced Piano	1.5
or		
MUSIC-037	Advanced Guitar	1.5

Program Student 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.).

COURSE DESCRIPTIONS

MUSIC-001 Music Studio 1 (Pitch / Rhythm)

27 total hours lab
.5 Unit

ADVISORY: Concurrent enrollment in any music performance course

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. May not be repeated. SC

LMC: DA

TRANSFER: CSU

MUSIC-002 Music Studio 2 (Tone / Technique)

27 total hours lab
.5 Unit

ADVISORY: MUSIC-001; Concurrent enrollment in any music performance course.

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. May not be repeated. SC

LMC: DA

TRANSFER: CSU

MUSIC-003 Music Studio 3 (Dynamics / Balance)

27 total hours lab
.5 Unit

ADVISORY: MUSIC-002; Concurrent enrollment in any music performance course..

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. May not be repeated. SC

LMC: DA

TRANSFER: CSU

MUSIC-005 Recital Class

54 total hours lab
1 Unit

ADVISORY: MUSIC-008; or arrangement with a private music instructor

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. May not be repeated. LR

LMC: DA

TRANSFER: UC; CSU

MUSIC-006 Sophomore Recital Preparation

54 total hours lab
1 Unit

PREREQUISITE: MUSIC-005 and placement audition

ADVISORY: MUSIC-008; or arrangement for lessons with a private music instructor

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. May not be repeated. LR

LMC: DA

TRANSFER: UC; CSU

MUSIC-008 Applied Music

27 total hours lab
.5 Unit

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.

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. May be repeated three times. LR

LMC: DA

TRANSFER: CSU; C-ID MUS 160

MUSIC-010 Music Literature

54 total hours lecture
3 Units

ADVISORY: ENGL-095

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. May not be repeated. SC

LMC: ADR: Arts and Humanities; Diverse Perspectives; DA

TRANSFER: UC; CSU Cal-GETC Area 3A

MUSIC-012 Popular Music in American Culture

54 total hours lecture
3 Units

ADVISORY: ENGL-C1000

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. May not be repeated. LR

LMC: ADR: Arts and Humanities; DA

TRANSFER: UC; CSU; Cal-GETC Area 3A; 3B. Also satisfies American Cultures Requirement at UCB

MUSIC-013A Musicianship I

54 total hours lab
1 Unit

ADVISORY: MUSIC-015, MUSIC-030; concurrent enrollment in MUSIC-016; previous or concurrent enrollment in MUSIC-031

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. May not be repeated. LR

LMC: DA

TRANSFER: UC; CSU; C-ID MUS 125

MUSIC-013B Musicianship II

54 total hours lab
1 Unit

ADVISORY: MUSIC-015, MUSIC-030; concurrent enrollment in MUSIC-016 and/or MUSIC-017, previous or concurrent enrollment in MUSIC-031 and MUSIC-013A

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. May not be repeated. LR

LMC: DA

TRANSFER: UC; CSU; C-ID MUS 135

MUSIC-014A Musicianship III

54 total hours lab
1 Unit

ADVISORY: MUSIC-015, MUSIC-016, MUSIC-017, MUSIC-018, MUSIC-013A, MUSIC-013B, MUSIC-030

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. May not be repeated. LR

LMC: DA

TRANSFER: UC; CSU; C-ID MUS 145

MUSIC-014B Musicianship IV

54 total hours lab
1 Unit

ADVISORY: MUSIC-030, MUSIC-015, MUSIC-016, MUSIC-017, MUSIC-018, MUSIC-019, MUSIC-013A, MUSIC-013B, MUSIC-014A

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. May not be repeated. LR

LMC: DA

TRANSFER: UC; CSU; C-ID MUS 155

MUSIC-015 Basic Music

54 total hours lecture

3 Units

ADVISORY: ENGL-C1000; prior or concurrent enrollment in MUSIC-030

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. May not be repeated. SC

LMC: ADR: Arts and Humanities; DA**TRANSFER:** UC (UC transferable, but may not be combined with MUSIC-013); CSU; Cal-GETC Area 3A**MUSIC-016 Music Theory I**

54 total hours lecture

3 Units

ADVISORY: MUSIC-015, 030, 013A, 013B, 031 and 032

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. May not be repeated. LR

LMC: DA**TRANSFER:** UC; CSU; C-ID MUS 120**MUSIC-017 Music Theory II: Tonal Harmony**

36 total hours lecture, 54 total hours lab

3 Units

ADVISORY: MUSIC-016, 031, 013A and 013B; prior or concurrent enrollment in MUSIC-014A, 014B, 032 or 033A

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. May not be repeated. LR

LMC: DA: Arts and Humanities**TRANSFER:** UC; CSU; Cal-GETC Area 3A; C-ID MUS 130**MUSIC-018 Music Theory III: Chromatic Harmony**

36 total hours lecture, 54 total hours lab

3 Units

ADVISORY: MUSIC-017, 032; prior or concurrent enrollment in MUSIC-033A or 033B

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. May not be repeated. LR

LMC: DA**TRANSFER:** UC; CSU; C-ID MUS 140**MUSIC-019 Music Theory IV: Advanced Harmony and Later Styles**

36 total hours lecture, 54 total hours lab

3 Units

ADVISORY: MUSIC-018, MUSIC-032, MUSIC-014; prior or concurrent enrollment in MUSIC-033A or 033B

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, pandiatonism and polytonalism, meter and rhythm. May not be repeated. LR

LMC: DA**TRANSFER:** UC; CSU; C-ID MUS 150**MUSIC-020 Baroque Ensemble**

54 total hours lab

1 Unit

ADVISORY: Fundamental skill on a string instrument or wind instrument is recommended

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, Händel, Telemann and Vivaldi. There will be several public performance. May be repeated three times. LR

LMC: DA**TRANSFER:** UC; CSU; C-ID MUS 180

MUSIC-030 Basic Keyboard Skills

18 total hours lecture, 36 total hours lab
1.5 Units

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. May not be repeated. LR

LMC: DA

TRANSFER: UC; CSU

MUSIC-031 Piano I

18 total hours lecture, 36 total hours lab
1.5 Units

ADVISORY: *Ability to read music at elementary level*

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. May not be repeated. LR

LMC: DA

TRANSFER: UC; CSU

MUSIC-032 Piano II

18 total hours lecture, 36 total hours lab
1.5 Units

ADVISORY: *MUSIC-031 or equivalent*

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. May not be repeated. LR

LMC: DA

TRANSFER: UC; CSU

MUSIC-033A Intermediate Piano

18 total hours lecture, 36 total hours lab
1.5 Units

ADVISORY: *MUSIC-032 or placement audition*

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. May not be repeated. LR

LMC: DA

TRANSFER: UC; CSU

MUSIC-033B Advanced Piano

18 total hours lecture, 36 total hours lab
1.5 Units

ADVISORY: *MUSIC-033A or placement audition*

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. May not be repeated. LR

LMC: DA

TRANSFER: UC; CSU

MUSIC-034 Jazz/Rock Keyboard

18 total hours lecture, 36 total hours lab
1.5 Units

ADVISORY: *Some basic piano experience*

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. May not be repeated. LR

LMC: DA

TRANSFER: UC; CSU

MUSIC-035 Introduction to the Guitar

18 total hours lecture, 36 total hours lab
1.5 Units

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. May not be repeated. LR

LMC: DA

TRANSFER: UC; CSU

MUSIC-036 Intermediate Guitar

18 total hours lecture, 36 total hours lab
1.5 Units

ADVISORY: *MUSIC-035*

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. May not be repeated. LR

LMC: DA

TRANSFER: UC; CSU

	MUSIC	
Program Requirements, Courses and Learning Outcomes	MUSIC-037 Advanced Guitar 18 total hours lecture, 36 total hours lab 1.5 Units ADVISORY: <i>MUSIC-036</i> 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. May not be repeated. LR LMC: DA TRANSFER: UC; CSU	MUSIC-058 Musical Theater: Orchestra I 54 total hours lab 1 Unit PREREQUISITE: <i>Fundamental skill on a musical instrument; assessed by audition</i> 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. May not be repeated. LR LMC: DA TRANSFER: UC; CSU
	MUSIC-040 Concert Band 108 total hours lab by arrangement 2 Units PREREQUISITE: <i>Fundamental skill on a band instrument; assessed by audition</i> 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. May be repeated three times. LR LMC: DA TRANSFER: UC; CSU; C-ID MUS 180	MUSIC-060 College Chorus I 108 total hours lab 2 Units This class investigates basic choral group fundamentals. Development of basic vocal techniques through large group activities; extensive practice and frequent public performances. May be repeated three times. LR LMC: DA TRANSFER: UC; CSU
	MUSIC-041 Concert Band II 108 total hours lab by arrangement 2 Units PREREQUISITE: <i>MUSIC-040 or Intermediate skill on a band instrument; assessed by audition</i> 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. May be repeated three times. LR LMC: DA TRANSFER: UC; CSU	MUSIC-065 Class Voice 54 total hours lab 1 Unit ADVISORY: <i>Eligibility for ENGL-095</i> 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. May not be repeated. LR LMC: DA TRANSFER: UC; CSU
	MUSIC-052 Chamber Ensembles: Emphasis Strings 54 total hours lab 1 Unit 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. May not be repeated. LR LMC: DA TRANSFER: UC; CSU	MUSIC-066 Gospel Choir 90 total hours lab 1.5 Units 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. May be repeated three times. LR LMC: DA TRANSFER: UC; CSU
	214 2025-2026 Los Medanos College	

MUSIC-067 Jazz and Vocal Popular Techniques

54 total hours lab
1 Unit

ADVISORY: *Eligibility for ENGL-095*

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. May not be repeated. LR

LMC: DA

TRANSFER: UC; CSU

MUSIC-068 Musical Theatre: Vocal I

54 total hours lab
1 Unit

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. May not be repeated. LR

LMC: DA

TRANSFER: UC; CSU

MUSIC-074 Jazz Studio - from Basie through Coltrane

108 total hours lab
2 Units

ADVISORY: *Fundamental skill on a jazz band instrument and placement audition by professor*

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. May be repeated three times. LR

LMC: DA

TRANSFER: UC; CSU; C-ID MUS 180

MUSIC-077 Chamber Chorale

108 total hours lab
2 Units

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. May be repeated three times. LR

LMC: DA

TRANSFER: UC; CSU

MUSIC-081 Introduction to Improvisation

54 total hours lab, 36 total lab hours by arrangement
1.5 Units

ADVISORY: *MUSIC-015, MUSIC-016 or consult instructor*

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. May not be repeated. LR

LMC: DA

TRANSFER: UC; CSU

MUSIC-082 Intermediate Improvisation Jazz Workshop

108 total hours lab
2 Units

ADVISORY: *3 or more years on a jazz band instrument*

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. May be repeated three times. LR

LMC: DA

TRANSFER: UC; CSU; C-ID MUS 180

MUSIC-089 Music and Recording Industry Business

36 total hours lecture
2 Units

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 song writing & 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. May not be repeated. LR

LMC: DA

TRANSFER: CSU

MUSIC-093 Studio Music Production I

18 total hours lecture, 72 total hours lab
2 Units

ADVISORY: *Prior or concurrent enrollment in MUSIC-015*

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. May not be repeated. SC

LMC: DA

TRANSFER: CSU

MUSIC-094 Studio Music Production II

18 total hours lecture, 72 total hours lab
2 Units

ADVISORY: *MUSIC-015; concurrent enrollment in MUSIC-016*

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. May not be repeated. SC

LMC: DA

TRANSFER: CSU

MUSIC-098 Independent Study in Music

.5-3 Units

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. SC

LMC: *Independent study courses may be DA or transferable depending on specific course. See your counselor.*

TRANSFER: *Independent study courses may be DA or transferable depending on specific course. See your counselor.*

Nursing

DEGREES—Associate of Science
Registered Nursing

CERTIFICATE OF ACHIEVEMENT
Vocational Nursing

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.

ASSOCIATE OF SCIENCE
REGISTERED NURSING

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).

REQUIRED COURSES: (TOTAL 47 UNITS)		UNITS
RNURS-022	Fundamentals of Nursing Practice	9.5
RNURS-023	Nursing Skills Simulation I	1
RNURS-024	Pharmacology for the RN Program I	1
RNURS-026	Nursing in Health & Illness I	9.5
RNURS-027	Nursing Skills Simulation II	1
RNURS-028	Pharmacology for RN Program II	1
RNURS-030	Leadership/Management and Professionalism in Nursing	1
RNURS-031	Nursing in Health and Illness II	9.5
RNURS-033	Nursing Skills Simulation III	1
RNURS-034	Pharmacology for RN Program III	1
RNURS-036	Nursing in Health and Illness III	9.5
RNURS-038	Nursing Skills Simulation IV	1
RNURS-039	Pharmacology for RN Program IV	1
TOTAL UNITS FOR THE MAJOR		47

Registered Nursing Curriculum

REQUIRED COURSES: FIRST SEMESTER		UNITS
RNURS-022	Fundamentals of Nursing Practice	9.5
RNURS-023	Nursing Skills Simulation I	1
RNURS-024	Pharmacology for RN Program I	1

REQUIRED COURSES: SECOND SEMESTER		UNITS
RNURS-026	Nursing in Health and Illness I	9.5
RNURS-027	Nursing Skills Simulation II	1
RNURS-028	Pharmacology for RN Program II	1

REQUIRED COURSES: THIRD SEMESTER		UNITS
RNURS-031	Nursing in Health & Illness II	9.5
RNURS-033	Nursing Skills Simulation III	1
RNURS-034	Pharmacology for RN Program III	1

REQUIRED COURSES: FOURTH SEMESTER		UNITS
RNURS-030	Leadership/Management/Professionalism	1
RNURS-036	Nursing in Health & Illness III	9.5
RNURS-038	Nursing Skills Simulation IV	1
RNURS-039	Pharmacology for RN Program IV	1
TOTAL UNITS FOR THE MAJOR		47

TOTAL UNITS FOR THE DEGREE 77-80

Program Student 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).

Vocational Nursing

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.

CERTIFICATE OF ACHIEVEMENT VOCATIONAL NURSING

REQUIRED COURSES: FIRST SEMESTER		UNITS
VONUR-004	VN Pharmacology I	1
VONUR-005	Fundamentals of Vocational Nursing	5
VONUR-006	Fundamentals of Vocational Nursing Practice	7.5
VONUR-007	Vocational Nursing Role Relationships	.5

REQUIRED COURSES: SECOND SEMESTER		UNITS
VONUR-010	Medical Surgical Nursing Care Management	6.5
VONUR-011	Medical Surgical Nursing	6
VONUR-012	VN Pharmacology II	1
VONUR-013	Maternity Nursing Care Management & Interventions	1
VONUR-014	Maternity Clinical Skills Lab	1.5

REQUIRED COURSES: THIRD SEMESTER		UNITS
VONUR-015	Leadership & Ethics	1
VONUR-016	Medical Surgical II Nursing Care Management	4.5
VONUR-017	Medical Surgical Clinical Skills Lab II	5
VONUR-018	Pharmacology II	1
TOTAL UNITS REQUIRED FOR THIS CERTIFICATE		47

Program Student 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.

Nursing - Registered

COURSE DESCRIPTIONS

RNURS-001 Nursing Career Seminar

6 total hours lecture
.3 Unit

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. May not be repeated. P/NP

LMC: NDA

RNURS-020 Transition to the RN Program

18 total hours lecture; 15 total hours lab
1 Unit

PREREQUISITE: *Accepted to the LVN-RN Transition Program.*

The LVN to RN Transition course is designed to bridge current LVN knowledge with essential RN competencies, focusing on advanced clinical judgment, critical reasoning, and hands-on nursing skills. This course prepares students for direct entry into the third semester of the RN program, equipping them with the foundational theory and clinical practices required for success in a registered nursing role. Through a blend of theoretical learning, practical application, interactive case studies, and skills demonstrations, students will strengthen their clinical capabilities and integrate into the advanced RN curriculum with confidence and competence. May not be repeated. P/NP

LMC: DA

TRANSFER: CSU

RNURS-022 Fundamentals of Nursing Practice

72 total hours lecture, 297 total hours lab
9.5 Units

PREREQUISITE: *Must be admitted to the Registered Nursing Program*

CO-REQUISITE: Concurrent enrollment in RNURS-023 and 024

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. Mandatory fees associated with this course may include: \$90-\$150 for background check and drug screening; \$20-\$25 for Health Stream Orientation; \$20-\$45 for mask fit testing; \$150-\$250 for uniform/shoes/lab coat; \$15-\$150 for stethoscope and a watch with a second hand; \$40-\$60 for parking at clinical sites; \$55-\$75 for CPR Certification; \$250 for physical exam, lab fees, and immunizations. Fees are subject to changed. May not be repeated. LR

LMC: DA

TRANSFER: CSU

RNURS-023 Nursing Skills Simulation I

54 total hours lab
1 Unit

PREREQUISITE: *Must be admitted to the Registered Nursing Program; RNURS-001*

CO-REQUISITE: RNURS-022 and 024

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. Mandatory fees for the course include: \$60-\$150 for Lab Kit. May not be repeated. LR

LMC: DA

TRANSFER: CSU

RNURS-024 Pharmacology for the RN Program I

18 total hours lecture
1 Unit

PREREQUISITE: *Must be admitted to the Registered Nursing Program; RNURS-001*

CO-REQUISITE: RNURS-022 and 023

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. May not be repeated. LR

LMC: DA

TRANSFER: CSU

RNURS-026 Nursing in Health and Illness I

72 total hours lecture, 297 total hours lab
9.5 Units

PREREQUISITE: *Must have been admitted to the Registered Nursing Program; RNURS-022, 023 and 024*

CO-REQUISITE: RNURS-027 and 028

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. Mandatory fees associated with this course include: \$90-\$150 for background check and drug screening; For Advanced Placement/Transfer Students ONLY: \$20-\$25 for Health Stream Orientation; \$20-\$45 for mask fit testing; \$150-\$250 for uniform/shoes/lab coat; \$15-\$150 for stethoscope and a watch with a second hand; \$55-\$75 for CPR Certification; \$250 for physical exam, lab fees, and immunizations. Fees are subject to changed. May not be repeated. LR

LMC: DA

TRANSFER: CSU

RNURS-027 Nursing Skills Simulation II

54 total hours lab
1 Unit

PREREQUISITE: Admission to the Registered Nursing program and RNURS-022, 023, & 024

CO-REQUISITE: RNURS-026 and RNURS-028

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. Mandatory fees associated with this course include: For Advanced Placement/Transfer Students ONLY: \$60-\$150 for lab kits each year. May not be repeated. LR

LMC: DA

TRANSFER: CSU

RNURS-028 Pharmacology for RN Program II

18 total hours lecture
1 Unit

PREREQUISITE: Admitted to the Registered Nursing program; RNURS-022, 023 and 024

CO-REQUISITE: RNURS-026 and 027

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 gastro-intestinal system and prescriptive used to improve respiratory function. May not be repeated. LR

LMC: DA

TRANSFER: CSU

RNURS-030 Leadership/Management and Professionalism in Nursing

18 total hours lecture
1 Unit

PREREQUISITE: Must have been admitted to the Registered Nursing Program

CO-REQUISITE: Concurrent enrollment in RNURS-036, 038 and 039

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. May not be repeated. LR

LMC: DA

TRANSFER: CSU

RNURS-031 Nursing in Health and Illness II

72 total hours lecture, 297 total hours lab
9.5 Units

PREREQUISITE: Must have been admitted to the Registered Nursing Program; RNURS-026, 027, and 028

CO-REQUISITE: RNURS-033 and 034

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. Mandatory fees associated with this course may include: \$90-\$150 for background check and drug screening (for advance placement students only); \$20-\$25 for HealthStream Orientation; \$20-\$45 for mask fit testing; \$150-\$250 for uniform/shoes/lab coat; \$15-\$150 for stethoscope; \$40-\$60 for parking at clinical sites; \$55-\$75 for CPR Certification; \$250 for physical exam, lab fees, and immunizations. Fees are subject to changed. May not be repeated. LR

LMC: DA

TRANSFER: CSU

RNURS-033 Nursing Skills Simulation III

54 total hours lab
1 Unit

PREREQUISITE: Admission to the Registered Nursing program and RNURS-026, 027 & 028

CO-REQUISITE: RNURS-031 and RNURS-034

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. Mandatory fees associated with this course include: \$60-\$150 for Skills Lab Kit per year. May not be repeated. LR

LMC: DA

TRANSFER: CSU

RNURS-034 Pharmacology for RN Program III

18 total hours lecture
1 Unit

PREREQUISITE: Must have been admitted to the Registered Nursing Program; RNURS-026, 027, and 028

CO-REQUISITE: RNURS-031 and 033

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. May not be repeated. LR

LMC: DA

TRANSFER: CSU

RNURS-036 Nursing in Health and Illness III

72 total hours lecture, 315 total hours lab
9.5 Units

PREREQUISITE: *Must have been admitted to the Registered Nursing program; RNURS-031, 033, and 034*

CO-REQUISITE: *RNURS-030, 038 and 039*

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. Mandatory fees associated with this course may include: For Advanced Placement/Transfer Students ONLY: \$20-\$25 for HealthStream Orientation; \$20-\$45 for mask fit testing; \$250 for uniform/shoes/lab coat; \$15-\$150 for stethoscope and a watch with a second hand; \$40-\$60 for parking at clinical sites; \$55-\$75 for CPR Certification; \$250 for physical exam, lab fees, and immunizations; \$90-\$150 for background check and drug screening; \$40-\$65 for mandatory standardize testing. Fees are subject to changed. May not be repeated. LR

LMC: *ADR: Natural Sciences; DA*

TRANSFER: *CSU*

RNURS-038 Nursing Skills Simulation IV

54 total hours lab
1 Unit

PREREQUISITE: *Must have been admitted to the Registered Nursing program and have completed RNURS-031, 033, & 034.*

CO-REQUISITE: *RNURS-036 and 039*

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. Mandatory fees associated with this course include: For Advanced Placement/Transfer Students ONLY: \$60-\$150 for skills lab kit per year. May not be repeated. LR

LMC: *DA*

TRANSFER: *CSU*

RNURS-039 Pharmacology for RN Program IV

18 total hours lecture
1 Unit

PREREQUISITE: *Must have been admitted to the Registered Nursing program; RNURS-031, 033 and 034*

CO-REQUISITE: *RNURS-030, 036 and 038*

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. May not be repeated. LR

LMC: *DA*

TRANSFER: *CSU*

RNURS-098 Independent Study in Registered Nursing

.5-3 Units

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. SC

LMC: *Independent study courses may be DA or transferable depending on specific course. See your counselor.*

TRANSFER: *Independent study courses may be DA or transferable depending on specific course. See your counselor.*

Nursing - Vocational

COURSE DESCRIPTIONS**VONUR-004 VN Pharmacology I**

18 total hours lecture
1 Unit

PREREQUISITE: *Admission to the Vocational Nursing Program*

CO-REQUISITE: *VONUR-005, 006, and 007*

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. FA Davis bundle: \$468.00 (covers all VN courses for the whole program). May not be repeated. LR

LMC: *DA*

VONUR-005 Fundamentals of Vocational Nursing

93 total hours lecture
5 Units

PREREQUISITE: Admission to the Vocational Nursing Program;
VONUR-007

CO-REQUISITE: VONUR-004, 006

This course introduces students to the foundational principles and practices of nursing within the scope of vocational nursing to provide safe and effective care to diverse patient populations across the life span. The course emphasizes the nursing process as a systematic method for providing care, including assessment, diagnosis, planning, implementation, and evaluation. The course also includes instruction in therapeutic communication, patient safety, and documentation. FA Davis bundle: \$468.00 (covers all VN courses for the whole program). May not be repeated. LR

LMC: DA

VONUR-006 Fundamentals of Vocational Nursing Practice

26 total hours lecture; 330 total hours lab
7.5 Units

PREREQUISITE: Admission to the Vocational Nursing Program

CO-REQUISITE: VONUR-004, 005, and 007

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. Mandatory fees associated with the course include: \$90-\$150 for background check and drug screening; \$20-\$25 for Health Stream Orientation; \$20-\$45 for mask fit testing; \$60-\$150 for skills lab kit; \$250 for uniform/shoes/lab coat; \$15-\$150 for stethoscope; \$40-\$60 for parking at clinical sites; \$55-\$75 for CPR Certification; \$250 for physical exam, lab fees, and immunizations; \$150-\$200 standardized testing; \$20 bandage scissors and pen light. Fees are subject to change. May not be repeated. LR

LMC: DA

VONUR-007 Vocational Nursing Role Relationships

15 total hours lecture
.5 Unit

PREREQUISITE: Admission to the Vocational Nursing Program

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. May not be repeated. LR

LMC: DA

VONUR-008 Medical Terminology for Healthcare Occupations

18 total hours lecture
1 Unit

ADVISORY: ENGL-C1000

This course provides an integrated approach to learning and using medical terminology for the person interested in becoming a health-care professional or one who works in a healthcare occupation. May not be repeated. LR

LMC: DA

VONUR-010 Medical Surgical Nursing Care Management

121 total hours lecture
6.5 Units

PREREQUISITE: Admission to the Vocational Nursing Program;
VONUR-004, 005, 006 and 007

CO-REQUISITE: VONUR-011; 012; 013; 014

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. \$468.00 (FA Davis bundle: Covers all courses in the VN program) Fees are subject to change. May not be repeated. LR

LMC: DA

VONUR-011 Medical Surgical I Clinical Skills Lab

30 total hours lecture; 234.54 total hours lab
6 Units

PREREQUISITE: Admission to the Vocational Nursing Program;
VONUR-004, 005, 006 and 007

CO-REQUISITE: VONUR-010, 012, 013, 014

In the Medical-Surgical Skills Lab, students will apply theoretical knowledge to hands-on practice, mastering essential nursing skills required in medical-surgical settings. Emphasis is placed on integrating clinical reasoning and judgment to perform procedures safely and effectively, simulating real-world patient care scenarios. Students will develop the confidence and competence necessary to deliver high-quality care by translating classroom learning in clinical practice, ensuring they are well-prepared for the complexities of patient care in the clinical setting. Mandatory fees associated with the course include: \$40-\$60 for Parking at Clinical Sites. \$468.00 (FA Davis bundle: Covers all courses in the VN program). Mask fit testing, \$40.00 Skills lab kit \$150 All fees are subject to change. May not be repeated. LR

LMC: DA

VONUR-012 VN Pharmacology II

18 total hours lecture

1 Unit

PREREQUISITE: VONUR-004, 005, 006 and 007; Admission to the Vocational Nursing Program**CO-REQUISITE:** VONUR-010, 011, 013 and 014

Pharmacology II builds upon foundational pharmacology concepts, focusing on the intermediate principles of drug therapy in vocational nursing. This course emphasizes the integration of clinical reasoning and judgment in the safe administration of medications. Students will explore the pharmacological management of complex conditions, analyze drug interactions, and develop strategies for monitoring therapeutic outcomes. Through case studies and simulations, students will enhance their ability to make informed decisions in medication administration, ensuring patient safety and effective treatment. May not be repeated. LR

LMC: DA**VONUR-013 Maternity Nursing Care Management & Interventions**

23 total hours lecture

1 Unit

PREREQUISITE: VONUR-004, 005, 006 and 007**CO-REQUISITE:** VONUR-010, 011, 014 and 012

This course provides vocational nursing students with a comprehensive understanding of maternity and newborn care. It covers essential topics related to the care of women during pregnancy, childbirth, and the postpartum period, as well as the care of newborns. FA Davis bundle: \$468.00 (covers all VN courses for the whole program). May not be repeated. LR

LMC: DA**VONUR-014 Maternity Clinical Skills Lab**

23 total hours lecture

1.5 Units

PREREQUISITE: VONUR-004, 005, 006 and 007**CO-REQUISITE:** VONUR-010, 011, 012 and 013

This course combines lecture-based instruction with hands-on practice in a skills lab environment tailored explicitly for vocational nursing students. It covers essential maternity and newborn nursing skills, integrating theoretical knowledge and clinical rationales to ensure students are well-prepared for realworld applications. Students will learn and practice various skills, including prenatal assessments, labor and delivery support, postpartum care, and newborn assessments. The course emphasizes the importance of understanding the underlying theory behind each skill, troubleshooting common challenges, and adapting techniques to meet individual patient needs. Through guided practice and simulation, students will refine their maternity and newborn care competencies, preparing them for clinical experiences where they can confidently apply their skills to support the health and wellbeing of mothers and newborns in various healthcare settings. FA Davis bundle: \$468.00 (covers all VN courses for the whole program). May not be repeated. LR

LMC: DA**VONUR-015 Leadership & Ethics**

21.5 total hours lecture

1 Unit

PREREQUISITE: VONUR-010, 011, 012, 013, 014; Admission to the Vocational Nursing Program**CO-REQUISITE:** VONUR-016, 017, 018, 019, 021

Introduces the student to the roles, responsibilities, legal and Ethical changes in society affecting nursing practice and nursing employment. May not be repeated. LR

LMC: DA**VONUR-016 Medical Surgical II Nursing Care Management**

88 total hours lecture

4.5 Units

PREREQUISITE: VONUR-015, 017, 018, 019 and 021**CO-REQUISITE:** VONUR-016, 017, 018, 019, 021

Medical-Surgical II is an advanced course that delves into complex medical-surgical vocational nursing concepts for vocational nursing students. Emphasizing the integration of clinical reasoning and judgment, this course prepares students to manage healthcare prevention and manage intricate disorders. Through advanced case studies and simulations, students will refine their skills, decision-making, and the application of evidence-based practices, ensuring they can deliver high-quality care in challenging medicalsurgical environments in today's healthcare settings. May not be repeated. LR

LMC: DA**VONUR-017 Medical Surgical Clinical Skills Lab II**

18 total hours lecture; 229.5 total hours of lab

5 Units

PREREQUISITE: VONUR-010; 011, 012, 013 and 014; Admission to the Vocational Nursing Program**CO-REQUISITE:** VONUR-015, 016, 018, 019 and 021

The Medical-Surgical II Clinical Skills Lab course provides advanced training in medical-surgical vocational nursing skills, emphasizing the integration of clinical reasoning and judgment. Through hands-on practice in lab simulations and clinical settings, students will refine their ability to perform complex nursing procedures, make informed decisions, and adapt to dynamic patient care scenarios. This course prepares students to apply advanced vocational nursing theoretical knowledge in clinical settings, ensuring high standards of safety and effectiveness in medical-surgical vocational nursing practice. \$468.00 (FA Davis bundle: Covers all courses in the VN program) Fees are subject to change. Lab Kit \$150-160 (for this course and VONUR 021). Fees are subject to change. May not be repeated. LR

LMC: DA

VONUR-018 Pharmacology III

18 total hours lecture
1 Unit

PREREQUISITE: VONUR-007, 004, 005, 006, 010, 011, 012, 013 and 014; Admission to the Vocational Nursing Program

CO-REQUISITE: VONUR-015, 016, and 017, 019 and 021

Pharmacology III advances students' knowledge in pharmacology by focusing on more complex and advanced concepts relevant to vocational nursing. The course emphasizes the integration of clinical reasoning and judgment in the administration and management of medications, particularly in complex patient care scenarios. Students will learn clinical judgment and reasoning to evaluate drug therapies, anticipate and manage adverse effects, and apply advanced pharmacological principles to ensure safe and effective patient outcomes. \$468.00 (FA Davis bundle: Covers all courses in the VN program). May not be repeated. LR

LMC: DA

VONUR-019 VN Pediatric Nursing Care Management

69 total hours lecture
3.5 Units

PREREQUISITE: Admission to the Vocational Nursing Program; VONUR-010, 011, 012, 013 and 014

CO-REQUISITE: VONUR-015, 016, 017, 018 and 021

This course provides vocational nursing students with a comprehensive understanding of the theoretical foundations essential for pediatric nursing care management. It explores the principles and practices involved in the care of infants, children, and adolescents within a family-centered approach. The course covers key topics such as child growth and development, pediatric pharmacology, common pediatric illnesses, and evidence-based practices in pediatric care. Students will delve into the nursing process as it applies to pediatric patients, emphasizing assessment, diagnosis, planning, implementation, and evaluation. The course also addresses legal and ethical considerations in pediatric nursing, as well as communication strategies for interacting with young patients and their families. \$468.00 (FA Davis bundle: Covers all courses in the VN program) Fees are subject to change. May not be repeated. LR

LMC: DA

TRANSFER: CSU

VONUR-020 Drug Dosage Calculations for Health Occupations

36 total hours lecture
2 Units

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. May not be repeated. LR

LMC: DA

VONUR-021 Pediatric Clinical Skills Lab

12 total hours lecture; 81 total hours lab
2 Units

PREREQUISITE: Admission to the Vocational Nursing Program; VONUR-010, 011, 012, 013 and 014

CO-REQUISITE: VONUR-015, 016, 017, 018 and 019

This course is designed to provide vocational nursing students with hands-on experience in pediatric nursing care through a combination of lab-based simulations and real-world clinical experiences. In the skills lab, students will practice essential pediatric nursing procedures within a controlled environment that allow students to refine technical skills and develop confidence in a safe setting. Students will also participate in pediatric clinical rotations where they will apply their skills in real pediatric healthcare settings, working under the supervision of experienced nurses and instructors. The course emphasizes the integration of theoretical knowledge with practical skills, focusing on the unique needs of pediatric patients and the importance of family-centered care. By the end of the course, students will be proficient in providing safe, competent, and compassionate care to infants, children, and adolescents in a variety of healthcare environments. \$468.00 (FA Davis bundle: Covers all courses in the VN program) Lab Kit \$150-160 (VONUR 20 and VONUR 017). Fees are subject to change. May not be repeated. LR

LMC: DA

TRANSFER: CSU

VONUR-030 IV Therapy/Blood Withdrawal

27 total hours lecture, 9 total hours lab
1.5 Units

PREREQUISITE: RN, LVN, Graduate RN/ VN Program, Senior (final semester) in VN/RN program

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. A mandatory lab fee is required. May not be repeated. P/NP

LMC: NDA

VONUR-098 Independent Study in Vocational Nursing

.5-3 Units

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. SC

LMC: Independent study courses may be DA or transferable depending on specific course. See your counselor.

TRANSFER: Independent study courses may be DA or transferable depending on specific course. See your counselor.

Nutrition

COURSE DESCRIPTIONS

NUTRI-055 Introduction to Nutrition

54 total hours lecture
3 Units

ADVISORY: ENGL-C1000

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. May not be repeated. LR

LMC: DA

TRANSFER: UC; CSU; C-ID NUTR 110

Philosophy

DEGREE—Associate in Arts for Transfer
Philosophy

ASSOCIATE IN ARTS
PHILOSOPHY FOR TRANSFER DEGREE

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.

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 in Arts in Philosophy for Transfer degree, a student must complete 60 transferable semester units that include:

- Completion of 60 semester units or 90 quarter units of degree-applicable courses,
- Minimum overall grade point average of 2.0,
- Minimum grade of "C" (or "P") for each course in the major, and Completion of California General Education Transfer Curriculum (Cal-GETC) .

REQUIRED CORE COURSES

PHIL-100	Introduction to Philosophy	3
or		
PHIL-120	Introduction to Ethics	3
PHIL-210	Symbolic Logic	3

LIST A: SELECT ONE OR ANY REQUIRED CORE NOT ALREADY USED

PHIL-130	History of Ancient Philosophy	3
PHIL-132	History of Modern Philosophy	3
TOTAL UNITS FOR LIST A		3

LIST B: SELECT TWO OR ANY LIST A COURSE NOT ALREADY USED

PHIL-122	Contemporary Moral Issues	3
PHIL-133	A History of Political Thought: The Problem of Democracy	3
PHIL-140	Philosophy of Religion	3
TOTAL UNITS FOR LIST B		6

LIST C: SELECT ONE OR ANY LIST A OR B COURSE NOT ALREADY USED

PHIL-150	Philosophy through Film and Literature	3
TOTAL UNITS FOR LIST C		3
TOTAL UNITS FOR THE MAJOR		18
TOTAL UNITS FOR THE DEGREE		60

Program Student 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.

COURSE DESCRIPTIONS**PHIL-100 Introduction to Philosophy**

54 total hours lecture
3 Units

ADVISORY: ENGL-C1000

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. May not be repeated. SC

LMC: ADR: Arts and Humanities; DA

TRANSFER: UC; CSU; Cal-GETC Area 3B; C-ID PHIL 100

PHIL-110 Critical Thinking and Composition

54 total hours lecture
3 Units

PREREQUISITE: ENGL-C1000

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. May not be repeated. SC

LMC: ADR: Arts and Humanities; English Composition, Oral Communication and Critical Thinking: Oral Communication

TRANSFER: UC; CSU; Cal-GETC Area 1B

PHIL-120 Introduction to Ethics

54 total hours lecture
3 Units

ADVISORY: ENGL-C1000, ENGL-C1000E

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. May not be repeated. SC

LMC: ADR: Arts and Humanities; DA

TRANSFER: UC; CSU; Cal-GETC Area 3B; C-ID PHIL 120

PHIL-122 Contemporary Moral Issues

54 total hours lecture
3 Units

ADVISORY: ENGL-C1000

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. May not be repeated. LR

LMC: ADR: Arts and Humanities; DA

TRANSFER: UC; CSU; Cal-GETC Area 3B

PHIL-130 History of Ancient Philosophy

54 total hours lecture

3 Units

ADVISORY: ENGL-C1000

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. May not be repeated. SC

LMC: ADR: Arts and Humanities; DA**TRANSFER:** UC; CSU; Cal-GETC Area 3B; C-ID PHIL 130**PHIL-132 History of Modern Philosophy**

54 total hours lecture

3 Units

ADVISORY: ENGL-C1000

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. May not be repeated. SC

LMC: ADR: Arts and Humanities; DA**TRANSFER:** UC; CSU; Cal-GETC Area 3B; C-ID PHIL 140**PHIL-133 Philosophy of Political Theory and Thought**

54 total hours lecture

3 Units

ADVISORY: ENGL-C1000

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. May not be repeated.

May not be repeated. SC

LMC: ADR: Arts and Humanities; DA**TRANSFER:** UC; CSU; Cal-GETC Area 3B, 4**PHIL-140 Philosophy of Religion**

54 total hours lecture

3 Units

ADVISORY: ENGL-C1000

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. May not be repeated. SC

LMC: ADR: Arts and Humanities; DA**TRANSFER:** UC; CSU; Cal-GETC Area 3B**PHIL-150 Philosophy through Film and Literature**

54 total hours lecture

3 Units

ADVISORY: ENGL-C1000, ENGL-C1000E

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.

May not be repeated. SC

LMC: ADR: Arts and Humanities; DA**TRANSFER:** UC; CSU; Cal-GETC Area 3B**PHIL-210 Symbolic Logic**

54 total hours lecture

3 Units

ADVISORY: STAT-C1000 or PHIL-110

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. May not be repeated. SC

LMC: AADR: English Composition, Oral Communication and Critical Thinking; DA**TRANSFER:** UC; CSU; C-ID PHIL 210

Physical Science

COURSE DESCRIPTIONS

PHYSC-005 General Physical Science

54 total hours lecture, 18 total hours lab
3 Units

ADVISORY: ENGL-C1000

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. LR

LMC: ADR: *Natural Sciences*; DA

TRANSFER: UC; CSU; Cal-GETC Area 5A

PHYSC-098 Independent Study in Physical Science

.5-3 Units

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. SC

LMC: *Independent study courses may be DA or transferable depending on specific course. See your counselor.*

TRANSFER: *Independent study courses may be DA or transferable depending on specific course. See your counselor.*

Physics

DEGREE—Associate in Science for Transfer

Physics

ASSOCIATE IN SCIENCE

PHYSICS FOR TRANSFER DEGREE

The Associate in Science in Physics for Transfer Degree at Los Medanos College prepares students to transfer into a curriculum at a four-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:

- Completion of 60 semester units or 90 quarter units of degree-applicable courses,
- Minimum overall grade point average of 2.0,
- Minimum grade of "C" (or "P") for each course in the major, and
- Completion of California General Education Transfer Curriculum (Cal-GETC)

REQUIRED COURSES:		UNITS
PHYS-040	Physics for Scientists and Engineers I	4
PHYS-041	Physics for Scientists and Engineers II	4
PHYS-042	Physics for Scientists and Engineers III	4
MATH-210	Calculus and Analytic Geometry I	4
MATH-220	Calculus and Analytic Geometry II	4
MATH-230	Calculus and Analytic Geometry III	4
TOTAL UNITS FOR THE MAJOR		24
TOTAL UNITS FOR THE DEGREE		60

Program Student Learning Outcomes

1. Apply universal physical laws to solve complex problems.
2. Connect diverse disciplines (e.g., engineering, medicine, chemistry, biology) through the fundamental physical concepts and interactions that unite them.
3. Pursue discovery by creating and performing experiments, interpreting and communicating the results.

COURSE DESCRIPTIONS**PHYS-015 Introduction to Physics**

54 total hours lecture, 54 total hours lab
4 Units

PREREQUISITE: *Intermediate algebra or equivalent*

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. May not be repeated. SC

LMC: ADR: *Natural Sciences*; DA

TRANSFER: UC; CSU

PHYS-035 College Physics I

54 total hours lecture, 72 total hours lab
4 Units

PREREQUISITE: *MATH-155 or equivalent*

ADVISORY: *PHYS-015*

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. May not be repeated. LR

LMC: ADR: *Natural Sciences*; DA

TRANSFER: UC; CSU; Cal-GETC Area 5A, 5C; C-ID PHYS 105

PHYS-036 College Physics II

54 total hours lecture, 72 total hours lab
4 Units

PREREQUISITE: *PHYS-035*

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. May not be repeated. LR

LMC: ADR: *Natural Sciences*; DA

TRANSFER: UC; CSU; Cal-GETC Area 5A, 5C; C-ID PHYS 110

PHYS-037 General College Physics Calculus Supplement I

9 total hours lecture

.5 Unit

CO-REQUISITE: PHYS-035; MATH-140 or MATH-210)

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. May not be repeated. LR

LMC: ADR: *Natural Sciences*; DA

TRANSFER: UC; CSU

PHYS-038 General College Physics Calculus Supplement II

9 total hours lecture

.5 Unit

CO-REQUISITE: PHYS-036, MATH-210

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. May not be repeated. LR

LMC: ADR: *Natural Sciences*; DA

TRANSFER: UC; CSU

PHYS-040 Physics for Scientists and Engineers I

54 total hours lecture, 72 total hours lab

4 Units

PREREQUISITE: *Prior or concurrent enrollment in MATH-220*

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. May not be repeated. LR

LMC: ADR: *Natural Sciences*; DA

TRANSFER: UC; CSU; Cal-GETC Area 5A, 5C; C-ID PHYS 20

PHYS-041 Physics for Scientists and Engineers II

54 total hours lecture, 72 total hours lab

4 Units

PREREQUISITE: PHYS-040**CO-REQUISITE:** MATH 230

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. May not be repeated. LR

LMC: ADR: Natural Sciences; DA**TRANSFER:** UC; CSU; Cal-GETC Area 5A, 5C; C-ID PHYS 210**PHYS-042 Physics for Scientists and Engineers III**

54 total hours lecture, 72 total hours lab

4 Units

PREREQUISITE: PHYS-040**CO-REQUISITE:** MATH 230

This course is an introduction to fluids, waves, sound, heat and thermodynamics, geometrical and physical optics and quantum physics. May not be repeated. LR

LMC: ADR: Natural Sciences; DA**TRANSFER:** UC; CSU; Cal-GETC Area 5A, 5C; C-ID PHYS 215**PHYS-098 Independent Study in Physics**

.5-3 Units

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. SC

LMC: Independent study courses may be DA or transferable depending on specific course. See your counselor.**TRANSFER:** Independent study courses may be DA or transferable depending on specific course. See your counselor.

Political Science

DEGREE—Associate in Arts for Transfer

Law, Public Policy and Society

Political Science

ASSOCIATE IN ARTS**POLITICAL SCIENCE FOR TRANSFER DEGREE**

The Los Medanos College Social Science Department invites the students of our esteem 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 professional, public administration, diplomatic corps, elected office, legislative branch, journalist, lobbyist, and educator. Employment opportunities that utilize political science coursework that do 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 compliment the broad nature of the political science discipline and may be use to fulfill other disciplinary or institutional requirements. To earn the Associate Degree for Transfer:

- Completion of 60 semester units or 90 quarter units of degree-applicable courses,
- Minimum overall grade point average of 2.0,
- Minimum grade of "C" (or "P") for each course in the major, and
- Completion of California General Education Transfer Curriculum (Cal-GETC)

REQUIRED CORE COURSE:		UNITS
POLSC-050	Introduction to Comparative Politics	3
POLSC-043	International Relations	3
POLS-C1000	American Government and Politics	3
PHIL-133	Philosophy of Political Theory and Thought	3
or		
POLSC-033	Philosophy of Political Theory and Thought	3
LIST A REQUIRED COURSE		
STAT-C1000	Introduction to Statistics	4
LIST B REQUIRED COURSES - CHOOSE 3 CREDITS FROM THE FOLLOWING:		
POLSC-040	Introduction to California State and Local Politics	3
HIST- 029	United States History until 1865	3
HIST- 030	United States History from 1865	3
HIST- 040	Modern World History: Peoples and Their Governance From 1500 C.E.	3
ECON-005	Economic History of the United States	3
ECON-010	Principles of Microeconomics	3
ECON-011	Principles of Macroeconomics	3
TOTAL UNITS FOR MAJOR:		18
TOTAL UNITS FOR DEGREE:		60

Program-Level 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.
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 governmental policies and actions that address a world view, 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.

COURSE DESCRIPTIONS**POLS-C1000 American Government and Politics**

54 total hours lecture

3 Units

ADVISORY: ENGL-C1000

This course is an introduction to government and politics in the United States and California. Students examine the constitutions, structure, and operation of governing institutions, civil liberties and civil rights, political behaviors, political issues, and public policy using political science theory and methodology.

Part 2: (formerly POLSC-010). May not be repeated. SC

LMC: ADR: Social and Behavioral Sciences; DA

TRANSFER: UC; CSU; Cal-GETC Area 4; C-ID POLS 110

POLSC-033 Philosophy of Political Theory and Thought

54 total hours lecture

3 Units

ADVISORY: ENGL-C1000

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. May not be repeated. SC

LMC: ADR: Social and Behavioral Sciences; DA

TRANSFER: UC; CSU; Cal-GETC Area 3B, 4; C-ID POLS 120

POLSC-040 Introduction to California State and Local Politics

54 total hours lecture

3 Units

ADVISORY: ENGL-C1000

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. May not be repeated. SC

LMC: ADR: Social and Behavioral Sciences; DA

TRANSFER: UC; CSU; US-3; Cal-GETC Area 4

POLSC-043 International Relations

54 total hours lecture

3 Units

ADVISORY: POLSC-010 and ENGL-C1000

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. May not be repeated. LR

LMC: ADR: Social and Behavioral Sciences; DA

TRANSFER: UC; Cal-GETC Area 4; C-ID POLS 140

POLSC-050 Introduction to Comparative Politics

54 total hours lecture

3 Units

ADVISORY: ENGL-C1000

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. May not be repeated. SC

LMC: ADR: Social and Behavioral Sciences; DA

TRANSFER: UC; CSU Cal-GETC Area 4; C-ID POLS 130

POLSC-098 Independent Study in Political Science

.5-3 Units

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. SC

LMC: Independent study courses may be DA or transferable depending on specific course. See your counselor.

TRANSFER: Independent study courses may be DA or transferable depending on specific course. See your counselor.

POLSC-109 Introduction to Constitutional Law: Your Liberties and Rights

54 total hours lecture

3 Units

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. May not be repeated. LR

LMC: ADR: Social and Behavioral Sciences; DA

TRANSFER: UC; CSU; US-2; Cal-GETC Area 4

POLSC-160 Introduction to Law, Public Policy and Society

54 total hours lecture

3 Units

ADVISORY: ENGL-C1000 and POLSC-010

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. May not be repeated. SC

LMC: ADR: Social and Behavioral Sciences; DA

TRANSFER: UC; CSU; US-2; Cal-GETC Area 4; C-ID LPPS 110

Process Technology

DEGREE—Associate of Science

Process Technology

CERTIFICATE OF ACHIEVEMENT

Process Technology

COLLEGE SKILLS CERTIFICATE

Bridge to Advanced Manufacturing

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.

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.

ASSOCIATE OF SCIENCE AND CERTIFICATE OF ACHIEVEMENT**PROCESS TECHNOLOGY**

REQUIRED COURSES:		UNITS
PTEC-007	Industrial Technology Career Skills	1
PTEC-009	PTEC Mathematics	5
PTEC-010	Introduction to Process Technology	3
PTEC-012	Petrochemical Safety, Health and Environment	1
PTEC-024	Process Instrumentation	3
PTEC-025	Process Technology I – Equipment	3
PTEC-027	Manufacturing Technician Basics	2
PTEC-035	Process Technology II – Systems	3
PTEC-044	Petrochemical Simulation Laboratory	1
PTEC-045	Process Technology III – Operations	3
PTEC-048	Process Trouble Shooting	3
PTEC-060	Industrial Technology Employment Preparation	1

COMPLETE THE FOLLOWING NUMBER OF CREDITS: 3-4		UNITS
CHEM-006	Introduction to Inorganic and Physical Chemistry	4
CHEM-007	Introduction General, Organic and Biochemistry	4
PTEC-006	Industrial Chemistry for Advanced Manufacturing	3

COMPLETE THE FOLLOWING NUMBER OF CREDITS: 4		UNITS
PHYS-015	Introduction to Physics	4
PTEC-015	Fund Phys Prins Indst Tech	4
TOTAL UNITS FOR THE MAJOR		36-37
TOTAL UNITS FOR THE DEGREE		60
TOTAL UNITS FOR THIS CERTIFICATE		36-37

Program Student 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.

COLLEGE SKILLS CERTIFICATE**BRIDGE TO ADVANCED MANUFACTURING**

REQUIRED COURSES:		UNITS
PTEC-007	Industrial Technology Career Skills	1
PTEC-010	Introduction to Process Technology	3
PTEC-012	Petrochemical Safety, Health and Environment	1
COMPLETE THE FOLLOWING NUMBER OF CREDITS: 3-7		UNITS
PTEC-009	PTEC Mathematics	5
STAT-C1000	Introduction to Statistics	4
MATH-030	Intermediate Algebra	4
MATH-120	Number Systems	4
MATH-125	Quantitative Reasoning	4
MATH-140	Applied Calculus	4
MATH-155	Precalculus	4
MATH-160	Discrete Math	4
MATH-210	Calculus and Analytic Geometry I	4
MATH-220	Calculus and Analytic Geometry II	4
MATH-240	Calculus and Analytic Geometry III	4
MATH-240	Differential Equations	3
MATH-250	Linear Algebra	3
TOTAL UNITS REQUIRED FOR COLLEGE SKILLS CERTIFICATE		8-12

Program Student 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.

COURSE DESCRIPTIONS**PTEC-006 Industrial Chemistry for Advanced Manufacturing**

54 total hours lecture

3 Unit

CO-REQUISITE: PTEC-009**ADVISORY:** ENGL-C1000

This course builds the fundamental chemical concepts that are used in the Industrial Technology field. A conceptualized and contextualized approach is used to develop an understanding of the structure and properties of matter through a study of such topics as atomic structure, naming chemical compounds, types of chemical reactions, chemical formulas, mole, stoichiometry, chemical bonding, gases, solutions and acid-base chemistry. Emphasis is placed on practical aspects of chemistry used by technicians in advanced manufacturing roles. May not be repeated. SC

LMC: DA**TRANSFER:** CSU**PTEC-007 Industrial Technology Career Skills**

18 total hours lecture

1 Unit

ADVISORY: ENGL-C1000

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. May not be repeated. SC

LMC: DA**TRANSFER:** CSU**PTEC-009 PTEC Mathematics**

90 total hours lecture

5 Units

ADVISORY: ENGL-C1000; equivalent of a C- or better in high school Algebra I, Integrated Math I

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. May not be repeated. SC

LMC: ADR: Mathematical Concepts and Quantitative Reasoning; DA**TRANSFER:** CSU

PTEC-010 Introduction to Process Technology

54 total hours lecture
3 Units

ADVISORY: ENGL-C1000

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. May not be repeated. SC

LMC: DA

TRANSFER: CSU

PTEC-012 Petrochemical Safety, Health, and Environment

18 total hours lecture
1 Unit

ADVISORY: PTEC-010; ENGL-C1000

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. May not be repeated. SC

LMC: DA

TRANSFER: CSU

PTEC-015 Fundamental Physics Principles for Industrial Technology

72 total hours lecture
4 Units

CO-REQUISITE: PTEC-009

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. May not be repeated. SC

LMC: ADR: Natural Sciences; DA

TRANSFER: CSU

PTEC-024 Process Instrumentation

45 total hours lecture, 27 total hours lab
3 Units

PREREQUISITE: PTEC-009, PTEC-010

ADVISORY: PTEC-007, 012, CHEM-006

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. May not be repeated. SC

LMC: DA

TRANSFER: CSU

PTEC-025 Process Technology I - Equipment

54 total hours lecture
3 Units

PREREQUISITE: PTEC-009, PTEC-010

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. May not be repeated. SC

LMC: DA

TRANSFER: CSU

PTEC-027 Manufacturing Technician Basics

18 total hours lecture, 54 total hours lab
2 Units

ADVISORY: ENGL-C1000

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. Also covers basic manufacturing skills such as reading industrial drawings, operating industrial equipment, and preparing equipment for maintenance. May not be repeated. SC

LMC: DA

PTEC-035 Process Technology II - Systems

54 total hours lecture

3 Units

CO-REQUISITE: PTEC-025**ADVISORY:** ENGL-C1000, CHEM-007

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. May not be repeated. SC

LMC: DA**TRANSFER:** CSU**PTEC-044 Petrochemical Simulation Laboratory**

54 total hours lab

1 Unit

PREREQUISITE: PTEC-035**CO-REQUISITE:** PTEC-027; PTEC-006 or CHEM-006 and PTEC-015 or PHYS-015**ADVISORY:** ENGL-C1000

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. May not be repeated. P/NP

LMC: DA**PTEC-045 Process Technology III - Operations**

45 total hours lecture, 27 total hours lab

3 Units

CO-REQUISITE: PTEC-044**ADVISORY:** ENGL-C1000

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. May not be repeated. SC

LMC: DA**TRANSFER:** CSU**PTEC-048 Process Troubleshooting**

54 total hours lecture

3 Units

CO-REQUISITE: PTEC-045**ADVISORY:** ENGL-C1000

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. May not be repeated. SC

LMC: DA**TRANSFER:** CSU**PTEC-060 Industrial Technology Career Preparation**

18 total hours lecture

1 Unit

CO-REQUISITE: PTEC-048**ADVISORY:** ENGL-C1000

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. May not be repeated. SC

LMC: DA**TRANSFER:** CSU**PTEC-100 Introduction to Industrial Technology and Trades**

18 total hours lecture, 54 total hours lab

2 Units

This is a career exploration course for the industrial trades including: Appliance Repair, 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. May not be repeated. P/NP

LMC: DA**TRANSFER:** CSU

PTEC-170 Work Experience Education in Process Technology

54-216 total hours
1-4 Units

PREREQUISITE: *In order to enroll in a Work Experience Education course, students must be employed, register for the course, complete an online Work Experience Education Application, and participate in a Work Experience Education orientation. Students may earn one unit for 54 hours work per enrollment period. Does not meet requirements for veterans' benefits. Work Experience Education Application can be accessed at <https://www.losmedanos.edu/cwee/>. Students may earn up to 14 units of Work Experience Education per enrollment period.*

The purpose of work experience education is to provide students with an integrated instructional program that provides opportunities to connect academic curricula to applied experiential learning in the workplace. Work experience education assists the student in developing career awareness, learning industry culture, competencies and norms, and developing professional networks in their desired field to support career mobility. To participate in work experience education, students must be employed and undertake new or expanded responsibilities. Students, with faculty and employer approval, will develop and successfully complete learning objective(s). Each learning objective must be substantive in nature and linked in a way relevant to a student's educational pathway. See Work Experience Education website and student handbook for more information regarding variable unit registration based on hours worked. Work Experience education courses may be repeated subject to Title 5 Section 55040. SC

LMC: DA
TRANSFER: CSU

PTEC-180 Work Experience Internship in Process Technology

54-216 total hours
1-4 Units

PREREQUISITE: *In order to enroll in a Work Experience Education course, students must be employed, register for the course, complete an online Work Experience Education Application, and participate in a Work Experience Education orientation. Students may earn one unit for 54 hours worked per enrollment period. Does not meet requirements for veterans' benefits. Work Experience Education Application can be accessed at <https://www.losmedanos.edu/cwee/>. Students may earn up to 14 units of Work Experience*

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. The purpose of work experience education is to provide students with an integrated instructional program that provides opportunities to connect academic curricula to applied experiential learning in the workplace. Work experience education assists the student in developing career awareness, learning industry culture, competencies and norms, and developing professional networks in their desired field to support career mobility. To participate in work experience education, students must be employed and undertake new or expanded responsibilities.

Students, with faculty and employer approval, will develop and successfully complete learning objective(s). Each learning objective must be substantive in nature and linked in a way relevant to a student's educational pathway. See Work Experience Education website and student handbook for more information regarding variable unit registration based on hours worked. Work experience education courses may be repeated subject to Title 5 section 55040 SC

LMC: DA
TRANSFER: CSU

Psychology

DEGREE—Associate in Arts for Transfer
Psychology

**ASSOCIATE IN ARTS
PSYCHOLOGY FOR TRANSFER DEGREE**

The psychology major at Los Medanos College will provide students with an introduction to the field of psychology. This major will focus on behavior and its contributions to understanding social evolution, interpersonal relationships and healthy and disordered functioning. Students will be exposed to psychology as the scientific study of thought, feeling and behavior and as a helping profession dedicated to solving human problems.

Psychology includes a variety of subfields, including clinical, counseling, developmental, forensic, social, cognitive, biological, industrial, health, educational and school psychology. Most career options require more than two years of college study. The Associate in Arts Degree in Psychology for Transfer provides preparation for transfer to psychology programs at four-year institutions. Transferring, completion of a bachelor's degree in psychology can lead to careers as psychotherapists, college professors, scientific researchers, administrators and business consultants.

To earn the Associate Degree for Transfer:

- Completion of 60 semester units or 90 quarter units of degree-applicable courses,
- Minimum overall grade point average of 2.0,
- Minimum grade of "C" (or "P") for each course in the major, and
- Completion of California General Education Transfer Curriculum (Cal-GETC)

REQUIRED CORE COURSES:		UNITS
PSYCH-017	Introduction to Research Methods in Psychology	3
STAT-C1000	Introduction to Statistics	4
PSYC-C1000	Introduction to Psychology	3
LIST A: TOTAL 4 UNITS		UNITS
BIOSC-010	General Biology	4
BIOSC-008	Human Biology	4

continued on next page ►

LIST B: TOTAL 4 UNITS		UNITS
BIOSC-008	Human Biology	4
BIOSC-010	General Biology	4
LIST C: SELECT 1 COURSE FROM LIST A OR B NOT ALREADY USED.		UNITS
PSYCH-010	Individual and Social Processes	3
PSYCH-014	The Psychology of Human Sexuality	3
TOTAL UNITS FOR THE MAJOR		21
TOTAL UNITS FOR THE DEGREE		60

Program Student Learning Outcomes

1. Utilize critical thinking skills to analyze, evaluate and make decisions regarding current issues in psychology.
2. Recognize the complexity of social, cultural and global diversity.
3. Demonstrate understanding of the major theoretical perspectives, concepts and research findings in the field of psychology.
4. Demonstrate an understanding of biological processes underlying behavior and experience.
5. Demonstrate knowledge of the principles of research and the ethical considerations in conducting research.

COURSE DESCRIPTIONS

PSYC-C1000 Introduction to Psychology

54 total hours lecture

3 Units

ADVISORY: ENGL-C1000

This course is an introduction to psychology, which is the study of the mind and behavior. Students focus on theories and concepts of biological, cognitive, developmental, environmental, social, and cultural influences; their applications; and their research foundations.

Part 2: (formerly PSYCH-011) May not be repeated. SC

LMC: ADR: Social and Behavioral Sciences; DA

TRANSFER: UC; CSU; Cal-GETC Area 4; C-ID PSYC 110

PSYCH-010 Individual and Social Process

54 total hours lecture

3 Units

ADVISORY: ENGL-C1000

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. May not be repeated. SC

LMC: ADR: Social and Behavioral Sciences; DA

TRANSFER: UC; CSU; Cal-GETC Area 4

PSYCH-014 The Psychology of Human Sexuality

54 total hours lecture

3 Units

ADVISORY: ENGL-C1000

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. May not be repeated. SC

LMC: ADR: Social and Behavioral Sciences; DA

TRANSFER: UC; CSU Cal-GETC Area 4

PSYCH-017 Introduction to Research Methods In Psychology

54 total hours lecture

3 Units

PREREQUISITE: PSYC-C1000; STAT-C1000

ADVISORY: ENGL-C1000

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. May not be repeated. SC

LMC: ADR: Social and Behavioral Sciences; DA

TRANSFER: UC; CSU; Cal-GETC Area 4; C-ID PSYC 200

Recording Arts

DEGREE—Associate of Arts

Recording Arts

CERTIFICATE OF ACHIEVEMENT

Recording Arts

COLLEGE SKILLS CERTIFICATE

Recording Arts Level 1

Recording Arts Level 2

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: \$12.06-\$42.96/hour

Sound Engineering Technician: \$13.06-\$62.54/hour

Information gathered from onetonline.org which is sponsored by the Department of Labor, 2023

ASSOCIATE OF ARTS DEGREE

RECORDING ARTS

For this degree, a total of 60 degree-applicable units are required. Complete 27 units of major coursework as well as the General Education requirements.

REQUIRED COURSES:		UNITS
RA-010	Introduction to Recording Arts	3
RA-012	Sound Reinforcement	3
RA-015	Music Fundamentals for Audio Professionals	3
RA-020	Recording Arts II	3
RA-021	The Role of the Producer	2
RA-025	Basic Tracking Sessions	3
RA-030	Recording Arts III	3
RA-032	Recording Arts Workshop	(min) 1
RA-035	ProTools Production & Editing	3
RA-040	Recording Arts IV	3
TOTAL UNITS FOR THE MAJOR		27
TOTAL UNITS FOR THE DEGREE		60

Program Student 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.

CERTIFICATE OF ACHIEVEMENT

RECORDING ARTS

For the Certificate of Achievement in Recording Arts, complete 27 units of major coursework. This certificate curriculum is provided as a sample guide showing what a student's schedule may look like. There is no guarantee that all classes will be offered each semester or that space will be available.

Typical sequence – 4 semesters

REQUIRED COURSES: FALL		UNITS
RA-010	Introduction to Recording Arts	3
RA-012	Sound Reinforcement	3
RA-015	Music Fundamentals for Audio Professionals	3
TOTAL UNITS		9

REQUIRED COURSES: SPRING		UNITS
RA-020	Recording Arts II	3
RA-021	The Role of the Producer (Basic Session Producing)	2
RA-025	Basic Tracking Sessions	3
TOTAL UNITS		8

REQUIRED COURSES: FALL		UNITS
RA-030	Recording Arts III	3
RA-032	Recording Arts Workshop	1
TOTAL UNITS		4

REQUIRED COURSES: SPRING		UNITS
RA-035	ProTools Production and Editing	3
RA-040	Recording Arts IV	3
TOTAL UNITS		6

TOTAL UNITS REQUIRED FOR THIS CERTIFICATE		27
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Program Student 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.

COLLEGE SKILLS CERTIFICATE**RECORDING ARTS LEVEL 1**

REQUIRED COURSES: FIRST YEAR:		UNITS
RA-010	Introduction to Recording Arts	3
RA-012	Sound Reinforcement	3
RA-015	Music Fundamentals for Audio Professionals	3
RA-020	Recording Arts II	3
RA-021	The Role of the Producer	2
TOTAL UNITS REQUIRED FOR COLLEGE SKILLS CERTIFICATE		14

COLLEGE SKILLS CERTIFICATE**RECORDING ARTS LEVEL 2**

REQUIRED COURSES: SECOND YEAR:		UNITS
RA-025	Basic Tracking Sessions	3
RA-030	Recording Arts III	3
RA-032	Recording Arts Workshop	1
RA-035	Protools Production & Editing	3
RA-040	Recording Arts IV	3
TOTAL UNITS REQUIRED FOR COLLEGE SKILLS CERTIFICATE		13

Program Student Learning Outcomes

1. Be qualified for entry-level positions in the field.
2. Be positioned to begin entrepreneurial freelance work

COURSE DESCRIPTIONS**RA-010 Introduction to Recording Arts**

36 total hours lecture, 18 total hours lab,
54 total lab hours by arrangement
3 Units

ADVISORY: ENGL-C1000

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. May not be repeated. LR

LMC: DA

TRANSFER: CSU

RA-012 Sound Reinforcement

36 total hours lecture, 18 total hours lab,
36 total hours lab by arrangement
3 Units

ADVISORY: ENGL-C1000

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. May not be repeated. LR

LMC: DA

TRANSFER: CSU

RA-015 Music Fundamentals for Audio Professionals

54 total hours lecture
3 Units

ADVISORY: ENGL-C1000

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. May not be repeated. LR

LMC: DA

TRANSFER: CSU

RA-020 Recording Arts II

36 total hours lecture, 18 total hours lab,
54 total hours lab by arrangement
3 Units

PREREQUISITE: RA-010

ADVISORY: ENGL-C1000

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. May not be repeated. LR

LMC: DA

TRANSFER: CSU

RA-021 The Role of the Producer

36 total hours lecture,
36 total hours lab by arrangement
2 Units

ADVISORY: ENGL-C1000

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. May not be repeated. LR

LMC: DA

TRANSFER: CSU

RA-025 Basic Tracking Sessions

36 total hours lecture,
54 total hours lab by arrangement
3 Units

ADVISORY: Prior or concurrent enrollment in RA-010; ENGL-C1000

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. May not be repeated. LR

LMC: DA

TRANSFER: CSU

RA-030 Recording Arts III

36 total hours lecture, 18 total hours lab,
54 total hours lab by arrangement
3 Units

PREREQUISITE: RA-020

ADVISORY: ENGL-C1000

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. May not be repeated. LR

LMC: DA

TRANSFER: CSU

RA-032 Recording Arts Workshop

54 total hours lab
1 Unit

ADVISORY: RA-010 and 020; ENGL-C1000

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. May not be repeated. LR

LMC: DA

TRANSFER: CSU

RA-033 Advanced Recording Arts Workshop

36 total hours lecture, 36 total hours lab
2.5 Units

PREREQUISITE: Prior or concurrent enrollment in RA-020

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. May not be repeated. SC

LMC: DA

TRANSFER: CSU

RA-035 ProTools Production and Editing

54 total hours lecture
3 Units

ADVISORY: RA-010 and 020; ENGL-C1000

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. May not be repeated. LR

LMC: DA

TRANSFER: CSU

RA-040 Recording Arts IV

36 total hours lecture, 18 total hours lab,
54 total hours lab by arrangement
3 Units

PREREQUISITE: RA-030

ADVISORY: ENGL-C1000

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. May not be repeated. LR

LMC: DA

TRANSFER: CSU

RA-170 Work Experience Education in Recording Arts

54-216 total hours
1-4 Units

PREREQUISITE: *In order to enroll in a Work Experience Education course, students must be employed, register for the course, complete an online Work Experience Education Application, and participate in a Work Experience Education orientation. Students may earn one unit for 54 hours work per enrollment period. Does not meet requirements for veterans' benefits. Work Experience Education Application can be accessed at <https://www.losmedanos.edu/cwee/>. Students may earn up to 14 units of Work Experience Education per enrollment period.*

The purpose of work experience education is to provide students with an integrated instructional program that provides opportunities to connect academic curricula to applied experiential learning in the workplace. Work experience education assists the student in developing career awareness, learning industry culture, competencies and norms, and developing professional networks in their desired field to support career mobility. To participate in work experience education, students must be employed and undertake new or expanded responsibilities. Students, with faculty and employer approval, will develop and successfully complete learning objective(s). Each learning objective must be substantive in nature and linked in a way relevant to a student's educational pathway. See Work Experience Education website and student handbook for more information regarding variable unit registration based on hours worked. Work Experience education courses may be repeated subject to Title 5 Section 55040. SC

LMC: DA

TRANSFER: CSU

RA-180 Work Experience Internship in Recording Arts

54-216 total hours
1-4 Units

PREREQUISITE: *In order to enroll in a Work Experience Education course, students must be employed, register for the course, complete an online Work Experience Education Application, and participate in a Work Experience Education orientation. Students may earn one unit for 54 hours work per enrollment period. Does not meet requirements for veterans' benefits. Work Experience Education Application can be accessed at <https://www.losmedanos.edu/cwee/>. Students may earn up to 14 units of Work Experience Education per enrollment period.*

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. The purpose of work experience education is to provide students with an integrated instructional program that provides opportunities to connect academic curricula to applied experiential learning in the workplace. Work experience education assists the student in developing career awareness, learning industry culture, competencies and norms, and developing professional networks in their desired field to support career mobility. To participate in work experience education, students must be employed and undertake new or expanded responsibilities. Students, with faculty and employer approval, will develop and Successfully complete learning objective(s). Each learning objective must be substantive in nature and linked in a way relevant to a student's educational pathway. See Work Experience Education website and student handbook for more information regarding variable unit registration based on hours worked. Work experience education courses may be repeated subject to Title 5 section 55040 SC

LMC: DA

TRANSFER: CSU

Sign Language

DEGREE—Associate of Arts
American Sign Language

CERTIFICATE OF ACHIEVEMENT
American Sign Language

ASSOCIATE OF ARTS DEGREE AMERICAN SIGN LANGUAGE

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.

REQUIRED COURSES:		UNITS
SIGN-050	Beginning American Sign Language I	5
SIGN-051	Beginning American Sign Language II	5
SIGN-052	American Sign Language III	5
SIGN-070	Fingerspelling 1	.5
SIGN-053	American Sign Language IV	5
SIGN-071	Fingerspelling II	.5
SIGN-072	Deaf Culture	3
TOTAL UNIT REQUIREMENT FOR THE MAJOR:		24
TOTAL UNITS FOR THE DEGREE:		60

Program Student 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.

CERTIFICATE OF ACHIEVEMENT AMERICAN SIGN LANGUAGE

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!

REQUIRED COURSES:		UNITS
SIGN-050	Beginning American Sign Language I	5
SIGN-051	Beginning American Sign Language II	5
SIGN-052	American Sign Language III	5
SIGN-070	Fingerspelling 1	.5
SIGN-053	American Sign Language IV	5
SIGN-071	Fingerspelling II	.5
SIGN-072	Deaf Culture	3
TOTAL UNIT REQUIREMENT FOR THE CERTIFICATE:		24

Program Student 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.

COURSE DESCRIPTIONS

SIGN-050 Elementary American Sign Language I

90 total hours lecture
5 Units

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. May not be repeated. SC

LMC: DA

TRANSFER: UC; CSU

SIGN-051 Elementary American Sign Language II

90 total hours lecture
5 Units

PREREQUISITE: SIGN-050 or 2 years of high school Sign Language

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. May not be repeated. SC

LMC: ADR: Arts and Humanities; Diverse Perspectives; DA

TRANSFER: UC; CSU; Cal-GETC Area 3B

SIGN-052 American Sign Language III

90 total hours lecture
5 Units

PREREQUISITE: SIGN-051

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. May not be repeated. SC

LMC: ADR: Arts and Humanities; DA

TRANSFER: UC; CSU; Cal-GETC Area 3B

SIGN-053 American Sign Language IV

90 total hours lecture
5 Units

PREREQUISITE: SIGN-052

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. May not be repeated. SC

LMC: ADR: Arts and Humanities; DA

TRANSFER: UC; CSU

SIGN-070 Fingerspelling I

9 total hours lecture, 9 total hours lab
.5 Unit

PREREQUISITE: SIGN-050

This course provides an introduction to the concentrated instruction in the expressive and receptive practice of beginning fingerspelling. May not be repeated. SC

LMC: DA

TRANSFER: CSU

SIGN-071 Fingerspelling II

9 total hours lecture, 9 total hours lab
.5 Unit

PREREQUISITE: SIGN-070

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. May not be repeated. SC

LMC: DA

TRANSFER: CSU

SIGN-072 Deaf Culture

54 total hours lecture
3 Units

PREREQUISITE: SIGN-051

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. May not be repeated. SC

LMC: DA

TRANSFER: UC; CSU

Social Justice Studies

DEGREE—Associate in Arts Degree for Transfer

African American Studies

Chicano/a Studies

LGBTQ Studies

ASSOCIATE IN ARTS**AFRICAN AMERICAN STUDIES FOR TRANSFER DEGREE**

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 Transfer Curriculum to prepare students to take upper division courses at a California State University and University of California.

To earn the Associate Degree for Transfer:

- Completion of 60 semester units or 90 quarter units of degree-applicable courses,
- Minimum overall grade point average of 2.0,
- Minimum grade of "C" (or "P") for each course in the major, and
- Completion of California General Education Transfer Curriculum (Cal-GETC)

REQUIRED COURSES:		UNITS
SJS-150	Introduction to Race & Ethnicity	3
SJSL-110	Introduction to Social Justice Studies	3
SJS -136	Introduction to Gender Studies	3
or		
ENGL-136	Introduction to Gender Studies	3
TOTAL UNITS FOR THE MAJOR		9

List A:

SELECT THREE COURSE FROM AT LEAST TWO OF THE FOLLOWING AREAS (9 UNITS)

AREA 1: ART AND HUMANITIES

HIST-055	History of Government	3
HIST-061	History of African-Americans Since 1865	3
HIST-037	History of Race and Ethnicity in the United States	3
HIST-047	History of Native Americans	3
HIST-052	Mexican American History	3
HIST-054	LGBTQ American History	3
HIST-056	History of American Women to 1877	3
HIST-057	History of American Women Since 1877	3
HIST-060	History of African-Americans to 1865	3
HIST-065	History of African Civilizations to 1800	3
HIST-066	History of African Civilizations since 1800	3
ENGL-133	Race, Ethnicity, and Gender in Popular Fiction and Film	3
ETHN-101	Introduction to Ethnic Studies	3
ETHN-102	Critical Thinking in Ethnic Studies	3
ETHN-103	Racial and Ethnic Justice Movements	3
ETHN-110	Introduction to Native American/Indigenous Studies	3
ETHN-111	Introduction to Chicanx Studies	3
ETHN-112	Introduction to Latinx Studies	3
ETHN-113	Introduction to Asian American & Pacific Islander Studies	3
ETHN-120	Sin Fronteras: Experiences on the Borderlands	3
ETHN-121	Critical Race Feminisms	3
ETHN-123	Statistical Methods for Ethnic Studies	3
TOTAL UNITS		9

AREA 2: ART AND HUMANITIES

ENGL-129	African American Literature	3
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AREA 3: SOCIAL STUDIES

ETHN-045	Introduction to Black Studies	3
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TOTAL UNITS FOR MAJOR: 24

TOTAL UNITS FOR DEGREE: 60

Program Student 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.

ASSOCIATE IN ARTS

CHICANO/A STUDIES FOR TRANSFER DEGREE

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:

- Completion of 60 semester units or 90 quarter units of degree-applicable courses,
- Minimum overall grade point average of 2.0,
- Minimum grade of "C" (or "P") for each course in the major, and
- Completion of California General Education Transfer Curriculum (Cal-GETC).

REQUIRED COURSES:		UNITS
SJS-110	Introduction to Social Justice Studies	3
SJS-150	Introduction to Race and Ethnicity	3
SJS-136	Introduction to Gender Studies	3
or		
SJS-135	Introduction to LGBTQ+ Studies	3
or		
ENGL-135	Introduction to LGBTQ+Studies	3
or		
ENGL-136	Introduction to Gender Studies	3
TOTAL UNITS		9

LIST A: SELECT THREE COURSE FROM AT LEAST TWO OF THE FOLLOWING AREAS:

AREA 1: HISTORY AND GOVERNMENT

HIST-052	Mexican-American History	3
ETHN-101	Introduction to Ethnic Studies	3
ETHN-103	Racial and Ethnic Justice Movements	3
ETHN-110	Introduction to Native American/Indigenous Studies	3
ETHN-111	Introduction to Chicanx Studies	3
ETHN-112	Introduction to Latinx Studies	3
ETHN-113	Introduction to Asian American & Pacific Islander Studies	3
ETHN-120	Sin Fronteras: Experiences on the Borderlands	3
ETHN-123	Statistical Methods for Ethnic Studies	3
HIST-037	History of Race and Ethnicity in the United States	3
HIST-047	History of Native Americans	3
HIST-054	LGBTQ American History	3
HIST-056	History of American Women to 1877	3
HIST-057	History of American Women Since 1877	3
HIST-060	History of African-Americans to 1865	3
HIST-065	History of African Civilizations to 1800	3
HIST-066	History of African Civilizations since 1800	3
TOTAL UNITS		6

AREA 2: ART AND HUMANITIES

ENGL-120	Introduction to Latino Literature and Its Latin American Roots	3
ENGL-121	Introduction to Chicano Literature	3
DRAMA-030	Chicano/a Mexican American Cinema: A Critical Analysis	3
ART-035	Themes in Mesoamerican Culture through Ceramics	3
ENGL-133	Race, Ethnicity, and Gender in Popular Fiction and Film	3
ETHN-121	Critical Race Feminisms	3
ETHN-102	Critical Thinking in Ethnic Studies	3
TOTAL UNITS		3

TOTAL UNITS FOR MAJOR: **18**

TOTAL UNITS FOR DEGREE: **60**

Program Student 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.

ASSOCIATE IN ARTS

LGBTQ STUDIES FOR TRANSFER DEGREE

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:

- Completion of 60 semester units or 90 quarter units of degree-applicable courses,
- Minimum overall grade point average of 2.0,
- Minimum grade of "C" (or "P") for each course in the major, and
- Completion of California General Education Transfer Curriculum (Cal-GETC).

REQUIRED COURSES:		UNITS
SJS-110	Introduction to Social Justice Studies	3
SJS-136	Introduction to Gender Studies	3
or		
SJS-135	Introduction to LGBTQ+ Studies	3
or		
ENGL-135	Introduction to LGBTQ+ Studies	3
or		
ENGL-136	Introduction to Gender Studies	3
TOTAL UNITS FOR THE MAJOR		9

List A: SELECT 3 COURSES FROM AT LEAST 2 OF THE FOLLOWING AREAS:

AREA 1: HISTORY AND GOVERNMENT

HIST-055	History of Government	3
HIST-037	History of Race and Ethnicity in the United States	3
HIST-047	History of Native Americans	3
HIST-052	Mexican American History	3
HIST-054	LGBTQ American History	3
HIST-056	History of American Women to 1877	3
HIST-057	History of American Women Since 1877	3
ENGL-133	Race, Ethnicity, and Gender in Popular Fiction and Film	3
ETHN-045	Introduction to Black Studies	3
ETHN-101	Introduction to Ethnic Studies	3
ETHN-102	Critical Thinking in Ethnic Studies	3
ETHN-103	Racial and Ethnic Justice Movements	3
ETHN-110	Introduction to Native American/Indigenous Studies	3
ETHN-111	Introduction to Chicanx Studies	3
ETHN-112	Introduction to Latinx Studies	3
ETHN-113	Introduction to Asian American & Pacific Islander Studies	3
ETHN-120	Sin Fronteras: Experiences on the Borderlands	3
ETHN-121	Critical Race Feminisms	3
ETHN-123	Statistical Methods for Ethnic Studies	3

AREA 2: ART AND HUMANITIES

ENGL-150	LGBT Literature	3
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AREA 3: SOCIAL SCIENCE

ECE/CHDEV-050	Teaching in a Diverse Society	3
PSYCH-014	Psychology of Human Sexuality	3
TOTAL UNITS		9

TOTAL UNITS FOR MAJOR: **18**

TOTAL UNITS FOR DEGREE: **60**

Program Student 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.

COURSE DESCRIPTIONS

SJS-110 Introduction to Social Justice Studies

54 total hours lecture
3 Units

ADVISORY: ENGL-C1000

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. May not be repeated. SC

LMC: ADR: *Diverse Perspectives; Social and Behavioral Sciences; DA*

TRANSFER: UC; CSU; Cal-GETC Area 4; C-ID SJS 110

SJS-135 Introduction to LGBTQ+ Studies

54 total hours lecture
3 Units

ADVISORY: ENGL-C1000

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. May not be repeated. SC

LMC: ADR: *Diverse Perspectives; Social and Behavioral Sciences*

TRANSFER: UC; CSU; Cal-GETC Area 4; C-ID SJS 130

SJS-136 Introduction to Gender Studies

54 total hours lecture
3 Units

ADVISORY: ENGL-C1000

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. May not be repeated. SC

LMC: ADR: *Diverse Perspectives; Social and Behavioral Sciences; DA*

TRANSFER: UC; CSU; Cal-GETC Area 4; C-ID SOCI 140

SJS-150 Introduction to Race & Ethnicity

54 total hours lecture
3 Units

(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. May not be repeated. SC

LMC: ADR: *Diverse Perspectives; Social and Behavioral Sciences; DA*

TRANSFER: UC; CSU; Cal-GETC Area 4; C-ID SOCI 150

Sociology

DEGREE—Associate in Arts Degree for Transfer
Sociology

ASSOCIATE IN ARTS SOCIOLOGY FOR TRANSFER DEGREE

The sociology major at Los Medanos College will provide students with an introduction to the field of sociology. This major will focus on the principles and theoretical perspectives of sociology. Students will be provided an opportunity to examine how sociological phenomena can influence social institutions and social behavior. The sociological examination of the various modes of inquiry will develop an awareness of the importance as well as the complexity of collecting and reporting research data.

To earn the Associate Degree for Transfer:

- Completion of 60 semester units or 90 quarter units of degree applicable courses,
- Minimum overall grade point average of 2.0,
- Minimum grade of “C” (or “P”) for each course in the major, and
- Completion of California General Education Transfer Curriculum (Cal-GETC)

REQUIRED COURSES:		UNITS
SOCIO-015	Introduction to Sociology	3
STATC-1000	Introduction to Statistics	4
SOCIO-016	Introduction to Social Problems	3
MAJOR LIST A - 6 UNITS		
SOCIO-012	Introduction to Marriage and Family	3
SOCIO-017	Introduction to Research Methods	3
MAJOR LIST B - 3 UNITS		
SJS-135	Introduction to LGBTQ+ Studies	3
or		
ENGL-136	Introduction to Gender Studies	3
SJS-150	Introduction to Race & Ethnicity	3
TOTAL UNITS FOR MAJOR:		19
TOTAL UNITS FOR DEGREE:		60

Program Student Learning Outcomes

1. Demonstrate an understanding of the major theoretical perspectives, concepts and research findings in the field of sociology.
2. Utilize critical thinking skills to analyze, evaluate and make decisions regarding current issues studied in the field of sociology.
3. Recognize the diversity of social, cultural and global perspectives.
4. Demonstrate knowledge of the principles of research and the ethical considerations involved in conducting research.
5. Understand how theoretical perspectives can explain both the causes and the solutions to social problems.

COURSE DESCRIPTIONS

SOCIO-012 Introduction to Marriage and Family

54 total hours lecture
3 Units

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. May not be repeated. SC

LMC: ADR: *Social and Behavioral Sciences*; DA

TRANSFER: UC; CSU; C-ID SOCI 130; Cal-GETC Area 4

SOCIO-015 Introduction to Sociology

54 total hours lecture
3 Units

ADVISORY: ENGL-C1000

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. May not be repeated. SC

LMC: ADR: *Social and Behavioral Sciences*; DA

TRANSFER: UC; CSU; Cal-GETC Area 4; C-ID SOCI 110

SOCIO-016 Introduction to Social Problems

54 total hours lecture
3 Units

ADVISORY: ENGL-C1000

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. May not be repeated. SC

LMC: ADR: *Arts and Humanities*; *Diverse Perspectives*; *Social and Behavioral Sciences*; DA

TRANSFER: UC; CSU Cal-GETC Area 4; C-ID SOCI 115

SOCIO-017 Introduction to Research Methods

54 total hours lecture

3 Units

PREREQUISITE: *SOCIO-015*

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. May not be repeated. SC

LMC: *ADR: Social and Behavioral Sciences; DA***TRANSFER:** *UC; CSU; Cal-GETC Area 4; C-ID SOCI 120***SOCIO-098 Independent Study in Sociology**

.5-3 Units

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. SC

LMC: *Independent study courses may be DA or transferable depending on specific course. See your counselor.***TRANSFER:** *Independent study courses may be DA or transferable depending on specific course. See your counselor.*

Spanish

DEGREE—Associate in Arts Degree for Transfer

Spanish

CERTIFICATE OF ACHIEVEMENT

Spanish

ASSOCIATE IN ARTS**SPANISH FOR TRANSFER DEGREE**

The Associate in 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:

- Completion of 60 semester units or 90 quarter units of degree-applicable courses,
- Minimum overall grade point average of 2.0,
- Minimum grade of "C" (or "P") for each course in the major, and
- Completion of California General Education Transfer Curriculum (Cal-GETC)

PROGRAM REQUIREMENTS:**UNITS**

SPAN-050	Elementary Spanish I	5
SPAN-051	Elementary Spanish II	5
SPAN-052	Intermediate Spanish I	5
or		
SPAN-057	Spanish for Spanish Speakers I	4
SPAN-053	Intermediate Spanish II	5
TOTAL UNITS FOR THE MAJOR		16

LIST A COURSES: SELECT ONE (3-4 UNITS):

DRAMA-030	Chicano/a Mexican American Cinema: A Critical Analysis	3
ENGL-120	Introduction to Latino literature and Its Latin American Roots	3
ENGL-121	Introduction to Chicano Literature	3
FRNCH-060	Elementary French I	5
FRNCH-061	Elementary French II	5
HIST-052	Mexican American History	3
ITAL-060	Elementary Italian I	5
SPAN-060	Exploring Latino Cinema: A Critical Analysis	3
TOTAL UNITS FOR THE MAJOR		21-25

TOTAL UNITS FOR THE DEGREE**60**

If a student who places out of any core courses(s) and is not awarded units for that course, the student will need to take additional units to compensate for the course/units required to reach at least 18 total units in the major. Suggested substitutions include courses in List A.

ADDITIONAL SUGGESTED COURSE SUBSTITUTIONS ARE LISTED BELOW: (option 2)

ANTHR-006	Introduction to Cultural Anthropology	3
ANTHR-008	Introduction to Anthropological Linguistics	3
DRAMA-030	Chicano/a Mexican American Cinema: A Critical Analysis	3
HIST-052	Mexican American History (1900 to Present)	3
SOCIO-015	Introduction to Sociology	3
SPAN-046	Spanish for the Professions	3
SPAN-047	Spanish for the Healthcare Professionals	3
COMM-150	Intercultural Communication	3

Program Student 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.

CERTIFICATE OF ACHIEVEMENT**SPANISH**

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. Similarly, the certificate give students the opportunity to show potential employers in this country and in other countries that the student has completed a certain number of courses in Spanish and prepares students with an intermediate to advanced knowledge of Spanish and familiarizes them with the culture of Spain and Latin America. Enrich your world view and learn one of the most widely spoken languages! Start your career in advertising or sales, become a Spanish teacher or work in multicultural education. Work as a travel agent, journalist or in business development management. Become bilingual and work in many service related fields earning a higher wage!

COMPLETE ALL OF THE FOLLOWING		UNITS
SPAN-052	Intermediate Spanish I	5
SPAN-053	Intermediate Spanish II	5
SPAN-050 OR SELECT ONE COURSE BELOW (TOTAL 3-5)		
SPAN-050 or SPAN-046	Elementary Spanish I	5
SPAN-047	Spanish for the Professions	3
SPAN-047	Spanish for Healthcare Professionals	3
SPAN-057	Spanish for Spanish Speakers I	4
SPAN-060	Exploring Latino Cinema: A Critical Analysis	3
SPAN-051 OR SELECT ONE COURSE BELOW (TOTAL 3-5)		
SPAN-051	Spanish for the Professions	3
SPAN-046	Spanish for the Professions	3
SPAN-047	Spanish for the Healthcare Professionals	3
SPAN-057	Spanish for Spanish Speakers I	4
SPAN-060	Exploring Latino Cinema: A Critical Analysis	3
TOTAL UNITS FOR THE DEGREE		16-20

Students who are eligible to enroll directly into Spanish 051 based on 2 years of high school coursework in Spanish may earn the certificate by taking 3 additional units from List A

Students who are eligible to enroll directly into Spanish 052 based on 3 years of high school coursework in Spanish may earn the certificate by taking 6 additional units from List A

Program Student 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.

COURSE DESCRIPTIONS**SPAN-046 Spanish for the Professions**

54 total hours lecture

3 Units

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. May not be repeated. SC

LMC: DA

TRANSFER: CSU

SPAN-047 Spanish for Healthcare Professionals I

54 total hours lecture

3 Units

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. May not be repeated. SC

LMC: DA

TRANSFER: CSU

SPAN-048 Spanish for Healthcare Professionals II

54 total hours lecture

5 Units

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. May not be repeated. SC

LMC: DA

TRANSFER: CSU

SPAN-050 Elementary Spanish I

90 total hours lecture
5 Units

A visual/oral/aural approach to understanding, speaking, reading, and writing Spanish as it is used in Mexico, Central/South America, Spain, and the Southwestern 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. May not be repeated. SC

LMC: ADR: Arts and Humanities; DA

TRANSFER: UC; CSU; C-ID SPAN 100

SPAN-051 Elementary Spanish II

90 total hours lecture
5 Units

PREREQUISITE: SPAN-050 or 2 years of high school Spanish

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. May not be repeated. SC

LMC: ADR: Arts and Humanities; DA

TRANSFER: UC; CSU; Cal-GETC Area 3B; C-ID SPAN 110

SPAN-052 Intermediate Spanish I

90 total hours lecture
5 Units

PREREQUISITE: SPAN-051 or 3 years high school Spanish

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. May not be repeated. SC

LMC: ADR: Arts and Humanities; DA

TRANSFER: UC; CSU; Cal-GETC Area 3B; C-ID SPAN 200

SPAN-053 Intermediate Spanish II

90 total hours lecture
5 Units

PREREQUISITE: SPAN-052 or 4 years high school Spanish

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. May not be repeated. SC

LMC: ADR: Arts and Humanities; DA

TRANSFER: UC; CSU; Cal-GETC Area 3B; C-ID SPAN 210

SPAN-057 Spanish for Spanish Speakers I

72 total hours lecture
4 Units

ADVISORY: SPAN-053; Spanish native speaker proficiency or the equivalent intermediate level as assessed by the instructor.

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. May not be repeated. SC

LMC: ADR: Arts and Humanities; DA

TRANSFER: UC; CSU; Cal-GETC Area 3B; C-ID SPAN 220

SPAN-098 Independent Study in Spanish

.5-3 Units

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. SC

LMC: Independent study courses may be DA or transferable depending on specific course. See your counselor.

TRANSFER: Independent study courses may be DA or transferable depending on specific course. See your counselor.

Speech

See Communication Studies.

Transfer Studies

CERTIFICATES OF ACHIEVEMENT

California General Education Transfer Curriculum
(Cal-GETC)

CERTIFICATE OF ACHIEVEMENT

California General Education Transfer Curriculum (Cal-GETC)

The Certificate of Achievement in Cal-GETC 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 CSU and UC general education transfer requirements. Although the certificate recognizes the completion of CSU and UC 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 Cal-GETC 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.

PROGRAM REQUIREMENTS	UNITS
Area 1:	English Composition 9-10
Area 2:	Mathematical Concepts and Quantitative Reasoning 4
Area 3:	Arts & Humanities 6
Area 4:	Social & Behavioral Sciences 6
Area 5:	Physical & Biological Sciences 7-10
Area 6:	Ethnic Studies 3

MINIMUM TOTAL UNITS FOR THIS CERTIFICATE	35-39

MAXIMUM UNITS FOR THIS CERTIFICATE	35-39

The Courses used to satisfy U.S. History, Constitution and American Ideals (6 units) may also be double counted in Area 4 or 3B.

Program Student Learning Outcomes (for both Certificates of Achievement)

1. Communicate effectively, both verbally and in writing.
2. 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.
3. 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.

4. 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.
5. Organize and present information in person in a logical and understandable manner.

Tutoring

COURSE DESCRIPTIONS

TUT-020N Supervised Tutoring

May vary

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. P/NP/SP

LMC: NC

UAS/Drone Operations Noncredit

CERTIFICATE OF COMPLETION NONCREDIT

Basic Drone Piloting

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)).

REQUIRED COURSES:		HOURS
DRONE-010N	Remote Pilot Certification Preparation	18
DRONE-012N	Basic Drone Piloting	72
Total Hours:		90

Program Student 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.

COURSE DESCRIPTIONS**DRONE-010N Remote Pilot Certification Preparation**

18 total hours

0 Units

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*

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.

P/NP/SP

LMC: NC

DRONE-012N Basic Drone Piloting

72 total hours

0 Units

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*

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. P/NP/SP

LMC: NC

DRONE-014N Applied Drone Piloting

90 total hours

0 Units

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*

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. P/NP/SP

LMC: NC

Welding Technology

DEGREE—Associate of Science

Welding Technology

CERTIFICATE OF ACHIEVEMENT

Welding Technology

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.

ASSOCIATE OF SCIENCE**WELDING TECHNOLOGY**

REQUIRED COURSES:		UNITS
WELD-010	Basic Arc Welding Theory	3
WELD-011	Basic Shielded Metal Arc Welding Practice	2
WELD-015	Basic Oxyacetylene Welding	2
WELD-016	Advanced Oxyacetylene Welding	1
WELD-020	Intermediate Shielded Metal Arc Welding Practice	2
WELD-021	Advanced Shielded Metal Arc Welding Practice	2
WELD-031	TIG Welding Practice	2
WELD-033	MIG Welding Practice	2
WELD-035	Blueprint Reading for Welders	3
WELD-040	TIG, MIG and FCA Welding Theory	3
WELD-041	Pipe Welding Practice	2
WELD-043	Flux-Core Arc Welding Practice	2
TOTAL UNITS REQUIRED IN MAJOR COURSES		26
TOTAL UNITS FOR THE DEGREE		60

Program Student 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.
4. Have a basic understanding how to solve common welding problems encountered in industry as well as reveal basic welding and cutting manipulative skills.

CERTIFICATE OF ACHIEVEMENT

WELDING TECHNOLOGY

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

REQUIRED COURSES:		UNITS
WELD-010	Basic Arc Welding Theory	3
WELD-011	Basic Shielded Metal Arc Welding Practice	2
WELD-015	Basic Oxyacetylene Welding	2
WELD-016	Advanced Oxyacetylene Welding	1
WELD-020	Intermediate Shielded Metal Arc Welding Practice	2
WELD-021	Advanced Shielded Metal Arc Welding Practice	2
WELD-031	TIG Welding Practice	2
WELD-033	MIG Welding Practice	2
WELD-035	Blueprint Reading for Welders	3
WELD-040	TIG, MIG and FCA Welding Theory	3
WELD-041	Pipe Welding Practice	2
WELD-043 and	Flux-Core Arc Welding Practice	2
COMPLETE THE FOLLOWING NUMBER OF CREDITS: 3-4		
BUS-160	Personal Finance	3
COMSC-060	Information Technologies	4
TOTAL UNITS REQUIRED FOR THIS CERTIFICATE		29-30

Program Student 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.
4. Have a basic understanding how to solve common welding problems encountered in industry as well as reveal basic welding and cutting manipulative skills.

COURSE DESCRIPTIONS

WELD-007 Metal Fabrication Technologies

10 total hours lecture, 54 total hours lab
1.5 Units

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, sheet metal projects, as well as numerous metalworking activities. A mandatory material fee of \$50 will be applied with this course. May not be repeated. LR

LMC: DA

TRANSFER: CSU

WELD-010 Basic Arc Welding Theory

54 total hours lecture
3 Units

ADVISORY: Concurrent enrollment in WELD-011

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. May not be repeated. SC

LMC: DA

TRANSFER: CSU

WELD-011 Basic Shielded Metal Arc Welding Practice

108 total hours lab
2 Units

ADVISORY: Concurrent enrollment in WELD-010

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. May not be repeated. LR

LMC: DA

TRANSFER: CSU

WELD-015 Basic Oxyacetylene Welding

18 total hours lecture, 54 total hours lab
2 Units

ADVISORY: WELD-010

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. May not be repeated. LR

LMC: DA

TRANSFER: CSU

WELD-016 Advanced Welding

54 total hours lab
1 Unit

PREREQUISITE: WELD-015

ADVISORY: WELD-010

This course covers advanced welding procedures. This course, to be taken after WELD-015 will provide additional practical experience in welding plate, sheet metal, 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. May not be repeated. LR

LMC: DA

TRANSFER: CSU

WELD-020 Intermediate Shielded Metal Arc Welding Practice

108 total hours lab
2 Units

PREREQUISITE: WELD-011

ADVISORY: WELD-010

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. May not be repeated. LR

LMC: DA

TRANSFER: CSU

WELD-021 Advanced Shielded Metal Arc Welding Practice

108 total hours lab
2 Units

PREREQUISITE: WELD-010; WELD-020

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. May not be repeated. LR

LMC: DA

TRANSFER: CSU

WELD-031 GTAW Welding Practice

108 total hours lab
2 Units

ADVISORY: WELD-010, WELD-015 or concurrent enrollment in WELD-040

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 various positions using several joint configurations. This course includes set-up, calibrating, adjusting, operating, and shutting down the equipment. May not be repeated. LR

LMC: DA

TRANSFER: CSU

WELD-033 GMAW Welding Practice

108 total hours lab
2 Units

ADVISORY: WELD-010, WELD-011 or concurrent enrollment in WELD-040

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 sheet metal and plate in all positions in various joint configurations. This course includes set-up, calibrating, adjusting, operating and shutting down the equipment. May not be repeated. LR

LMC: DA

TRANSFER: CSU

WELD-035 Blueprint Reading for Welders

54 total hours lecture
3 Units

ADVISORY: WELD-010, WELD-040

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. May not be repeated. LR

LMC: DA

TRANSFER: CSU

WELD-040 TIG, MIG and FCA Welding Theory

54 total hours lecture
3 Units

ADVISORY: *WELD-010*

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. May not be repeated. LR

LMC: *DA*

TRANSFER: *CSU*

WELD-041 Pipe Welding Practice

108 total hours lab
2 Units

PREREQUISITE: *WELD-021*

ADVISORY: *WELD-031*

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. May not be repeated. LR

LMC: *DA*

TRANSFER: *CSU*

WELD-043 Flux-Core Arc Welding Practice

108 total hours lab
2 Units

ADVISORY: *WELD-010, WELD-021 or concurrent enrollment in WELD-040*

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. May not be repeated. LR

LMC: *DA*

TRANSFER: *CSU*

WELD-100 Introduction to Industrial Technology and Trades

18 total hours lecture, 54 total hours lab
2 Units

This is a career exploration course for the industrial trades including: Appliance Repair, 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. May not be repeated. P/NP

LMC: *DA*

TRANSFER: *CSU*

Work Experience Education

COURSE DESCRIPTIONS

WRKX-170 Work Experience Education

54-216 total hours

1-4 Units

PREREQUISITE: *In order to enroll in a Work Experience Education course, students must be employed, register for the course, complete an online Work Experience Education Application, and participate in a Work Experience Education orientation. Students may earn one unit for 54 hours work per enrollment period. Does not meet requirements for veterans' benefits. Work Experience Education Application can be accessed at <https://www.losmedanos.edu/cwee/>. Students may earn up to 14 units of Work Experience Education per enrollment period.*

The purpose of work experience education is to provide students with an integrated instructional program that provides opportunities to connect academic curricula to applied experiential learning in the workplace. Work experience education assists the student in developing career awareness, learning industry culture, competencies and norms, and developing professional networks in their desired field to support career mobility. To participate in work experience education, students must be employed and undertake new or expanded responsibilities. Students, with faculty and employer approval, will develop and successfully complete learning objective(s). Each learning objective must be substantive in nature and linked in a way relevant to a student's educational pathway. See Work Experience Education website and student handbook for more information regarding variable unit registration based on hours worked. Work Experience education courses may be repeated subject to Title 5 Section 55040. SC

LMC: DA

TRANSFER: CSU

WRKX-180 Work Experience Internship

54-216 total hours

1-4 Units

PREREQUISITE: *In order to enroll in a Work Experience Education course, students must be employed, register for the course, complete an online Work Experience Education Application, and participate in a Work Experience Education orientation. Students may earn one unit for 54 hours worked per enrollment period. Does not meet requirements for veterans' benefits. Work Experience Education Application can be accessed at <https://www.losmedanos.edu/cwee/>. Students may earn up to 14 units of Work Experience*

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. The purpose of work experience education is to provide students with an integrated instructional program that provides opportunities to connect academic curricula to applied experiential learning in the workplace. Work experience education assists the student in developing career awareness, learning industry culture, competencies and norms, and developing professional networks in their desired field to support career mobility. To participate in work experience education, students must be employed and undertake new or expanded responsibilities. Students, with faculty and employer approval, will develop and successfully complete learning objective(s). Each learning objective must be substantive in nature and linked in a way relevant to a student's educational pathway. See Work Experience Education website and student handbook for more information regarding variable unit registration based on hours worked. Work experience education courses may be repeated subject to Title 5 section 55040 SC

LMC: DA

TRANSFER: CSU



4

Section

Appendices

LMC Administrators Emeriti

Alatorre, Arthur	Director of Student Services
Armour, Robin	Director of Admissions & Records
Carhart, John	President
Case, Chester H.	President
Cea, Jorge	Academic/Student Services Manager, Outreach
Cella, Barbara	Director of Marketing & Media Design
Chin, Stanley H.	President
Collins, Charles	Dean of Humanistic Studies
Cromer, Lyla	Assistant Dean of Health Sciences
Custodio, Vince	Dean of Behavioral Science
Cutler, Bruce	Vice President, Administrative Services
Donatelli, A. Don	Director of Learning Resources
Garcia, Peter	President
Goodin, Ruth	Senior Foundation Director
Hannum, Natalie	Vice President of Instruction
Henry, Daniel	Vice President
Holt, Russell	Director of Maintenance & Operations
Johnson, Thayer	Director of Admissions & Records
Kamath, Kiran	Senior Dean of Planning & Institutional Effectiveness
Kester, William	Vice President of Academic & Student Affairs

LMC Faculty Emeriti

Alexander, Kenneth	Art
Arenivar, Olga	Speech
Austin, Barbara	English
Bachmann, Nancy	Music
Bank, Judith	English
Baskin, Shirley	Counseling
Bent, Joanne	Nursing
Biles, Lorraine Leith	Physical Education
Boisvert, Kate	Astronomy
Bolds, Edwin H.	Librarian
Bonner, Jeanne	Physics
Boschetti, Van	Physical Education
Boucher, Gail	Anthropology
Brown, Brendan	Mathematics
Cabral, Scott	Astronomy
Cameron, Jasper C.	English
Campis, Carmen	Business
Castillo-Alward, Sandra	Nursing
Cecchini, Eva	Nursing
Cesa, Margaret	English
Clark, Spencer	Electronics
Clarke, Milton	Political Science
Coats, Elisabeth	Nursing
Corioso, April	Librarian
Corlew, Curtis	Art/Journalism
Crouch, William R.	Nursing
Cutino, Paul	Emergency Medical Services
Davis, Jerry W.	Biological Science
DeAnda, Natividad	Counseling
DeStefano, Jill	Mathematics
Doob, Peter	Mathematics
Dorritte, Frank	Recording Arts
Duggan, Curtis J.	Business
Fisher, Dorothy	Counseling
Fracisco, William	Counseling
Frates, Jeffrey	Computer Science
Gallup, Terry	Nursing
Garfield, Leo	Administration of Justice
Glennon, James	Administration of Justice
Goldstein, Barry	Business

Knott, Veronica	Senior Dean of Occupational Education
Livingston, Richard	Senior Dean of Instruction
Maynes, Lindy	Executive Director, LMC Foundation
McDonald, Diana	Dean of Occupational Education
McKeown, Joseph	Assistant Dean of Administration of Justice
McNulty, James	Buildings & Grounds Manager
Medlinsky, David	Career Development Manager
Newman, Gail	Senior Dean of Student Services
Nielsen, Kathryn	Director of Early Childhood Laboratory
Rodriguez, Gil	Dean of Liberal Arts & Sciences
Skapura, Robert	Senior Dean of Instructional Technology
Skeen, Esther	Police Services Lieutenant
Smith, Sandra	Director of Business Services
Taylor, Jim	Buildings & Grounds Manager
Torres, Felipe	Director of Special Programs
Wahl, David	Program Manager
Wehrmeister, Chad	Police Services Lieutenant
Williams, Carlton	Dean of Social and Economic Studies
Wilson, Glenn	Custodial Manager
Ybarra, Nancy	Dean of Liberal Arts

Gonzales, Pablo	English
Gottlieb, Phillip	Counseling
Hagelin, Christine	Biological Science
Hansen, Paul	Biological Science
Harmon, Lorne	Administration of Justice
Hawkes, Debra	Nursing
Henderson, Silvester	Music
Herman, Mel	Nursing
Hiltbrand, Joellen	English
Hobbs, JoAnn	English
Hsieh, Durwynne	Biological Science
Hunnicut, Dora B. (Jane)	Geography
Jacobs, Stan J.	Language Arts
Janet, Donal	Computer Science
Johnson, Jeff	Art
Johnson, Sharon	Nursing
Jorgensen, Diane	Administration of Justice
Juarez, Angel	Chemistry
Kaiper, Don	History
Karp, Marie	Counseling
Kishi, Thais	Psychology
Leung, Shirley	Business
Lewis, Mark	Biological Science
Lisle, Chappie	Physical Education
Lynch, Barbara	Computer Science
Malone, Susanne	Nursing
Maltester, John	Music
Marino, Ofelia	Psychology/Counseling
Marshall, Robert H.	Economics
Matthews, Jeffrey Mitchell	English/LGBT Studies
Maxey, Charles	Appliance Service Technology
McCaughy, Cathy	Nursing
McCluskey, William F.	Business
McDaniel, Nancy	Nursing
McDowell, Colin	Nursing
McKnight, Don	Computer Science
Miller, Michael J.	Automotive & Engine Technology
Moore, Harold	Management
Murray, Eva	Nursing
Nakaji, Dave	Physics

LMC Faculty Emeriti (continued)

Nakaji, Karen	English
Nash, Brad	Business
Norris, Michael	Mathematics
Nuxoll, Mary Jo	Nursing
O'Brien, Julie	Nursing
Ochoa, Andres	Welding
Olsen, Janet	Business
Ortiz, Earl	Automotive Technology
Pearman, Elizabeth	Business
Perfumo, Pamela	Child Development
Perry, Josephine	English/Drama
Poku, Kwadwo	Mathematics
Potter, Wayne	Welding
Price, Leonard	Appliance Service Technology
Puccioni, Madeline	English
Ramirez, Daniel	Philosophy
Rodriguez, Carmen	Social Science
Sample, Alexander	Sociology
Sansen, Oliver	Administration of Justice
Schweickert, Mitch	Chemistry
Shaffer, Harriet K.	Child Development
Shrieve, Elizabeth	Nursing
Siino, Hope J.	Business
Simpson, Linda	Librarian
Smith, Clayton	Computer Science
Smith, Erma	Psychology
Smith, Gerry	Music
Smith, Stanley E.	Music
Speer, Denise	Biological Science
Starsiak, Mary Jo	Health Science
Stein, Jeannine	Mathematics
Stewart, Janhavi	Nursing
Strain, Tom	Physical Education
Sysum, Robert L.	Welding
Thomas, Gary (Skip)	Physical Education
Townsend, Janice	Child Development
Trapp, G. Louis	Drafting
Tsuji, Muriel	Nursing
Wagener, J. Patrick	Mathematics
Whitman, Nancy	Spanish
Willett, Kathleen	Biological Science
Yamakoshi, Lois	Mathematics
Yeoman, Eric B.	Natural Science
Zilber, Michael	Music
Zimny, David	Political Science
Zipkin, Naomi	Child Development

LMC Full-Time Faculty & Administrators

Adina, Nila	Counselor (Articulation & General Counselor)
B.S., B.A., University of California, Davis; M.A., California Polytechnic State University	
Adkins, Theodora	Business
B.A., California State University, East Bay	
Almassey, Nicole	Program Manager - Outreach & Welcome Services
B.S., University of California, Davis; M.B.A., California State University, Sacramento	
Anicetti, Rachel	Academic/Student Services Manager - Transfer & Career Services
B.A., University of California, Santa Cruz; M.S.W., California State University, East Bay	
Arcidiacono Kaufman, Marie	Speech Communication
B.A., M.A., California State University, East Bay	
Armendariz, Rosa	Senior Dean, Diversity, Equity, Inclusion & Belonging
B.A., Stanford University; Ed.D., Saint Mary's College of California	
Bankhead, Bill	Program Manager - Workforce & Economic Development
B.A., University of Oregon Clark Honors College; M.B.A., Brandman University	
Beal, Tawny	Management
B.S., University of California, Berkeley; M.S., University of Oxford; Ed.D., Saint Mary's College of California	
Belman, David	Dean of Student Success
B.A., M.A., University of the Pacific	
Benford, Jeffrey	Dean of Counseling & Student Support
B.A., Morehouse College; M. Div., Interdenominational Theological Center	
Berryhill, Katie	Astronomy
B.A., University of Pennsylvania; M.S., University of North Dakota; Ed.D., University of Wyoming	
Blakeley, Anthony	Emergency Medical Services (EMS)
A.S., Los Medanos College	
Bluford, Cameron	Librarian
B.A., California State University, Sacramento; M.A., San Jose State University; M.A., California State University, Sacramento	
Bouchard, Jill	Biological Science
B.S., University of California, San Diego; Ph.D., University of California, San Francisco	
Briggs, Francesca	Engineering
B.S., M.S., Politecnico di Bari, Italy; M.S., University of Washington	
Caldwell, Tselane	English
B.A., M.A., University of California, Berkeley	
Capes, Melinda	Chemistry
B.S., California State University, San Marcos; Ph.D., University of Maryland School of Medicine	

Casey, Juliet	Director of Marketing & Media Design
B.A., University of New Mexico	
Chuah, Cheong	Music
B.A., Berklee College of Music, Boston; M.A., Ph.D., University of Miami	
Clark, Jordan	Mathematics
B.S., Morehouse College; M.A., University of Georgia	
Cohen, James	Mathematics
B.A., University of California , Berkeley; M.A., Washington University	
Collins, Linda	Philosophy
B.A., University of Colorado, Boulder; M.A., University of California, Berkeley	
Coronado Barraza, Victor	Spanish
B.A., M.A., California State University, Sacramento	
Costanza, Elizabeth	Counselor
A.A., & A.S., Los Medanos College; B.A., Saint Mary's College of California; M.S., San Francisco State University	
Craig-Huddleston, Carissa	Academic Student Services Manager
A.A. Pima Community University College; B.A., Northern Arizona University ; M.A., Touro University	
Crowder, Kurt	Engineering/Physics
B.S., Massachusetts Institute of Technology (MIT); M.S., Ph.D., University of California, San Diego	
Cruz, William	Manufacturing Technology
B.E., The Cooper University on School of Engineering; M.E., University of Virginia	
Darogheha, Sepideh	Mathematics
B.S., Tehran University; M.A., California State University, East Bay	
Davi, Estelle, R.	Psychology
B.A., M.A., San Francisco State University	
Dearman, Jason	Automotive Technology
A.S., Los Medanos College	
Domenichelli, Derek	Physical Education
B.S., California State University, East Bay; M.S.S., US Sports Academy	
Dove, Nicole	Counselor
B.A., University of California, Davis; M.A., Saint Mary's College; M.A., Arizona State University	
Earls, Tanya	Vocational Nursing
B.S.N., Dominican University; M.S.N., Holy Names University	
Erwin, Roseann	Librarian, Brentwood
B.A., California State University, Monterey Bay; M.L.I.S., San Jose State University	
Estrada, Robert	Bookstore Manager
B.A., University of California, Berkeley	
Fantuzzi, Angela	Director of Early Childhood Lab School
B.A., Pontifical Catholic University of Chile; M.A., California State University, East Bay	
Finnigan, Jennifer	American Sign Language
B.A., California State University, Fresno; M.A., Gallaudet University	
Franco, Dennis	Dean of Career Technical Education & Workforce Development
B.A., University of San Francisco; M.A., John F. Kennedy University	
Garcia, Nicholas	Drama
B.A., Adams State College; M.F.A., University of Iowa	
Gesink, Dann	Welding Technology
A.A.S., Kalamazoo Valley Community College	
Ghiselli, Nina	DSPS Counselor
B.A., University of California, Berkeley; Psy.D., Alliant International University	
Giambattista, Louie	Computer Science
A.A., City College of San Francisco; B.A., University of California, Berkeley; M.B.A., Southern Methodist University	
Godinez, Marco	Counselor
A.A., Los Medanos College; B.A., California State University, East Bay; M.A., John F. Kennedy University	
Goff, Christina	Librarian, Instructional
B.A., California State University, Sonoma; M.S., Simmons College	
Gonzalajec, Nidia	Mathematics
A.A., Santa Ana Community College; B.A., University of California, Berkeley; M.S., California State University, East Bay	
Gravert, Dennis	Chemistry
B.S., Santa Clara University; Ph.D., Stanford University	

Green, LD	English
B.A., Vassar College; M.F.A., Mills College	
Grillo, A. Michael	Fire Technology
B.S., California State University, Long Beach	
Guclu, Ozlem	Mathematics
B.S., A.K. University; M.Ed., Stanford University; M.S., California State University, East Bay	
Guerrero-Gonzalez, Julio	Mathematics
B.A., University of California, Davis; M.S., California State University, Northridge	
Gunder, Paula	ESL
B.A., University of Washington; M.A., Monterey Institute of International Studies; Ph.D., University of Arizona	
Hagberg, Maria Esperanza	Nursing
A.A., A.S., Los Medanos College; B.S.N., M.S., Grand Canyon University	
Hailey, Anthony	Administration of Justice
B.A., University of the State of New York; M.A., San Jose State University	
Hall, Rikki	Director of Admissions and Records
A.A., Los Medanos College; B.A., California State University, East Bay; M.A., Sacramento State University	
Hanks, Roy Kyle	Biological Science
B.S., Duke University; M.D., Duke University School of Medicine	
Haven, Edward	Philosophy
A.A., Sierra Community College; B.A., University of California, Riverside; M.A., University of Chicago	
Herrera, Rhodora	Bookstore Supervisor
A.A., Diablo Valley College	
Hicks, Maryanne	Associate Dean, Nursing & Allied Health
B.S.N., San Juan De Dios College, Philippines; M.S.N., University of Phoenix	
Hiscocks, Ryan	Political Science
B.A., M.A., California State University, Long Beach	
Holcombe, Jarrod	Director of Maintenance & Operations
B.B.A.; University of Massachusetts	
Hubbard, Scott	Mathematics
B.A., Sonoma State University; M.A., Wake Forest University	
Huddleston, Ryan	Lieutenant - Police Services
None Listed	
Huffman, Laurie	Spanish
B.A., California State University, Sacramento; M.A., California State University, East Bay	
Johnson, Scott	Mathematics
B.A., University of Washington	
Jones, Erlinda	Child Development
B.A., Stanford University; M.A., San Francisco State University	
Kamkar, Leila	Nursing
M.S., Oklahoma State University; M.S., Purdue University Global	
Karahroudy, Ali	Computer Science
B.S., IAUT; M.S., East Carolina University	
Landers, Mara	Mathematics
B.A., Swarthmore College; M.A., Ph.D., University of California, Berkeley	
Lapriore, Marcella	English
B.A., University of Arizona; M.A., California State University, East Bay	
Lares Boyle, Jessica	Counselor (Puente)
M.A., San Jose State University; B.A., San Francisco State University	
Lindgren, Haydee	DSPS Counselor
B.A., California State University, Fullerton; M.S., San Francisco State University	
Lugani, Shalini	Economics
B.A., M.A., University of Delhi; M.A., Jawaharlal Nehru University; Ph.D., University of Georgia	
Lynn, Morgan	English
B.A., Mount Holyoke College; M.Ed., Boston University; M.A., San Francisco State University; Ph.D., University of Massachusetts	
Mack, Michelle	Counselor (Athletics)
B.A., California State University, Sacramento; M.A., San Jose State University	
Madden, James	Biological Science
B.S., M.S., Florida Institute of Technology	

Magante, Maria	Mathematics
B.A., M.S., San Francisco State University	
Maxwell, Tanisha M.J.	Vice President of Student Services
B.A., Arizona State University; M.A., University of Missouri-Columbia; Ph.D., Arizona State University	
Mayo, Candice	English
B.A., M.A., California State University, East Bay	
McCarthy, Briana	Biological Science
B.S., University California , San Diego; M.S., San Francisco State University	
McGrath, Cynthia	Journalism
B.A., University of Massachusetts; M.S., San Jose State University	
Mendewala, Benaz	Biological Sciences
M.S., P.H.D., University of California Merced	
Meyer, Joseph	Welding Technology
A.S., College of San Mateo; B.S., California Polytechnic State University	
Mitchell, Caitlin	English
B.A., Saint Mary's College of California; M.A., Mills College	
Montoya, Carlos	Vice President of Business & Administrative Services
B.A., University of California, Davis; M.P.S., Penn State University; Ed.D., University of Southern California	
Moore, Patrice	Nursing
A.S., Los Medanos College; B.S., San Diego Christian College	
Moore, Robert	Physics
B.S., California Polytechnic State University; M.S., University of California, Los Angeles	
Morales, Luis	Counselor (Honors & General)
A.A., Contra Costa College; B.A., California State University, East Bay; M.A., John F. Kennedy University	
Nabas, Nicholas	Art History & Humanities
B.A., University of California, Davis; M.A. University of California, Davis	
Noel, Jill	English
B.A., California State University, Fresno; M.A., California State University, Sacramento	
Nogarr, Aprill	English
B.A., M.A., University of California, Davis;	
Nourizadeh, Shane	Biological Science
B.S., Ph.D., University of California, Santa Barbara	
Olgin, George	English
B.A., California State University, Sacramento; M.A., Northern Arizona University	
Oranje, Tammy	Director of Financial Aid
A.S., Los Medanos College; B.S., Ashford University	
Osburn, Randi	Child Development
B.A., California State University, Stanislaus; M.A., University of Phoenix	
Padilla-Wilson, Liana	Anthropology
B.A., Saint Mary's College of California; M.A., Arizona State University	
Padilla, Eva	ESL Counselor
B.A., University of California, Santa Cruz; M.S., California State University, Los Angeles	
Pedersen, Russell	Electromechanical Technology
A.S., Heald College	
Pedersen, Ryan	Senior Dean of Planning & Institutional Effectiveness
B.A., B.S., University of the Pacific; M.S., University of Colorado; M.B.A., Brandman University	
Perrone, Maria	Mathematics
B.S., M.S., Catholic University, Brescia, Italy	
Pon, Melissa	Counselor (MESA/STEM)
B.A., University of California, Irvine; M.S., California State University, Long Beach	
Quesada, Jose	Electromechanical Technology
C.O.A., Los Medanos College	
Ralston, Coleen	Physical Education
B.S., California State University, San Francisco; M.S., California State University, East Bay	
Ralston, Pamela	President
B.A., University of Oregon; M.A., Ph.D., University of Washington	
Ramirez, Sophia	Counselor
B.A., M.S., San Francisco State University; Ed.D., University of San Francisco	

Ramos, Diwa	Mathematics
B.S., University of the Philippines; M.Ed., Bowie State University	
Reyes, David	Counselor (Transfer)
B.A., University of California, San Diego; M.S., San Francisco State University	
Richards, Virginia	Manager of Disability Support Services
B.A. University of California , Irvine; M.A., Chapman University	
Rickman, Jancy	Biological Science
B.S., Emerson College; M.A., San Francisco State University	
Riley, Linda	Nursing
B.S., M.S., California State University, East Bay	
Rose, Rudolf	Counselor
B.A., University of California, San Diego; M.A., Saint Mary's College of California	
Rust, Tue	Mathematics
B.A., University of California, Berkeley; M.S., San Jose State University	
Saito, Jennifer	Mathematics
B.A., M.A., University of California, Berkeley	
Sanchez, Eric	Art
B.F.A., California State University, East Bay; M.F.A., San Francisco State University	
Sanders, Tara	Director of College Advancement
B.A., University of Redlands ; M.A., California State University, Chico	
Sandy, Zine	Custodial Manager
B.A., University of Literature and Human Sciences, Tunsia ; M.A., National School of Architecture & Urban Design	
Schall, John	Graphic Arts
B.A., San Jose State University; B.F.A., California College of the Arts	
Simone, Adrianna	Social Justice Studies & Ethnic Studies
B.A., Dominican University; M.A., California State Polytechnic University, Humboldt ; Ph.D., University of California, Santa Barbara	
Sison, Girlie	Chemistry
M.A., California State University, Sacramento; Ph.D., Virginia Polytechnic Institute and State University	
Smith, A'kilah	Vice President of Instruction
B.S., Spelman College; M.S., Howard University; Ed.D., Saint Mary's College of California	
Snell, Myra	Mathematics
B.A., University Texas-Austin; M.A., University of California, Berkeley	
Snow, Lucy	Art
B.S., Tufts University; M.F.A., University of California, Berkeley	
Steers, Star	Communication Studies
M.A., San Francisco State University	
Sterling, Alex	English
B.A., Macalester College; M.A., Purdue University; M.A., California State University, East Bay	
Storti, Martin	Athletic Director
B.S., M.A., Saint Mary's College of California	
Stricker, Matthew	Mathematics
B.S., University of the Pacific; M.A., Texas A&M University	
Tharchin, Jinpa	Fiscal Services Manager
B.A., Nagarjuna University, India	
Torres, Phillip	Automotive Technology
A.S., Los Medanos College	
Toruno-Conley, Sara	English
B.A., California State University, San Marcos; M.F.A., University of California, Riverside	
Trager, Nicole	Dean of Mathematics & Sciences
B.S., Point Loma Nazarene University; Ph.D., Medical University of South Carolina	
Trujillo, John (Max)	Ethnic Studies
B.A., The University of Texas, El Paso; M.A., San Francisco State University	
Villegas, Richard	Physical Education
B.S., California State University, San Bernardino	
Von Bergen, Julie	Mathematics
B.A., University of California, San Diego; M.A., San Francisco State University; M.A., University of California, Berkeley	
Warfe, Scott	English
B.A., M.A., California State University, Fullerton	

Watkins, Faith	Counselor (Umoja)
B.S., Southern University; M.A., Holy Names University	
Weed, Jeremy	Nursing
B.A., University of California, Berkeley; M.S., University of San Francisco	
Welter, Tiffany	Counselor (Career Pathways)
B.A., Washington State University; M.S.W., San Francisco State University	
Wentworth, Kimberly	Librarian, Electronic Resources
B.S., Clemson University; M.L.I.S., San Jose State University	
West, Brittney	Counselor (High School Pathways)
A.A., College of Alameda; B.A., California State University, East Bay; M.A., San Jose State University	
Wheeler, Melissa	Biological Science
M.D., Columbia University; B.S., Stanford University	
Wilkins, Penny	Business
A.A., Chabot Community College; B.A., M.A., D.M., University of Phoenix; M.S., California State University, East Bay	
Wolf, Von	Math
B.A., Western Governors University	
Wright, Sharlice	Counselor
B.A., Sonoma State University; M.S., California State University, Sacramento	
Zhu, Yongmin	English/ESL

LMC Classified Professionals

Adams, Jennifer	Senior Executive Assistant
Avery, Lisa	Admissions & Records Assistant Senior
B.S., University of Southern California; M.P.A., California State University, Long Beach	
Baskin, Deborah	Financial Aid Specialist
A.A., Los Medanos College; B.A., California State University, East Bay; M.A., Saint Mary's College of California	
Benzler, Sylvia	Administrative Assistant III
A.A., Los Medanos College; A.A.S, Nassau Community College; B.S., California State University, East Bay	
Bhatnagar, Sandhya	Science Lab coordinator, Senior
B.S., Isabella Thoburn College; M.S., Indian Institute of Technology	
Biggs, Glen	Grounds Worker II
Braggs, Marlan	Custodian II
Bransford, Michael	Maintenance Mechanic, Lead
Bui, Beverly	Financial Aid Scholarship Program Specialist
B.A., University of California, Berkeley	
Calderon, Erik	Police Services Officer
Calvin, Clinton	Custodian, Lead
Carreon, Tamara	Financial Aid Specialist, Lead
B.M., University of Miami	
Casebeer, Owen	Computer & Network Technician
B.S., California State University, East Bay	
Chapman, Eloine	Senior Web Administrator
A.S., Los Medanos College	
Clay, Aaron	Equipment Maintenance Worker
Crain, Myles	Senior Math Laboratory Coordinator
B.S., University of Oregon; M.S., Oregon State University	
Delgado, Robert	Program Coordinator, Senior
A.S., Los Medanos College	
Diaz-Galarza, Christian	Program Assistant
B.A., San Jose State University	
Diaz-Galarza, Nicholas	Program Coordinator
B.A., Southern New Hampshire University	
Diputado, Courtney	Technology Training & Development Coordinator
B.A., La Sierra University; M.L.I.S., Wayne State University	
Duldulao, Abigail	Administrative Assistant III
Edwards, Raymond	Custodian II
Enea, Sebastian	Instructional Assistant
Esparza, Liz	Disabled Student Programs and Services Assistant

Espinda, Jeanette	Financial Aid Assistant I
Faridehrani, Surosh	Vocational Equipment Assistant
Fay, Jenifer	Senior Science Laboratory Coordinator
B.A., California State University, Sonoma	
Fissore, Ashley	Early Childhood Education Specialist
B.A., Bradman University	
Frazier, Sharonda	Administrative Assistant III
Garces, Lucia	Admissions & Records Assistant I
B.A., California State University, East Bay	
Garcia, Jennifer	Instructional Assistant
A.A., Los Medanos College	
Golston, Gregory	Maintenance Mechanic
Gomes, Nicole	Program Coordinator - NEXTUP
Gong, Danny	Computer & Network Specialist
B.S., San Jose State University;	
Green, Kelly	Senior Program Coordinator
B.A., California State University, Fresno; M.S., National University	
Greene, Letta	Program Coordinator, Senior
B.A., University of California, Riverside	
Gregory, Irma	Administrative Assistant, Senior
A.S., Diablo Valley College; B.S., M.A., Moscow Pedagogical State University	
Gutierrez, Walter	Building Maintenance Worker
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Kolthoff, James	Computer & Network Specialist
A.A., A.S., Los Medanos College; B.S., California State University, East Bay	
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Nanzad, Tuvshindelger	Science Laboratory Technician
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B.A., San Jose State University; M.A., San Jose State University	
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A.A., A.S., Contra Costa College	
Reyes, Cesar	Laboratory Coordinator, Senior - Art/Drama/Journalism
B.A., San Diego State University, M.F.A., University of Idaho	

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B.S., Grambling State University	
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Rodriguez, Melina	Program Coordinator
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B.S., Washington University, St. Louis	
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A.A., Diablo Valley College	
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B.A., San Jose State University	
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Stender, Melissa	Administrative Assistant III
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Young, Pierce	Financial Aid Assistant I

Produced by the LMC Department of Marketing & Media Design

Los Medanos College has made every reasonable effort to determine that information stated in this catalog is true and correct. Courses and programs offered, together with other matters contained herein, are subject to change without notice by the administration of Los Medanos College for reasons related to student enrollment, level of financial support, or for any other reason at the discretion of the Contra Costa Community College District and the College. The District and the College further reserve the right to add to, amend or repeal any of their rules, regulations, policies, and procedures consistent with applicable laws.

This catalog is supplemented by the Schedule of Courses, which is published each term and provides updated information about courses, services, policies and procedures.

Los Medanos College Campus Directory

PITTSBURG CAMPUS (925) 439-2181

BRENTWOOD CENTER (925) 513-1625



DEPARTMENT	LOCATION	PHONE	ADMINISTRATION	PHONE
Admissions & Records Office	SS3-301	473-7500	OFFICE OF THE PRESIDENT	President 473-7301
Athletic Programs	KAC	473-7755		
Bookstore - Pittsburg	SU 134	473-7543		
Bookstore - Brentwood	BRT 414	392-9066	OFFICE OF INSTRUCTION	Vice President of Instruction 473-7401
Brentwood Center		513-1625		
CalWORKs/CARE Office	SS4-417	473-7482		
Cashier's and Payment Office	SS3-308	473-7502	OFFICE OF STUDENT SERVICES	Vice President of Student Services 473-7421
Center for Academic Support	CO-300	473-7590		
Child Study Center		473-7640		
Cooperative Work Experience Education & Workforce Development Programs	CC3-371	473-7415 473-7417		
Counseling Appointments	SS4-400	473-7449		
Disabled Students Programs & Services (DSPS)	SS3-321	473-7471	Live in LMC apparel!	
Extended Opportunity Programs & Services (EOPS)	SS4-414	473-7480		
Financial Aid	SS3-309	473-7525	LMC BOOKSTORE (925) 473-7543 BEST PRICES, QUALITY SERVICE	
Foundation Office	SS3-302	473-7315		
Guided Self-Placement	Online Only	473-7486	FOR ALL YOUR CAMPUS NEEDS New, used and rental textbooks, school supplies, electronics & batteries, gifts, cards, and a wide variety of food, beverages and LMC logo merchandise.	
Information Technology		473-7767		
Library Services	L-117	473-7570 473-7575	Regular Store Hours Visit the Bookstore website for current hours of operation	
Music and Recording Arts	MU3-712	473-7805		
New Student Workshops	SS3-320	473-7434	We accept cash, Visa and Mastercard. Personal checks are not accepted. ATM located in bookstore.	
Police Services/Lost and Found Emergency Line	CS	473-7332 473-3333		
Scholarship Information	SS3-309	473-7349	Bookstore profits support students! www.losmedanos.edu/bookstore	
Student Life	SU 231	473-7047		
Student Retention & Support	SS3-419	473-7483		
Transfer & Career Services Employment Center On-Campus Job Placement	SS4-435	473-7444 473-7515		
Veterans Resource Center	CC3-821	473-7511		
Information Desk	SS3-320	473-7434		



Scan QR code or visit
www.losmedanos.edu/directory
for entire directory.

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.

Cal-GETC

The California General Education Transfer Curriculum (Cal-GETC) is the singular general education pathway for California Community College (CCC) students to fulfill lower-division general education requirements necessary for transfer and admission to both the California State University (CSU) and the University of California (UC). The curriculum and its policies are overseen by the Intersegmental Committee of the Academic Senates (ICAS), representing faculty from California's three segments of public higher education.

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.

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.

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.

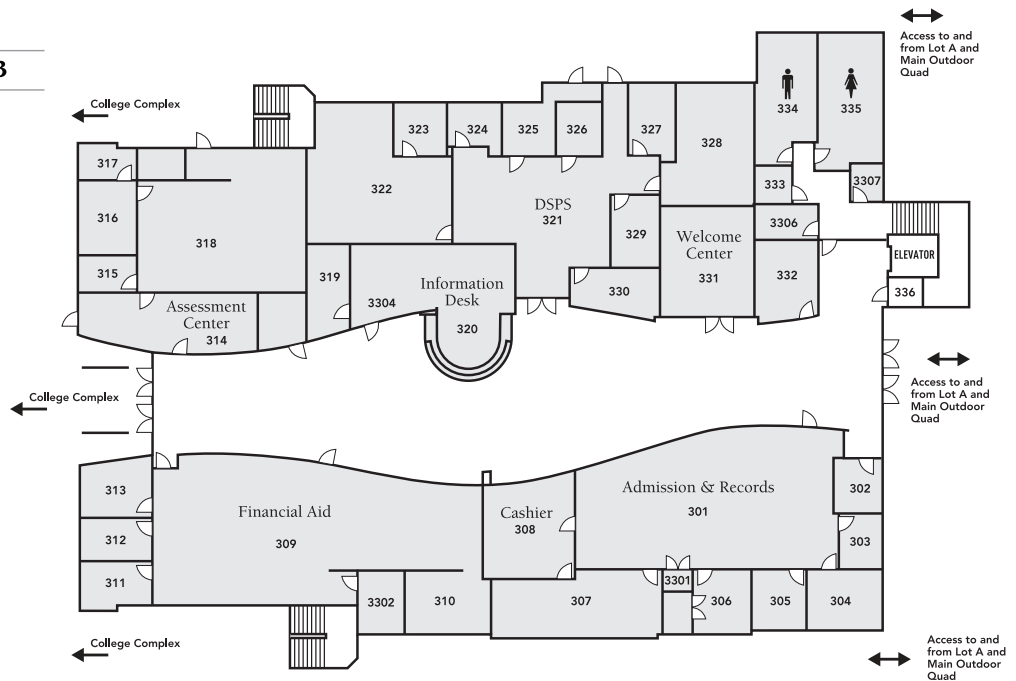
LMC'S STUDENT SERVICES CENTER

Our one-stop service center - BUILT FOR YOUR SUCCESS

SS3

Student Services Level 3

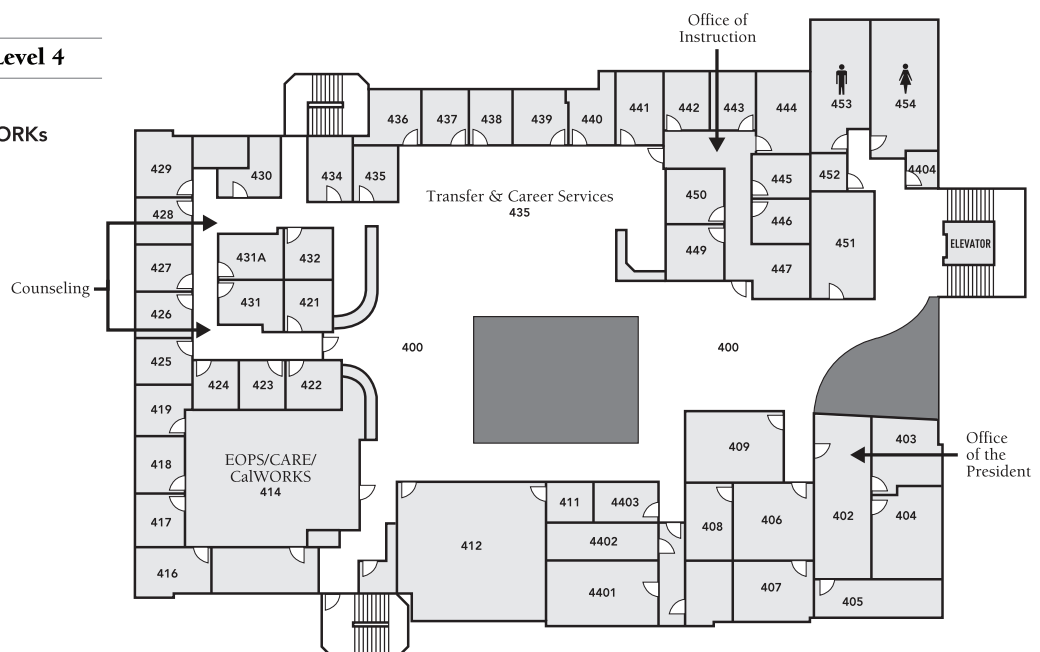
Admissions & Records
Assessment Center
Cashier
DSPS
Financial Aid
Information Center
Welcome Center



SS4

Student Services Level 4

Counseling
EOPS/CARE/CalWORKs
Transfer &
Career Services



This project is supported completely by
Measure A bonds,
approved by Contra Costa County voters.

We appreciate the community's support for local public higher education.
For more information visit www.losmedanos.edu/maps

Index

A

About the College 8
Academic Policies & Standards 17
Academic Renewal 20
Academic Support Services 55
Admission 9
Administration of Justice 77
Advanced Placement (AP) 22
Alert and Dismissal 24
Animals on Campus 47
Anthropology 82
Art 84
Assessment Center 48
Associate Degree Requirements 68, 69
Athletics 199
Attendance 13
Automotive Technology 97

B

Biological Science 103
Bookstore 55
Business 105

C

California Residency Information 11
California College Promise Grant (CCPG)
 Fee Waiver 50
Cal-GETC 70, 71
Career Services 52
Center for Academic Support 56
Certificate of Achievement Requirements 69
Certificate Offerings 62
Chemistry 112
Child Care Services 49
Clubs 52
Code of Conduct 31
College Level Examination Program 23
Communication Studies 114
Computer Lab 55
Computer Science 116
Construction 123
Cooperative Work Experience Education 54
Counseling Services 49
Counseling 124
Course Enrollment 11
Course Offerings 79-282
Credit Accepted 22
Credit by Examination 23
CSU General Education Requirements 72

D

Degree Offerings 64
Disabled Students Program & Services 49
Drama 126
Drone Technology 250

E

Early Childhood Development 130
Economics 139
Education 139
Electrical/Instrumentation Technology 140

Eligibility Requirements 9
Emergency Medical Services 146
Enrollment 11
Enrollment Fee 14
Engineering 148
English 150
English as a Second Language 157
EOPS 50
Ethnic Studies 168

F

Fees 14
Fee Refund Policy 17
Final Grades 17
Financial Aid 50
Financial Aid Appeals Process 26
Fire Technology 172
Freedom of Association 30
French 177

G

General Education
 Philosophy and Student
 Learning Outcomes 63
 Requirements for Associate Degree 70
Glossary 269
Grading 17
Graduation Requirements 62
Grievance/Complaint Process 32

H

Health Services Referral 51
High School Credit 21
History 178
Honors 26, 56
Humanities 183

I

Index 300
InSite and InSite Mail 12
International Baccalaureate Examination 24
International Students 10

J

Journalism 186

K

Kinesiology 190

L

LGBTQ Resources 57
Liberal Arts 199
Library 54
LMC Market Place (Basic Needs) 52

M

Major Program Requirements 79-282
Management and Supervision 202
Maps 270
Mathematics 204
Math Lab 57
MESA Program 57
Mission Statement 8
Music 209

N

Non-Discrimination Policy 28
Nursing 216
Nutrition 224

P

Parking Regulations & Enforcement 47
Parking Fees 15
Pathways to an Associate Degree 68
Philosophy 224
Phone Directory 268
Physical Science 227
Physics 227
Police Services 53
Political Science 229
Prerequisites/Advisories 13
Process Technology 231
Program Student Learning Outcomes 73
Programs of Study 64
Psychology 235
Puente Program 57

R

Recording Arts 237
Refund Policy 17
Repeating a Course 19
Residency Status 10
Rights and Responsibilities 27

S

Satisfactory Academic Progress (SAP) 25
Sign Language 241
Smoking Policy 47
Social Justice Studies 242
Sociology 246
Spanish 247
Student Code of Conduct 31
Student Life 53
Student Discipline & Suspension 36
Student Government 52
Student Learning Outcomes 79-282
Student Records Privacy Law 26
Student Rights & Responsibilities 30
Student Support Services 48
Suspension 25

T

Transcript Requests 21
Transfer & Career Services 54
Transfer Information 60
Transfer Studies 250
Travel Marketing 273
Tutoring Services 53

U

Umoja Scholars 58
Units of Credits, Guidelines on 77
Understanding Course Descriptions 76

V

Veterans Benefits 16, 58

W

Welding Technology 251
What You Need to Know 11
Work Experience Education 58, 255

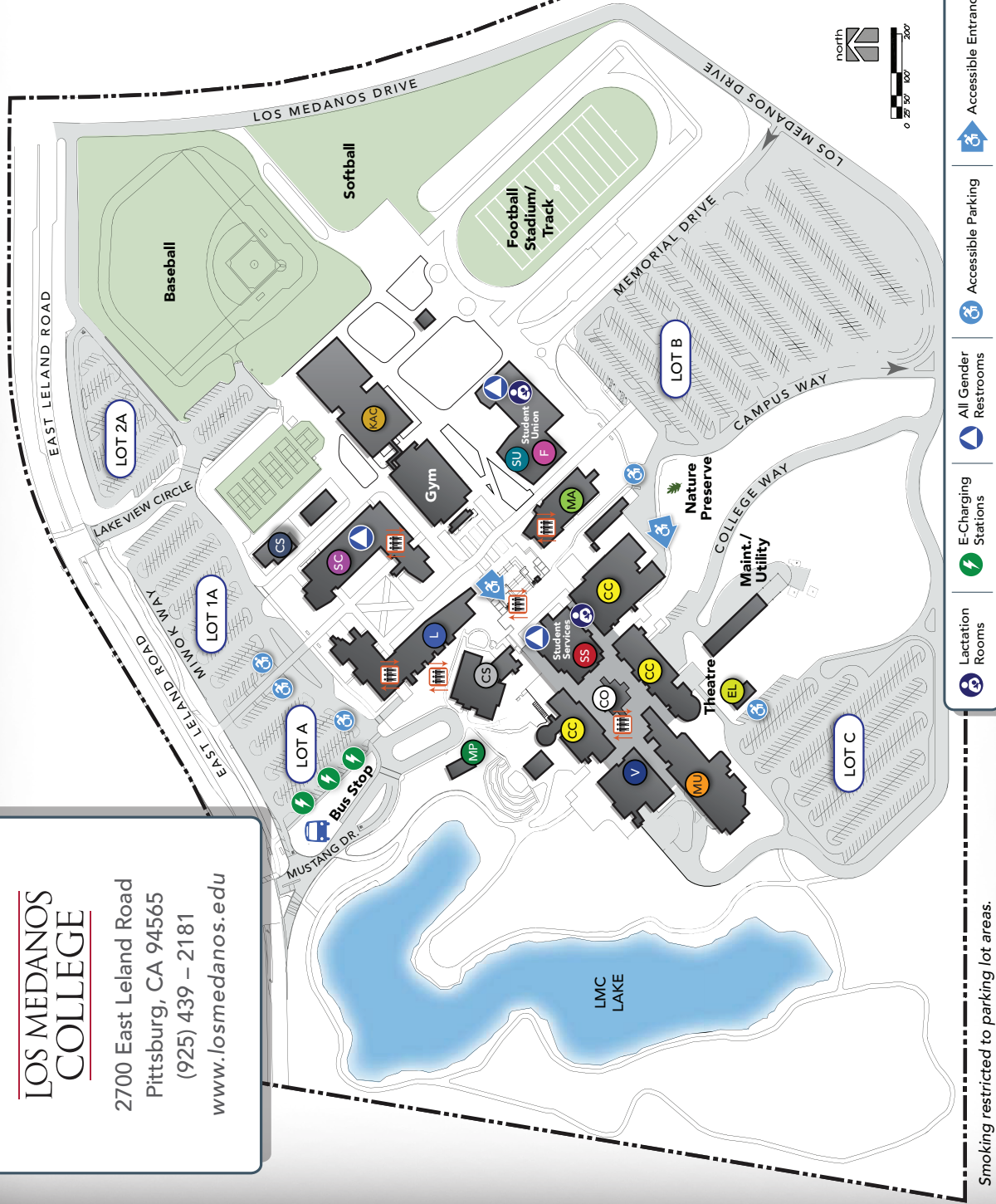
Campus Overview

LOS MEDANOS COLLEGE

2700 East Leland Road
Pittsburg, CA 94565
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www.losmedanos.edu

Building Legend

- CC College Complex
- CO CORE
 - Business Services
 - Center for Academic Support
 - Equity & Inclusion
- CS Child Study Center
- CS Campus Safety
 - Police Services
- F Cafeteria
- EL ETEC Lab
- MP Marketplace
- KAC Kinesiology & Athletics Complex
- L Library
 - Community Room
- MA Math
- MU Music
 - Recital Hall
- SC Science
 - MESA Center
- SS Student Services
 - Admissions/Cashier
 - Assessment Services
 - Counseling Services
 - DSPS
 - EOPS, CARE, CAIWORKS
 - Financial Aid/Scholarships
 - Information/Welcome Center
 - LMC Foundation
 - Office of Instruction
 - President's Office
 - Transfer & Career Services
- SU Student Union
 - Bookstore
 - Cafeteria
 - Conference Center
 - Honors Program
 - International Students Program
 - Latrix Empowerment Center
 - Reflection Room
 - Student Life
 - Student Lounge
 - Unity Center
 - Umoja Scholars Program
- V Veterans Resource Center



Smoking restricted to parking lot areas.



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