



EL CAMINO COLLEGE

2012-2013 | 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 of the college catalog 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, 3
Geography 2, 5, 7
Global Studies 101
History 114, 129, 140, 141, 143, 145, 152, 154, 162, 163, 165, 175, 176, 178, 183, 184
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, 12, 15A, 15B, 20, 21, 23, 26, 27, 28, 30, 31, 34, 35, 36, 39, 40A, 40B, 41B, 42, 43, 44, 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
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, 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

Associate in Arts Degree (continued)

(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 4 of this catalog addendum.

OPTION III: CSU/UC (IGETC) REQUIREMENTS

See page 6 of this catalog addendum.

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 the 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 of the college catalog 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, 3

Geography 2, 5, 7

Global Studies 101

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

175, 176, 178, 183, 184

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

Associate in Science Degree (continued)

Chinese 1, 2, 24
 Communication Studies 8
 Dance 1, 3
 English 1B, 12, 15A, 15B, 20, 21, 23, 26, 27, 28, 30, 31, 34, 35, 36, 39, 40A, 40B, 41B, 42, 43, 44, 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

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, 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 4 of this catalog addendum.

OPTION III: CSU/UC (IGETC) REQUIREMENTS

See page 6 of this catalog addendum.

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 the 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.

Admission requirements may 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*

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

Preparation for Transfer (continued)

CSU General Education Requirements (continued)

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, 12, 15A, 15B, 20, 21, 23, 24A, 25A, 26, 27, 28, 30, 31, 34, 35, 36, 39, 40A, 40B, 41B, 42, 43, 44, 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
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, 3
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
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
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+, 12+, 15A, 15B, 20, 21, 23, 26⁺, 27, 28, 30, 31,

34, 35, 36, 39, 40A~, 40B~, 41B^o, 42~, 44, 47, 48

Film/Video 51, 52, 53

French 24⁺

German 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

Preparation for Transfer (continued)

Humanities 1?
 Italian 24
 Japanese 2, 3, 4, 25
 Philosophy 2, 3, 7, 10, 11, 12, 14, 23
 Sign Language Interpreter Training 16?, 17A?, 202
 Spanish 3, 4, 24♣, 52A⊙, 52B⊙

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?, 3
 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
 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

C. Laboratory science courses are marked with an asterisk (*indicates a lab course):

UC Only: Language other than English: The requirement may be met by one of the following. A course at ECC: Chinese 1, French 1, German 1, Italian 1, Japanese 1, Sign Language 15≠, Spanish 1, 52A, 52B.

- Two years of high school coursework in a language other than English with a final grade of C or better. The two years must be in the same language (high school transcripts must be on file with ECC).

- Foreign language course (or courses) at another college or university that is comparable to two years of high school foreign language.
 - Satisfactory score on the SAT II: Subject Test in languages other than English. (if taken before May 1995, use the first score; if taken after May 1995, use the second score): Chinese with Listening 500/520; French/French with Listening 500/540; German/German with Listening 500/510; Hebrew (modern) 500/470; Italian 500/520; Japanese with Listening 500/510; Korean /500; Latin 500/530; Spanish/ Spanish with Listening 500/520
 - Score of 3 or better on the College Board Advanced Placement Examinations in languages other than English.
 - Score of 5 or higher on the International Baccalaureate Higher Level Examinations in languages other than English.
 - Satisfactory completion of an achievement or proficiency test administered by a community college, university or other college in a language other than English. The test must assess the student proficiency at a level equivalent to at least two years of high school language. This conclusion must be posted on a transcript indicating unit, course title, and grade or on a document with letter head of the institution granting proficiency stating that the student has mastered proficiency in the language equivalent to two years of high school language.
 - Language other than English "O" level exam with a grade of A, B, or C.
 - Language other than English International "A" level exam with a score of 5, 6, 7.
 - Satisfactory completion of C grades or better, of two years of formal schooling at the sixth grade level or higher in an institution where the language of instruction is not English. Note: If the secondary school was completed in a non-English speaking country and the language of instruction of the secondary school was not English, language other than English proficiency can be certified for IGETC without further evaluation. The student must present appropriate documentation of attendance at the secondary school.
- 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.

GEOLOGY

A.S. Degree for Transfer

Natural Sciences Division

www.elcamino.edu/academics/naturalsciences

The geology program is designed to provide students the opportunity to obtain a transfer degree upon successful completion of the geology major requirements. The student will acquire the ability to apply the theory of plate tectonics, knowledge of geologic hazards, and principles of geologic time to natural phenomena. Laboratories complement the lecture material providing the student with a foundation in observational and interpretive techniques. Competencies are assessed by examining the student's ability to make careful observations of earth materials and processes, explain observations, predict future outcomes of earth processes, and successfully complete laboratory and field trip activities.

The Associate in Science for Transfer (AS-T) is intended for students who plan to complete a bachelor's degree in a similar major at a CSU campus. Students completing the AS-T are given priority consideration for admission to the CSU system, but not to a particular campus or major. In order to earn an AS-T degree, students must complete:

- 1) a minimum of 18 semester units in the major
- 2) a minimum 60 required semester units of CSU-transferable coursework with a minimum GPA of 2.0
- 3) the CSU General Education Breadth requirements or Intersegmental General Education Transfer Curriculum (IGETC)

Students who have completed the AS-T will have a strong academic foundation in the field and will be prepared for upper division baccalaureate study at the university. The coursework will satisfy most of the lower-division requirements at many institutions within the California State University system. Students transferring to a UC, private, or out of state university should consult with an El Camino College counselor when planning to complete the degree since transfer requirements may be slightly different than those required for the AS-T.

El Camino College Major Requirements

Geology 1, 2, 3, 4, Chemistry 1A, 1B, Mathematics 190, 191

Total Units: 28

MUSIC

A.A. Degree and Certificate of Achievement

Fine Arts Division

www.elcamino.edu/academics/finearts

By completing the degree or certificate requirements, students gain theoretical and practical knowledge of the music and/or entertainment industries. The degree provides students with a comprehensive foundation in music theory, history, and performance. This is achieved through a structured training program which includes solos, ensembles, musicianship, basic vocal, keyboard, and technological skills. Completing the certificate requirements prepares students for entry-level positions in music merchandising, audio for film/video production, computer music synthesis, songwriting, and recording engineering. Students will demonstrate proficiency throughout the program by analyzing, writing, interpreting, and performing pieces of music, or through demonstrating skills in music technology. Program assessment is measured by juried and public performances, program completion, transferability, and periodic program review.

El Camino College Major Requirements

8 units from Music Theory: Music 3A, 3B, 3C

6 units from Music History: Music 15A, 15B

4 units from Keyboard: Music 31A, 31B, 31C, 31D, 32abcd

2 units from Voice: Music 18ab, 19abcd, 40abcd, 41abcd

4 units from: Music 23abcd

Performance - minimum of six units from: Music 52abcd, 53abcd, 55abcd, 57abcd, 64abcd, 65abcd, 67abcd, 68abcd, 69abcd, 70abcd, 71abcd, 72abcd

Total Units: 30

Recommended Electives: Music 2A, 2B, 5, 8A, 8B, 20abcd, 22abcd, 30ab, 60abcd, 61abcd, 62abcd, 63abcd, 76abcd, 79abcd, 80abc, 81A, 81B, 90abcd, 131ab

Preparations 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.

Certificate of Achievement

A Certificate of Achievement will be granted upon completion of all program requirements.

Commercial Music

Music 1, 80abc*, 81A, 81B, 82abc*, 83abcd*, 84, 85ab* (* one semester)

Total Units: 20

PHYSICAL EDUCATION

A.A. Degree and Certificate of Accomplishment

Health Sciences and Athletics Division
www.elcamino.edu/academics/healthsciences

The degree provides an orientation to the profession through participation in diverse physical activities and study of the dimensions of exercise. Students will acquire the ability to utilize principles of human anatomy, physiology, and behavioral processes in a variety of exercise and sport applications. Competencies will be assessed by a student's ability to solve problems in exercise program design and to evaluate movement skills, tactics, and strategies in various physical activities. Upon completion of the program, students will qualify to pursue advanced degree options or entry-level positions in the discipline.

El Camino College Major Requirements

Anatomy 30, Psychology 5, Physical Education 277, 280, First Aid 1;
plus 8 units of activity-units distributed over a minimum of 4 activity categories to include:
Aquatics: Physical Education 240abcd, 241abcd, 242abcd, 243abcd, 244ab;
Combatives: Physical Education 14abcd, 220abcd, 221abcd;
Court/Racquet: Physical Education 4abcd, 204abcd, 232abcd, 251abcd, 253abcd;
Dance: Dance 10, 12abcd, 14ab, 16ab, 19ab, 22ab, 23abcd, 32ab, 33abcd, 42ab, 43abcd, 61ab, 62abcd;
Fitness: Physical Education 1abcd, 2abcd, 54abcd, 101abcd, 102abcd, 135abcd, 245abcd, 260, 285abcd, 300abcd, 302abcd;
Individual Sports: Physical Education 208abcd, 224abcd;
Team Sports: Physical Education 4abcd, 7abcd, 74abcd, 204abcd, 238abcd, 253abcd
Note: Up to 4 units of intercollegiate sports can be counted toward the required 8 activity units.
Total Units: 24

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.

Certificate of Accomplishment

A Certificate of Accomplishment will be granted upon completion of all program requirements.

Fitness Trainer

First Aid 1, Physical Education 1abcd*, 277, 280, 290 (*one semester)
Total Units: 13

PSYCHOLOGY

A.A. Degree for Transfer

Behavioral and Social Sciences Division
www.elcamino.edu/academics/behavioralsocial

This degree is designed to provide students with a foundation in the science of psychology. Psychology majors will acquire the ability to survey theories critically, research the major areas of psychology, use descriptive and inferential statistics, design and conduct research, and write reports using analysis, argumentation, and proper psychological style. This major prepares students for career opportunities in fields such as teaching, research, and/or clinical practice. Competencies will be assessed regularly by evaluating student performance on exams, essays, and reports.

The Associate in Arts for Transfer (AA-T) is intended for students who plan to complete a bachelor's degree in a similar major at a CSU campus. Students completing the AA-T are given priority consideration for admission to the CSU system, but not to a particular campus or major. In order to earn an AA-T degree, students must complete:

- 1) a minimum of 18 semester units in the major
- 2) a minimum 60 required semester units of CSU-transferable coursework with a minimum GPA of 2.0
- 3) the CSU General Education Breadth requirements or Intersegmental General Education Transfer Curriculum (IGETC)

Students who have completed the AA-T will have a strong academic foundation in the field and will be prepared for upper division baccalaureate study at the university. The coursework will satisfy most of the lower-division requirements at many institutions within the California State University system. Students transferring to a UC, private, or out of state university should consult with an El Camino College counselor when planning to complete the degree since transfer requirements may be slightly different than those required for the AA-T.

El Camino College Major Requirements

Required Core: 11 units

Psychology 5 and 9B; Psychology 9A or Sociology 109 or Mathematics 150

List A (select one): 3-4 units

Psychology 7 or Biology 10

List C (select two): 6 units

Psychology 2, 3, 8, 10, 12, 15, 16, 21; Psychology 22 or Physical Education 275

Total Units: 20 - 21

RECREATION

A.A. Degree and Certificate of Accomplishment

Health Sciences and Athletics Division
www.elcamino.edu/academics/healthsciences

The degree is designed for students desiring to transfer or to obtain entry-level positions in recreation and leisure services. After acquiring the historical, philosophical, and theoretical foundations of recreation, students will apply administrative, leadership, planning, supervision, and counseling skills in diverse commercial, municipal, and camp recreation settings. Competencies will be assessed by evaluating the student's ability to solve problems in recreation and leisure program design and to develop organizational skills in a variety of situations.

El Camino College Major Requirements

First Aid 1, Physical Education 217, Recreation 207, 217, 307;
plus 7-9 units from: Anatomy 30, Child Development 103, Music 7, Physical Education 242abcd*, 243abcd*,
Psychology 5, Sign Language/Interpreter Training 15 (*one semester)
Total Units: 21-23

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.

Certificate of Accomplishment

A Certificate of Accomplishment will be granted upon completion of all program requirements. All units required for the certificate must be completed at El Camino College.

Recreation Leadership

First Aid 1, Recreation 207, 217

Elective Courses: 6 units

Child Development 104, Physical Education 201, 217, 277, 242abcd* (* one semester)

Total Units: 15