Two Pathways to an Associate Degree at LMC

Transfer AA/AS Path
To be awarded an AA or AS degree through this path, students must complete requirements mandated by the Contra Costa Community College District Governing Board, as well as the General Education requirements of a four-year transfer institution.

Governing Board Requirements
American Institutions (3-6 units)
Health Education (0-3 units)
Physical Education (2 units)

LMC Degree Requirements
- Students must complete 60 transferable units, including Governing Board requirements. Of the total units completed, 12 must be at LMC with a cumulative grade point average of 2.0 or higher.
- Students must complete the lower division General Education requirements of a four-year transfer institution. Students planning to transfer to a California public university should follow the California State University General Education model, the University of California specific breadth requirements, or the Intersegmental General Education Transfer Curriculum (IGETC). Another option is to fulfill all major program requirements and be accepted with junior standing at any accredited baccalaureate institution. Students planning to transfer to a private or out-of-state university need to consult a counselor.
- Students must show evidence of acceptance for admission by an accredited transfer institution.

Standard AA/AS Path
To be awarded an AA or AS degree through this path, students must complete requirements mandated by the Contra Costa Community College District Governing Board, as well as General Education requirements in the Associate Degree Requirement list.

Governing Board Requirements
American Institutions (3 units)
Health Education (0-3 units)
Physical Education (2 units)

LMC Degree Requirements
- Students must complete 60 degree-applicable units, including Governing Board requirements. Of the total units completed, 12 must be at LMC with a cumulative grade point average of 2.0 or higher.
- Students must complete the LMC General Education requirements.
- Students with majors other than liberal arts must complete the specific LMC major requirements (a minimum of 18 units) — 5 listed with the courses of study in the college catalog.

Note: Unit values appear in parenthesis in both pathways. A zero denotes that a test option is available. Students who score at competency level on a test may bypass the required course (and units). Transferable units are not awarded for LMC competency exams. In addition, all students choosing the transfer path option are strongly encouraged to see a counselor since four-year college requirements vary widely and are subject to change.

7/19/06
Los Medanos College Associate Degree Requirements
2006-07

Standard AA/AS Path

A **minimum total of 60 degree-applicable units** are required for the Associate Degree. Students must complete this coursework, in addition to 18 or more units in a defined major as listed in the catalog. Of the total units completed, 12 units must be at LMC, with a cumulative grade point average of 2.0 or higher. Completing the required courses in the boxes below will total between 32-45 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. Courses that double count are listed in both boxes. *This document is subject to change. For updates contact the Counseling Center or www.losmedanos.edu*

### General Education Requirements

<table>
<thead>
<tr>
<th>Category</th>
<th>Units</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Communication/Critical Thinking</td>
<td>3</td>
<td>Many of these courses will also satisfy the CSU requirement in Area A</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Complete one of: ENGL 220, 221, PHIL 41, JOURN 10, SPCH 40</td>
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<tr>
<td>Biological or Physical Science</td>
<td>3-5</td>
<td>Many of these courses will also satisfy the CSU requirement in Area B</td>
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<td>Complete one of:</td>
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<tr>
<td></td>
<td></td>
<td>Biological: BIOSC 7, 10, 20, 50</td>
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<td>OR</td>
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<tr>
<td></td>
<td></td>
<td>Physical: ASTRO 10, CHEM 8, 25, ENGIN 10, PHYS 15, 35, PHYSC 5</td>
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<tr>
<td>Creative Arts/Humanities</td>
<td>6</td>
<td>Many of these courses will also satisfy the CSU requirement in Area C</td>
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<tr>
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<td></td>
<td>Complete two courses: (one from Creative Arts and one from Humanities)</td>
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<tr>
<td></td>
<td></td>
<td>Creative Arts: ART 5, 6, 7, 8, 9</td>
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<td></td>
<td></td>
<td>DRAMA 15, 16, 70, 71, MUSIC 10, 12, 15</td>
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<td></td>
<td></td>
<td>* or completion of Registered Nursing Program</td>
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<tr>
<td>Behavioral Science</td>
<td>3</td>
<td>Many of these courses will also satisfy the CSU requirement in Area D</td>
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<td>Complete one course:</td>
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<td>ANTHR 5, 6, 7, PSYCH 10, 11, SOCIO 15, 16</td>
</tr>
<tr>
<td>Social Science/American Institutions &amp; Ideals</td>
<td>6</td>
<td>Complete two courses, one from group A and one from group B.</td>
</tr>
<tr>
<td>Group A: POLSC 10, 20</td>
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<tr>
<td>Group B: ADJUS 120, ECON 5, 10, 11, HIST 34, 35, 36, 37, 38, POLSC 43, SOCSC 45</td>
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<td>Transfer students should consult with an LMC Counselor regarding meeting the LMC and CSU American Institutions &amp; Ideals requirements.</td>
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<tr>
<td>Graduation &amp; Competency Requirements</td>
<td>0-4</td>
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<tr>
<td>Computer Literacy</td>
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<td>Pass proficiency exam</td>
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<td>OR</td>
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<td></td>
<td></td>
<td>Complete one of: COMSC 10, 11, 40, 49, 60, 83, BUS 18, 35, 65, 66, 67, 68</td>
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<tr>
<td>Ethical Inquiry</td>
<td>3</td>
<td>Complete one of: ENGL 3, PHIL 2*, HUMAN 3</td>
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<td></td>
<td></td>
<td>* or completion of Registered Nursing Program</td>
</tr>
<tr>
<td>Ethnic/Multicultural Studies</td>
<td>3</td>
<td>Complete one of: DRAMA 15, 30, ENGL 127, 128, 129, 133, HIST 46, 47, 48, 52, SOCSC 45, 56</td>
</tr>
<tr>
<td>Health Education</td>
<td>0-3</td>
<td>Complete one of: BIOSC 5, ANTHR 7</td>
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<td>OR</td>
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<td></td>
<td></td>
<td>Completion of Registered Nursing, Vocational Nursing or Paramedic Program or Pass Health Science Exam**</td>
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<tr>
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<td>** For information on Health Science exam, contact Mark Lewis, extension 3224.</td>
</tr>
<tr>
<td>Mathematics</td>
<td>0-4</td>
<td>Pass proficiency exam</td>
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<td></td>
<td>OR</td>
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<tr>
<td></td>
<td></td>
<td>Complete: MATH 15 or 18 or 25 or higher</td>
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<tr>
<td>Physical Education</td>
<td>2</td>
<td>Complete two units of activity courses or FIRE 106</td>
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<tr>
<td></td>
<td></td>
<td>(Does not include lecture courses)</td>
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<tr>
<td>Reading – Writing</td>
<td>3</td>
<td>This course will also satisfy 3 units of the CSU requirement in Area A</td>
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<td>Complete: ENGL 100</td>
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</tbody>
</table>

7/19/06
IGETC: Intersegmental General Education Transfer Curriculum 2006 - 2007

**Requirements for Students Transferring to CSU or UC**

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

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

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

**Credit by Advanced Placement**

LMC grants credit toward undergraduate degrees for successful completion of examinations of the Advanced Placement Program of the College Board. See page 10 of the college catalog for the policy for granting credit for specific scores and exams.

### Area 1  English Composition

| CSU: Three courses required: One course from 1A, 1B and 1C. |
| UC: Two courses required: One course from 1A and 1B. |

1A  English Composition: ENGL 100  
1B  Critical Thinking – English Composition: ENGL 221  
1C  Oral Communication (CSU only): SPCH 40  

### Area 2  Mathematical Concepts and Quantitative Reasoning

One course required (3 semester units minimum).

MATH 34, 35, 37, 38, 40, 50, 60, 70, 75, 80  
Math 37 and 50 combined: credit for one course only.  
Math 34 and 38 combined: credit for one course only.

### Area 3  Arts & Humanities

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

3A  Arts: ART 5, 6, 7, 8  
DRAMA 15, 16, 70, 71, MUSIC 10, 15  

3B  Humanities: DRAMA 30, ENGL 127, 128, 129, 132, 133, 200, 201, 202  
HUMAN 3, 19, 20, 21  
MUSIC 12, PHIL 2, 33, 40, 42,  
POLSC 33, SPAN 51, 52, 53  

**Drama 30, ENGL 127, MUSIC 12 satisfies American Cultures Requirement, UC Berkeley.**

### Area 4  Social & Behavioral Sciences

At least 3 courses from at least 2 disciplines. (9 semester units.)

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<tbody>
<tr>
<td>4A  Anthropology and Archaeology: ANTHR 5, 6, 7</td>
<td>4B  Economics: ECON 10, 11</td>
</tr>
<tr>
<td>4C  Ethnic Studies: HIST 46, SOCSC 45, 56</td>
<td>4F  History: ECON 5, HIST 31, 34, 35, 36, 37, 38, 49</td>
</tr>
</tbody>
</table>
| 4G  Interdisciplinary, Social and Behavioral Sciences:  
HIST 47, 48, 52, JOURN 35, POLSC 43  | 4H  Political Science, Government and Legal Institutions:  
PHIL 33, POLSC 10, 20, 33  |
| 4I  Psychology: PSYCH 10, 11  | 4J  Sociology and Criminology: SOCIO 15, 16 |

### Area 5  Physical & Biological Sciences

At least 2 courses, one Physical Science course and one Biological Science course; at least one must include a laboratory. (7-9 semester units.)

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</table>
| 5A  Physical Science: ASTRO 10, 11, CHEM: 6, 8, 25,  
PHYS: 15, 35, 40, PHYSc: 5  | 5B  Biological Science: BIOSC 7, 10, 20, 21, 40, 50  |

All science courses listed above include lab activity, except for: PHYSc 5 and ASTRO 10. ASTRO 11 may be completed along with ASTRO 10 for lab activity credit.  

**No credit for BIOSC 10 if taken after BIOSC 20.**  
**No credit for CHEM 6 if taken after CHEM 25.**  
**No credit for PHYS 15 if taken after PHYS 35.**  
**No credit for PHYSc 5 if taken after college level course in Astronomy, Chemistry, Geology or Physics.**

### Area 6  Languages Other Than English

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

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<tbody>
<tr>
<td>CHIN 30, FRNCH 60, ITAL 60, LATIN 20, SPAN 50, SIGN 65</td>
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</tbody>
</table>

### U.S. History, Constitution & American Ideals

CSU Requirement only.  
Two courses (6 semester units). One course from Group A and one course from Group B.

Courses used to satisfy this requirement may **NOT** be double counted in Area 4.

**Group A:** POLSC 10, 20  
**Group B:** ECON 5, HIST 36, HIST 37  

**For major requirements, see an LMC counselor and go to www.assist.org**

7/19/06
Students choosing to transfer are **strongly encouraged to see an LMC Counselor** since four-year college requirements vary widely and are subject to change.

Students must request that the CSU GE certification be sent to the four-year campus that they will be attending. Check the appropriate box on the “Transcript Request” form at Admissions and Records. Partial GE Certification is available.

**Credit by Advanced Placement**

LMC grants credit toward undergraduate degrees for successful completion of examinations of the Advanced Placement Program of the College Board. See page 10 of the college catalog for the policy for granting credit for specific scores and exams.

The current list of all CSU transferable courses may be found at www.assist.org.

### Area A  Communication in the English Language and Critical Thinking

A minimum of one course in areas A1, A2 and A3.

- **A1** Oral Communication ........................................ (3 units) SPCH 40
- **A2** Written Communication ................................. (3 units) ENGL 100
- **A3** Critical Thinking ........................................... (3 units) PHIL 41, ENGL 220, ENGL 221

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

### Area B  Physical Universe and Its Life Forms

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

- **B1** Physical Science ........................................... (3-6 units) ASTRO 10, CHEM 6, 8, 25, PHYS 15, 35, 40, PHYS 5
- **B2** Life Science .................................................. (3-6 units) BIOSC 7, 10, 20, 21, 40, 50
- **B3** Laboratory Activity
  - ASTRO 10 and 11
  - BIOSC 7, 10, 20, 21, 40, 50
  - CHEM 6, 8, 25
  - PHYS 15, 35, 40
- **B4** Mathematics/Quantitative Reasoning .................. (4 units) Satisfactory completion qualifies for exemption from the ELM examination requirements.
  - MATH 31, 33, 34, 35, 37, 38, 40, 50, 60, 70, 75, 80

### Area C  Arts, Literature, Philosophy and Foreign Languages

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

- **C1** Arts ......................................................... (3-6 units) ART 5, 6, 7, 8, 9, DRAMA 15, 16, 70, 71, MUSIC 10, 12, 15, SPAN 60
- **C2** Humanities ............................................... (3-6 units) CHIN 30, 40, DRAMA 30, ENGL 3, 127, 128, 129, 132, 133, 200, 201, 202, 205, 230, FRNCH 60, 61, HUMAN 3, 19, 20, 21, 22, 24, ITAL 60, 61, LATIN 20, 21, PHIL 2, 33, 40, 42, POLSC 33, SPAN 50, 51, 52, 53, SIGN 65, 66, 67

### Area D  Social, Political, and Economic Institutions and Behavior; Historical Background

No fewer than 9 units should be taken. Courses taken should be in at least two different disciplines listed below. Course(s) listed in more than one discipline will satisfy and be counted in only one discipline.

- **D1** Anthropology & Archeology ............................. ANTHR 5, 6, 7
- **D2** Economics .................................................. ECON 10, 11
- **D3** Ethnic Studies ................................................... HIST 46, 47, 48, 49, 52, SOCSC 45, 56
- **D4** Gender Studies .................................................. HIST 48
- **D5** Geography .................................................... GEOG 21
- **D6** History ............................................................ HIST 31, 34, 35, 36, 37, JOURN 35, CHDEV 20
- **D7** Interdisciplinary Social or Behavioral Science .......... PHIL 33, POLSC 10, 20, 33, 40, 43
- **D8** Political Science, Government & Legal Institutions ............................. PHIL 33, POLSC 10, 20, 33, 40, 43
- **D9** Psychology ...................................................... PSYCH 10, 11
- **D10** Sociology and Criminology .................................. SOCIO 15, 16

### Area E  Lifelong Understanding and Self-Development

Minimum of one course, 3 units.

- BIOSC 5, ANTHR 7, PSYCH 12, CHDEV 10

### U.S. History, Constitution and American Ideals

One course from group A and one course from group B

These courses may double count in Area D

- Group A: POLSC 10, POLSC 20
- Group B: ECON 5, HIST 36, HIST 37

For major requirements, see an LMC counselor and go to www.assist.org