



EL CAMINO COLLEGE

2011-2012 | CATALOG
ADDENDUM



El Camino Community College District A Public Community College

Serving: El Segundo, Hawthorne, Hermosa Beach, Inglewood,
Lawndale, Lennox, Manhattan Beach, Redondo Beach, and Torrance

Address

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Publisher

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El Camino College has made every reasonable effort to determine that this Catalog is accurate. Courses and programs offered, together with other matters contained herein, are subject to change without notice by the administration for reasons related to student enrollment and level of financial support, or at the discretion of the district and the college. The district and the college further reserve the right to add, amend or repeal any rules, regulations, policies and procedures.

Associate in Arts Degree

A.A. Degree Requirements

Refer to Page 34 for general requirements. Complete requirements specified under Section A, Section B, and Section C.

Section A - General Education Requirements

A student has three options to complete the General Education Requirements.

OPTION I is designed for students completing the El Camino College major.

OPTION II is designed for students completing CSU GE Breadth transfer requirements.

OPTION III is designed for students completing CSU/UC (IGETC) transfer requirements.

OPTION I: EL CAMINO COLLEGE REQUIREMENTS

Complete the specified number of units in categories 1 through 5 and the mathematics competency requirement in category 6.

1. NATURAL SCIENCES: minimum of 3 semester units

Anatomy 30, 32
 Anatomy and Physiology 34A, 34B
 Anthropology 1, 5
 Astronomy 12, 20, 25
 Biology 8, 10, 11, 12, 15, 16, 17, 18, 101, 102, 103, 104
 Biotechnology 1, 2
 Chemistry 1A, 1B, 4, 7A, 7B, 20, 21A, 21B
 Geography 1, 6, 9
 Geology 1, 2, 3, 4, 6, 15, 30, 32, 34, 36
 Microbiology 33
 Oceanography 10
 Physical Science 25
 Physics 1A, 1B, 1C, 1D, 2A, 2B, 3A, 3B, 11, 12
 Physiology 31
 Psychology 7

2. SOCIAL AND BEHAVIORAL SCIENCE: minimum of 9 semester units

One course from A, one course from B, and one course from C:

A. American Studies 7
 History 101, 102, 105, 106, 108, 110, 111, 112, 122, 128
 Women's Studies 1

B. Political Science 1, 5, 6, 8
C. Anthropology 2, 3, 4, 6, 7, 8, 9, 10, 11, 12
 Business 17, 22
 Child Development 103, 104
 Communication Studies 5, 11, 14
 Economics 1, 2, 5
 Ethnic Studies 1
 Geography 2, 5, 7
 Global Studies 101
 History 114, 129, 140, 141, 143, 145, 152, 154, 162, 163, 165, 175, 176, 178, 183, 184, 190
 History of Science 11
 Journalism 12
 Political Science 2, 3, 10
 Psychology 2, 5, 7, 8, 10, 12, 15, 16, 21, 22
 Sociology 101, 102, 104, 107, 108, 112

3. HUMANITIES: minimum of 3 semester units

Architecture 104
 Art 1, 2, 3, 4, 5A, 5B, 6, 7, 9, 108, 109, 150
 Chinese 1, 2, 24
 Communication Studies 8
 Dance 1, 3
 English 1B, 10, 12, 15A, 15B, 18, 20, 21, 22, 23, 26, 27, 28, 29, 30, 31, 33, 34, 35, 36, 39, 40A, 40B, 41A, 41B, 42, 43, 44, 46, 47, 48
 Fashion 31
 Film/Video 1, 3, 51, 52, 53, 54abc
 French 1, 2, 3, 4, 5, 6, 24
 German 1, 2, 3
 Humanities 1
 Italian 1, 2, 24
 Japanese 1, 2, 3, 4, 25
 Music 1, 3, 11, 12, 13, 15A, 15B, 16, 17
 Philosophy 2, 3, 7, 10, 11, 12, 14, 23
 Photography 150
 Sign Language/Interpreter Training 15, 16, 17A, 17B, 202
 Spanish 1, 2, 3, 4, 5, 6, 24, 52A, 52B
 Theatre 1, 4, 8

4. LANGUAGE AND RATIONALITY: minimum of 6 units

One course from A and one course from B:

A. English Composition:

Business 27, 28

English 1A

Journalism 1

B. Communication and Analytical Thinking:

Business 29

Communication Studies 1, 3, 4, 5, 11, 12, 14

Computer Information Systems 13, 16, 80

Computer Science 1, 10

English 1B, 1C

Journalism 12

Mathematics 73, 80, 110, 111, 115, 116, 120, 130, 140, 150, 160, 161, 170, 180, 190, 191, 210, 220, 270

Philosophy 5, 8

Psychology 3, 9A

Sociology 109

Supervision 27

5. HEALTH AND PHYSICAL EDUCATION: minimum of 3 semester units

Contemporary Health 1

Human Development 10

Nutrition and Foods 11

Physical Activity or Fitness Courses:

Dance 9ab, 10, 12abcd, 14ab, 16ab, 17abcd, 19ab, 20abcd, 21abcd, 22ab, 23abcd, 25abcd, 26abcd, 32ab, 33abcd, 35abcd, 42ab, 43abcd, 51ab, 52abcd, 53ab, 54abcd, 61ab, 62abcd, 71ab, 72abcd

Physical Education 1abcd, 2abcd, 3abcd, 4abcd, 5abc, 6abc, 7abcd, 14abcd, 15abc, 16abc, 20abc, 21abc, 25abc, 26abc, 35abc, 36abc, 45abc, 46abc, 47abcd, 54abcd, 57abc, 58abc, 60abc, 61abc, 65abc, 66abc, 70abc, 71abc, 74abcd, 75abc, 76abc, 80abc, 81abc, 85abc, 86abc, 87abc, 101abcd, 102abcd, 105abc, 106abc, 110abc, 111abc, 115abc, 116abc, 120abc, 121abc, 125abc, 126abc, 130abc, 131abc, 132abc, 133abc, 135abcd, 204abcd, 208abcd, 218abcd, 221abcd, 224abcd, 232abcd, 233abc, 238abcd, 240abcd, 241abcd, 244abcd, 245abcd, 246abcd, 250abcd, 251abcd, 253abcd, 256abcd, 275, 280, 282abcd,

Associate in Arts Degree (continued)

285abcd, 300abcd, 302abcd, 400abcd, 401abcd, 402abcd, 404abcd, 407abcd, 409abcd

Physical Education 260

Psychology 2, 16, 22

(This category may be exempted by one of the following:

- 1) Pass the Contemporary Health waiver exam; or
- 2) Approval of a petition for military service credit.)

6. MATHEMATICS COMPETENCY

Pass the Mathematics Competency Test (a process separate from mathematics placement), which covers intermediate algebra, or satisfactorily complete one of the approved courses for this category.

Mathematics 73, 80, 110, 111, 115, 116, 120, 130, 140, 150, 160, 161, 170, 180, 190, 191, 210, 220, 270

Psychology 9A

Sociology 109

OPTION II: CSU TRANSFER REQUIREMENTS

See page 41 of this catalog.

OPTION III: CSU/UC (IGETC) REQUIREMENTS

See page 43 of this catalog.

Section B - Major Requirements

Satisfy either the El Camino College Major option or the Transfer Major option.

El Camino College Major

Complete the courses specified for one of the majors listed alphabetically in Section IV, Curriculum, of this college catalog.

Transfer Major

Complete the lower division transfer major requirements for an accredited four-year college or university. If there are no lower division requirements in the transfer major or if the requirements for the transfer major are less than 18 units, students must complete an El Camino College major.

Section C - Electives

El Camino College Major

To reach the total of 60 degree applicable units required for graduation, students must choose electives from degree applicable courses. Students may count only six units of physical education as elective credit for graduation.

Transfer Major

60 degree applicable units are required for graduation. To qualify for transfer to CSU or UC, electives must be chosen from transferable courses. Students may count only four units of physical education as transfer credit.

Associate in Science Degree

A.S. Degree Requirements

Refer to Page 34 for general requirements. Complete requirements specified under Section A, Section B, and Section C.

Section A - General Education Requirements

A student has three options to complete the General Education Requirements.

OPTION I is designed for students completing the El Camino College major.

OPTION II is designed for students completing CSU GE Breadth transfer requirements.

OPTION III is designed for students completing CSU/UC (IGETC) transfer requirements.

OPTION I: EL CAMINO COLLEGE REQUIREMENTS

Complete the specified number of units in categories 1 through 5 and the mathematics competency requirement in category 6.

1. NATURAL SCIENCES: minimum of 3 semester units

Anatomy 30, 32

Anatomy and Physiology 34A, 34B

Anthropology 1, 5

Astronomy 12, 20, 25

Biology 8, 10, 11, 12, 15, 16, 17, 18, 101, 102, 103, 104

Biotechnology 1, 2

Chemistry 1A, 1B, 4, 7A, 7B, 20, 21A, 21B

Geography 1, 6, 9

Geology 1, 2, 3, 4, 6, 15, 30, 32, 34, 36

Microbiology 33

Oceanography 10

Physical Science 25

Physics 1A, 1B, 1C, 1D, 2A, 2B, 3A, 11

Physiology 31

Psychology 7

2. SOCIAL AND BEHAVIORAL SCIENCE: minimum of 3 semester units

One course from A or B, or C:

A. American Studies 7

History 101, 102, 105, 106, 108, 110, 111, 112, 122, 128

Women's Studies 1

B. Political Science 1, 5, 6, 8

C. Anthropology 2, 3, 4, 6, 7, 8, 9, 10, 11, 12

Business 17, 22

Child Development 103, 104

Communication Studies 5, 11, 14

Economics 1, 2, 5

Ethnic Studies 1

Geography 2, 5, 7

Global Studies 101

History 114, 129, 140, 141, 143, 145, 152, 154, 162, 163, 165,

175, 176, 178, 183, 184, 190

History of Science 11

Journalism 12

Political Science 2, 3, 10

Psychology 2, 5, 7, 8, 10, 12, 15, 16, 21, 22

Sociology 101, 102, 104, 107, 108, 112

Associate in Science Degree (continued)

3. HUMANITIES: minimum of 3 semester units

Architecture 104
 Art 1, 2, 3, 4, 5A, 5B, 6, 7, 9, 108, 109, 150
 Chinese 1, 2, 24
 Communication Studies 8
 Dance 1, 3
 English 1B, 10, 12, 15A, 15B, 18, 20, 21, 22, 23, 26, 27, 28, 29, 30, 31, 33, 34, 35, 36, 39, 40A, 40B, 41A, 41B, 42, 43, 44, 46, 47, 48
 Fashion 31
 Film/Video 1, 3, 51, 52, 53, 54abc
 French 1, 2, 3, 4, 5, 6, 24
 German 1, 2, 3
 Humanities 1
 Italian 1, 2, 24
 Japanese 1, 2, 3, 4, 25
 Music 1, 11, 12, 13, 15A, 15B, 16, 17
 Philosophy 2, 3, 7, 10, 11, 12, 14, 23
 Photography 150
 Sign Language/Interpreter Training 15, 16, 17A, 17B, 202
 Spanish 1, 2, 3, 4, 5, 6, 24, 52A, 52B
 Theatre 1, 4, 8

4. LANGUAGE AND RATIONALITY: minimum of 6 units One course from A and one course from B:

A. English Composition:

Business 27, 28
 English 1A
 Journalism 1

B. Communication and Analytical Thinking:

Business 29
 Communication Studies 1, 3, 4, 5, 11, 12, 14
 Computer Information Systems 13, 16, 80
 Computer Science 1, 10
 English 1B, 1C
 Journalism 12
 Mathematics 73, 80, 110, 111, 115, 116, 120, 130, 140, 150, 160, 161, 170, 180, 190, 191, 210, 220, 270
 Philosophy 5, 8
 Psychology 3, 9A
 Sociology 109
 Supervision 27

5. HEALTH AND PHYSICAL EDUCATION: minimum of 3 semester units

Contemporary Health 1
 Human Development 10
 Nutrition and Foods 11
 Physical Activity or Fitness Courses:
 Dance 9ab, 10, 12abcd, 14ab, 16ab, 17abcd, 19ab, 20abcd, 21abcd, 22ab, 23abcd, 25abcd, 26abcd, 32ab, 33abcd, 35abcd, 42ab, 43abcd, 51ab, 52abcd, 53ab, 54abcd, 61ab, 62abcd, 71ab, 72abcd
 Physical Education 1abcd, 2abcd, 3abcd, 4abcd, 5abc, 6abc, 7abcd, 14abcd, 15abc, 16abc, 20abc, 21abc, 25abc, 26abc, 35abc, 36abc, 45abc, 46abc, 47abcd, 54abcd, 57abc, 58abc, 60abc, 61abc, 65abc, 66abc, 70abc, 71abc, 74abcd, 75abc, 76abc, 80abc, 81abc, 85abc, 86abc, 87abc, 101abcd, 102abcd, 105abc, 106abc, 110abc, 111abc, 115abc, 116abc, 120abc, 121abc, 125abc, 126abc, 130abc, 131abc, 132abc, 133abc, 135abcd, 204abcd, 208abcd, 218abcd, 221abcd, 224abcd, 232abcd, 233abc, 238abcd, 240abcd, 241abcd, 244abcd, 245abcd, 246abcd, 250abcd, 251abcd, 253abcd, 256abcd, 275, 280, 282abcd, 285abcd, 300abcd, 302abcd, 400abcd, 401abcd, 402abcd, 404abcd, 407abcd, 409abcd

Physical Education 260

Psychology 2, 16, 22

(This category may be exempted by one of the following:

- 1) Pass the Contemporary Health waiver exam; or
- 2) Approval of a petition for military service credit; or
- 3) Completion of Nursing 151 and 155.)

6. MATHEMATICS COMPETENCY

Pass the Mathematics Competency Test (a process separate from mathematics placement), which covers intermediate algebra, or satisfactorily complete one of the approved courses for this category.

Mathematics 73, 80, 110, 111, 115, 116, 120, 130, 140, 150, 160, 161, 170, 180, 190, 191, 210, 220, 270

Psychology 9A

Sociology 109

OPTION II: CSU TRANSFER REQUIREMENTS

See page 41 of this catalog.

OPTION III: CSU/UC (IGETC) REQUIREMENTS

See page 43 of this catalog.

Section B - Major Requirements

Satisfy either the El Camino College Major option or the Transfer Major option.

El Camino College Major

Complete the courses specified for one of the majors listed alphabetically in Section IV, Curriculum, of this college catalog.

Transfer Major

Complete the lower division transfer major requirements for an accredited four-year college or university. If there are no lower division requirements in the transfer major or if the requirements for the transfer major are less than 18 units, students must complete an El Camino College major.

Section C - Electives

El Camino College Major

To reach the total of 60 degree applicable units required for graduation, students must choose electives from degree applicable courses. Students may count only six units of Physical Education as elective credit for graduation.

Transfer Major

60 degree applicable units are required for graduation. To qualify for transfer to CSU or UC, electives must be chosen from transferable courses. Students may count only four units of Physical Education as transfer credit.



Preparation for Transfer

Students who wish to transfer to a four-year university or college should complete admission requirements at the community college prior to transferring. Requirements vary among institutions. Therefore, students should become familiar with the courses for 1) general education, 2) major preparation, 3) admission requirements to meet minimum eligibility and selective majors, and 4) Grade Point Average (GPA) needed for admission.

Since requirements can change from year to year, it is to the student's advantage to select a transfer institution as early as possible and meet with an academic counselor, transfer center advisor, the university representative, and/or articulation officer for updated information. Students are encouraged to view the ASSIST website at www.assist.org, which provides the most up-to-date information on course articulation for California public universities.

In addition, students are welcome to visit the Transfer Center in the Student Services Center building. The Transfer Center offers a variety of services to assist students with the transfer process such as workshops, university fairs, campus tours, application assistance, and university contacts.

ASSIST

(Articulation System Stimulating Interinstitutional Student Transfer)

ASSIST is a computerized student-transfer information system that can be accessed over the World Wide Web. It displays reports of how course credits earned at one California college can be applied at the receiving institution. ASSIST is the official repository of articulation for California's public colleges and universities and therefore the most accurate and up-to-date information available about student transfer in California. For additional information regarding ASSIST, visit the Career and Transfer Center or the ASSIST website at www.assist.org.

California State University

The California State University system consists of 23 campuses located throughout the state. While each campus within the system has its own unique geographic and academic character, all campuses offer bachelor's and master's degrees in a variety of subject areas.

California State University Admission Requirements

1. Lower Division Transfer Requirements:

Students who have completed 60 or fewer transferable semester units (or 89 or fewer transferable quarter units) with a 2.0 grade point average by the time of entry to a CSU are considered a lower division applicant. Students are eligible for admission if they:

- Were eligible as a freshman at the time of high school graduation and
- Were in good standing at the last college or university attended.

Some campuses may also expect students to complete, with a C or better, general education courses in English composition and general education mathematics prior to admission. Students should check the individual transfer campus to see if the campus is accepting lower division transfers at www.csumentor.edu.

2. Upper Division Transfer Requirements:

Students that have at least 60 transferable semester units (or 90 transferable quarter units) with a 2.0 grade point average (2.4 for non-residents) completed by the time of entry to a CSU, are considered an upper division applicant. Applicants are eligible for admission to the CSU if they:

- Are in good standing at the last college or university attended and
- Have completed 30 units of general education to include: one course in written communication, one course in oral communication, one course in critical thinking, and one transferable course in mathematics. The four courses must be completed with a grade of C or better.

Campuses that are impacted have supplemental admission criteria. Students should meet with a counselor and visit: www.calstate.edu/SAS/impactioninfo.shtml for additional information.

CSU General Education Breadth Requirements

General Education Breadth Requirements are designed so that, students may take lower division general education courses at a California community college such that when a student transfers, the student will have completed most, if not all, of the lower division general education requirements.

Certification

Certification means that El Camino College has verified that the student has completed the lower division general education requirements for the CSU. For full certification, students must complete 39 units from Categories A through E of the CSU General Education Requirements. Twelve of the 39 units must be completed at El Camino College. CSU certification may be requested at the Records Window. Courses may be listed in multiple categories, but can only be certified in one area.

CSU General Education Requirements

Area A - Communication in the English Language and Critical Thinking (9 units required)

One course from each subsection.

1. Communication Studies 1, 3, 4, 12
2. English 1A
3. English 1C, Philosophy 5, 8, Psychology 3, Communication Studies 4

Area B - Physical Universe and its Life Forms (minimum 9 units)

One course must be completed from each subsections; one course must include a laboratory (marked by *).

Note: an Entry Level Mathematics examination (ELM) is required by CSU unless the student is certified in area B3 by a community college.

1. Physical Sciences:

- Astronomy 12*, 20, 25
- Chemistry 1A*, 1B*, 4*, 7A*, 7B*, 20*, 21A*, 21B*
- Geography 1, 6*, 9
- Geology 1, 2, 3*, 4*, 6*, 15, 30*, 32*, 34*, 36*
- Oceanography 10*
- Physical Science 25*
- Physics 1A*, 1B*, 1C*, 1D, 2A*, 2B*, 3A*, 3B*, 11, 12*

Preparation for Transfer (continued)

CSU General Education Requirements (continued)

- 2. Life Sciences:**
 Anatomy 30*, 32*
 Anatomy and Physiology 34A*, 34B*
 Anthropology 1, 5*
 Biology 8*, 10*, 11*, 12*, 15, 16*, 17, 18*, 101*, 102*, 103
 Microbiology 33*
 Physiology 31*
 Psychology 7
- 3. The courses listed above in B.1. and B.2. marked with an asterisk meet the laboratory requirement.**
- 4. Mathematics/Quantitative Reasoning:**
 Mathematics 110, 111, 115, 120, 130, 140, 150, 160, 161, 170, 180, 190, 210, 220, 270
 Psychology 9A
 Sociology 109
- Area C - Arts, Literature, Philosophy and Foreign Languages (minimum 9 units)**
 At least one course from subsection 1 and one course from subsection 2.
- 1. Arts:**
 Architecture 104
 Art 1, 2, 3, 4, 5A, 5B, 6, 7, 9, 108, 109, 150
 Communication Studies 8
 Dance 1, 3
 Film/Video 1, 54abc
 Music 11, 12, 13, 15A, 15B, 16, 17
 Photography 150
 Theater 1, 4, 8
- 2. Humanities:**
 American Studies 7
 Chinese 1, 2, 24
 English 1B, 10, 12, 15A, 15B, 18, 20, 21, 22, 23, 24A, 25A, 26, 27, 28, 29, 30, 31, 32abc, 34, 35, 36, 39, 40A, 40B, 41A, 41B, 42, 43, 44, 46, 47, 48
 Film/Video 51, 52, 53
 French 1, 2, 3, 4, 5, 6, 24
 German 1, 2, 3
 History 101, 102, 105, 106, 108, 110, 111, 112, 114, 122, 128, 129, 140, 141, 143, 145, 152, 154, 162, 163, 165, 175, 176, 177, 178, 183, 184, 190
 Humanities 1
 Italian 1, 2, 24
 Japanese 1, 2, 3, 4, 25
 Philosophy 2, 3, 7, 10, 11, 12, 14, 23
 Sign Language/Interpreter Training 15, 16, 17A, 17B, 202
 Spanish 1, 2, 3, 4, 5, 6, 24, 52A, 52B
- Area D - Social, Political and Economic Institutions and Behavior; Historical Background (minimum 9 units)**
 Courses must be selected from at least two different subsections. Courses listed in more than one subsection can be used for credit in one subsection only.
- 1. Anthropology and Archaeology:**
 Anthropology 2, 3, 4, 6, 7, 8, 9, 10, 11, 12
- 2. Economics:**
 Economics 1, 2, 5
- 3. Ethnic Studies:**
 Communication Studies 14
 Ethnic Studies 1
- History 108, 110, 111, 112, 114, 122
 Political Science 5
 Psychology 10
 Sociology 107
- 4. Gender Studies:**
 Anthropology 9
 History 105, 106
 Women's Studies 1
- 5. Geography:**
 Geography 2, 5, 7
- 6. History:**
 History 101, 102, 105, 106, 108, 110, 111, 112, 114, 122, 128, 129, 140, 141, 143, 145, 152, 154, 162, 163, 165, 175, 176, 177, 178, 183, 184, 190
 History of Science 11
- 7. Interdisciplinary Social/Behavioral Science:**
 American Studies 7
 Child Development 103
 Communication Studies 5, 14
 Global Studies 101
 Journalism 12
 Sign Language/Interpreter Training 202
- 8. Political Science, Government and Legal Institutions:**
 Political Science 1, 2, 3, 5, 6, 8, 10
- 9. Psychology:**
 Physical Education 275
 Psychology 2, 5, 8, 9B, 10, 12, 15, 16, 21, 22
 (same as Physical Education 275)
- 10. Sociology and Criminology:**
 Sociology 101, 102, 104, 107, 108, 112
- Area E - Lifelong Understanding and Self-Development (3 units)**
 Child Development 103
 Contemporary Health 1
 Human Development 10
 Nutrition and Foods 11
 Physical Education 275, 280
 Psychology 2, 12, 16, 22, 33
 Sociology 102
- One unit may be taken from: Physical Education 1abcd, 2abcd, 3abcd, 4abcd, 7abcd, 47abcd, 54abcd, 57abc, 58abc, 65abc, 66abc, 70abc, 71abc, 74abcd, 80abc, 81abc, 101abcd, 102abcd, 110abcd, 111abcd, 132abcd, 133abc, 204abcd, 220abcd, 221abcd, 224abcd, 232abcd, 233abcd, 234abcd, 238abcd, 240abcd, 241abcd, 242abcd, 246abcd, 250abcd, 251abcd, 253abcd, 256abcd, 260, 300abcd, 400abcd, 401abcd, 402abcd, 403abcd, 404abcd, 407abcd, 409abcd
- (Warning: an Area E approved two-unit course would be required with one of these one-unit courses to meet the 3 unit minimum. El Camino College does not currently offer an approved 2-unit course in this area. See your counselor for further information.)*
- All CSU campuses have a graduation requirement in U.S. History, Constitution, and American Ideals of 6 semester units. One course is required from Group 1 and one course is required from Group 2.
- Group 1: History 101, 102, 105, 106, 108, 110, 111, 112, 122
 Group 2: Political Science 1, 8

Preparation for Transfer (continued)

University of California

The University of California has 10 campuses located throughout the state. Each campus within the system has its own unique geographic and academic character. The university offers bachelor's, master's, and doctoral degrees in a variety of subject areas.

University of California Admission Requirements

To be minimally eligible for admission to the University of California as a transfer student, a student must fulfill the following criteria:

- A. Complete 60 UC transferable semester units (90 quarter units) with a minimum GPA of 2.4 (2.8 for non-residents).
- B. Complete the following course pattern requirements, earning a grade of C or better in each course: two transferable college courses in English composition; one transferable college course in mathematical concepts and quantitative reasoning; four transferable college courses chosen from at least two of the following subject areas: arts and humanities, social and behavioral sciences, and physical and biological sciences. Note: The IGETC General Education Transfer Pattern will meet these course requirements. However, some students, depending on the transfer major and university, may not be well served by following IGETC.
- C. Complete as many major preparation courses as possible. Major preparation may be viewed at www.assist.org. Note: Selective majors are requiring certain courses to be completed before transfer with a higher grade point average.

The University of California allows up to 70 UC transferable units from a community college. Students who complete more than 70 units at the community college may still complete courses to fulfill course requirements but will not be able to transfer more than the 70 units of credit to the University.

Intersegmental General Education Transfer Curriculum (IGETC)

The Intersegmental General Education Transfer Curriculum (IGETC) is a series of courses prospective transfer students attending California community colleges may complete at the community college to satisfy the lower division breadth/general education requirements at both the University of California and the California State University.

Students have the option of completing the IGETC or the specific lower division breadth/general education requirements of the school or college at the campus they plan to attend. The IGETC must be completed prior to transfer. The University has an agreement with each California community college that specifies which of its courses may be applied to each category of the IGETC. All courses must be completed with a grade of C or better.

The IGETC is most helpful to students who want to keep their options open. Certain students, however, will not be well served by following IGETC. Students, who intend to transfer into majors that require extensive lower division preparation, such as those in engineering or the physical and natural sciences, should concentrate on completing as many prerequisites for the major before transfer.

The IGETC is not an admission requirement. Completing IGETC does not guarantee admission to the campus or program of choice. However, completing the lower division breadth/general education requirements, whether through the IGETC or the campus specific requirements, may be considered by the campus in the selection process. Students who do not complete the IGETC before transferring will be required to satisfy the campus-specific lower division general education requirements of the college they attend.

Certification

Certification means that the last community college attended prior to transfer will verify that the student has completed the entire IGETC pattern. It is the student's responsibility to obtain full certification during the last semester of attendance prior to transfer. IGETC certification may be requested at the Records Window.

IGETC Course Requirements

Area 1: English Communication

UC and CSU transfers complete groups A and B; Group C is required for CSU transfers only.

Group A: English 1A

Group B: One course from: English 1C, Philosophy 5, Psychology 3; [The following two - course combinations acceptable if English 1B was taken prior to fall, 1993: English 1B and Philosophy 8 or English 1B and Psychology 3 (Psychology 3 stands alone if taken fall, 1992 or later)]

Group C (CSU transfers only): One course from: Communication Studies 1, 3, 4, 12?

Area 2: Mathematical Concepts and Quantitative Reasoning

One course, 3 semester or 4-5 quarter units:

Mathematics 115^o #, 120, 130+, 140, 150#, 160#, 161#, 180#, 190#, 191#, 210, 220, 270

Psychology 9A?

Sociology 109?

Area 3: Arts and Humanities

Three courses, 9 semester or 12-15 quarter units; at least one course from Arts and one course from Humanities:

A. Arts:

Art 1, 2, 3, 4, 5A, 5B, 6, 7, 9&, 108, 109, 150

Dance 1\$, 3^o

Film/Video 1&, 54abc

Music 11, 12, 13, 15A, 15B, 16, 17

Photography 150

Theatre 1, 4

B. Humanities:

American Studies 7

Chinese 2?, 24

English 1B+, 10+, 12+, 15A, 15B, 18, 20, 21, 23, 26⁺, 27,

28, 29, 30, 31, 34, 35, 36, 39, 40A~, 40B~, 41A^o#, 41B^o,

42~, 44, 46^o, 47, 48

Film/Video 51, 52, 53

French 24⁺

German 3

Preparation for Transfer (continued)

IGETC Course Requirements (continued)

History 101, 102, 105, 106, 108, 110, 111, 112, 114, 122, 128, 129, 140, 141, 143, 145, 152, 154, 162, 163, 165, 175, 176, 177, 178, 183, 184, 190
 Humanities 1?
 Italian 24
 Japanese 2, 3, 4, 25
 Philosophy 2, 3, 7, 10, 11, 12, 14, 23
 Sign Language Interpreter Training 16?, 17A?, 20?
 Spanish 52A⊙, 52B⊙, 24⊕

Area 4: Social and Behavioral Sciences

Three courses, 9 semester or 12-15 quarter units, from at least two disciplines or an interdisciplinary sequence:
 American Studies 7~
 Anthropology 2, 3, 4?, 6, 7?, 8°, 9?, 11?, 12
 Child Development 103&
 Communication Studies 5?, 14?
 Economics 1, 2, 5#
 Ethnic Studies 1?
 Geography 2, 5, 7
 Global Studies 101
 History 101, 102, 105, 106, 108, 110, 111, 112, 114, 122, 128, 129, 140, 141, 143, 145, 152, 154, 162, 163, 165, 175, 176, 177, 178, 183, 184, 190
 History of Science 11^
 Journalism 12
 Political Science 1#, 2, 3, 5, 6⊕, 10
 Psychology 2, 5, 8, 10~, 11, 12?, 15?, 16⊙, 21?
 Sociology 101, 102?, 104, 107?, 108, 112?
 Women's Studies 1>

Area 5: Physical and Biological Sciences

Two courses, 7-9 semester or 9-12 quarter units; one physical science course, one biological science course; at least one course must include a laboratory (*indicates a lab course):

A. Physical Sciences:

Astronomy 12, 20#, 25#
 Chemistry 1A*, 1B*, 4*#, 7A*, 7B*, 20*#, 21A*, 21B*
 Geography 1, 6*, 9
 Geology 1, 2, 3*4*, 15^, 30*, 32*, 34*, 36*
 Oceanography 10*
 Physical Science 25?

Physics 1A*#, 1B*#, 1C*#, 1D*#, 2A*#, 2B*#, 3A* >, 3B*\$, 11#, 12*#

B. Biological Sciences:

Anatomy 30*#, 32*#
 Anatomy and Physiology 34A*, 34B*
 Anthropology 1, 5
 Biology 8*\$, 10*#, 11* >, 15, 16*, 17\$, 18*\$, 101*, 102*, 103\$
 Microbiology 33*
 Physiology 31*#
 Psychology 7

UC Only: Language other than English: Proficiency equivalent to two years of high school study in the same language or at least one semester of college level foreign language course work.

Appropriate courses at El Camino College: Chinese 1, French 1, German 1, Italian 1, Japanese 1, Sign Language Interpreter Training 15?, Spanish 1.

CSU Only: Graduation requirement in American History and American Institutions.

History: 101, 102, 105, 106, 108, 110, 111, 112, 122
 Institutions: Political Science 1, 8

- + Indicates course only acceptable in this area if taken fall, 1993 or later.
- ^ Indicates course only acceptable in this area if taken fall, 1995 or later.
- ~ Indicates course only acceptable in this area if taken fall 1997 or later.
- > Indicates course only acceptable in this area if taken fall, 1998 or later.
- \$ Indicates course only acceptable in this area if taken fall, 1999 or later.
- ° Indicates course only acceptable in this area if taken fall, 2000 or later.
- ? Indicates course only acceptable in this area if taken fall, 2001 or later.
- ⊙ Indicates course only acceptable in this area if taken fall, 2002 or later.
- ⊕ Indicates course only acceptable in this area if taken fall, 2003 or later.
- & Indicates course only acceptable in this area if taken fall, 2004 or later.
- ^ Indicates course only acceptable in this area if taken fall, 2005 or later.
- ⊕ Indicates course only acceptable in this area if taken fall, 2006 or later.
- ? Indicates course only acceptable in this area if taken fall, 2007 or later.
- # Indicates that transfer credit may be limited by UC or CSU or both; please consult with a counselor.



ENGLISH

A.A. Degree

Humanities Division

www.elcamino.edu/academics/humanities

The degree program in English develops the student's ability to read both prose and poetry with understanding and discernment. The student will acquire competence in writing college-level expository essays and applying research strategies. The student will also develop interpretive and analytical skills through exposure to a wide range of literature. Competencies will be assessed primarily by evaluating the student's critical thinking abilities as demonstrated through written work. Completion of the program prepares the English major for any profession or industry requiring strong communication skills as well as transfer.

El Camino College Major Requirements

At least 50% of the courses required for the English major must be completed at El Camino College.

English 1A and 1B or 1C;

a minimum of 6 units from Literature: English 15A, 15B, 20, 21, 35, 36, 40A, 40B;

a minimum of 6 units from Electives: English 1B*, 1C*, 10, 12, 15A*, 15B*, 18, 20*, 21*, 22, 23, 24A, 25A, 26, 27, 28, 29, 30, 31, 32abc, 33, 34, 35*, 36*, 38, 39, 40A*, 40B*, 41A, 41B, 42, 43, 44, 46, 47, 48, 98abcd
(* if not used for required composition)

Total Units: 19

Preparation for the Transfer Major

For information on the specific university major requirements, please obtain a transfer curriculum guide sheet in the Counseling Services Center, consult with your counselor, or visit the Transfer Center. You may use the transfer major requirements to help you fulfill your associate degree requirements.

FRENCH

A.A. Degree

Humanities Division

www.elcamino.edu/academics/humanities

By completing the degree requirements, the student will acquire proficiency in speaking, reading, writing, and understanding French and will gain knowledge of French and Francophone cultures. The student will be able to communicate in French, write formal compositions, and read the texts of French and Francophone authors, all at the intermediate-mid level of competency. Competencies will be assessed throughout the language sequence with written and oral exams. This major provides career opportunities where knowledge of French is useful and prepares students for continued advanced learning of French.

The student who has completed two or more years of French in high school will have the opportunity to enroll with advanced standing and to complete semesters 5 and/or 6 at El Camino College. It is recommended that language majors enroll in conversation classes.

El Camino College Major Requirements

At least 50% of the courses required for the French major must be completed at El Camino College.

French 4 must be completed at El Camino College.

French 4;

and 4-11 units from: French 1, 2, 3, 5, 6, 21ab, 22ab;

a minimum of 3 units from: Art 3, 4, Business 90, 91, English 15A, 15B, 35, 36, French 24, History 140, 141

Total Units: 18

Preparation for the Transfer Major

For information on specific university major requirements, please obtain a transfer curriculum guide sheet in the Counseling Services Center, consult with your counselor, or visit the Transfer Center. You may use the transfer major requirements to help you fulfill your associate degree requirements.

JAPANESE

A.A. Degree

Humanities Division

www.elcamino.edu/academics/humanities

By completing the degree requirements, the student will acquire proficiency in speaking, reading, writing, and understanding Japanese and will gain knowledge of Japanese culture. The student will be able to communicate in Japanese, write formal compositions, and read the texts of Japanese authors, all at the intermediate-mid level of competency. Competencies will be assessed throughout the language sequence with written and oral exams. This major provides career opportunities where knowledge of Japanese is useful and prepares students for continued learning of Japanese.

The student who has completed two or more years of Japanese in high school will have the opportunity to enroll with advanced standing.

El Camino College Major Requirements

At least 50% of the courses required for the Japanese major must be completed at El Camino College. Japanese 4 must be completed at El Camino College.

Japanese 4;

and 4-11 units from: Japanese 1, 2, 3, 21ab, 22ab;

a minimum of 3 units from: Anthropology 2, Art 5B, Business 90, 91, English 35, 36, History 175, 176, Japanese 25, Philosophy 7, Political Science 2, 10

Total Units: 18

Preparation for the Transfer Major

For information on specific university major requirements, please obtain a transfer curriculum guide sheet in the Counseling Services Center, consult with your counselor, or visit the Transfer Center. You may use the transfer major requirements to help you fulfill your associate degree requirements.

PHYSICAL SCIENCE

A.S. Degree

Natural Sciences Division

www.elcamino.edu/academics/naturalsciences

The physical science program provides students the opportunity to investigate diverse methods of inquiry by experiencing courses from a cross section of science disciplines. Students will develop critical thinking skills, learn to communicate effectively in writing, and acquire an understanding of major scientific concepts. Through course options, students will use mathematical concepts to solve problems and employ methods of scientific inquiry to understand the world around them. Completion of the degree requirements will prepare students with the skills and resources needed to facilitate academic and career decisions. Competencies will be assessed through regularly scheduled theory and laboratory examinations.

El Camino College Major Requirements

One of the following two-semester sequences: Chemistry 1A-1B, Physics 1A-1B, Physics 1A-1C, Physics 2A-2B, Physics 3A-3B;

an additional 10-13 units from the following courses to reach of total of 20 units: Astronomy 12, 20, 25, Chemistry 4, 7A, 7B, Computer Science 1, 10, Geology 1, 2, 3, 4, 15, Mathematics 150, 180, 190, 191, 220, 270, Physics 1C, 1D

Total Units: 20

SPANISH

A.A. Degree

Humanities Division

www.elcamino.edu/academics/humanities

By completing the degree requirements, the student will acquire proficiency in speaking, reading, writing, and understanding Spanish and will gain knowledge of Spanish and Spanish-American culture. The student will be able to communicate in Spanish, write formal compositions, and read the text of Spanish and Spanish-American authors, all at the intermediate-mid level of competency. Competencies will be assessed throughout the language sequence with written and oral exams. This major provides career opportunities where knowledge of Spanish is useful and prepares students for continued advanced learning of Spanish.

The student who has completed two or more years of Spanish in high school will have the opportunity to enroll with advanced standing and to complete semesters 5 and/or 6 at El Camino College. It is recommended that language majors enroll in conversation classes.

El Camino College Major Requirements

At least 50% of the courses required for the Spanish major must be completed at El Camino College. Spanish 4 must be completed at El Camino College.

Spanish 4;

and 4-11 units from: Spanish 1, 2, 3, 5, 6, 21ab, 22ab, 52A, 52B;

a minimum of 3 units from: Anthropology 7, Art 7, Business 90, 91, English 42, 48, History 112, 154, Spanish 24

Total Units: 18

Preparation for the Transfer Major

For information on specific university major requirements, please obtain a transfer curriculum guide sheet in the Counseling Services Center, consult with your counselor, or visit the Transfer Center. You may use the transfer major requirements to help you fulfill your associate degree requirements.