PHILOSOPHY AND CRITERIA FOR ASSOCIATE DEGREE AND GENERAL EDUCATION

The philosophy and criteria for the Associate Degree and general education should address the considerations contained in Title 5, Section 55061 and Accreditation Standard II.A.3. These include, but are not limited to:

- The programs of the District are consistent with the institutional mission, purposes, demographics and economics of its community.

- The philosophy and criteria regarding the Associate Degree references the policy of the Board of Governors that the Associate Degree symbolizes a successful student’s journey through patterns of learning experiences designed to develop certain competences and insights, including:
  - integrating critical thinking skills with effective written and oral exposition and argument;
  - employing practical applications for problem solving using mathematical principles;
  - investigating various modes of scientific research and methodology;
  - developing an awareness of the role of arts in contemporary society;
  - developing a sensitivity to diversity and a respect for differences among individuals;
  - gaining perspective of various viewpoints relative to historical developments;
  - developing ethical and moral frameworks to interpret contemporary society;
  - developing self-understanding.

- The philosophy and criteria regarding general education references the policy of the Board of Governors that general education should lead to better self-understanding, including:
  - introducing students to the variety of means through which people comprehend the modern world;
  - introducing the content and methodology of the major areas of knowledge and provides an opportunity for students to develop intellectual skills, information technology facility, affective and creative capabilities, social attitudes, and an appreciation for cultural diversity.

— The Chaffey College Faculty Senate

P.R.I.D.E.
Faculty Values

Participate in…
- shared governance, department and school-wide activities
- fostering academic freedom
- the culture of learning and sharing ideas

Respect…
- students and all employee groups at the college
- the dignity and diversity of all students
- the capacity of all students to learn, grow, and succeed

Inspire…
- students to reach their goals
- students to have high academic and professional aspirations
- active learning and critical thinking
- other faculty to excellence and creativity

Develop…
- a culture of success and academic rigor
- the whole student
- a safe, learning-centered environment

Engage in…
- high hope and a growth mindset
- professional growth & lifelong learning
- innovative approaches to teaching
GRADUATION REQUIREMENTS

MINIMUM REQUIREMENTS FOR THE ASSOCIATE DEGREE (Title 5 § 55063)

The minimum requirements for graduation with an associate degree are specified by the Board of Governors of the California Community Colleges and the Chaffey College Governing Board. The Associate Degree will be granted upon fulfillment of the specific requirements listed below.

I. GENERAL EDUCATION (minimum 18 units)
   Complete a general education pattern as specified for each degree in the “Programs of Study” section in the Chaffey College catalog. General education course patterns are listed on the pages that follow. Students should consult with a counselor to determine which general education pattern is most appropriate for their educational goals.

II. MAJOR or AREA OF EMPHASIS (minimum 18 units)
   Complete the courses required for an associate degree program as described in the “Programs of Study” section in the Chaffey College catalog.

III. ELECTIVES (as needed)
   Complete any additional units necessary to meet the minimum degree unit requirement.

IV. BASIC SKILLS COMPETENCY REQUIREMENTS
   A. WRITTEN EXPRESSION
      Complete the composition course English 1A.
   
   B. MATHEMATICS
      Place into Mathematics 25 or higher as determined by the Chaffey assessment process, or complete one of the intermediate algebra or higher level math or statistics courses listed below:
      - Computer Science 4
      - Mathematics 4, 17, 25, 31, 60, 61, 65A, 65B, 75, 81, 85, 420+420B, 450
      - Social Science 10
      - Statistics 10

V. SCHOLARSHIP REQUIREMENTS
   All degree requirements including General Education must be completed with an overall grade point average of 2.00 (C average) or better. In addition, all courses that count toward the basic skills competency requirements and the Associate Degree major or area of emphasis must be satisfactorily completed with grades of A, B, C, or P.

VI. TOTAL UNITS and RESIDENCE REQUIREMENTS
   A minimum of 60 degree-applicable units are required to earn local associate degrees. Associate degrees for transfer (ADTs) require a minimum of 60 CSU-transferable units. A minimum of 12 units must be earned at Chaffey College.

OTHER REQUIREMENTS FOR GRADUATION

I. APPLICATION FOR GRADUATION
   Students must file a formal application for graduation through the Counseling Department (see www.chaffey.edu/counseling). Students may graduate at the end of any semester or Summer session. Refer to the academic calendar for application deadline dates.

II. CONTINUOUS ATTENDANCE / CATALOG RIGHTS
   The preceding graduation requirements apply to students during the 2018-2019 school year. Students who enrolled at Chaffey prior to Fall 2018 and who have maintained continuous attendance (attendance in at least one semester or two quarters, excluding Summer sessions, each calendar year - January 1 through December 31 - as indicated on a permanent record) at any accredited college, have the option of meeting the current requirements or those in effect at the time continuous attendance at Chaffey began. In the event that required courses have been discontinued, students may petition for course substitution by making an appointment with a counselor in the Counseling Department.
All students receiving an associate degree shall complete a pattern of general education coursework. Some associate degrees permit the use of the Chaffey College General Education pattern and other degrees, mostly those that provide transfer preparation, require the California State University General Education – Breadth (CSU GE-Breadth) pattern or the Intersegmental General Education Transfer Curriculum (IGETC) pattern. The specific general education pattern required for each degree is specified in the “Programs of Study” area in the Chaffey College catalog. Students should consult with a counselor to determine which general education pattern is most appropriate for their educational goals.

While a course might satisfy more than one general education requirement, it may not be counted more than once for these purposes. Except where noted in the “Programs of Study” section, a course may be double-counted and used to satisfy both a general education requirement and a major or area of emphasis requirement.

Completion of the Chaffey College General Education pattern requires a minimum of 18 units as distributed as follows:

<table>
<thead>
<tr>
<th>A. LANGUAGE AND RATIONALITY (minimum of 2 courses)</th>
</tr>
</thead>
<tbody>
<tr>
<td>A1 ENGLISH COMPOSITION (one course)</td>
</tr>
<tr>
<td>English 1A</td>
</tr>
<tr>
<td>A2 COMMUNICATION AND ANALYTICAL THINKING (one course)</td>
</tr>
<tr>
<td>Communication Studies 2, 4, 6, 8, 72</td>
</tr>
<tr>
<td>Computer Information Systems: Programming 1</td>
</tr>
<tr>
<td>Computer Science 1, 2, 4</td>
</tr>
<tr>
<td>English 1B</td>
</tr>
<tr>
<td>Mathematics 4, 17, 25, 31, 60, 61, 65A, 65B, 75, 81, 85, 420+420B, 450</td>
</tr>
<tr>
<td>Philosophy 75, 76</td>
</tr>
<tr>
<td>Social Science 10</td>
</tr>
<tr>
<td>Statistics 10</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>B. NATURAL SCIENCES (one laboratory science course)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anthropology 1 &amp; 1L</td>
</tr>
<tr>
<td>Astronomy 35</td>
</tr>
<tr>
<td>Biology 1, 2, 3, 20, 22, 23 &amp; 23L, 61, 424 &amp; 424L</td>
</tr>
<tr>
<td>Chemistry 7, 9, 10, 24A</td>
</tr>
<tr>
<td>Earth Science 1 &amp; 1L, 5 &amp; 5L</td>
</tr>
<tr>
<td>Geography 4 &amp; 5</td>
</tr>
<tr>
<td>Geology 1, 2</td>
</tr>
<tr>
<td>Physical Science 10</td>
</tr>
<tr>
<td>Physics 5 &amp; 6, 20A, 30A, 44, 45</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>C. HUMANITIES (minimum 4 units)</th>
</tr>
</thead>
<tbody>
<tr>
<td>At least two courses required, one from each of the following categories</td>
</tr>
<tr>
<td>C1 ARTS (one course)</td>
</tr>
<tr>
<td>Art 10, 12, 14, 15, 16, 18, 20, 44, 62A, 63, 82</td>
</tr>
<tr>
<td>Art History 3, 5, 7, 9, 11, 19</td>
</tr>
<tr>
<td>Broadcasting 3</td>
</tr>
<tr>
<td>Cinema 25, 26</td>
</tr>
<tr>
<td>Communication Studies 14</td>
</tr>
<tr>
<td>Dance 1</td>
</tr>
<tr>
<td>Fashion Design 20, 45</td>
</tr>
<tr>
<td>Interior Design 11, 12</td>
</tr>
<tr>
<td>Music 2A, 2B, 4, 5, 17, 21, 22, 26, 75, 76, 77, 78</td>
</tr>
<tr>
<td>Photography 1, 7, 9, 10, 13</td>
</tr>
<tr>
<td>Theatre Arts 1, 4, 5, 10, 12</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>C2 HUMANITIES (one course)</th>
</tr>
</thead>
<tbody>
<tr>
<td>American Sign Language 1, 2, 3, 4</td>
</tr>
<tr>
<td>Arabic 1, 2, 3, 4</td>
</tr>
<tr>
<td>Chinese 1, 2, 3, 4, 18</td>
</tr>
<tr>
<td>Economics 8</td>
</tr>
<tr>
<td>English 1C, 7A, 7B, 7D, 7E, 32, 33, 68, 70A, 70B, 71, 74, 75A, 75B, 76, 77, 79, 80A, 80B, 81</td>
</tr>
<tr>
<td>French 1, 2</td>
</tr>
<tr>
<td>History 1, 2, 5, 6, 7, 9, 10, 12, 40</td>
</tr>
<tr>
<td>Humanities 5, 6, 20</td>
</tr>
<tr>
<td>Philosophy 70, 72, 73, 77, 78, 80, 81, 82</td>
</tr>
<tr>
<td>Spanish 1, 2, 3, 3SS, 4, 4SS, 8, 13, 14, 16</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>D. SOCIAL AND BEHAVIORAL SCIENCES (minimum 4 units)</th>
</tr>
</thead>
<tbody>
<tr>
<td>At least two courses required, one from each of the following categories</td>
</tr>
<tr>
<td>D1 AMERICAN INSTITUTIONS (one course)</td>
</tr>
<tr>
<td>Criminal Justice 1</td>
</tr>
<tr>
<td>Economics 1, 2, 4</td>
</tr>
<tr>
<td>Geography 10</td>
</tr>
<tr>
<td>History 12, 16, 17, 18, 20, 21, 25, 37, 50, 51, 70, 71</td>
</tr>
<tr>
<td>Political Science 1, 2, 3, 7, 10, 21, 25, 32</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>D2 BEHAVIORAL SCIENCES (one course)</th>
</tr>
</thead>
<tbody>
<tr>
<td>American Sign Language 18</td>
</tr>
<tr>
<td>Anthropology 2, 3</td>
</tr>
<tr>
<td>Child Development and Education 2, 4, 6</td>
</tr>
<tr>
<td>Communication Studies 12, 74, 76, 78</td>
</tr>
<tr>
<td>Criminal Justice 58</td>
</tr>
<tr>
<td>Geography 1, 3, 11</td>
</tr>
<tr>
<td>Gerontology 11, 18, 22, 23</td>
</tr>
<tr>
<td>History 4, 19</td>
</tr>
<tr>
<td>Political Science 4</td>
</tr>
<tr>
<td>Psychology 1, 21, 25, 41, 65</td>
</tr>
<tr>
<td>Sociology 10, 14, 15, 16, 18, 25, 26</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CHAFFEY COLLEGE GENERAL EDUCATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>2018-2019</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>GRADUATION AND TRANSFER</th>
</tr>
</thead>
<tbody>
<tr>
<td>CATALOG 2018-2019</td>
</tr>
<tr>
<td>40</td>
</tr>
</tbody>
</table>

| Chaffey College                                     |


Each candidate for the bachelor’s degree from a CSU institution shall complete a pattern of general education courses which total a minimum of 48 semester units. Chaffey may certify a maximum of 39 semester units toward meeting this requirement; the remaining 9 semester units must be completed at the CSU at the upper-division level.

CSUGE for STEM is a separate CSUGE track for students completing an associate degree for transfer (ADT) that permits the use of CSUGE for STEM. The CSUGE for STEM pattern allows students to defer two lower-division GE courses (six semester units) until after transfer, with one remaining course in each of Areas C and D, totaling 33 semester units for the STEM pattern. Minimum coursework distribution is still required as noted in each area.

Coursework used to fulfill areas A1, A2, A3, and B4 must be completed with a grade of “C-” or better.

**Full general education certification from Chaffey College requires a minimum of 39 units distributed as follows:**

### AREA A
- **ENGLISH LANGUAGE COMMUNICATION AND CRITICAL THINKING (Minimum 9 units)**
  - **A1** Oral Communication (one course)
  - **A2** Written Communication (required) English 1A
  - **A3** Critical Thinking (one course) Communication Studies 72
  - **English 1B** Philosophy 75, 76

### AREA A
- **SCIENTIFIC INQUIRY AND QUANTITATIVE REASONING (Minimum 9 units)**
  - **B1** Physical Science
    - Astronomy 26, 27, 35
    - Chemistry 7, 8, 9, 10, 12FAO3, 24A, 24B, 70, 75A, 75B
    - Earth Science 1, 1 & 1L, 5, 5 & 5L
    - Geography 2, 4, 4 & 6, 6FAO3
    - Geology 1, 2
    - Physical Science 10
    - Physics 5, 5 & 6, 20A, 20B, 30A, 30B, 44FAO3, 45, 46, 47
  - **B2** Life Science
    - Anthropology 1, 1 & 1L
    - Biology 1, 2, 3, 10, 12, 20, 22, 23, 23 & 23L, 61, 62, 63
    - Geography 6
  - **B3** Laboratory Activity
    - This requirement is satisfied by completion of any course in B1 or B2 with a laboratory.
    - Those courses are underlined.
  - **B4** Mathematics
    - Computer Science 4
    - Mathematics 4, 17, 25, 31, 60, 61, 65A, 65B, 75, 81FAO3, 85
    - Social Science 10
    - Statistics 10

### AREA C
- **ARTS AND HUMANITIES (Minimum 9 units)**
  - **C1** Arts
    - Art 10, 12, 14, 15FAO3, 16, 18, 20, 44, 50
    - Art History 3, 5, 7, 9, 11, 19
    - Cinema 25, 26
    - Communication Studies 14
    - Dance 1
    - Fashion Design 20, 45
    - Interior Design 11, 12
    - Music 2A, 2B, 4, 5, 21, 22FAO3, 26
    - Photography 1, 7, 10
    - Theatre Arts 1, 4, 5, 10, 12

### AREA D
- **SOCIAL SCIENCES (Minimum 9 units)**
  - Choose courses from at least two disciplines.
  - **American Sign Language 1FAO3, 2, 3, 4**
  - Arabic 1, 2, 3, 4
  - Chinese 1, 2, 3, 4, 18
  - English 1C, 7A, 7B, 7D, 7E, 32, 33, 68, 70A, 70B, 71, 74, 75A, 75B, 76, 77, 79, 80A, 80B, 81
  - French 1, 2
  - History 1, 2, 4FAO3, 7, 12, 16FAO3, 20, 21FAO3, 25, 37, 40FAO3
  - Humanities 5, 6, 20
  - Philosophy 70, 71, 72, 73, 77, 78, 80, 81, 82
  - Spanish 1, 2, 3, 3SS, 4, 4SS, 8, 13, 14

### AREA E
- **LIFELONG LEARNING AND SELF-DEVELOPMENT 1**
  - Biology 14
  - Child Development 2FAO3
  - Gerontology 22
  - Guidance 3
  - Kinesiology Lecture 15
  - Nutrition and Food 5, 15, 22
  - Psychology 5, 25
  - Social Science 17
  - Sociology 16

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**CSU GRADUATION REQUIREMENT IN U.S. HISTORY, CONSTITUTION, AND AMERICAN IDEALS**

May be completed prior to transfer. At the discretion of each CSU, these courses may also count for CSUGE certification. See a counselor for details.

**US 1:**
- Historical Development of American Institutions & Ideals
- History 17 or 18

**US 2:**
- U.S. Constitution and Government
- Political Science 1 (also satisfies US 3)

**US 3:**
- California State and Local Government
- History 37 or Political Science 1 (also satisfies US 2)

**NOTE:** Superscripts indicate the first term and year a course may be used to meet general education pattern requirements. For example, FAO3 indicates that the course must be completed Fall 2003 or later.

**COURSES COUNT IN ONE AREA ONLY.**
INTERSEGMENTAL GENERAL EDUCATION TRANSFER CURRICULUM

CERTIFICATION COURSE PATTERN 2018-2019

Completion of the Intersegmental General Education Transfer Curriculum (IGETC) will permit a student to transfer from Chaffey College to a campus in either the California State University (CSU) or University of California (UC) system without the need, after transfer, to take additional lower-division general education courses to satisfy campus general education requirements. Depending on the major field of interest, the student may find it advantageous to take courses fulfilling either the CSU’s general education requirements or those of the UC campus or college to which the student plans to transfer.

Coursed used for certification must be completed with grades “C” or better (C- grades are not acceptable), and be a minimum of 3 semesters units. A course cannot be certified unless it was on the IGETC list during the year in which it was taken by the student. Students beginning in Fall 2018 must follow the 2018-2019 IGETC requirements.

Partial IGETC certification is allowed with a maximum of two courses missing, which have to be completed after transfer. Students need Areas 1 and 2 of the transfer curriculum completed to meet minimum transfer admission requirements. Partial certification acknowledging a deficiency in Area 1 and/or Area 2 may also indicate a student does not meet the minimum transfer requirements. IGETC for STEM is a separate IGETC track for students completing an associate degree for transfer (ADT) that permits the use of IGETC for STEM. The IGETC for STEM pattern allows students to transfer to a CSU with partial IGETC certification with one remaining course in each of Areas 3 and 4, and to transfer to a UC with one remaining course in each of Areas 3, 4, and 6. Minimum coursework distribution is still required as noted in each area. The remaining courses will need to be completed after transfer.

AREA 1 ENGLISH COMMUNICATION

Group A: English Composition (Required CSU/UC)
- English 1A

Group B: Critical Thinking and Composition (Required CSU/UC)
- English 1B

Group C: Oral Communication (CSU Requirement Only - 1 course)
- Communication Studies 2, 6, 8

AREA 2A MATHEMATICAL CONCEPTS AND QUANTITATIVE REASONING
(Required CSU/UC - 1 course)

Computer Science 4
Mathematics 25A/25A*, 60*, 61*, 65A*, 65B, 75, 81, 85
Social Science 10F/10F*
Statistics 10

AREA 2B ARTS AND HUMANITIES
(Required CSU/UC - 3 courses minimum, with at least one course from Arts and one from Humanities)

A. Arts:
- Art 50
- Art History 3, 5, 7, 9, 11, 19
- Cinema 25, 26
- Dance 1
- Music 2A, 2B, 4, 5, 21F/21F*, 22F/22F*, 26F/26F*
- Theatre Arts 1, 4, 5

B. Humanities:
- American Sign Language 3, 4
- Arabic 3, 4
- Chinese 3, 4, 18F/18F
- English 1C, 32, 33, 68, 70A, 70B, 71, 74F/74F, 75A, 75B, 76, 77, 79, 80A, 80B, 81
- History 1, 2, 4F/4F*, 5, 6, 7, 9, 10, 12, 16F/16F*, 20, 25, 40F/40F*, 50, 51, 70, 71
- Humanities 5, 6, 20
- Philosophy 70, 72, 73, 77, 78, 80, 81, 82
- Spanish 3, 4, 8, 13, 14

AREA 2C SOCIAL AND BEHAVIORAL SCIENCES
(Required CSU/UC - 3 courses minimum, from at least two different disciplines)

American Sign Language 18
Anthropology 2, 3
Business: Legal Studies 10F/10F
Child Development and Education 2*, 4
Communication Studies 12, 74
Economics 1*, 2, 4, 7, 8
Geography 10F/10F, 3, 10, 11F/11F*
Gerontology 18*
History 4F/4F*, 5, 6, 7, 9, 10, 12, 16F/16F, 17, 18, 19, 20, 37, 40F/40F*, 50, 51, 70, 71
Political Science 1, 2, 4, 7, 10, 21F/21F, 25, 32F/32F
Psychology 1, 20*, 25*, 65, 80F/80F
Sociology 10, 14, 15F/15F, 16F/16F*, 18*, 25, 26, 32, 70, 80F/80F

AREA 3 PHYSICAL AND BIOLOGICAL SCIENCES
(Required CSU/UC - 2 courses minimum, with at least one Physical Science course and one Biological Science course, one of which must include a laboratory. Lab courses are underlined)

A. Physical Sciences:
- Astronomy 26*, 35
- Chemistry 7A/7A*, 8F/8F*, 9*, 10*, 12F/12F*, 24A*, 24B*, 70, 75A, 75B
- Earth Science 1, 1 & 1L, 5F/5F*, 5 & 5L/5L*
- Geography 2, 4, 4 & 5, 6F/6F
- Geology 1, 2
- Physical Science 10
- Physics 5*, 5 & 6*, 20A*, 20B*, 30A*, 30B*, 44F/44F*, 45*, 46*, 47*

B. Biological Sciences:
- Anthropology 1, 1 & 1L
- Biology 1*, 2, 10*, 12, 20, 22, 23, 23 & 23L, 61, 62, 63

C. Laboratory Science:
- This requirement is satisfied by completion of any course in 5A or 5B with a laboratory. Lab courses are underlined.

AREA 4 LANGUAGE OTHER THAN ENGLISH (UC Requirement Only)
Complete 2 years of the same foreign language of high school level work with a grade of C- or better, OR complete one of the following courses:

- American Sign Language 2
- Arabic 2
- Chinese 2
- French 2
- Spanish 2

American Sign Language 3 or 4, or Arabic 3 or 4, or Chinese 3 or 4, or Spanish 3, 3SS, 4, or 4SS may be used to validate this requirement. Other methods for verifying language competency exist. Contact counseling for information.

CSU GRADUATION REQUIREMENT IN U.S. HISTORY, CONSTITUTION, and AMERICAN IDEALS

Not part of IGETC. May be completed prior to transfer. At the discretion of each CSU, these courses may also count for IGETC certification. See a counselor for details.

US 1: Historical Development of American Institutions & Ideals
- History 17 or 18

US 2: U.S. Constitution and Government
- Political Science 1 (also satisfies US 3)

US 3: California State and Local Government
- History 37 or Political Science 1 (also satisfies US 2)

NOTE: Superscripts indicate the first term and year a course may be used to meet general education pattern requirements. For example, FA03 indicates that the course must be completed Fall 2003 or later.

* = Transfer credit may be limited by either UC or CSU, or both.

COURSES MAY COUNT IN ONLY ONE AREA, EXCEPT FOR COURSES IN LANGUAGES OTHER THAN ENGLISH WHICH CAN BE COUNTED IN BOTH 3B AND 6.
CSU GE Breadth for STEM Majors within ADTs

Students pursuing Chemistry or Biology ADTs may complete CSU GE Breadth for STEM or IGETC for STEM, deferring one lower-division course in Area C or Area 3 and one lower-division course in Area D or Area 4 until after transfer. CSU GE Breadth for STEM and IGETC for STEM is applicable only to majors for which the Transfer Model Curriculum specifies. A current list of ADTs that allow for use of IGETC for STEM can be found at www.c-id.net.

A CCC preparing a CSU GE Breadth for STEM certification as part of an ADT shall ensure that the student has completed:

a. All courses in Areas A, B, and E of the traditional GE curriculum; and
b. One course in Area C1 Arts and one course in Area C2 Humanities; and
c. Two courses in Area D from two different disciplines.

IGETC for STEM certification – Complete the following courses before transfer:

a. All courses in Area 1, 2 and 5 of the traditional IGETC; and
b. One course in Area 3A; one course in Area 3B; and two courses in Area 4 from two different disciplines.

### GE Breadth (CSU only) vs. IGETC (CSU and UC systems)

<table>
<thead>
<tr>
<th>GE Breadth (CSU only)</th>
<th>Discipline</th>
<th>IGETC (CSU and UC systems)</th>
</tr>
</thead>
<tbody>
<tr>
<td>A1</td>
<td>Oral Communication</td>
<td>1C [not required for UC]</td>
</tr>
<tr>
<td>A2</td>
<td>Written Communication</td>
<td>1A</td>
</tr>
<tr>
<td>A3</td>
<td>Critical Thinking</td>
<td>1B</td>
</tr>
<tr>
<td>B1</td>
<td>Physical Sciences</td>
<td>5A</td>
</tr>
<tr>
<td>B2</td>
<td>Biological Sciences</td>
<td>5B</td>
</tr>
<tr>
<td>B3</td>
<td>Laboratory Activity</td>
<td>5C</td>
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<td>B4</td>
<td>Mathematics</td>
<td>2</td>
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<tr>
<td>C1</td>
<td>Arts</td>
<td>3A</td>
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<tr>
<td>C2</td>
<td>Humanities</td>
<td>3B</td>
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<tr>
<td>D</td>
<td>Social Sciences</td>
<td>D</td>
</tr>
<tr>
<td>E</td>
<td>Lifelong Learning</td>
<td>AREA 4</td>
</tr>
<tr>
<td>No Area</td>
<td>Language Other than English</td>
<td>6A [not required for CSU]</td>
</tr>
<tr>
<td></td>
<td></td>
<td>AREA 6A</td>
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</table>

Detailed review criteria for each Area and Subarea, as well as sample reviewer’s responses for each, comprise the next section of these Guiding Notes. Reviewers consider similar questions for the two patterns.

However, within their similarities are some important differences:

### GE Breadth pattern (CSU only) vs. IGETC pattern (CSU plus UC)

<table>
<thead>
<tr>
<th>GE Breadth pattern (CSU only)</th>
<th>IGETC pattern (CSU plus UC)</th>
</tr>
</thead>
<tbody>
<tr>
<td>requires oral communication</td>
<td>doesn’t require oral communication of students transferring to the UC</td>
</tr>
<tr>
<td>doesn’t require Language Other Than English</td>
<td>requires Language Other Than English for students transferring to the UC</td>
</tr>
<tr>
<td>any passing grade will count for courses other than the golden four which require a C- or better: written communication, oral communication, critical thinking, and quantitative reasoning</td>
<td>only grades of C or better will count for any courses</td>
</tr>
<tr>
<td>a single course may carry any number of units. Typically, CSU GE courses (other than physical activity courses) are at least 3 semester units.</td>
<td>each course must carry at least three semester- or four quarter-units</td>
</tr>
</tbody>
</table>
**Transfer Information**

**Chaffey College Transfer Center**

The Transfer Center offers a variety of services to help potential transfer students identify options, choose a transfer destination, and complete required applications.

Students are encouraged to utilize the resources and services available through the Transfer Center, including transfer fairs, university contact information, specialized software programs for college research and applications, transfer-related workshops, individual appointments with university representatives, and trips to visit local campuses. Students are also urged to work closely with their counselors to develop and maintain an education plan to support their transfer goals.

The Transfer Center is located on the Rancho campus in SSA-120; limited services are also available at the Chino and Fontana campuses. For more information, call (909) 652-6233 or visit www.chaffey.edu/transfer.

**Four-Year Universities and Colleges**

Chaffey College offers courses that parallel the first two years (lower division) at four-year colleges and universities. Because requirements vary among these institutions, students are encouraged to choose the college or university to which they plan to transfer as early in their educational career as possible. Students should concentrate on meeting admission requirements for their major and general education courses while attending Chaffey College.

Prospective transfer students are invited to visit the Transfer Center located in SSA 120 on the Rancho Campus or contact the Transfer Center representative at Chino or Fontana for more information about transfer options, details on the transfer process and assistance in filing applications. Information about specific colleges and universities can also be found on the institution's website.

**Cross Enrollment** - California residents currently enrolled at a California community college may enroll in one undergraduate course per academic term at CSU or UC campuses provided the student has met course prerequisites and space is available. Students are responsible for a nominal enrollment fee, books, and parking. Cross enrollment does not constitute regular admission.

Eligible students must have completed one term at their home campus, have a 2.0 GPA, be enrolled in at least six units at their community college and have paid fees for the term. More information and application forms are available through the Transfer Center and Admissions and Records Office.

**Helpful online resources for transfer-bound students:**

**CAL STATE APPLY**

www.calstate.edu/apply

http://adegreewithaguarantee.com

Explore campuses, plan for transfer, and apply to any of the twenty-three California State University campuses.

**UC Admissions**

www.universityofcalifornia.edu/admissions

http://ucal.us/transferpathways

Access general information and apply online to any of the nine University of California campuses.

**AICCU**

www.aiccu.edu

Learn about colleges in the network of the Association of Independent California Colleges and Universities.

**ASSIST**

www.icanaffordcollege.com

Learn about the year-around availability of financial aid to help pay for fees, books, supplies, and sometimes even help with rent.

www.assist.org

Use ASSIST to explore majors and review course articulation agreements between Chaffey College and the CSU and UC systems.

**CaliforniaColleges.edu**

www.californiacolleges.edu

Research careers and learn about higher education opportunities throughout California.
All the campuses of the California State University welcome applications from community college transfer students. Students who complete any college units after high school are considered transfer students. The number of units a student has completed at the time he/she enters the CSU determines the admission standards that will apply to the application. The majority of transfer students enter as upper-division transfers with 60 semester or 90 quarter units completed. Not all CSU campuses accept lower division transfers, so students who want to transfer with fewer units should check with their intended campus before applying.

Admission offices at all 23 campuses use a common set of factors to make admissions decisions. All campuses have higher standards for out-of-state and international students; some campuses have higher standards for certain majors and some highly impacted campuses have higher standards for all applicants.

CSU - Bakersfield  www.csusb.edu
CSU - Channel Islands  www.csuci.edu
CSU - Chico  www.csuchico.edu
CSU - Dominguez Hills  www.csudh.edu
CSU - East Bay  www.csueastbay.edu
CSU - Fresno  www.csufresno.edu
CSU - Fullerton  www.fullerton.edu
Humboldt State University  www.humboldt.edu
CSU - Long Beach  www.csulb.edu
CSU - Los Angeles  www.calstatela.edu
California Maritime Academy  www.csuom.edu
CSU - Monterey Bay  www.csUMB.edu
CSU - Northridge  www.csun.edu
California State Polytechnic University, Pomona  www.cpp.edu
CSU - Sacramento  www.csus.edu
CSU - San Bernardino  www.csum.edu
San Diego State University  www.sdsu.edu
San Francisco State University  www.sfsu.edu
San Jose State University  www.sjsu.edu
California Polytechnic State University, San Luis Obispo  www.calpoly.edu
CSU - San Marcos  www.csusm.edu
Sonoma State University  www.sonom.edu
CSU - Stanislaus  www.csustan.edu

Upper Division Transfer Admission Requirements
Minimum requirements for upper division transfer include: 2.00 GPA in all transferable coursework (2.40 for non-California residents) and 60 transferable units that must include 30 units of general education work and completion of the “Golden Four” general education courses in written communication, oral communication, critical thinking, and mathematics (GPA requirements may vary by campus and major).

For most students planning to transfer to the CSU, completing general education classes should be a priority along with major preparation courses. The CSU provides California Community College transfers with two system-wide options for fulfilling CSU lower division general education requirements: CSU General Education (CSUGE) and the Intersegmental General Education Transfer Curriculum (IGETC). See pages 40-41 of this catalog. Within either pattern, the highest priority classes are the “Golden Four” general education courses mentioned above. Completion of general education courses prior to transfer is usually the most efficient and cost-effective path for community college transfer students. However, students pursuing high-unit majors in science, engineering, and math need to work closely with a counselor to plan transfer courses to ensure completion of all admission and major preparation requirements while completing as much general education as possible.

Lower Division Transfer Admission Requirements
CSU campuses admitting lower-division students will make admissions decisions based on the courses completed in high school, high school grades and test scores and any college work completed after high school. More details on lower-division transfer requirements can be found at www2.calstate.edu/apply/transfer.

Courses Transferable to the California State University
Chaffey College courses numbered from 1-99 are transferable for baccalaureate degree credit at the California State University and marked (CSU) in the “Course Descriptions” section of this catalog.

During this trip to CSU Los Angeles in April 2017 students were given a tour of the CSULA campus and an opportunity to speak with transfer mentors.
Helpful information about transferring to the University of California is available at www.universityofcalifornia.edu/admissions and on each campus website:

University of California, Berkeley  www.berkeley.edu
University of California, Davis  www.ucdavis.edu
University of California, Irvine  www.uci.edu
University of California, Los Angeles  www.ucla.edu
University of California, Merced  www.ucmerced.edu
University of California, Riverside  www.ucr.edu
University of California, San Diego  www.ucsd.edu
University of California, Santa Barbara  www.ucsb.edu
University of California, Santa Cruz  www.ucsc.edu

Upper Division Transfer Requirements
Most transfer students enter UC at the junior level. This means they have completed 60 semester units, general education and most, if not all, of their lower-division major prerequisites. To be considered for admission as a junior, students must fulfill the following:

1. Complete 60 semester or 90 quarter units of transferable college credit with a GPA of at least 2.4 (2.8 for nonresidents of California). GPA requirements may vary by campus and major. Please contact a representative or consult the university website.

2. Complete the following course pattern requirements, earning a grade of C or better in each course:
   - Two transferable college courses in English composition (English 1A and English 1B)
   - One transferable college course in mathematical concepts and quantitative reasoning (typically Math 25)
   - Four transferable college courses chosen from at least two of the following subject areas: arts and humanities, social and behavioral sciences, physical and biological sciences. Each course must be at least 3 semester units.

Applications from prospective transfer students undergo a comprehensive review process involving specific criteria:

- Completion of a specified pattern or number of courses that meet breadth or general education requirements.
- Completion of a specified pattern or number of courses that provide continuity with upper division courses in the student’s major
- GPA in all transferable courses
- Participation in academically selective honors courses or programs
- Special talents, achievements and awards in a particular field such as visual and performing arts or athletics; special skills such as demonstrated written and oral proficiency in other languages; special interests such as intensive study of other cultures; experiences that demonstrate unusual promise for leadership; or other significant experiences or achievements that demonstrate promise for contributing to the intellectual vitality of a campus.
- Four personal insight questions to be answered. (One required question and three of the additional seven questions to be chosen by the applicant.)

Transfer Admission Guarantee
Six UC campuses (Berkeley, Los Angeles, and San Diego do not participate) offer guaranteed admission to California community college students who meet specific requirements. By participating in a Transfer Admission Guarantee (TAG) program, students will receive an early review of their academic records, early admission notification and specific guidance about major preparation and general education coursework. To pursue a TAG, students should meet with a Chaffey counselor to review/update a plan to address remaining UC requirements and then complete an online TAG application (September 1-30). When the TAG is approved, fulfill all remaining coursework and GPA requirements in the TAG agreement and then apply for admission to UC during the appropriate filing period (November 1-30). Students are encouraged to create a UC Transfer Admissions Planner (TAP) account at http://uctap.universityofcalifornia.edu.

Interested students can find more information about eligibility criteria for each participating campus online under the “Transfer” heading at www.universityofcalifornia.edu/admissions or by contacting the Transfer Center. TAG details will also be posted on the Transfer Center’s website at www.chaffey.edu/transfer.

Lower Division Transfer Requirements
While all UC campuses welcome a large pool of junior-level transfers, most admit only a limited number of lower-division transfers. However, it can happen. Here’s how:

- Students who were eligible for admission to UC when they graduated from high school - meaning they satisfied the subject, examination and scholarship requirements or were identified by UC during their senior year as Eligible in the Local Context (ELC) and completed the subject and examination requirements in the senior year - are eligible for transfer if they have a 2.0 GPA in their transferable college coursework (2.8 GPA for nonresidents).
- Students who met the scholarship requirement in high school, but did not satisfy the A-G (15-course subject) requirement, must take transferable college courses in the missing subjects, earn a C or better in each required course and have an overall 2.0 GPA in all transferable coursework to be eligible to transfer (a 2.8 GPA is required for nonresidents).

Courses Transferable to the University of California
Chaffey College courses numbered from 1-99 are transfer-level courses; those accepted for baccalaureate degree credit at UCs are marked (UC) in the “Course Descriptions” section of this catalog.
PRIVATE/INDEPENDENT COLLEGES AND UNIVERSITIES

Admission requirements to private colleges and universities vary with each institution. Specific information regarding eligibility requirements and applications procedures is generally published in the institution’s catalog and on their website. Students may also visit the Transfer Center for assistance.

The Transfer Center maintains articulation agreements with several local private universities. To view a list of course-to-course agreements, visit www.chaffey.edu/transfer/articulation.

OUT-OF-STATE COLLEGES

Admission requirements to out-of-state colleges vary with each institution. Specific information regarding eligibility requirements and applications procedures is generally published in the institution’s catalog and on their website. Students may also visit the Transfer Center for assistance.

Historically Black Colleges and Universities

Historically Black Colleges and Universities (HBCUs) were founded to serve the higher education needs of African-American students, though they are open to all students. Most HBCUs are located in the South and East Coast regions.

HBCUs have an excellent academic track record. While only about 17 percent of black undergraduate students attend an HBCU, more than 28 percent of African-Americans who receive a bachelor’s degree obtain them from an HBCU. These colleges and universities are also leading institutions in awarding degrees to African-American students in the life sciences, physical sciences, mathematics, and engineering programs.

California Community College students who complete certain academic requirements are now guaranteed transfer to a participating HBCU campus. The 21 participating institutions are:

- Alabama State University, Montgomery AL
- Alcorn State University, Lorman, MS
- Arkansas Baptist College, Little Rock, AR
- Bennett College, Greensboro, NC
- Bethune-Cookman University, Daytona Beach, FL
- Bowie State University, Bowie, MD
- Central State University, Wilberforce, OH
- Claflin University, Orangeburg, SC
- Clark Atlanta University, Atlanta, GA
- Dillard University, New Orleans, LA
- Edward-Waters College, Jacksonville, FL
- Fisk University, Nashville, TN
- Florida Memorial University, Miami Gardens, FL
- Fort Valley State University, Fort Valley, GA
- Grambling State University, Grambling, LA
- Harris-Stowe State University, St. Louis, MO
- Huston-Tillotson University, Austin, TX
- Kentucky State University, Frankfort, KY
- Lane College, Jackson, TN
- Lincoln University of Missouri, Jefferson City, MO
- Lincoln University of Pennsylvania, Lincoln University, PA
- Mississippi Valley State University, Itta Bena, MS
- North Carolina Central University
- Philander Smith College, Little Rock, AK
- Shaw University, Raleigh, NC
- Southern University and A&M College, Baton Rouge, LA
- Stillman College, Tuscaloosa, AL
- Talladega College, Talladega, AL
- Tennessee State University, Nashville, TN
- Texas Southern University, Houston, TX
- Tougaloo College, Jackson, MS
- Tuskegee University, Tuskegee, AL
- Virginia State University, Petersburg, VA
- West Virginia State University, Institute, WV
- Wiley College, Marshall, TX

For more information, visit www.cccco.edu/HBCUTransfer.