**IGETC Transfer Pattern 2020-2021**

**MJC General Education Transfer pattern for California State University or the University of California**

IGETC is a general education pattern that, upon full or "partial" (all but two courses) certification, will satisfy all or most lower-division general education requirements at California State University (CSU) campuses, most University of California (UC) campuses, majors, and some private/independent out-of-state universities. However, it is not the only way to fulfill the lower-division GE requirements for baccalaureate degrees prior to transfer to a university. Part of the transfer process will require GE breadth certification. All courses must be passed with a grade of "C" or higher. IGETC certification is not recommended for "high-unit" majors. Complete a Guidance class or meet with a counselor to accurately plan coursework to satisfy transfer admission and upper-division major requirements.

### AREA 1: English Communication

For transfer to CSU, complete 3 courses, 1 from each group. For transfer to UC, complete 2 courses, one from Group 1A, and one from Group 1B.

#### Group 1A: English Composition

- Complete one course, or three (3) semester units
  - ENGL 100 Intro to Readings, Writing, Rsrng (5)(F17)
  - ENGL 101 Comp & Reading (3)

#### Group 1B: Critical Thinking/English Composition

- Complete one course, or three (3) semester units
  - COMM 104 Argumentation (3)(SU14)
  - ENGL 100 Adv Comp & Critical Thinking (3)
  - PHIL 100 Critical Realis & Analytic Writing (3)

#### Group 1C: Oral Communication (CSU ONLY)

- Complete one course, or three (3) semester units
  - COMM 100 Fund of Public Speaking (3)(SU14)
  - COMM 102 Intro to Human Comm (3)(SU14)
  - COMM 110 Persuation (3)(SU14)

### AREA 2A: Mathematical Concepts and Quantitative Reasoning

Complete one course, or three (3) semester units

- CSCI 204 Discrete Struct for Comp Sci (3)(SU15)
- MATH 101 Math Ideas & Application (3)
- MATH 111 College Algebra (3)(F02)**
- MATH 120 Finite Mathematics (3)
- MATH 134 Elementary Statistics (4)
- MATH 138 Calculus for Bus/Soc Sci (3)**
- MATH 162 Precalculus (4)(SU17)
- MATH 171 Calculus: 1st Course (4)**
- MATH 172 Calculus: 2nd Course (4)
- MATH 173 Calculus: 3rd Course (4)(SU07)
- MATH 174 Intro to Diff Eq & Lin Alg (5)(SP07)
- MATH 191 Ordinary Differential Equations (3)(F20)
- MATH 193 Ordinary Differential Equations (3)(F20)
- PSYCH 121 Intro to Stats/Soc & Beh Sci (3)(F15)

### AREA 3: Arts and Humanities

Complete at least three (3) courses/ nine (9) semester units. One course must be from 1A and one from 1B, and one additional course from 1A or 1B.

#### Group 3A. Arts

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
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<tbody>
<tr>
<td>ART 151</td>
<td>Survey of Islamic Art (3)(F17)</td>
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<tr>
<td>ART 160</td>
<td>Appreciation of Art (3)</td>
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<td>ART 162</td>
<td>Hst of Renaissance Art (3)(F95)</td>
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<td>ART 163</td>
<td>Hst of Modern Art (3)(F95)</td>
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<td>ART 164</td>
<td>Hst of Art: 1 Prehist to Gothic (3)</td>
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<td>ART 165</td>
<td>Hst of Art 2: Ren to Contemp(3)</td>
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<td>ART 168</td>
<td>Hst of Photography (3)(F12)</td>
</tr>
</tbody>
</table>

#### Group 3B. Humanities

Complete at least three (3) courses/ nine (9) semester units. One course must be from 3A and one from 3B.

**Legend**

- ^ = While listed in more than one area, the course may be used to satisfy only one IGETC area
- ** = Denotes a lab course
- (F97) = If specified, course is eligible for IGETC only during and after the term/year indicated (F: Fall; SP: Spring; SU: Summer)

**IGETC IS NOT RECOMMENDED FOR CERTAIN COLLEGES AND MAJORS. PLEASE SEE "IGETC CONSIDERATIONS" ON PAGE 84 OF THE 2020-21 CATALOG.**
Complete at least two courses (7-9 semester units) one from 5A and one from 5B. To satisfy 5C, one course from 5A or 5B must be taken as a laboratory (1).

5A. Physical Science

ASTRO 160 Intro to Modern Astro (3)
ASTRO 160T* Intro to Mod Astro w/ Lab (3,1)
CHEM 101* Gen Chemistry 1 (5)
CHEM 102* Gen Chemistry 2 (5)
CHEM 112* Org Chemistry 1 (5)
CHEM 113* Org Chemistry 2 (5)
CHEM 122* Struct & React: Org Chem 1 (4)(SU15)
CHEM 123* Struct & React: Org Chem 2 (4)(SU15)
CHEM 142* Pre-Gen Chemistry (3)
CHEM 143* Intro College Chemistry (4)
CHEM 144* Fund. of Org & Biochem (4)
CHEM 150 Explore Chem Envrmn (3)(F09)
CHEM 150T* Explore Chem Envrmn Lab (3,2)(SU15)
EASC 161* Earth Sci (4)
EASC 162* Intro to Oceanography (4)(SU06)
EGEO 101/111* Physical Geography (3)
GEOL 160 Intro to Geology (3)(F09)
GEOL 161* Physical Geography (4)
GEOL 165 Geology of California (3)
GEOL 166* Historical Geography (4)
METEO 161* Intro to Meteorology (4)(SU09)
NR 202* Soils (3)(F05)
PHYS 180* Concepts of College Science: Hands-on (4)(SU15)
PHYS 101* Gen Phys: Mechanics (4)
PHYS 102* Gen Phys: Waves, Therm, Optics (4)
PHYS 103* Gen Phys: Elect, Mag & Mod Phys (4)
PHYS 142* Mech, Heat & Waves (4)
PHYS 143* Elect, Mag, Opt, Atnm, & Nucl (4)(SU16)
PHYS 160 Describe Intro to Phys (3)
PHYS 165* Intro Phys (4) (SU16)
PHYS 180* Concepts of College Science: Hands-on (4)(SU08)

5B. Biological Sciences

ANT 125* Human Anatomy (4)(SU16)
ANSC 200 Intro to Animal Sci (3)(SP06)
ANTHR 101* Biol Anthro (3)
ANTHR 101/105* Biol Anthro w/ Lab (3,1)(F91,F98)
ANTHR 110* Biological Anthropology with Lab (4)(F19)
BIO 101* Biological Principles (4)(SU15)
BIO 111* Gen Biology (4)
BIO 114* Gen Ecology (4)(F10)
BIO 115 Genetics, Evolution & Society (3)(SP07)
BIO 116* Bio: A Human Prspctv (4)(F10)
BIO 140* Intro to Marine Bio (4)
BIO 145* Intro to Freshwater Bio (4)
BOT 101* Gen Botany (4)
BOT 110* Plant Biology (3)(F15)
ENSCL 108 Environ Conservation (3)(F97)

Students transferring to UC must demonstrate proficiency in a language other than English, equivalent to two years of high school study, through one of twelve mechanisms:

1. Completion of two years of high school coursework (US high school or high school in a country where the language instruction is in English) in a language other than English, with a grade of C- or better in each course. The two years must be completed in the same language.

2. Completion of one of the following MJC courses with a grade of C- or better. More advanced courses can also satisfy (IGETC: 3B).

   - FREN 101 French 1 (5)
   - FREN 102 French 2 (5)(F05)
   - GERM 101 German 1 (5)
   - ITAL 101 Italian 1 (5)(F07)
   - SIGN 125 ASL: Begin Comm w/Deaf (3)(F07)
   - SIGN 126 ASL: Interm Comm w/Deaf (3)(F05)
   - SIGN 127 ASL: Adv Comm w/Deaf (3)(F05)
   - SPAN 101 Spanish 1 (5)
   - SPAN 102 Spanish 2 (5)(F05)
   - SPAN 103 Spanish 3 (4)(F05)
   - SPAN 109 Span for Span Spkrs 1 (5)(F10)
   - SPAN 110 Span for Span Spkrs 2 (5)(F07)
   - SPAN 112 Intro to Chicano/a Lit (3)(F08)
   - SPAN 173 Surv of Latin Amer Lit (3)(S06)

3. Satisfactory completion of a college or university course(s) with a grade of C or better in each. For IGETC Area 6, the course(s) that can be used to satisfy Area 6 is indicated on the approved IGETC list for each college.

4. Satisfactory completion (grades of C or better), of two years of formal schooling at the 6th grade level or higher in an institution where the language of instruction is not English. Appropriate documentation must substantiate that the required coursework was completed. If no official sealed transcript can be obtained from a foreign institution, an unofficial transcript may be used to verify proficiency. When students cannot provide documentation they should pass one of the examinations/tests listed below (Items 5-12) or satisfactorily complete an appropriate language course at the college (Item 2 above).

5. Satisfactory score on the SAT Subject Test in Languages other than English. If taken before May 1995, the first score is the minimum; if taken after May 1995, use the second score.

6. Score of 3 or better on a College Board Advanced Placement (AP) Examination in a language other than English.

7. Score of 5 or higher on an International Baccalaureate (IB) Higher Level Examination in a language other than English.

8. Satisfactory completion of language proficiency test at a level equivalent to at least two years of high school language (credit by exam), administered by a community college, or college/ university in a language other than English. The results must be posted on the institution's transcript (unit, course title, and grade) and letterhead stating that the student has mastered proficiency in the language equivalent to two years of high school language.

9. If no proficiency test (credit by exam) is available, a faculty member associated with a United States-accredited institution of higher learning may verify a student's competency. The institution must supply a statement on institutional letterhead asserting that the student has mastered proficiency in the language equivalent to two years of high school study.

10. Language other than English "O" level exam with grade of A, B, or C. (Exams in British and former British Colonies.)

11. Language other than English International "A" level exam with a score of 5, 6, or 7. (Exams in British and former British colonies.)

12. A Defense Language Institute language other than English course which is indicated as "passed" with a C or higher on the official transcript.

"US History, Constitution and American Ideals"

Lower Division Requirement for CSU Baccalaureate Degree

6 units

The CSU US History, Constitution, and American Ideals requirements is not required for IGETC, but is a requirement for baccalaureate degree at CSU. Some courses below also appear in IGETC: 3B and/or 4F. However, individual campus curricula determine whether AI courses can be used to satisfy both CSU AI and IGETC 3B or 4F. In the absence of knowledge of a CSU campus policy for using a course to satisfy both areas, MJC will certify IGETC using courses in IGETC 3B/4F and the CSU AI requirement.

Group a: Complete three units, and

ECON 115 Econ Hist of the US (3)(F04)
HIST 101 Hist of US to 1877(3)(F04)
HIST 102 Hist of US Since 1865 (3)(F04)
HIST 112 20th Cent Amer (3)(F04)
HIST 113 Soc/Citil Hist 20th Cent Amer (3)(F04)
HIST 115 Econ Hist of the US (3)(F04)
HIST 116 Women in Amer Hist (3)(F04)
HIST 119 Soc/Citil Hist 20th Cent Amer (3)(F04)
HIST 154 Afr Amer thru 19th Cent (3)(F04)
HIST 155 Afr Amer thru 20th/21st Cent (3)(F04)

Group b: Complete three units

POLSC 101 Amer Politics (3)(F04)
POLSC 102 Const & Rights of Pers (3)(F04)
POLSC 120 Calif Politics & Problems (3)(F04)

OR

Group c: Complete 6 units

HIST 101 Hist of US to 1877 (3)(F04)
HIST 102 Hist of US Since 1865 (3)(F04)