



2017-2018 Catalog Addenda/Errata

The following is **added to/replacing** information listed on page 65:

Pass/No Pass Grading Policy

Consistent with District policy, a student in good standing may elect to be graded on a Pass/No Pass basis in a course. A grade of "Pass" (P) shall be awarded only for work which otherwise would have received a grade of "C" or better. Work that would have received a "D" or "F" will be graded "No Pass" (NP). The units earned will be counted in satisfaction of program requirements, but will be disregarded in determining a student's grade point average.

IMPORTANT: Students who plan to transfer to a four-year institution should review the Pass/No Pass acceptance policy of the transfer institution prior to petitioning for this grading option. Restrictions in the San Diego Community College District also apply.

Limitations:

1. No more than 12 units of a student's coursework completed in the San Diego Community College District graded on a Pass/No Pass basis will be used to meet Associate Degree requirements.

~~2. No classes graded on a Pass/No Pass basis may be applied to courses required in the major for graduation.~~

The following is **added to/replacing** information listed on pages 70-77:

- All official transcripts must be on file.
- Official copies of test scores must be submitted.
- Students must be currently enrolled.

Limitations on credit by standardized examination:

- AP and CLEP examinations may be used to partially clear the American Institutions requirement. See following charts regarding nontraditional education for details.
- The English composition requirement can be met by the AP exam.
- Credit will not be granted for equivalent courses completed.
- Grades are not assigned, nor is the credit used in calculating grade point average.
- Credit granted by SDCCD does not necessarily transfer to other institutions. Transferability of

credit is determined by the receiving college or university.

- Credit awarded through non-traditional education may not be used for grade alleviation.
- A maximum of 30 cumulative units may be granted for acceptable scores on any combination of AP, CLEP, DANTES, or IB.
- Duplicate credit will not be awarded for nontraditional education sources and completed coursework.

The tables below indicate the score necessary, the credit allowed, and the area(s) satisfied for each of the examinations accepted for credit.

You may view a full copy of the policy by accessing the following website:
<http://www.sdccd.edu/public/district/policies/>.

Advanced Placement Test (AP)

EXAM AND REQUIRED SCORE	UNIT REQUIREMENTS FULFILLED	GENERAL EDUCATION (GE) REQUIREMENTS FULFILLED	MAJOR REQUIREMENTS FULFILLED
Art History 3, 4, or 5	SDCCD: 6 semester units CSU: 6 semester units UC: 8 quarter/5.3 semester units	SDCCD GE: 3 semester units towards Area C CSU GE: 3 semester units towards Area C1 <u>or</u> C2 IGETC: 3 semester units towards Area 3A <u>or</u> 3B	SDCCD: ARTF 110 <u>or</u> ARTF 111
Biology 3, 4, or 5	SDCCD: 6 semester units CSU: 6 semester units UC: 8 quarter/5.3 semester units	SDCCD GE: 4 semester units towards Area B CSU GE: 4 semester units towards Area B2 & B3 IGETC: 4 semester units towards Area 5B & 5C	SDCCD: N/A
Calculus AB or BC/AB subscore ¹ 3, 4, or 5	SDCCD: 3 semester units CSU: 3 semester units UC: 4 quarter/2.7 semester units	SDCCD GE: 3 semester units towards Area A2 <u>and</u> Mathematics Competency CSU GE: 3 semester units towards Area B4 IGETC: 3 semester units towards Area 2A	SDCCD: N/A
Calculus BC ¹ 3, 4, or 5	SDCCD: 6 semester units CSU: 6 semester units UC: 8 quarter/5.3 semester units	SDCCD GE: 3 semester units towards Area A2 <u>and</u> Mathematics Competency CSU GE: 3 semester units towards Area B4 IGETC: 3 semester units towards Area 2A	SDCCD: N/A

Advanced Placement Test (AP)

EXAM AND REQUIRED SCORE	UNIT REQUIREMENTS FULFILLED	GENERAL EDUCATION (GE) REQUIREMENTS FULFILLED	MAJOR REQUIREMENTS FULFILLED
Chemistry 3 <i>Exam taken prior to Fall 2009</i>	SDCCD: 6 semester units CSU: 6 semester units UC: 8 quarter/5.3 semester units	SDCCD GE: 6 semester units towards Area B CSU GE: 6 semester units towards Area B1 & B3 IGETC: 4 semester units towards Area 5A & 5C	SDCCD: CHEM 200
Chemistry 4 or 5 <i>Exam taken prior to Fall 2009</i>	SDCCD: 6 semester units CSU: 6 semester units UC: 8 quarter/5.3 semester units	SDCCD GE: 6 semester units towards Area B CSU GE: 6 semester units towards Area B1 & B3 IGETC: 4 semester units towards Area 5A & 5C	SDCCD: CHEM 200 & CHEM 201
Chemistry 3 <i>Exam taken Fall 2009 or later</i>	SDCCD: 6 semester units CSU: 6 semester units UC: 8 quarter/5.3 semester units	SDCCD GE: 4 semester units towards Area B CSU GE: 4 semester units towards Area B1 & B3 IGETC: 4 semester units towards Area 5A & 5C	SDCCD: CHEM 200
Chemistry 4 or 5 <i>Exam taken Fall 2009 or later</i>	SDCCD: 6 semester units CSU: 6 semester units UC: 8 quarter/5.3 semester units	SDCCD GE: 4 semester units towards Area B CSU GE: 4 semester units towards Area B1 & B3 IGETC: 4 semester units towards Area 5A & 5C	SDCCD: CHEM 200 & CHEM 201
Chinese Language & Culture 3, 4, or 5	SDCCD: 6 semester units CSU: 6 semester units UC: 8 quarter/5.3 semester units	SDCCD GE: 3 semester units towards Area C CSU GE: 3 semester units towards Area C2 IGETC: 3 semester units towards Area 3B <u>and</u> Area 6A Competency	SDCCD: N/A
Comparative Government & Politics 3, 4, or 5	SDCCD: 3 semester units CSU: 3 semester units UC: 4 quarter/2.7 semester units	SDCCD GE: 3 semester units towards Area D CSU GE: 3 semester units towards Area D8 IGETC: 3 semester units towards Area 4H	SDCCD: POLI 103
Computer Science A ¹ 3, 4, or 5	SDCCD: 3 semester units CSU: 3 semester units UC: 2 quarter/1.3 semester units	SDCCD GE: N/A CSU GE: N/A IGETC: N/A	SDCCD: N/A
Computer Science AB ¹ 3, 4, or 5 <i>Exam taken prior to Fall 2009</i>	SDCCD: 6 semester units CSU: 6 semester units UC: 4 quarter/2.7 semester units	SDCCD GE: N/A CSU GE: N/A IGETC: N/A	SDCCD: N/A
Computer Science Principles 3, 4, or 5	SDCCD: 6 semester units CSU: 6 semester units UC: N/A	SDCCD GE: N/A CSU GE: N/A IGETC: N/A	SDCCD: N/A

Advanced Placement Test (AP)

EXAM AND REQUIRED SCORE	UNIT REQUIREMENTS FULFILLED	GENERAL EDUCATION (GE) REQUIREMENTS FULFILLED	MAJOR REQUIREMENTS FULFILLED
English Language and Composition 3, 4, or 5	SDCCD: 6 semester units CSU: 6 semester units UC: 8 quarter/5.3 semester units ²	SDCCD GE: 3 semester units towards Area A1 <u>and</u> Reading and Written Expression Competency CSU GE: 3 semester units towards Area A2 IGETC: 3 semester units towards Area 1A	SDCCD: ENGL 101
English Literature and Composition 3, 4, or 5	SDCCD: 6 semester units CSU: 6 semester units UC: 8 quarter/5.3 semester units ²	SDCCD GE: 6 semester units towards Area A1 & C <u>and</u> Reading and Written Expression Competency CSU GE: 6 semester units towards Area A2 & C2 IGETC: 3 semester units towards Area 1A <u>or</u> 3B	SDCCD: ENGL 101
Environmental Science 3 <i>Exam taken prior to Fall 2009</i>	SDCCD: 4 semester units CSU: 4 semester units UC: 4 quarter/2.7 semester units	SDCCD GE: 4 semester units towards Area B CSU GE: 4 semester units towards Area B1 & B3 <u>or</u> Area B2 & B3 IGETC: 3 semester units towards Area 5A & 5C	SDCCD: N/A
Environmental Science 4 or 5 <i>Exam taken prior to Fall 2009</i>	SDCCD: 4 semester units CSU: 4 semester units UC: 4 quarter/2.7 semester units	SDCCD GE: 4 semester units towards Area B CSU GE: 4 semester units towards Area B1 & B3 <u>or</u> Area B2 & B3 IGETC: 3 semester units towards Area 5A & 5C	SDCCD: BIOL 120
Environmental Science 3 <i>Exam taken Fall 2009 or later</i>	SDCCD: 4 semester units CSU: 4 semester units UC: 4 quarter/2.7 semester units	SDCCD GE: 4 semester units towards Area B CSU GE: 4 semester units towards Area B1 & B3 IGETC: 3 semester units towards Area 5A & 5C	SDCCD: N/A
Environmental Science 4 or 5 <i>Exam taken Fall 2009 or later</i>	SDCCD: 4 semester units CSU: 4 semester units UC: 4 quarter/2.7 semester units	SDCCD GE: 4 semester units towards Area B CSU GE: 4 semester units towards Area B1 & B3 IGETC: 3 semester units towards Area 5A & 5C	SDCCD: BIOL 120
European History 3, 4, or 5	SDCCD: 6 semester units CSU: 6 semester units UC: 8 quarter/5.3 semester units	SDCCD GE: 3 semester units towards Area C <u>or</u> D CSU GE: 3 semester units towards Area C2 <u>or</u> D6 IGETC: 3 semester units towards Area 3B <u>or</u> 4F	SDCCD: N/A

Advanced Placement Test (AP)

EXAM AND REQUIRED SCORE	UNIT REQUIREMENTS FULFILLED	GENERAL EDUCATION (GE) REQUIREMENTS FULFILLED	MAJOR REQUIREMENTS FULFILLED
French Language 3, 4, or 5 <i>Exam taken prior to Fall 2009</i>	SDCCD: 6 semester units CSU: 6 semester units UC: 8 quarter/5.3 semester units	SDCCD GE: 6 semester units towards Area C CSU GE: 6 semester units towards Area C2 IGETC: 3 semester units towards Area 3B <u>and</u> Area 6A Competency	SDCCD: N/A
French Language 3, 4, or 5 <i>Exam taken between Fall 2009 and Fall 2011</i>	SDCCD: 6 semester units CSU: 6 semester units UC: 8 quarter/5.3 semester units	SDCCD GE: 3 semester units towards Area C CSU GE: 3 semester units towards Area C2 IGETC: 3 semester units towards Area 3B <u>and</u> Area 6A Competency	SDCCD: N/A
French Language and Culture 3, 4, or 5	SDCCD: 6 semester units CSU: 6 semester units UC: 8 quarter/5.3 semester units	SDCCD GE: 3 semester units towards Area C CSU GE: 3 semester units towards Area C2 IGETC: 3 semester units towards Area 3B <u>and</u> Area 6A Competency	SDCCD.: N/A
French Literature 3, 4, or 5 <i>Exam taken prior to Fall 2009</i>	SDCCD: 6 semester units CSU: 6 semester units UC: 8 quarter/5.3 semester units	SDCCD GE: 3 semester units towards Area C CSU GE: 3 semester units towards Area C2 IGETC: 3 semester units towards Area 3B <u>and</u> Area 6A Competency	SDCCD: N/A
German Language 3, 4, or 5 <i>Exam taken prior to Fall 2009</i>	SDCCD: 6 semester units CSU: 6 semester units UC: 8 quarter/5.3 semester units	SDCCD GE: 6 semester units towards Area C CSU GE: 6 semester units towards Area C2 IGETC: 3 semester units towards Area 3B <u>and</u> Area 6A Competency	SDCCD: N/A
German Language 3, 4, or 5 <i>Exam taken between Fall 2009 and Fall 2011</i>	SDCCD: 6 semester units CSU: 6 semester units UC: 8 quarter/5.3 semester units	SDCCD GE: 3 semester units towards Area C CSU GE: 3 semester units towards Area C2 IGETC: 3 semester units towards Area 3B <u>and</u> Area 6A Competency	SDCCD: N/A
German Language and Culture 3, 4, or 5	SDCCD: 6 semester units CSU: 6 semester units UC: 8 quarter/5.3 semester units	SDCCD GE: 3 semester units towards Area C CSU GE: 3 semester units towards Area C2 IGETC: 3 semester units towards Area 3B <u>and</u> Area 6A Competency	SDCCD: N/A

Advanced Placement Test (AP)

EXAM AND REQUIRED SCORE	UNIT REQUIREMENTS FULFILLED	GENERAL EDUCATION (GE) REQUIREMENTS FULFILLED	MAJOR REQUIREMENTS FULFILLED
Human Geography 3, 4, or 5	SDCCD: 3 semester units CSU: 3 semester units UC: 4 quarter/2.7 semester units	SDCCD GE: 3 semester units towards Area D CSU GE: 3 semester units towards Area D5 IGETC: 3 semester units towards Area 4E	SDCCD: GEOG 102
Italian Language and Culture 3	SDCCD: 6 semester units CSU: 6 semester units UC: 8 quarter/5.3 semester units	SDCCD GE: 3 semester units towards Area C CSU GE: 3 semester units towards Area C2 IGETC: 3 semester units towards Area 3B <u>and</u> Area 6A Competency	SDCCD: ITAL 101
Italian Language and Culture 4 or 5	SDCCD: 6 semester units CSU: 6 semester units UC: 8 quarter/5.3 semester units	SDCCD GE: 3 semester units towards Area C CSU GE: 3 semester units towards Area C2 IGETC: 3 semester units towards Area 3B <u>and</u> Area 6A Competency	SDCCD: ITAL 102
Japanese Language and Culture 3, 4, or 5	SDCCD: 6 semester units CSU: 6 semester units UC: 8 quarter/5.3 semester units	SDCCD GE: 3 semester units towards Area C CSU GE: 3 semester units towards Area C2 IGETC: 3 semester units towards Area 3B <u>and</u> Area 6A Competency	SDCCD: N/A
Latin Literature 3, 4, or 5 <i>Exam taken prior to Fall 2009</i>	SDCCD: 6 semester units CSU: 6 semester units UC: 4 quarter/2.7 semester units	SDCCD GE: 3 semester units towards Area C CSU GE: 3 semester units towards Area C2 IGETC: 3 semester units towards Area 3B <u>and</u> Area 6A Competency	SDCCD: N/A
Latin 3, 4 or 5	SDCCD: 6 semester units CSU: 6 semester units UC: 4 quarter/2.7 semester units	SDCCD GE: 3 semester units towards Area C CSU GE: 3 semester units towards Area C2 IGETC: 3 semester units towards Area 3B <u>and</u> Area 6A Competency	SDCCD: N/A
Latin: Vergil 3, 4, or 5 <i>Exam taken prior to Fall 2012</i>	SDCCD: 3 semester units CSU: 3 semester units UC: 4 quarter/2.7 semester units	SDCCD GE: 3 semester units towards Area C CSU GE: 3 semester units towards Area C2 IGETC: 3 semester units towards Area 3B <u>and</u> Area 6A Competency	SDCCD: N/A

Advanced Placement Test (AP)

EXAM AND REQUIRED SCORE	UNIT REQUIREMENTS FULFILLED	GENERAL EDUCATION (GE) REQUIREMENTS FULFILLED	MAJOR REQUIREMENTS FULFILLED
Macroeconomics 3, 4, or 5	SDCCD: 3 semester units CSU: 3 semester units UC: 4 quarter/2.7 semester units	SDCCD GE: 3 semester units towards Area D CSU GE: 3 semester units towards Area D2 IGETC: 3 semester units towards Area 4B	SDCCD: ECON 120
Microeconomics 3, 4, or 5	SDCCD: 3 semester units CSU: 3 semester units UC: 4 quarter/2.7 semester units	SDCCD GE: 3 semester units towards Area D CSU GE: 3 semester units towards Area D2 IGETC: 3 semester units towards Area 4B	SDCCD: ECON 121
Music 3, 4, or 5	SDCCD: 3 semester units CSU: N/A UC: N/A	SDCCD GE: 3 semester units towards Area C CSU GE: N/A UC: N/A	SDCCD: N/A
Music Theory 3, 4, or 5 <i>Exam taken prior to Fall 2009</i>	SDCCD: 6 semester units CSU: 6 semester units UC: 8 quarter/5.3 semester units	SDCCD: 3 semester units towards Area C CSU GE: 3 semester units towards Area C1 IGETC: N/A	SDCCD: N/A
Music Theory 3, 4, or 5 <i>Exam taken Fall 2009 or later</i>	SDCCD: 6 semester units CSU: 6 semester units UC: 8 quarter/5.3 semester units	SDCCD GE: N/A CSU GE: N/A IGETC: N/A	SDCCD: N/A
Physics B 3, 4, or 5 <i>Exam taken prior to Fall 2009</i>	SDCCD: 6 semester units ³ CSU: 6 semester units ³ UC: 8 quarter/5.3 semester units ⁵	SDCCD GE: 6 semester units towards Area B ³ CSU GE: 6 semester units towards Area B1 & B3 ³ IGETC: 4 semester units towards Area 5A & 5C	SDCCD: N/A
Physics B 3, 4, or 5 <i>Exam taken between Fall 2009 and Fall 2013</i>	SDCCD: 6 semester units ³ CSU: 6 semester units ³ UC: 8 quarter/5.3 semester units ⁵	SDCCD GE: 4 semester units towards Area B ³ CSU GE: 4 semester units towards Area B1 & B3 ³ IGETC: 4 semester units towards Area 5A & 5C	SDCCD: N/A
Physics 1 3, 4, or 5	SDCCD: 4 semester units ³ CSU: 4 semester units ³ UC: 8 quarter/5.3 semester units ⁵	SDCCD GE: 4 semester units towards Area B ³ CSU GE: 4 semester units towards Areas B1 & B3 ³ IGETC: N/A	SDCCD: N/A
Physics 2 3, 4, or 5	SDCCD: 4 semester units ³ CSU: 4 semester units ³ UC: 8 quarter/5.3 semester units ⁵	SDCCD GE: 4 semester units towards Area B ³ CSU GE: 4 semester units towards Area B1 & B3 ³ IGETC: N/A	SDCCD: N/A
Physics C (electricity / magnetism) 3, 4, or 5	SDCCD: 4 semester units ³ CSU: 4 semester units ³ UC: 4 quarter/2.7 semester units ⁵	SDCCD GE: 4 semester units towards Area B ³ CSU GE: 4 semester units towards Areas B1 & B3 ³ IGETC: 3 semester units towards Areas 5A & 5C ⁴	SDCCD: N/A

Advanced Placement Test (AP)

EXAM AND REQUIRED SCORE	UNIT REQUIREMENTS FULFILLED	GENERAL EDUCATION (GE) REQUIREMENTS FULFILLED	MAJOR REQUIREMENTS FULFILLED
Physics C (mechanics) 3, 4, or 5	SDCCD: 4 semester units ³ CSU: 4 semester units ³ UC: 4 quarter/2.7 semester units ⁵	SDCCD GE: 4 semester units towards Area B ³ CSU GE: 4 semester units towards Areas B1 & B3 ³ IGETC: 3 semester units towards Areas 5A & 5C ⁴	SDCCD: N/A
Psychology 3, 4, or 5	SDCCD: 3 semester units CSU: 3 semester units UC: 4 quarter/2.7 semester units	SDCCD GE: 3 semester units towards Area D CSU GE: 3 semester units towards Area D9 IGETC: 3 semester units towards Area 4I	SDCCD: PSYC 101
Seminar 3, 4, 5	SDCCD: 6 semester units CSU: 6 semester units UC: 4 quarter/2.7 semester units	SDCCD GE: N/A CSU GE: N/A IGETC: N/A	SDCCD: N/A
Spanish Language 3, 4, or 5 <i>Exam taken prior to Spring 2014</i>	SDCCD: 6 semester units CSU: 6 semester units UC: 8 quarter/5.3 semester units	SDCCD GE: 6 semester units towards Area C CSU GE: 6 semester units towards Area C2 IGETC: 3 semester units towards Area 3B <u>and</u> Area 6A Competency	SDCCD: N/A
Spanish Language and Culture 3, 4, or 5	SDCCD: 6 semester units CSU: 6 semester units UC: 8 quarter/5.3 semester units	SDCCD GE: 3 semester units towards Area C CSU GE: 3 semester units towards Area C2 IGETC: 3 semester units towards Area 3B <u>and</u> Area 6A Competency	SDCCD: N/A
Spanish Literature 3, 4, or 5 <i>Exam taken prior to Spring 2013</i>	SDCCD: 6 semester units CSU: 6 semester units UC: 8 quarter/5.3 semester units	SDCCD GE: 6 semester units towards Area C CSU GE: 6 semester units towards Area C2 IGETC: 3 semester units towards Area 3B <u>and</u> Area 6A Competency	SDCCD: N/A
Spanish Literature and Culture 3, 4, or 5	SDCCD: 6 semester units CSU: 6 semester units UC: 8 quarter/5.3 semester units	SDCCD GE: 3 semester units towards Area C CSU GE: 3 semester units towards Area C2 IGETC: 3 semester units towards Area 3B <u>and</u> Area 6A Competency	SDCCD: N/A
Statistics 3, 4, or 5	SDCCD: 3 semester units CSU: 3 semester units UC: 4 quarter/2.7 semester units	SDCCD GE: 3 semester units towards Area A2 <u>and</u> Mathematics Competency CSU GE: 3 semester units towards Area B4 IGETC: 3 semester units towards Area 2A	SDCCD: MATH 119

Advanced Placement Test (AP)

EXAM AND REQUIRED SCORE	UNIT REQUIREMENTS FULFILLED	GENERAL EDUCATION (GE) REQUIREMENTS FULFILLED	MAJOR REQUIREMENTS FULFILLED
Studio Art: Drawing 3, 4, or 5	SDCCD: 3 semester units CSU: 3 semester units UC: 8 quarter/5.3 semester units ⁶	SDCCD GE: N/A CSU GE: N/A IGETC: N/A	SDCCD: ARTF 150A & ARTF 155A
Studio Art: 2-D Design 3, 4, or 5	SDCCD: 3 semester units CSU: 3 semester units UC: 8 quarter/5.3 semester units ⁶	SDCCD GE: N/A CSU GE: N/A IGETC: N/A	SDCCD: N/A
Studio Art: 3-D Design 3, 4, or 5	SDCCD: 3 semester units CSU: 3 semester units UC: 8 quarter/5.3 semester units ⁶	SDCCD GE: N/A CSU GE: N/A IGETC: N/A	SDCCD: N/A
U.S. Government & Politics 3, 4, or 5	SDCCD: 3 semester units CSU: 3 semester units UC: 4 quarter/2.7 semester units	SDCCD GE: 3 semester units towards Area D & US-2 ⁷ CSU GE: 3 semester units towards Area D8 & US-2 ⁷ IGETC: 3 semester units towards Area 4H & US-2 ⁷	SDCCD: POLI 101
U.S. History 3, 4, or 5	SDCCD: 6 semester units CSU: 6 semester units UC: 8 quarter/5.3 semester units	SDCCD GE: 3 semester units towards Area C & US-1 <u>or</u> Area D & US-1 ⁷ CSU GE: 3 semester units towards Area C2 & US-1 <u>or</u> Area D6 & US-1 ⁷ IGETC: 3 semester units towards Area 3B & US-1 <u>or</u> Area 4F & US-1 ⁷	SDCCD: HIST 109
World History 3, 4, or 5	SDCCD: 6 semester units CSU: 6 semester units UC: 8 quarter/5.3 semester units	SDCCD GE: 3 semester units towards Area C <u>or</u> D CSU GE: 3 semester units towards Area C2 <u>or</u> D6 IGETC: 3 semester units towards Area 3B <u>or</u> 4F	SDCCD: HIST 101
<p>* Credit may not be awarded for exams which duplicate credit for the same content earned through other means.</p> <ol style="list-style-type: none"> 1. If a student passes more than one exam in calculus or computer science, only one exam may be applied to UC / CSU baccalaureate or SDCCD associate degree / certificate requirements. 2. Students passing both English AP exams will receive a maximum of 8 quarter units / 5.3 semester units toward UC baccalaureate degree requirements. 3. Students passing more than one AP exam in physics will receive a maximum of 6 units of credit toward CSU baccalaureate or SDCCD associate degree / certificate requirements and a maximum of 4 units of credit toward CSU GE certification or SDCCD associate degree GE requirements. 4. Students passing either of the Physics C exams will be required to complete at least 4 additional semester units in IGETC Area 5 coursework to meet the IGETC Area 5 unit requirement. 5. Students passing more than one physics AP exam will receive a maximum of 8 quarter units / 5.3 semester units toward UC baccalaureate degree requirements. 6. Students passing more than one AP exam in studio art will receive a maximum of 8 quarter units / 5.3 semester units of credit toward UC baccalaureate degree requirements. 7. Students who have completed the American Institutions requirement except for the California government portion must complete one course approved in Area US-3. 			
To request an official transcript, write to: PSAT/NMSQT Office, P.O. Box 6720, Princeton, NJ, 08541-6720			



2017-2018 Catalog

Addenda/Errata

The following is **added to/replacing** information listed on page 101:

Degree Requirements

The following is required for all AA-T or AS-T degrees:

1. Completion of 60 CSU-transferable semester units.
2. Minimum grade point average (GPA) of at least 2.0 in all CSU-transferable coursework. While a minimum of 2.0 is required for admission, some CSU campuses and majors may require a higher GPA. Please see a counselor for more information.
3. Completion of a minimum of 18 semester units in an "AA-T" or "AS-T" major (see list above). All courses in the major must be completed with a grade of C or better. **A "P" (pass) grade meets this requirement.**
4. Certified completion of the California State University General Education-Breadth pattern (CSU GE; see page 124 for more information); OR the Intersegmental General Education Transfer Curriculum pattern (IGETC; see page 116 for more information).

The following is **added to/replacing** information listed on page 102:

Grade Point Average (GPA) and Minimum Grade Requirements

- Effective 2009-2010 catalog year (and each year thereafter), students must earn a grade of "C" or better in courses required for the major. **A "P" (pass) grade meets this requirement.**
Note: No more than 12 units of a student's coursework completed in the San Diego Community College District graded on a Pass/No Pass basis will be used to meet Associate Degree requirements.
- A grade point average of at least 2.0 (a "C" average) is required in the curriculum upon which the degree is based.

The following is **added to/replacing** information listed on page 103:

Certificate of Achievement

Programs in which a Certificate of Achievement may be awarded are described in the Degree Curricula and Certificate Programs section of this catalog. Certificate programs are designed for students with specific personal or occupational goals. To qualify for the Certificate of Achievement, students must satisfy the following requirements:

1. meet all standards for admission to the desired certificate program;
2. earn a grade of "C" or higher in each course. **A "P" (pass) grade meets this requirement;**
3. complete a minimum of three courses in residence;
4. and a minimum of six semester units of the required courses for the major must be completed at City, Mesa or Miramar College.

Certificate of Performance

Programs in which a Certificate of Performance may be awarded are described in the Degree Curricula and Certificate Programs section of this catalog. A Certificate of Performance recognizes the attainment of knowledge and/or skill through the successful completion of two or more courses as specified by a department. Certificates of Performance are designed to prepare students for employment, job enhancement and/or job advancement. To qualify for the Certificate of Performance, students must satisfy the following requirements:

1. achieve a grade of "C" or better in each of the required courses. **A "P" (pass) grade meets this requirement**

SAN DIEGO
MESA COLLEGE



2017-2018 Catalog
Addenda/Errata

The following **is added to/replacing** information listed on page

124-138:

The IGETC Pattern

- () Colleges in parenthesis indicate where the course is approved for IGETC Requirements.
 C—City College
 M—Mesa College
 MMR—Miramar College
- * Courses with asterisks are listed in more than one area but shall not be certified in more than one area.
- + Courses with pluses indicate transfer credit may be limited by either UC or CSU, or both. Please consult a counselor for additional information.
- @ Courses with @ symbols indicate CSU-only requirements.

Area 1—English Communication

2–3 courses, 6–9 semester/8–12 quarter units

Group A: English Composition

1 course, 3 semester/4–5 quarter units

- ENGL 101 Reading and Composition (C,M,MMR)
 OR
 ENGL 105 Composition and Literature (C,M,MMR)

Group B: Critical Thinking - English Composition

1 course, 3 semester/4–5 quarter units

Courses must have English Composition as a prerequisite

- ENGL 205 Critical Thinking and Intermediate Composition (C,M,MMR)
 PHIL 205 Critical Thinking and Writing in Philosophy (C,M,MMR)

Group C: Oral Communication

1 course, 3 semester/4–5 quarter units

- @ COMS 103 Oral Communication (C,M,MMR)
 @ * COMS 135 Interpersonal Communication (C,M,MMR)
 @ COMS 160 Argumentation (C,M,MMR)
 @ **COMS 170 Small Group Communication (C,M,MMR)**

Area 2—Mathematical Concepts and Quantitative Reasoning

1 course, 3 semester/4–5 quarter units

Courses must have Intermediate Algebra as a prerequisite.

- + BIOL 200 Biological Statistics (C,M)
 BUSE 115 Statistics for Business (C,M,MMR)
 MATH 115 Gateway to Experimental Statistics (C,MMR)
 + MATH 116 College and Matrix Algebra (C,M,MMR)
 + MATH 119 Elementary Statistics (C,M,MMR)
 + MATH 121 Basic Techniques of Applied Calculus I (C,M,MMR)
 + MATH 122 Basic Techniques of Calculus II (C,M,MMR)
 + MATH 141 Precalculus (C,M,MMR)
 + MATH 150 Calculus with Analytic Geometry I (C,M,MMR)
 + MATH 151 Calculus with Analytic Geometry II (C,M,MMR)
 MATH 245 Discrete Mathematics (C,M,MMR)
 MATH 252 Calculus with Analytic Geometry III (C,M,MMR)
 MATH 254 Introduction to Linear Algebra (C,M,MMR)
 MATH 255 Differential Equations (C,M,MMR)
 + PSYC 258 Behavioral Science Statistics (C,M,MMR)

Area 3—Arts and Humanities

3 courses, 9 semester/12–15 quarter units

At least one course from the Arts and one from the Humanities.

3A: Arts Courses

- ARTF 100 Art Orientation (C,M,MMR)
 ARTF 107 Contemporary Art (M,MMR)
 * ARTF 108 Women in Art (M)
 ARTF 109 Modern Art (C,M,MMR)
 ARTF 110 Art History: Prehistoric to Gothic (C,M,MMR)
 ARTF 111 Art History: Renaissance to Modern (C,M,MMR)
 + ARTF 113 Arts of Africa, Oceania, and the Americas (M,MMR)
 + ARTF 115 African Art (C,M)
 + ARTF 120 Native American Art (M)

ARTF 125	Art History: Arts of the Asian Continent (C,M,MMR)	ARAB 102	Second Course in Arabic (C)
ARTF 130	Pre-Columbian Art (M)	ARAB 201A	Third Course in Arabic (C)
ARTF 191	Cultural Influences on Photography (M)	ARCH 126	History of Ancient World Architecture (M)
ARTF 194	Critical Photography (M)	ARCH 127	History of World Architecture: Renaissance Through Contemporary (M)
ARTG 118	Graphic Design History (C,MMR)	* ARTF 108	Women in Art (M)
BLAS 110	African American Art (C,M)	ARTF 191	Cultural Influences on Photography (M)
+ BLAS 111	Cultural Influences on African Art (M)	* BLAS 145A	Introduction to African History (C,M)
BLAS 120	Black Music (C,M)	* BLAS 145B	Introduction to African History (C)
CHIC 230	Chicano Art (C,M)	BLAS 150	Black Women in Literature, Film and the Media (C,M)
DFLM 101	Introduction to Film (MMR)	BLAS 155	African American Literature (C,M)
DFLM 102	The American Cinema (MMR)	CHIC 130	Mexican Literature in Translation (C,M)
DRAM 105	Introduction to Dramatic Arts (C,M)	CHIC 135	Chicana/o Literature (C,M)
DRAM 107	Study of Filmed Plays (C)	CHIC 138	Literature of La Raza in Latin America in Translation (C,M)
DRAM 109	Theatre and Social Issues (C,M)	CHIC 190	Chicano Images in Film (C,M)
DRAM 136	History of Canonized Theatre - Ancient Greece to the Restoration (C,M)	* CHIC 210	Chicano Culture (C,M)
DRAM 137	History of Canonized Western Theatre - Restoration to the Present (C,M)	CHIN 102	Second Course in Mandarin Chinese (M)
DRAM 150	Cinema as Art & Communication I (M)	CHIN 201	Third Course Mandarin Chinese (M)
DRAM 151	Cinema as Art & Communication II (M)	CHIN 202	Fourth Course in Mandarin Chinese (M)
MUSI 100	Introduction to Music (C,M,MMR)	ENGL 208	Introduction to Literature (C,M,MMR)
MUSI 101	Music History I: Middle Ages to Mid 18th Century (M)	ENGL 209	Literary Approaches to Film (C,M,MMR)
MUSI 102	Music History II: Mid 18th–Early 20th Century (M)	ENGL 210	American Literature I (C,M,MMR)
MUSI 103	History of Rock Music (C,M,MMR)	ENGL 211	American Literature II (C,M,MMR)
MUSI 105	Music of Our Time (M)	ENGL 215	English Literature I: 800–1799 (C,M,MMR)
MUSI 109	World Music (C,M,MMR)	ENGL 216	English Literature II: 1800–Present (C,M,MMR)
MUSI 111	Jazz - History & Development (C,M,MMR)	ENGL 220	Masterpieces of World Literature I: 1500 BCE–1600 CE (C,M,MMR)
MUSI 117	Music in the United States (M)	ENGL 221	Masterpieces of World Literature II: 1600–Present (C,M,MMR)
MUSI 118	Asian Music (M)	ENGL 230	Asian American Literature (M,MMR)
MUSI 119	Music in the Americas, Africa & Europe (M)	ENGL 237	Women in Literature (C,MMR)
MUSI 125	Music, The Arts, and Humanity (M)	ENGL 240	Shakespeare (C,M)
PHOT 150	History of Photography (C)	FREN 102	Second Course in French (C,M)
RTVF 160	Introduction to Cinema (C)	FREN 201	Third Course in French (C,M)
RTVF 162	Women in Film (C)	FREN 202	Fourth Course in French (C,M)
<hr/>		GERM 102	Second Course in German (C,M)
3B: Humanities Courses		GERM 201	Third Course in German (C,M)
AMSL 116	American Sign Language Level II (C,M)	* HIST 100	World History I (C,M,MMR)
* AMSL 150	Introduction to Deaf Culture (M)	* HIST 101	World History II (C,M,MMR)
AMSL 215	American Sign Language Level III (C,M)	* HIST 105	Introduction to Western Civilization I (C,M,MMR)
AMSL 216	American Sign Language Level IV (C,M)		

* HIST 106	Introduction to Western Civilization II (C,M,MMR)
* HIST 120	Introduction to Asian Civilizations (C,M,MMR)
* HIST 121	Asian Civilizations in Modern Times (C,M,MMR)
* HIST 131	Latin America Before Independence (M)
* HIST 132	Latin America Since Independence (M)
HUMA 101	Introduction to the Humanities I (C,M,MMR)
HUMA 102	Introduction to the Humanities II (C,M,MMR)
HUMA 103	Introduction to the New Testament (C,M)
HUMA 104	Introduction to the Old Testament (M)
HUMA 106	World Religions (C,M,MMR)
HUMA 201	Mythology (C,M,MMR)
HUMA 205	Exploring Human Values through Film (M)
ITAL 102	Second Course in Italian (C,M)
ITAL 201	Third Course in Italian (C,M)
JAPN 102	Second Course in Japanese (M)
JAPN 201	Third Course in Japanese (M)
JAPN 202	Fourth Course in Japanese (M)
LATI 102	Second Course in Latin (M)
LATI 201	Third Course in Latin (M)
PHIL 102A	Introduction to Philosophy: Reality & Knowledge (C,M,MMR)
PHIL 102B	Introduction to Philosophy: Values (C,M,MMR)
PHIL 103	Historical Introduction to Philosophy (M)
PHIL 104A	History of Western Philosophy (C,M,MMR)
PHIL 104B	History of Western Philosophy (C,M)
PHIL 105	Contemporary Philosophy (C)
PHIL 106	Asian Philosophy (C,M)
PHIL 107	Reflections on Human Nature (C,M,MMR)
PHIL 108	Perspectives on Human Nature & Society (C,M)
PHIL 110	Philosophy of Religion (M)
PHIL 111	Philosophy in Literature (C,M)
PHIL 112	Philosophy of Science (M)
PHIL 125	Philosophy of Women (C,M)
* PHIL 126	Introduction to Philosophy of Contemporary Gender Issues (C,M)
PHIL 130	Philosophy of Art and Music (C,M)

PHIL 131	Environmental Ethics (C,M)
RUSS 102	Second Course in Russian (C,M)
RUSS 201	Third Course in Russian (M)
+ SPAN 102	Second Course in Spanish (C,M,MMR)
+ SPAN 201	Third Course in Spanish (C,M,MMR)
SPAN 202	Fourth Course in Spanish (C,M,MMR)
SPAN 215	Spanish for Spanish Speakers I (C,M)
SPAN 216	Spanish for Spanish Speakers II (C,M)
SUST 102	Environmental Ethics (C)
TAGA 102	Second Course in Tagalog (M,MMR)
TAGA 201	Third Course in Tagalog (M,MMR)
VIET 102	Second Course in Vietnamese (M)
VIET 201	Third Course in Vietnamese (M)

Area 4—Social and Behavioral Sciences

3 courses, 9 semester/12–15 quarter units

Courses from at least two disciplines or an interdisciplinary sequence.

4A: Anthropology and Archaeology Courses

ANTH 103	Introduction to Cultural Anthropology (C,M,MMR)
ANTH 106	World Prehistory (C,M)
ANTH 107	Introduction to Archaeology (C,M,MMR)
ANTH 110	Anthropology of Magic, Witchcraft, and Religion (M)
ANTH 200	Introduction to North American Indians (M)
ANTH 210	Introduction to California Indians (C,M)
ANTH 215	Cultures of Latin America (C,M)
CHIC 201	The Indigenous Tradition of Mexico and Ancient Mesoamerica (C,M)

4B: Economics Courses

ECON 120	Principles of Macroeconomics (C,M,MMR)
ECON 121	Principles of Microeconomics (C,M,MMR)
ECON 220	Economics of the Environment (M)

4C: Ethnic Studies Courses

* AMSL 150	Introduction to Deaf Culture (M)
BLAS 100	Introduction to Black Studies (C,M)

+ BLAS 104	Black Psychology (C,M)
+ BLAS 115	Sociology from a Black Perspective (C)
BLAS 116	Contemporary Social Problems From a Black Perspective (C,M)
BLAS 125	Dynamics of the Black Community (M)
BLAS 130	The Black Family (C,M)
BLAS 135	Introduction to Black Politics (C)
+ BLAS 140A	History of the U.S., Black Perspectives (C,M,MMR)
+ BLAS 140B	History of the U.S., Black Perspectives (C,M,MMR)
* BLAS 145A	Introduction to African History (C,M)
* BLAS 145B	Introduction to African History (C)
CHIC 110A	Introduction to Chicano Studies (C,M)
CHIC 110B	Introduction to Chicano Studies (C,M)
+ CHIC 141A	United States History From a Chicano Perspective (C,M)
+ CHIC 141B	United States History From a Chicano Perspective (C,M)
CHIC 150	History of Mexico (C,M)
CHIC 170	La Chicana (C,M)
CHIC 201	The Indigenous Tradition of Mexico and Ancient Mesoamerica (C,M)
* CHIC 210	Chicano Culture (C,M)
FILI 100	Filipino American Experience (MMR)
+ HIST 150	Native Americans in United States History (M)
+ HIST 151	Native Americans in United States History (M)
SOCO 150	Sociology of Latinos/Latinas (C,M)

4D: Gender Studies

* ARTF 108	Women in Art (M)
BLAS 175	Psycho-History of Racism and Sexism (M)
CHIC 170	La Chicana (C,M)
GEND 101	Introduction to Gender Studies (C)
+ HIST 141	Women in United States History I (M,MMR)
+ HIST 142	Women in United States History II (M,MMR)
* PHIL 126	Introduction to Philosophy of Contemporary Gender Issues (C,M)
PSYC 133	Psychology of Women (M,MMR)

4E: Geography Courses

GEOG 102	Cultural Geography (C,M,MMR)
GEOG 104	World Regional Geography (C,M,MMR)
GEOG 154	Introduction to Urban Geography (C,M)

4F: History Courses

BLAS 140A	History of the United States, Black Perspectives (C,M,MMR)
BLAS 140B	History of the United States, Black Perspectives (C,M,MMR)
+ CHIC 141A	United States History from a Chicano Perspective (C,M)
CHIC 141B	United States History from a Chicano Perspective (C,M)
CHIC 150	History of Mexico (C,M)
* HIST 100	World History I (C,M,MMR)
* HIST 101	World History II (C,M,MMR)
* HIST 105	Introduction to Western Civilization I (C,M,MMR)
* HIST 106	Introduction to Western Civilization II (C,M,MMR)
+ HIST 109	History of the United States I (C,M,MMR)
+ HIST 110	History of the United States II (C,M,MMR)
HIST 115A	History of the Americas I (C,M,MMR)
HIST 115B	History of the Americas II (C,M,MMR)
* HIST 120	Introduction to Asian Civilizations (C,M,MMR)
* HIST 121	Asian Civilizations in Modern Times (C,M,MMR)
HIST 123	U.S. History from the Asian Pacific American Perspective (C,M)
HIST 130	The Modern Middle East (M)
* HIST 131	Latin America Before Independence (M)
* HIST 132	Latin America Since Independence (M)
+ HIST 141	Women in United States History I (M,MMR)
+ HIST 142	Women in United States History II (M,MMR)
+ HIST 150	Native Americans in United States History (M)
+ HIST 151	Native Americans in United States History (M)
HIST 154	Ancient Egypt (M)
HIST 175	California History (M)

4G: Interdisciplinary, Social & Behavioral Sciences

AGRI 100	Principles of Sustainable Agriculture (C)
+ CHIL 101	Human Growth and Development (C,M,MMR)
+ CHIL 103	Lifespan Growth and Development (C,MMR)
* COMS 135	Interpersonal Communication (C,M,MMR)
CRES 101	Conflict Resolution and Mediation (C)
DJRN 100	Mass Media in the Digital Age (C)
ENGL 202	Introduction to Linguistics (C,M)
FUTR 101	Introduction to Futures Studies (C)
FUTR 102	Creating Futures: Methods and Tools (C)
FUTR 103	Emerging Technologies (C)
JOUR 202	Introduction to Mass Communication (C,M,MMR)
NUTR 153	Cultural Foods (M,MMR)
PEAC 101	Introduction to Peace Studies (C)
PEAC 102	Nonviolence and Conflict Resolution (C)
PEAC 201	Environmental Sustainability, Justice and Ethics (C)
RTVF 101	Media Law and Ethics (C)
SOCO 220	Introduction to Research Methods in Sociology (C,MMR)
SOCO 223	Globalization and Social Change (C,M,MMR)
SUST 101	Introduction to Sustainability (C,MMR)

4H: Political Science, Government & Legal Institutions Courses

ADJU 101	Introduction to Administration of Justice (C,MMR)
ADJU 193	Concepts of Criminal Law (MMR)
ADJU 230	Constitutional Law I (MMR)
POLI 101	Introduction to Political Science (C,M,MMR)
POLI 102	The American Political System (C,M,MMR)
POLI 103	Comparative Politics (C,M,MMR)
POLI 140	Contemporary International Politics (C,M,MMR)
SOCO 223	Globalization and Social Change (C,M,MMR)

4I: Psychology Courses

+ PSYC 101	General Psychology (C,M,MMR)
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PSYC 111	Psychological/Social Aspects of Aging, Death and Dying (C,M)
+ PSYC 121	Introduction to Child Psychology (M)
+ PSYC 123	Adolescent Psychology (C,MMR)
PSYC 133	Psychology of Women (M,MMR)
PSYC 135	Marriage and Family Relations (C,M,MMR)
+ PSYC 137	Human Sexual Behavior (C,M,MMR)
PSYC 155	Introduction to Personality (C,M,MMR)
PSYC 166	Introduction to Social Psychology (C,M,MMR)
PSYC 211	Learning (C,M,MMR)
PSYC 230	Psychology of Lifespan Development (C,M,MMR)
PSYC 245	Abnormal Psychology (C,M,MMR)

4J: Sociology & Criminology Courses

BLAS 125	Dynamics of the Black Community (M)
PHIL 109	Issues in Social Philosophy (M)
+ SOCO 101	Principles of Sociology (C,M,MMR)
SOCO 110	Contemporary Social Problems (C,M,MMR)
SOCO 125	Sociology of the Family (C,M)
SOCO 145	Health and Society (C,MMR)
SOCO 150	Sociology of Latinos/Latinas (C,M)
SOCO 201	Advanced Principles of Sociology (C,M,MMR)
SOCO 220	Introduction to Research Methods in Sociology (C,MMR)
SOCO 223	Globalization and Social Change (C,M,MMR)

Area 5—Physical and Biological Sciences

At least 2 courses required, 7–9 semester/9–12 quarter units.

One Physical Science course and one Biological Science course; at least one must include a laboratory.

- One course in 5A (underlined courses include a lab component)
- One course in 5B (underlined courses include a lab component)
- One of the courses selected to fulfill the requirement for 5A or 5B must include a laboratory component or a separate course must

be taken from 5C. If a separate laboratory course is taken from 5C, it must match one of the two lecture courses taken from 5A or 5B.

5A: Physical Science Courses

ASTR 101	Descriptive Astronomy (C,M,MMR)
AVIA 115	Aviation Weather (MMR)
+ CHEM 100	Fundamentals of Chemistry (C,M,MMR)
<u>CHEM 103</u>	General, Organic, and Biological Chemistry (MMR)
CHEM 111	Chemistry in Society (C,M,MMR)
+ CHEM 130	Introduction to Organic & Biological Chemistry (C,M,MMR)
+ CHEM 152	Introduction to General Chemistry (C,M,MMR)
CHEM 200	General Chemistry I - Lecture (C,M,MMR)
CHEM 201	General Chemistry II - Lecture (C,M,MMR)
+ CHEM 231	Organic Chemistry I - Lecture (C,M,MMR)
CHEM 233	Organic Chemistry II - Lecture (C,M,MMR)
<u>CHEM 251</u>	Quantitative Analytical Chemistry (C,M,MMR)
+ <u>ENGN 110</u>	Science for Technical Applications (C)
GEOG 101	Physical Geography (C,M,MMR)
GEOL 100	Physical Geology (C,M,MMR)
GEOL 104	Earth Science (C,M,MMR)
<u>GEOL 111</u>	The Earth Through Time (C,M,MMR)
+ PHYN 100	Survey of Physical Science (C,M,MMR)
PHYN 105	Physical Science for Elementary Education (M)
PHYN 120	The Oceans (M,MMR)
+ <u>PHYS 100</u>	Introductory Physics (C,M)
+ <u>PHYS 125</u>	General Physics (C,M,MMR)
+ <u>PHYS 126</u>	General Physics II (C,M,MMR)
+ PHYS 180A	General Physics I (C,MMR)
+ PHYS 180B	General Physics II (C,MMR)
+ <u>PHYS 195</u>	Mechanics (C,M,MMR)
+ <u>PHYS 196</u>	Electricity and Magnetism (C,M,MMR)
+ <u>PHYS 197</u>	Waves, Optics and Modern Physics (C,M,MMR)

5B: Biological Science Courses

ANTH 102	Introduction to Physical Anthropology (C,M,MMR)
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+ <u>BIOL 100</u>	Natural History Environmental Biology (M,MMR)
<u>BIOL 101</u>	Issues in Environmental Science & Sustainability (C)
+ <u>BIOL 107</u>	General Biology - Lecture and Lab (C,M,MMR)
BIOL 110	Introduction to Oceanography (C,M)
<u>BIOL 115</u>	Marine Biology (C,M,MMR)
+ BIOL 120	The Environment of Man (M)
BIOL 130	Human Heredity (C,M,MMR)
<u>BIOL 131</u>	Introduction to Biotechnology (MMR)
+ BIOL 180	Plants and People (C,M,MMR)
<u>BIOL 205</u>	General Microbiology (C,M,MMR)
<u>BIOL 210A</u>	Introduction to the Biological Sciences I (C,M,MMR)
<u>BIOL 210B</u>	Introduction to the Biological Sciences II (C,M,MMR)
+ <u>BIOL 215</u>	Introduction to Zoology (C,M)
<u>BIOL 230</u>	Human Anatomy (C,M,MMR)
<u>BIOL 235</u>	Human Physiology (C,M,MMR)
+ <u>BIOL 250</u>	Introduction to Botany (M)
PSYC 260	Introduction to Physiological Psychology (C,M,MMR)

5C: Science Laboratory

ANTH 104	Laboratory in Physical Anthropology (C,M,MMR)
+ ASTR 109	Practice in Observing Lab (C,M)
+ ASTR 111	Astronomy Lab (C,M,MMR)
+ CHEM 100L	Fundamentals of Chemistry Lab (C,M,MMR)
CHEM 111L	Chemistry in Society Laboratory (C,M,MMR)
+ CHEM 130L	Introduction to Organic & Biological Chemistry Lab (C,M,MMR)
+ CHEM 152L	Introduction to General Chemistry Lab (C,M,MMR)
CHEM 200L	General Chemistry I - Lab (C,M,MMR)
CHEM 201L	General Chemistry II - Lab (C,M,MMR)
+ CHEM 231L	Organic Chemistry I - Lab (C,M,MMR)
CHEM 233L	Organic Chemistry II - Lab (C,M,MMR)
GEOG 101L	Physical Geography Lab (C,M,MMR)
GEOL 101	Physical Geology Lab (C,M,MMR)
GEOL 120	Earth Science Laboratory (C,M)
+ PHYN 101	Survey of Physical Science Lab (C,M,MMR)
+ PHYS 181A	General Physics Lab I (C,MMR)

+ PHYS 181B General Physics Lab II (C,MMR)

Area 6—Languages other than English

UC Requirement Only. In order to complete IGETC for the University of California system, students are required to demonstrate competence/proficiency in a language other than English equal to two years of high school study. Competence may be demonstrated through the following mechanisms:

1. Completion of two years of the same foreign language of high school level work with grades of "C" or better.
2. Completion of a course or courses at a college or university, with a grade of "C" or better in each course. Usually, one semester of college work in a language other than English is equivalent to two years of high school work.

Any one of the following course or courses completed with a grade of "C" or better, will fulfill the requirement.

6A: Languages Other Than English

AMSL 115	American Sign Language Level I (C,M)
AMSL 116	American Sign Language Level II (C,M)
AMSL 215	American Sign Language Level III (C,M)
AMSL 216	American Sign Language Level IV (C,M)
ARAB 101	First Course in Arabic (C)
ARAB 102	Second Course in Arabic (C)
ARAB 201A	Third Course in Arabic (C)
CHIN 101	First Course in Mandarin Chinese (M)
CHIN 102	Second Course in Mandarin Chinese (M)
CHIN 201	Third Course in Mandarin Chinese (M)
CHIN 202	Fourth Course in Mandarin Chinese (M)
FREN 101	First Course in French (C,M)
FREN 102	Second Course in French (C,M)
FREN 201	Third Course in French (C,M)
FREN 202	Fourth Course in French (C,M)
GERM 101	First Course in German (C,M)
GERM 102	Second Course in German (C,M)
GERM 201	Third Course in German (C,M)
ITAL 101	First Course in Italian (C,M)
ITAL 102	Second Course in Italian (C,M)
ITAL 201	Third Course in Italian (C,M)

JAPN 101	First Course in Japanese (M)
JAPN 102	Second Course in Japanese (M)
JAPN 201	Third Course in Japanese (M)
JAPN 202	Fourth Course in Japanese (M)
LATI 101	First Course in Latin (M)
LATI 102	Second Course in Latin (M)
LATI 201	Third Course in Latin (M)
RUSS 101	First Course in Russian (C,M)
RUSS 102	Second Course in Russian (C,M)
RUSS 201	Third Course in Russian (M)
+ SPAN 101	First Course in Spanish (C,M,MMR)
+ SPAN 102	Second Course in Spanish (C,M,MMR)
+ SPAN 201	Third Course in Spanish (C,M,MMR)
+ SPAN 202	Fourth Course in Spanish (C,M,MMR)
SPAN 215	Spanish for Spanish Speakers I (C,M)
SPAN 216	Spanish for Spanish Speakers II (C,M)
TAGA 101	First Course in Tagalog (M,MMR)
TAGA 102	Second Course in Tagalog (M,MMR)
TAGA 201	Third Course in Tagalog (M,MMR)
VIET 101	First Course in Vietnamese (M)
VIET 102	Second Course in Vietnamese (M)
VIET 201	Third Course in Vietnamese (M)

Achieve a satisfactory score on the SAT Subject Test in languages other than English, as listed below. If the test was taken before May 1995, the first score is the minimum; if the test was taken after May 1995, the second score is the minimum:

- Chinese With Listening: not offered before 1995/520
 - 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/Korean With Listening: not offered before 1995/500
 - Latin: 500/530
 - Spanish/Spanish With Listening: 500/520
3. Achieve a score of 3, 4 or 5 on a College Board Advanced Placement (AP) Examination in a language other than English.

4. Achieve a score of 5 or higher on an International Baccalaureate (IB) Higher Level Examination in a language other than English.
5. Satisfactorily complete a 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. The San Diego Community College District does not administer this test.
6. Complete, with grades of "C" or better, two years of formal schooling at the sixth-grade level or higher in an institution where the language of instruction is not English. If 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.
7. Earn a passing grade on the international A level or O level exam in a language other than English.
8. If an appropriate achievement test is not available to assert proficiency, have competency verified by a faculty member associated with a California community college. Such verification requires that the college provide a document on letterhead asserting that the student's proficiency in the language is equivalent to two years of high school study. See a counselor for more information. Only students who have no other means to verify foreign language proficiency may pursue this option. Students must petition for faculty member verification through the Evaluations Office.

Completion of courses above proficiency level, with grades of "C" or better, may also be used to meet the requirement. Special Topics and Civilization courses DO NOT meet this requirement. See a Counselor.

California State University General Education Breadth (CSUGE-B)

About the CSUGE-Breadth Pattern

The California State University General Education-Breadth (CSUGE-B) pattern is one option that allows California community college transfer students to fulfill the lower-division general education requirements of any California State University (CSU) campus. The curriculum consists of a 39-unit pattern with five areas of concentration.

It is strongly recommended that students consult with a counselor to determine which general education pattern is most appropriate for their individual educational goals.

Certification of CSUGE-Breadth Requirements

Official notification from a California community college that a transfer student has completed courses fulfilling lower-division general education requirements occurs through a process of "certification". Certification is a legal agreement between the CSU and California Community Colleges.

It is the policy of the San Diego Community College District to provide certification of general education breadth requirements when such service is requested by the student. Certification of general education courses is generally requested when the CSUGE-B pattern has been completed.

Additional CSUGE-B Information and Restrictions

- Completion of the CSUGE-B pattern is not an admission requirement nor does completion guarantee admission to any CSU campus or program.
- Certification is based on approved courses listed in the CSUGE-B pattern that are completed in the San Diego Community College District or from other regionally accredited institutions.
- Students pursuing an Associate Degree for Transfer in Biology are eligible to take CSUGE-Breadth for STEM, deferring two lower-division GE courses until after transfer. CSUGE-Breadth for STEM is applicable only to Biology majors in which the Transfer Model Curriculum explicitly indicates the availability of the option. Students using CSUGE-Breadth for STEM must complete:
 - a. All courses in Areas A, B, and E of the traditional GE Breadth 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.

- Courses completed at a foreign college or university cannot be used to satisfy requirements for certification.
- Catalog rights do not apply to the CSUGE-B pattern.
- Prior to certification, students must complete a minimum of 3 units of general education within the CSUGE-B pattern or 12 units in residence at the San Diego Community College District.
- Official transcripts from all colleges and universities attended must be on file before submitting an application for certification. The application is available in the Evaluations Office and/or Counseling Office.
- The CSUGE-B pattern is accepted by some California private and independent colleges and universities in satisfying lower division general education requirements.

For additional information, consult a counselor.

The CSUGE-Breadth Pattern (Option 2)

The following information is based on the 2017–2018 agreement and is distributed as follows:

- () Colleges in parenthesis indicate where the course is approved for CSUGE-B Requirements.
C—City College
M—Mesa College
MMR—Miramar College
- * Courses with asterisks are listed in more than one area but shall not be certified in more than one area.
- # Courses with the number sign are listed more than once in the same area, but will only be used for certification once.

Please note: Courses required in Oral Communication (Area A1), Written Communication (Area A2), Critical Thinking (Area A3), and Mathematics and Quantitative Reasoning (Area B4) must be completed with grades of “C” or better for admission to most CSU campuses and CSUGE-Breadth Certification. *For additional information, consult a counselor.*

Area A. English Language Communication and Critical Thinking:

No fewer than nine semester units (12–15 quarter units) including one course in A1, one course in A2, and one course in A3.

A1: Oral Communication

- COMS 103 Oral Communication (C,M,MMR)
- * COMS 135 Interpersonal Communication (C,M,MMR)
- COMS 170 Small Group Communication (C,M,MMR)**

A2: Written Communication

- ENGL 101 Reading and Composition (C,M,MMR)
- ENGL 105 Composition and Literature (C,M,MMR)

A3: Critical Thinking

- COMS 160 Argumentation (C,M,MMR)
- ENGL 205 Critical Thinking and Intermediate Composition (C,M,MMR)
- PHIL 100 Logic and Critical Thinking (C,M,MMR)
- * PHIL 103 Historical Introduction to Philosophy (M)
- PHIL 205 Critical Thinking and Writing in Philosophy (C,M,MMR)

Area B. Scientific Inquiry and Quantitative Reasoning:

No fewer than nine semester units (12–15 quarter units) Including:

- One course in B1 (underlined courses include a lab component)
- One course in B2 (underlined courses include a lab component)
- One of the courses selected to fulfill the requirement for B1 or B2 must include a laboratory component or a separate course must be taken from B3. If a separate laboratory course is taken from B3, it must match one of the two lecture courses taken from B1 or B2.
- One course in B4

B1: Physical Science

ASTR 101	Descriptive Astronomy (C,M,MMR)
AVIA 115	Aviation Weather (MMR)
CHEM 100	Fundamentals of Chemistry (C,M,MMR)
<u>CHEM 103</u>	General, Organic, and Biological Chemistry (MMR)
CHEM 111	Chemistry in Society (C,M,MMR)
CHEM 130	Introduction to Organic & Biological Chemistry (C,M,MMR)
CHEM 152	Introduction to General Chemistry (C,M,MMR)
CHEM 200	General Chemistry I - Lecture (C,M,MMR)
CHEM 201	General Chemistry II - Lecture (C,M,MMR)
CHEM 231	Organic Chemistry I - Lecture (C,M,MMR)
CHEM 233	Organic Chemistry II - Lecture (C,M,MMR)
<u>CHEM 251</u>	Quantitative Analytical Chemistry (C,M,MMR)
<u>ENGN 110</u>	Science for Technical Applications (C)
GEOG 101	Physical Geography (C,M,MMR)
GEOL 100	Physical Geology (C,M,MMR)
<u>GEOL 111</u>	The Earth Through Time (C,M,MMR)
GEOL 104	Earth Science (C,M,MMR)
<u>MCTR 120A</u>	Basic Physics for Technical Applications I (C)
<u>MCTR 120B</u>	Basic Physics for Technical Applications II (C)
PHYN 100	Survey of Physical Science (C,M,MMR)
PHYN 105	Physical Science for Elementary Education (M)
PHYN 120	The Oceans (M,MMR)
<u>PHYS 100</u>	Introductory Physics (C,M)
<u>PHYS 125</u>	General Physics (C,M,MMR)
<u>PHYS 126</u>	General Physics II (C,M,MMR)
PHYS 180A	General Physics I (C,MMR)
PHYS 180B	General Physics II (C,MMR)
<u>PHYS 195</u>	Mechanics (C,M,MMR)
<u>PHYS 196</u>	Electricity and Magnetism (C,M,MMR)
<u>PHYS 197</u>	Waves, Light and Modern Physics (C,M,MMR)

B2: Life Science

ANTH 102	Introduction to Physical Anthropology (C,M,MMR)
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<u>BIOL 100</u>	Natural History-Environmental Biology (M,MMR)
<u>BIOL 101</u>	Issues in Environmental Science & Sustainability (C)
<u>BIOL 107</u>	General Biology - Lecture and Laboratory (C,M,MMR)
BIOL 109	Introduction to Applied Biology (C)
BIOL 110	Introduction to Oceanography (C,M)
BIOL 111	Cancer Biology (C)
<u>BIOL 115</u>	Marine Biology (C,M,MMR)
BIOL 130	Human Heredity (C,M,MMR)
<u>BIOL 131</u>	Introduction to Biotechnology (MMR)
<u>BIOL 160</u>	Elements of Human Anatomy & Physiology (M,MMR)
BIOL 180	Plants and People (C,M,MMR)
<u>BIOL 205</u>	General Microbiology (C,M,MMR)
<u>BIOL 210A</u>	Introduction to the Biological Sciences I (C,M,MMR)
<u>BIOL 210B</u>	Introduction to the Biological Sciences II (C,M,MMR)
<u>BIOL 215</u>	Introduction to Zoology (C,M)
<u>BIOL 230</u>	Human Anatomy (C,M,MMR)
<u>BIOL 235</u>	Human Physiology (C,M,MMR)
<u>BIOL 250</u>	Introduction to Botany (M)
PSYC 260	Introduction to Physiological Psychology (C,M,MMR)

B3: Laboratory Activity

ANTH 104	Laboratory in Physical Anthropology (C,M,MMR)
ASTR 109	Practice in Observing (C,M)
ASTR 111	Astronomy Laboratory (C,M,MMR)
CHEM 100L	Fundamentals of Chemistry Laboratory (C,M,MMR)
CHEM 111L	Chemistry in Society Laboratory (C,M,MMR)
CHEM 130L	Introduction to Organic & Biological Chemistry Laboratory (C,M,MMR)
CHEM 152L	Introduction to General Chemistry Laboratory (C,M,MMR)
CHEM 200L	General Chemistry I - Laboratory (C,M,MMR)
CHEM 201L	General Chemistry II - Laboratory (C,M,MMR)
CHEM 231L	Organic Chemistry I - Laboratory (C,M,MMR)
CHEM 233L	Organic Chemistry II - Laboratory (C,M,MMR)

GEOG 101L	Physical Geography Laboratory (C,M,MMR)
GEOL 101	Physical Geology Laboratory (C,M,MMR)
GEOL 120	Earth Science Laboratory (C,M)
PHYN 101	Survey of Physical Science Laboratory (C,M,MMR)
PHYS 181A	General Physics Lab I (C,MMR)
PHYS 181B	General Physics Lab II (C,MMR)

PSYC 258	Behavioral Science Statistics (C,M,MMR)
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Area C. Arts and Humanities:

Nine semester units (12–15 quarter units) with at least one course each in Arts and Humanities.

C1: Arts (Art, Cinema, Dance, Music, Theater)

B4: Mathematics/Quantitative Reasoning

BIOL 200	Biological Statistics (C,M)
BUSE 115	Statistics for Business (C,M,MMR)
MATH 104	Trigonometry (C,M,MMR)
MATH 107	Introduction to Scientific Programming (C)
MATH 107L	Introduction to Scientific Programming Laboratory (C)
MATH 115	Gateway to Experimental Statistics (C,MMR)
MATH 116	College and Matrix Algebra (C,M,MMR)
MATH 118	A Survey of Modern Mathematics (C,M)
MATH 119	Elementary Statistics (C,M,MMR)
MATH 121	Basic Techniques of Applied Calculus I (C,M,MMR)
MATH 122	Basic Techniques of Calculus II (C,M,MMR)
MATH 141	Precalculus (C,M,MMR)
MATH 150	Calculus with Analytic Geometry I (C,M,MMR)
MATH 151	Calculus with Analytic Geometry II (C,M,MMR)
MATH 181	Mecomtronics College Algebra and Trigonometry I (C)
MATH 182	Mecomtronics College Algebra and Trigonometry II (C)
MATH 183	Mecomtronics Calculus I (C)
MATH 210A	Concepts of Elementary School Mathematics I (C,M)
MATH 210B	Concepts of Elementary School Mathematics II (C,M)
MATH 245	Discrete Mathematics (C,M,MMR)
MATH 252	Calculus with Analytic Geometry III (C,M,MMR)
MATH 254	Introduction to Linear Algebra (C,M,MMR)
MATH 255	Differential Equations (C,M,MMR)

ARTF 100	Art Orientation (C,M,MMR)
ARTF 107	Contemporary Art (M,MMR)
ARTF 108	Women in Art (M)
ARTF 109	Modern Art (C,M,MMR)
ARTF 110	Art History: Prehistoric to Gothic (C,M,MMR)
ARTF 111	Art History: Renaissance to Modern (C,M,MMR)
ARTF 113	Arts of Africa, Oceania, and the Americas (M,MMR)
ARTF 115	African Art (C,M)
ARTF 120	Native American Art (M)
ARTF 125	Art History: Arts of the Asian Continent (C,M,MMR)
ARTF 130	Pre-Columbian Art (M)
ARTF 191	Cultural Influences on Photography (M)
ARTF 194	Critical Photography (M)
ARTG 118	Graphic Design History (C,MMR)
BLAS 110	African American Art (C,M)
BLAS 111	Cultural Influences on African Art (M)
BLAS 120	Black Music (C,M)
CHIC 230	Chicano Art (C,M)
DANC 181	History of Dance (C,M)
DFLM 101	Introduction to Film (MMR)
DFLM 102	The American Cinema (MMR)
DRAM 105	Introduction to Dramatic Arts (C,M)
DRAM 107	Study of Filmed Plays (C)
DRAM 109	Theatre and Social Issues (C,M)
DRAM 111	Chicana/o Theatre (C)
DRAM 136	History of Canonized Theatre - Ancient Greece to the Restoration (C,M)
DRAM 137	History of Canonized Western Theatre - Restoration to the Present (C,M)
DRAM 150	Cinema as Art and Communication I (M)
DRAM 151	Cinema as Art and Communication II (M)

FASH 120	Fashion History and Trends (M)	CHIC 190	Chicano Images in Film (C,M)
INTE 125	History of Furniture and Interiors (M)	CHIC 210	Chicano Culture (C,M)
MUSI 100	Introduction to Music (C,M,MMR)	CHIN 101	First Course in Mandarin Chinese (M)
MUSI 101	Music History I: Middle Ages to Mid 18th Century (M)	CHIN 102	Second Course in Mandarin Chinese (M)
MUSI 102	Music History II: Mid 18th to Early 20th Century (M)	CHIN 201	Third Course in Mandarin Chinese (M)
MUSI 103	History of Rock Music (C,M,MMR)	CHIN 202	Fourth Course in Mandarin Chinese (M)
MUSI 105	Music of Our Time (M)	ENGL 208	Introduction to Literature (C,M,MMR)
MUSI 109	World Music (C,M,MMR)	ENGL 209	Literary Approaches to Film (C,M,MMR)
MUSI 111	Jazz - History and Development (C,M,MMR)	ENGL 210	American Literature I (C,M,MMR)
MUSI 117	Music in the United States (M)	ENGL 211	American Literature II (C,M,MMR)
MUSI 118	Asian Music (M)	ENGL 215	English Literature I: 800–1799 (C,M,MMR)
MUSI 119	Music in the Americas, Africa & Europe (M)	ENGL 216	English Literature II: 1800–Present (C,M,MMR)
MUSI 125	Music, the Arts and Humanity (M)	ENGL 220	Masterpieces of World Literature I: 1500 BCE–1600 CE (C,M,MMR)
PHOT 150	History of Photography (C)	ENGL 221	Masterpieces of World Literature II: 1600–Present (C,M,MMR)
RTVF 160	Introduction to Cinema (C)	ENGL 230	Asian American Literature (M,MMR)
RTVF 162	Women in Film (C)	ENGL 237	Women in Literature (C,MMR)

C2: Humanities (Literature, Philosophy, Languages Other than English)

AMSL 115	American Sign Language Level I (C,M)	FREN 101	First Course in French (C,M)
AMSL 116	American Sign Language Level II (C,M)	FREN 102	Second Course in French (C,M)
* AMSL 150	Introduction to Deaf Culture (M)	FREN 201	Third Course in French (C,M)
AMSL 215	American Sign Language Level III (C,M)	FREN 202	Fourth Course in French (C,M)
AMSL 216	American Sign Language Level IV (C,M)	GERM 101	First Course in German (C,M)
ARAB 101	First Course in Arabic (C)	GERM 102	Second Course in German (C,M)
ARAB 102	Second Course in Arabic (C)	GERM 201	Third Course in German (C,M)
ARAB 201A	Third Course in Arabic (C)	* HIST 100	World History I (C,M,MMR)
ARTF 108	Women in Art (M)	* HIST 101	World History II (C,M,MMR)
ARCH 126	History of Ancient World Architecture (M)	* HIST 105	Introduction to Western Civilization I (C,M,MMR)
ARCH 127	History of World Architecture: Renaissance Through Contemporary (M)	* HIST 106	Introduction to Western Civilization II (C,M,MMR)
ARTF 191	Cultural Influences on Photography (M)	* HIST 120	Introduction to Asian Civilizations (C,M,MMR)
BLAS 150	Black Women in Literature, Film and the Media (C,M)	* HIST 121	Asian Civilizations in Modern Times (C,M,MMR)
BLAS 155	African American Literature (C,M)	* HIST 131	Latin America Before Independence (M)
CHIC 130	Mexican Literature in Translation (C,M)	* HIST 132	Latin America Since Independence (M)
CHIC 135	Chicana/o Literature (C,M)	* HIST 154	Ancient Egypt (M)
CHIC 138	Literature of La Raza in Latin America in Translation (C,M)	* HUMA 101	Introduction to the Humanities I (C,M,MMR)

BLAS 115	Sociology from a Black Perspective (C)	GEOG 104	World Regional Geography (C,M,MMR)
BLAS 116	Contemporary Social Problems from a Black Perspective (C,M)	GEOG 154	Introduction to Urban Geography (C,M)
BLAS 125	Dynamics of the Black Community (M)	* HIST 100	World History I (C,M,MMR)
BLAS 130	The Black Family (C,M)	* HIST 101	World History II (C,M,MMR)
BLAS 135	Introduction to Black Politics (C)	* HIST 105	Introduction to Western Civilization I (C,M,MMR)
BLAS 140A	History of the U.S., Black Perspectives (C,M,MMR)	* HIST 106	Introduction to Western Civilization II (C,M,MMR)
BLAS 140B	History of the U.S., Black Perspectives (C,M,MMR)	HIST 109	History of the United States I (C,M,MMR)
BLAS 145A	Introduction to African History (C,M)	HIST 110	History of the United States II (C,M,MMR)
BLAS 145B	Introduction to African History (C)	HIST 115A	History of the Americas I (C,M,MMR)
BLAS 175	Psycho-History of Racism and Sexism (M)	HIST 115B	History of the Americas II (C,M,MMR)
CHIC 110A	Introduction to Chicano Studies (C,M)	* HIST 120	Introduction to Asian Civilizations (C,M,MMR)
CHIC 110B	Introduction to Chicano Studies (C,M)	* HIST 121	Asian Civilizations in Modern Times (C,M,MMR)
CHIC 141A	United States History from a Chicano Perspective (C,M)	HIST 123	U.S. History from the Asian Pacific American Perspective (C,M)
CHIC 141B	United States History from a Chicano Perspective (C,M)	HIST 130	The Modern Middle East (M)
CHIC 150	History of Mexico (C,M)	* HIST 131	Latin America Before Independence (M)
CHIC 170	La Chicana (C,M)	* HIST 132	Latin America Since Independence (M)
CHIC 201	The Indigenous Tradition of Mexico and Ancient Mesoamerica (C,M)	HIST 141	Women in United States History I (M,MMR)
* CHIL 101	Human Growth and Development (C,M,MMR)	HIST 142	Women in United States History II (M,MMR)
* CHIL 103	Lifespan Growth and Development (C,MMR)	HIST 150	Native Americans in United States History (M)
CHIL 141	The Child, Family and Community (C,M,MMR)	HIST 151	Native Americans in United States History (M)
* COMS 135	Interpersonal Communication (C,M,MMR)	* HIST 154	Ancient Egypt (M)
CRES 101	Conflict Resolution and Mediation (C)	HIST 175	California History (M)
DJRN 100	Mass Media in the Digital Age (C)	* HUMS 101	Introduction to Human Aging (C)
ECON 120	Principles of Macroeconomics (C,M,MMR)	JOUR 202	Introduction to Mass Communication (C,M,MMR)
ECON 121	Principles of Microeconomics (C,M,MMR)	* NUTR 153	Cultural Foods (M,MMR)
ECON 220	Economics of the Environment (M)	PEAC 101	Introduction to Peace Studies (C)
ENGL 202	Introduction to Linguistics (C,M)	PEAC 102	Nonviolence and Conflict Resolution (C)
FILI 100	Filipino American Experience (MMR)	PEAC 201	Environmental Sustainability, Justice and Ethics (C)
FUTR 101	Introduction to Futures Studies (C)	PHIL 109	Issues in Social Philosophy (M)
FUTR 102	Creating Futures: Methods and Tools (C)	* PHIL 126	Introduction to Philosophy of Contemporary Gender Issues (C,M)
FUTR 103	Emerging Technologies (C)	POLI 101	Introduction to Political Science (C,M,MMR)
GDEV 101	Introduction to Global Development Studies (C)		
GEND 101	Introduction to Gender Studies (C)		
GEOG 102	Cultural Geography (C,M,MMR)		

POLI 102	The American Political System (C,M,MMR)	BLAS 165	Sexuality and Black Culture (C,M)
POLI 103	Comparative Politics (C,M,MMR)	BUSE 120	Personal Financial Management (C,M,MMR)
POLI 140	Contemporary International Politics (C,M,MMR)	* CHIL 101	Human Growth and Development (C,M,MMR)
PSYC 101	General Psychology (C,M,MMR)	* CHIL 103	Lifespan Growth and Development (C,MMR)
* PSYC 111	Psychological/Social Aspects of Aging, Death and Dying (C,M)	COMS 180	Intercultural Communication (C,M,MMR)
PSYC 121	Introduction to Child Psychology (M)	DANC 127	Movement for Wellness (C)
PSYC 123	Adolescent Psychology (C,MMR)	HEAL 101	Health and Life Style (C,M,MMR)
PSYC 133	Psychology of Women (M,MMR)	* HUMS 101	Introduction to Human Aging (C)
* PSYC 135	Marriage and Family Relations (C,M,MMR)	NUTR 150	Nutrition (C,M,MMR)
* PSYC 137	Human Sexual Behavior (C,M,MMR)	* NUTR 153	Cultural Foods (M,MMR)
PSYC 155	Introduction to Personality (C,M,MMR)	PERG 120	College Success and Lifelong Learning (C,M,MMR)
PSYC 166	Introduction to Social Psychology (C,M,MMR)	PERG 130	Career - Life Planning (C,M,MMR)
PSYC 211	Learning (C,M,MMR)	PERG 140	Life Skills and Personal Adjustment (C,M,MMR)
* PSYC 230	Psychology of Lifespan Development (C,M,MMR)	EXSC 125A	Aerobic Dance I (C,M,MMR)
PSYC 245	Abnormal Psychology (C,M,MMR)	EXSC 125B	Aerobic Dance II (C,M,MMR)
RTVF 101	Media Law and Ethics (C)	EXSC 125C	Aerobic Dance III (C,M,MMR)
RTVF 162	Women in Film (C)	EXSC 125D	Aerobic Dance IV (C,M,MMR)
SOCO 101	Principles of Sociology (C,M,MMR)	EXSC 126A	Cardio Conditioning I (C,M,MMR)
SOCO 110	Contemporary Social Problems (C,M,MMR)	EXSC 126B	Cardio Conditioning II (C,M,MMR)
SOCO 125	Sociology of the Family (C,M)	EXSC 126C	Cardio Conditioning III (C,M,MMR)
* SOCO 145	Health and Society (C,MMR)	EXSC 126D	Cardio Conditioning IV (C,M,MMR)
SOCO 150	Sociology of Latinos/Latinas (C,M)	EXSC 134	Adapted Weight Training (C,M,MMR)
SOCO 201	Advanced Principles of Sociology (C,M,MMR)	EXSC 135A	Individual Conditioning I - Fundamentals (C,M,MMR)
SOCO 220	Introduction to Research Methods in Sociology (C,MMR)	EXSC 135B	Individual Conditioning II - Beginning (C,M,MMR)
SOCO 223	Globalization and Social Change (C,M,MMR)	EXSC 135C	Individual Conditioning III - Intermediate (C,M,MMR)
SUST 101	Introduction to Sustainability (C,MMR)	EXSC 135D	Individual Conditioning IV - Advanced (C,M,MMR)
		EXSC 145A	Yoga I - Fundamentals of Yoga (C,M,MMR)
		EXSC 145B	Yoga II - Beginning Yoga (C,M,MMR)
		EXSC 145C	Yoga III - Intermediate (C,M,MMR)
		EXSC 145D	Yoga IV - Advanced Level (C,M,MMR)
		* PSYC 111	Psychological/Social Aspects of Aging, Death and Dying (C,M)
		PSYC 112	Interpersonal Relations (M)
		* PSYC 135	Marriage and Family Relations (C,M,MMR)
		* PSYC 137	Human Sexual Behavior (C,M,MMR)

Area E. Lifelong Learning and Self-Development:

Three semester units (4–5 quarter units), not all in physical activity.

ADJU 205	Leadership Theory and Practice (MMR)
AVIA 133	Human Factors in Aviation (MMR)
BIOL 120	The Environment of Man (M)
BIOL 135	Biology of Human Nutrition (MMR)

* PSYC 230 Psychology of Lifespan Development (C,M,MMR)

* SOCO 145 Health and Society (C,MMR)

Note: Students who have completed at least 6 months of continuous active US military service have satisfied Area E. DD214 or military transcript must be on file.

Course Identification Numbering System (C-ID)

The Course Identification Numbering System (C-ID) is a statewide numbering system independent from the course numbers assigned by local California community colleges. The purpose of a C-ID designation is to identify comparable courses within the California community college system and participating four-year institutions. When a C-ID number is listed in the catalog in association with a course, students can be assured that it will be accepted in lieu of a course bearing the same C-ID designation at another California community college. Many universities, including the University of California (UC) do not participate in the C-ID system. Therefore, students should always reference www.assist.org to confirm how each community college's course will be accepted at a specific four-year college or university for transfer credit.

Course	C-ID Descriptor
ACCT 116A Financial Accounting (C,M,MMR)	ACCT 110
ACCT 116B Managerial Accounting (C,M,MMR)	ACCT 120
ADJU 101 Introduction to Administration of Justice (C,MMR)	AJ 110
ADJU 102 Criminal Law I (C,MMR)	AJ 120
ADJU 162 Criminal Investigation (MMR)	AJ 140
ADJU 161 Juvenile Procedures (MMR)	AJ 220
ADJU 201 California Criminal Procedure (MMR)	AJ 122
ADJU 210 Rules of Evidence (MMR)	AJ 124
ADJU 220 Law Enforcement Forensics (MMR)	AJ 150
AGRI 107 Introduction to Agricultural Plant Science (C)	AG-PS 106L
AGRI 114 Plant Propagation (C)	AG-EH 116L
AGRI 125 Introduction to Soil Science (C)	AG-PS 128L

Course	C-ID Descriptor
ANTH 102 Introduction to Physical Anthropology (C,M,MMR)	ANTH 110
ANTH 103 Introduction to Cultural Anthropology (C,M,MMR)	ANTH 120
ANTH 107 Introduction to Archaeology (C,M,MMR)	ANTH 150
ARTF 111 Art History: Renaissance to Modern (C,M,MMR)	ARTH 120
ARTF 125 Art History: Arts of the Asian Continent (C,M,MMR)	ARTH 130
ARTF 150A Two-Dimensional Design (C,M,MMR)	ARTS 100
ARTF 151 Three-Dimensional Design (C,M,MMR)	ARTS 101
ARTF 152 Color Theory (M)	ARTS 270
ARTF 155A Freehand Drawing I (C,M,MMR)	ARTS 110
ARTF 155B Freehand Drawing II (C,M,MMR)	ARTS 205
ARTF 165A Composition in Painting I (C,M,MMR)	ARTS 210
ARTF 170A Contemporary Crafts I (C,MMR)	ARTS 280
ARTF 210A Life Drawing I (C,M,MMR)	ARTS 200
ARTF 231 Introduction to Digital Art (M)	ARTS 250
BIOL 200 Biological Statistics (C,M)	SOCI 125
BIOL 210B Introduction to the Biological Sciences II (C,M,MMR)	BIOL 140
BIOL 230 Human Anatomy (C,M,MMR)	BIOL 110B
BUSE 100 Introduction to Business (C,M,MMR)	BUS 110
BUSE 119 Business Communications (C,M,MMR)	BUS 115
BUSE 140 Business Law and the Legal Environment (C,M,MMR)	BUS 120
BUSE 140 Business Law and the Legal Environment (C,M,MMR)	BUS 125
CHIL 101 Human Growth and Development (C,M,MMR)	CDEV 100
CHEM 100 Fundamentals of Chemistry (C,M,MMR)	CHEM 101
CHEM 100L Fundamentals of Chemistry Laboratory (C,M,MMR)	CHEM 101
CHEM 200 General Chemistry I - Lecture (C,M,MMR)	CHEM 110
CHEM 200L General Chemistry I - Laboratory (C,M,MMR)	CHEM 120S
CHEM 200L General Chemistry I - Laboratory (C,M,MMR)	CHEM 110
CHEM 200L General Chemistry I - Laboratory (C,M,MMR)	CHEM 120S



2017-2018 Catalog Addenda/Errata

The following is **added to/replacing** information listed on page 163:

Associate of Arts Degree:

Art-Fine Art

Art History Emphasis

COURSES REQUIRED FOR THE MAJOR:

		<u>UNITS</u>
ARTF 107	Contemporary Art	3
ARTF 109	Modern Art	3
ARTF 110	Art History: Prehistoric to Gothic	3
ARTF 111	Art History: Renaissance to Modern	3
ARTF 113	Arts of Africa, Oceania, and the Americas	3
ARTF 125	Art History: Arts of the Asian Continent	3
ARTF 150A	Two-Dimensional Design	3
ARTF 151	Three-Dimensional Design	3
or ARTF 155A	Freehand Drawing I	3
or ARTF 231	Introduction to Digital Art	3

SELECT THREE COURSES FROM:

UNITS

ARTF 108	Women in Art	3
ARTF 115	African Art	3
ARTF 120	Native American Art	3
ARTF 130	Pre-Columbian Art	3
ARTF 161A	Museum Studies/Gallery Exhibition Skills I	3
ARTF 165A	Composition in Painting I	3
ARTF 175A	Sculpture I	3
ARTF 191	Cultural Influences on Photography	3
ARTF 194	Critical Photography	3
ARTF 195A	Ceramics I	3
ARTF 210A	Life Drawing I	3
BLAS 110	African American Art	3
CHIC 230	Chicano Art	3

Total Units

33

The following is **added to/replacing** information listed on page 180:

Associate of Arts Degree:

Chicana and Chicano Studies

COURSES REQUIRED FOR THE MAJOR:

UNITS

CHIC 110A	Introduction to Chicano Studies	3
or CHIC 110B	Introduction to Chicano Studies	3
CHIC 135	Chicana/o Literature	3
CHIC 141A	United States History from a Chicano Perspective	3
CHIC 141B	United States History from a Chicano Perspective	3



2017-2018 Catalog Addenda/Errata

SPAN 201	Third Course in Spanish	5
or SPAN 202	Fourth Course in Spanish	5
or SPAN 215	Spanish for Spanish Speakers I	5
or SPAN 216	Spanish for Spanish Speakers II	5

<u>SELECT THREE UNITS FROM THE FOLLOWING:</u>		<u>UNITS</u>
CHIC 170	La Chicana	3
or CHIC 190	Chicano Images in Film	3
or CHIC 210	Chicano Culture	3
or CHIC 230	Chicano Art	3

Total Units	20
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The following is **added to/replacing** information listed on pages 273-274:

Music Studies, Associate of Arts Degree

COURSES REQUIRED FOR THE MAJOR: UNITS

SELECT FIFTEEN UNITS FROM THE FOLLOWING COURSES. UNITS

MUSI 100	Introduction to Music	3
MUSI 103	History of Rock Music	3
MUSI 105	Music of Our Time	3
MUSI 109	World Music	3
MUSI 110	Music for Elementary School Teachers	3
MUSI 111	Jazz - History and Development	3
MUSI 123	Recital Hour	0.5
MUSI 125	Music, The Arts, and Humanity	3
MUSI 150A	Basic Musicianship	3
MUSI 158A	Music Theory I	4
MUSI 158B	Music Theory II	4
MUSI 213A	Jazz Theory for Piano I	4
MUSI 213B	Jazz Theory For Piano II	4
MUSI 258A	Music Theory III	4
MUSI 258B	Music Theory IV	4
MUSI 268A	Beginning Ear Training Laboratory I	1
MUSI 268B	Beginning Ear Training Laboratory II	1
MUSI 269A	Advanced Ear Training Laboratory III	1
MUSI 269B	Advanced Ear Training Laboratory IV	1
MUSI 117	Music in the United States	3
MUSI 118	Asian Music	3
MUSI 119	Music in the Americas, Africa & Europe	3

SELECT TWELVE UNITS FROM THE FOLLOWING COURSES. UNITS

MUSI 116A	College Piano I	2
MUSI 116B	College Piano II	2
MUSI 216	College Piano III	2



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MUSI 120	Beginning Voice Class	2
MUSI 121	Intermediate Voice	2
MUSI 135A	College Guitar I	2
MUSI 135B	College Guitar II	2
MUSI 137	Singing Plus	2
MUSI 190	The Electronic Music Studio	3
MUSI 201	Recording Arts	3
MUSI 202	Computer Music	3
MUSI 203	Large Console Audio Recording	3
MUSI 205A	Projects in Electronic Music	3
MUSI 205B	Projects in Electronic Music	3
MUSI 206A	Projects in Composition	3
MUSI 206B	Projects in Composition	3
MUSI 210A	Vocal Ensemble I	2.5
MUSI 210B	Vocal Ensemble II	2.5
MUSI 210C	Vocal Ensemble III	2.5
MUSI 210D	Vocal Ensemble IV	2.5
MUSI 240	Advanced Voice Class I	2
MUSI 241	Advanced Voice II	2
MUSI 250A	Athletic Concert Band I	1
MUSI 250B	Athletic Concert Band II	1
MUSI 250C	Athletic Concert Band III	1
MUSI 250D	Athletic Concert Band IV	1
MUSI 251A	World Music Ensemble I	2
MUSI 251B	World Music Ensemble II	2
MUSI 251C	World Music Ensemble III	2
MUSI 251D	World Music Ensemble IV	2
MUSI 252	Concert Jazz Band	1 - 3
MUSI 253A	Jazz Ensemble I	1 - 3
MUSI 253B	Jazz Ensemble II	1 - 3
MUSI 253C	Jazz Ensemble III	1 - 3
MUSI 253D	Jazz Ensemble IV	1 - 3
MUSI 256A	Guitar Ensemble I	2
MUSI 256B	Guitar Ensemble II	2
MUSI 256C	Guitar Ensemble III	2
MUSI 256D	Guitar Ensemble IV	2
MUSI 174A	Individualized Study I	1
MUSI 174B	Individualized Study II	1
MUSI 174C	Individualized Study III	1
MUSI 174D	Individualized Study IV	1
MUSI 274A	Applied Music I	1
MUSI 274B	Applied Music II	1
MUSI 274C	Applied Music III	1
MUSI 274D	Applied Music IV	1

MUSIC MAJORS PLANNING TO TRANSFER

Music course requirements can vary from school to school; students are strongly urged to contact the four-year institution of their choice prior to transferring to verify required coursework. Because the curriculum at many four-year colleges expect that students' first two years of study include 1) two semesters of music history, 2) four semesters of music theory, 3) four semesters of ear-training, 4) four semesters of individual applied music study, 5) piano proficiency and 6) four semesters of participation in a performance group, it is recommended that students planning to transfer as a junior select from the following courses:

RECOMMENDED ELECTIVES: MUSIC LISTENING

UNITS

MUSI 100 Introduction to Music

3



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MUSI 103	History of Rock Music	3
MUSI 105	Music of Our Time	3
MUSI 109	World Music	3
MUSI 111	Jazz - History and Development	3
MUSI 117	Music in the United States	3
MUSI 118	Asian Music	3
MUSI 119	Music in the Americas, Africa & Europe	3
MUSI 125	Music, The Arts, and Humanity	3

RECOMMENDED ELECTIVES: PIANO

		<u>UNITS</u>
MUSI 116A	College Piano I	2
MUSI 116B	College Piano II	2
MUSI 216	College Piano III	2

RECOMMENDED ELECTIVES: MUSIC THEORY

		<u>UNITS</u>
MUSI 150A	Basic Musicianship	3
MUSI 158A	Music Theory I	4
MUSI 158B	Music Theory II	4
MUSI 258A	Music Theory III	4
MUSI 258B	Music Theory IV	4

RECOMMENDED ELECTIVES: EAR TRAINING

		<u>UNITS</u>
MUSI 268A	Beginning Ear Training Laboratory I	1
MUSI 268B	Beginning Ear Training Laboratory II	1
MUSI 269A	Advanced Ear Training Laboratory III	1
MUSI 269B	Advanced Ear Training Laboratory IV	1

RECOMMENDED ELECTIVES: APPLIED MUSIC

		<u>UNITS</u>
MUSI 174A	Individualized Study I	1
MUSI 174B	Individualized Study II	1
MUSI 174C	Individualized Study III	1
MUSI 174D	Individualized Study IV	1
MUSI 274A	Applied Music I	1
MUSI 274B	Applied Music II	1
MUSI 274C	Applied Music III	1
MUSI 274D	Applied Music IV	1

RECOMMENDED ELECTIVES: PERFORMANCE GROUPS

		<u>UNITS</u>
MUSI 210A	Vocal Ensemble I	2.5
MUSI 210B	Vocal Ensemble II	2.5
MUSI 210C	Vocal Ensemble III	2.5
MUSI 210D	Vocal Ensemble IV	2.5
MUSI 250A	Athletic Concert Band I	1
MUSI 250B	Athletic Concert Band II	1
MUSI 250C	Athletic Concert Band III	1
MUSI 250D	Athletic Concert Band IV	1
MUSI 251A	World Music Ensemble I	2
MUSI 251B	World Music Ensemble II	2
MUSI 251C	World Music Ensemble III	2
MUSI 251D	World Music Ensemble IV	2



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MUSI 252	Concert Jazz Band	1 - 3
MUSI 253A	Jazz Ensemble I	1 - 3
MUSI 253B	Jazz Ensemble II	1 - 3
MUSI 253C	Jazz Ensemble III	1 - 3
MUSI 253D	Jazz Ensemble IV	1 - 3
MUSI 256A	Guitar Ensemble I	2
MUSI 256B	Guitar Ensemble II	2
MUSI 256C	Guitar Ensemble III	2
MUSI 256D	Guitar Ensemble IV	2

Total Units 27

The following is **added to/replacing** information listed on page 282:

Associate of Science Degree:
Physical Sciences (General)

<u>COURSES REQUIRED FOR THE MAJOR:</u>		<u>UNITS</u>
GEOL 100	Physical Geology	3
GEOL 101	Physical Geology Laboratory	1

<u>AT LEAST 4 UNITS FROM THE FOLLOWING:</u>		<u>UNITS</u>
ASTR 101	Descriptive Astronomy	3
or ASTR 109	Practice in Observing	1
or ASTR 111	Astronomy Laboratory	1

<u>AT LEAST 8 UNITS FROM THE FOLLOWING:</u>		<u>UNITS</u>
CHEM 100	Fundamentals of Chemistry	3
or CHEM 100L	Fundamentals of Chemistry Laboratory	1
or CHEM 130	Introduction to Organic and Biological Chemistry	3
or CHEM 130L	Introduction to Organic and Biological Chemistry Laboratory	1
or CHEM 152	Introduction to General Chemistry	3
or CHEM 152L	Introduction to General Chemistry Laboratory	1
or CHEM 200	General Chemistry I - Lecture	3
or CHEM 200L	General Chemistry I - Laboratory	2
or CHEM 201	General Chemistry II - Lecture	3
or CHEM 201L	General Chemistry II - Laboratory	2

<u>AT LEAST 3 UNITS FROM THE FOLLOWING:</u>		<u>UNITS</u>
GEOG 101	Physical Geography	3
or GEOG 101L	Physical Geography Laboratory	1
or GEOL 100	Physical Geology	3
or GEOL 101	Physical Geology Laboratory	1



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<u>AT LEAST 8 UNITS FROM THE FOLLOWING:</u>		<u>UNITS</u>
PHYS 100	Introductory Physics	4
or PHYS 181A ¹	General Physics Laboratory I	1
or PHYS 181B ¹	General Physics Laboratory II	1
or PHYS 125	General Physics	5
or PHYS 126	General Physics II	5
or PHYS 180A ¹	General Physics I	4
or PHYS 180B ¹	General Physics II	4
or PHYS 195	Mechanics	5
or PHYS 196	Electricity and Magnetism	5
or PHYS 197	Waves, Optics and Modern Physics	5

¹Offered at City College only.

<u>AT LEAST 8 UNITS FROM THE FOLLOWING:</u>		<u>UNITS</u>
MATH 096	Intermediate Algebra and Geometry	5
or MATH 104	Trigonometry	3
or MATH 107	Introduction to Scientific Programming	3
or MATH 118	Math for the Liberal Arts Student	3
or MATH 119	Elementary Statistics	3
or MATH 141	Precalculus	5
or MATH 150	Calculus with Analytic Geometry I	5
or MATH 151	Calculus with Analytic Geometry II	4
or MATH 252	Calculus with Analytic Geometry III	4

Total Units 35

The following is added to/replacing information listed on page 449:

157 International Field Studies: Focused Study

3-12 hours lab, ~~1-4.5 units~~
1-4.0 units

This course is a field study of special topics in the international fashion industry. Emphasis is placed on expanding one's knowledge in a focused way through experiences abroad with global fashion design, merchandising, technology and business operations. This course is intended for students majoring in fashion who wish to explore an area of the international fashion industry in greater depth.