



**2018-2019 Catalog**  
**Addenda/Errata**  
**2nd Edition**  
**7/19/2018**

The following is **replacing** information listed on page 30:

**Health Services Fee**

All students are assessed a mandatory fee for health services and accident insurance, whether or not they choose to use the health services available to them. The health services fee is currently ~~\$19.00~~ **\$20.00** per semester for Fall and Spring semesters, and ~~\$16.00~~ **\$17.00** for the Summer session. The following students are exempt from the health fee:

The following is **added to/replacing** information listed on pages 106-115:

Course	Area US-1: Development of American Institutions	Area US-2: US Constitution	Area US-3: California State & Local Governments
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 U.S. History (M)	✓	✓	
^HIST 151 Native Americans in U.S. History (M)	✓		✓
HIST 175 California History (M)			✓
POLI 102 The American Political System (C, M, MMR)		✓	✓

**NOTES:**

- *Courses designated with a caret (^) may also be used to fulfill the District Multicultural studies requirement.*
- *Completion of the Advanced Placement examination in U.S. History with a score of 3 or higher will satisfy the requirement for the CSU American Institutions Area US-1 only.*
- *Completion of the Advanced Placement examination in U.S. Government & Politics with a score of 3 or higher will satisfy the requirement for Area US-2.*
- *Students who have completed the American Institutions requirement except for the California government portion must complete one course approved in Area US-3.*

#### 4. Health Education

This requirement is met by completing Health Education 101: Health and Lifestyle, three units.

**Note:** *This requirement is waived for students who earn degrees in Nursing Education, Physical Therapist Assistant, or are graduates of a certified paramedic training program. U.S. Veterans and active duty U.S. military personnel may be granted two units of college credit to fulfill the Health Education Requirement if service has been continuous for at least six months. Copies of form DD-214 or DD-295 or Joint Services Transcript (JST) or CCAF Transcript covering all periods of military service must be on file in the Records Office.*

#### 5. Exercise Science Activity (formerly Physical Education)

Students must complete two activity courses. Exercise Science (formerly Physical Education) courses numbered below PHYE 240 or below EXSC 229 are acceptable. Dance courses are also acceptable, except for DANC 181, 183 and 253. Administration of Justice 127A, 127B, 127C, 127D, 128A, 128B, 128C, 128D, 323, 381 and 382 are also acceptable. Fire Protection Technology 100D, 150A, 160, 360, 380W, 381F are also acceptable. Students with physical conditions which prevent participation in regular exercise science (formerly Physical Education) activity

classes must file a physician's statement with the College Evaluations Office. Adapted Exercise Science (formerly Physical Education) classes are available. A Physician's medical release form is required.

**Note:** *This requirement is waived for students who possess an accredited Fire Fighter I certification or are graduates of a POST Commission certified regional law enforcement academy. U.S. Veterans and active duty U.S. military personnel may be granted two units of college credit to fulfill the Exercise Science Activity (formerly Physical Education) requirement if service has been continuous for at least six months. Copies of form DD-214 or DD-295 or Joint Services Transcript (JST) or CCAF Transcript covering all periods of military service must be on file in the Records Office.*

#### 6. Multicultural Studies

Students may satisfy the District multicultural studies graduation requirement by satisfactorily completing a course related to the culture of one or more of the ethnic groups which are represented in American society. The course shall include a focus on the role of men and women in the origin, development, and current status of these cultures.

**Note:** *Each student seeking the Associate Degree must complete a three-unit multicultural studies*

**course selected from the general education courses marked with a ^ indicating that it meets the Multicultural Requirement. The three units may be applied to the 18 units required in general education.**

This requirement is met by completing one of the following courses (these courses are also on the District General Education list).

- ^ ADJU 106 Diversity and Community Relations (MMR)
- ^ AMSL 150 Introduction to Deaf Culture (M)
- ^ ANTH 103 Introduction to Cultural Anthropology (C,M,MMR)
- ^ ANTH 200 Introduction to North American Indians (M)
- ^ ANTH 210 Introduction to California Indians (C,M)
- ^ ARTF 113 Arts of Africa, Oceania, and the Americas (M,MMR)
- ^ ARTF 115 African Art (C,M)
- ^ ARTF 120 Native American Art (M)
- ^ BLAS 104 Black Psychology (C,M)
- ^ BLAS 110 African American Art (C,M)
- ^ BLAS 111 Cultural Influences on African Art (M)
- ^ BLAS 115 Sociology from a Black Perspective (C)
- ^ BLAS 116 Contemporary Social Problems from a Black Perspective (C,M)
- ^ BLAS 120 Black Music (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)
- ^ BLAS 150 Black Women in Literature, Film and the Media (C,M)
- ^ BLAS 155 African American Literature (C,M)
- ^ CHIC 110A Introduction to Chicano Studies (C,M)
- ^ CHIC 110B Introduction to Chicano Studies (C,M)
- ^ CHIC 135 Chicana/o Literature (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 190 Chicano Images in Film (C,M)
- ^ CHIC 210 Chicano Culture (C,M)
- ^ CHIL 141 The Child, Family and Community (C,M,MMR)
- ^ COMS 180 Intercultural Communication (C,M,MMR)
- ^ DRAM 109 Theatre and Social Issues (C,M)
- ^ ENGL 202 Introduction to Linguistics (C,M)
- ^ ENGL 230 Asian American Literature (M,MMR)
- ^ FASH 122 Ethnic Costume (M)
- ^ FILI 100 Filipino American Experience (MMR)
- ^ GEND 101 Introduction to Gender Studies (C)
- ^ GEOG 102 Cultural Geography (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 150 Native Americans in United States History (M)
- ^ HIST 151 Native Americans in United States History (M)
- ^ INTE 125 History of Furniture and Interiors (M)
- ^ MUSI 109 World Music (C,M,MMR)
- ^ NUTR 153 Cultural Foods (M)
- ^ PHIL 125 Philosophy of Women (C,M)
- ^ POLI 103 Comparative Politics (C,M,MMR)
- ^ POLI 140 Contemporary International Politics (C,M,MMR)
- ^ 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 150 Sociology of Latinos/Latinas (C,M)
- ^ SOCO 223 Globalization and Social Change (C,M,MMR)

## General Education Defined

General Education courses should contribute to the broad education of career technical and transfer students in the areas of critical thinking, writing, and oral communication skills, understanding of and the ability to use quantitative analysis, and awareness of the arts and humanities; and of the physical, social and behavioral sciences as they affect one's interaction with the diverse local and global

communities. General Education Requirements  
Title 5: Section 55063:

- a. Natural Sciences.** Courses in the natural sciences are those that examine the physical universe, its life forms, and its natural phenomena. To satisfy the General Education Requirement in natural sciences, a course shall be designed to help the student develop an appreciation and understanding of the scientific method, and encourage an understanding of the relationships between science and other human activities. This category would include introductory or integrative courses in astronomy, biology, chemistry, general physical science, geology, meteorology, oceanography, physical geography, physical anthropology, physics and other scientific disciplines.
- b. Social and Behavioral Sciences.** Courses in the social and behavioral sciences are those which focus on people as members of society. To satisfy the general education requirement in social and behavioral sciences, a course shall be designed to develop an awareness of the method of inquiry used by the social and behavioral sciences. It shall be designed to stimulate critical thinking about the ways people act and have acted in response to their societies and should promote appreciation of how societies and social subgroups operate. This category would include introductory or integrative survey courses in cultural anthropology, cultural geography, economics, history, political science, psychology, sociology and related disciplines.
- c. Humanities.** Courses in the humanities are those which study the cultural activities and artistic expressions of human beings. To satisfy the general education requirement in the humanities, a course shall be designed to help the student develop an awareness of the ways in which people throughout the ages and in different cultures have responded to themselves, help the student develop aesthetic understanding and an ability to make value judgments. Such courses could include introductory or integrative courses

in the arts, foreign languages, literature, philosophy, and religion.

- d. Language and Rationality.** Courses in language and rationality are those which develop for the student the principles and applications of language toward logical thought, clear and precise expression and critical evaluation of communication in whatever symbol system the student uses.
1. English Composition. Courses fulfilling the written composition requirement shall be designed to include both expository and argumentative writing.
  2. Communication and Analytical Thinking. Courses fulfilling the communication and analytical thinking requirement include oral communication, mathematics, logic, statistics, computer languages and programming, and related disciplines.

Ethnic Studies will be offered in at least one of the required areas.

## General Education Requirements (Option 4)

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- () Colleges in parenthesis indicate where the course is approved for General Education Requirements.  
C—City College  
M—Mesa College  
MMR—Miramar College
  - ^ Courses with a caret fulfill District multicultural studies graduation requirement.
  - \* Courses with an asterisk may satisfy more than one area and/or general education requirement but may not be counted more than once for this.
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The following information is based on 2019–2020 course offerings and is subject to change. Please contact the Counseling Department for updates.

The State of California requires the completion of a minimum of 18 units of general education with at least a 2.0 grade point average. One course must be selected from each of the following areas: English Composition; Communication/Analytical Thinking; the Sciences (Life or Physical, not both); Humanities; Social Sciences; and a sixth course chosen from any area.

## A. Language and Rationality

A minimum of three semester units, or four quarter units, must be completed. Choose one course from the following:

### 1. English Composition

ENGL 101	Reading and Composition (C,M,MMR)
ENGL 105	Composition and Literature (C,M,MMR)
ENGL 205	Critical Thinking and Intermediate Composition (C,M,MMR)

A minimum of three semester units, or four quarter units, must be completed. Choose one course from the following:

### 2. Communication and Analytical Thinking

BIOL 200	Biological Statistics (C,M)
BUSE 101	Business Mathematics (C,M,MMR)
BUSE 115	Statistics for Business (C,M,MMR)
CISC 150	Introduction to Computer and Information Sciences (C,M)
CISC 181	Principles of Information Systems (C,M,MMR)
COMS 99	Voice and Diction for Non-Native Speakers of English (C,MMR)
COMS 101	Voice and Articulation (C,M)
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)
^ COMS 180	Intercultural Communication (C,M,MMR)
GISG 104	Geographic Information Science and Spatial Reasoning (C,M)
MATH 84	Practical Geometry (M)
MATH 85	Practical Career Mathematics (C,M)
MATH 92	Applied Beginning and Intermediate Algebra (C,M)
MATH 96	Intermediate Algebra and Geometry (C,M,MMR)
MATH 98	Technical Intermediate Algebra and Geometry (C)
MATH 104	Trigonometry (C,M,MMR)
MATH 107	Introduction to Scientific Programming (C)
MATH 107L	Introduction to Scientific Programming Lab (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 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)
PHIL 100	Logic and Critical Thinking (C,M,MMR)
PHIL 101	Symbolic Logic (C,M,MMR)
* PHIL 205	Critical Thinking and Writing in Philosophy (C,M,MMR)
PSYC 258	Behavioral Science Statistics (C,M,MMR)

## B. Natural Sciences

A minimum of three semester units, or four quarter units, must be completed. Choose one course from the following:

### 1. Life Sciences

ANTH 102	Introduction to Physical Anthropology (C,M,MMR)
ANTH 104	Laboratory in Physical Anthropology (C,M,MMR)
BIOL 100	Natural History - Environmental Biology - Lecture/Laboratory (M,MMR)
BIOL 101	Issues in Environmental Science & Sustainability - Lecture/Laboratory (C)
BIOL 107	General Biology - Lecture/Laboratory (C,M,MMR)

BIOL 109	Introduction to Applied Biology (C)	CHEM 130	Introduction to Organic & Biological Chemistry (C,M,MMR)
BIOL 110	Introduction to Oceanography (C,M)	CHEM 130L	Introduction to Organic & Biological Chemistry - Laboratory (C,M,MMR)
BIOL 111	Cancer Biology (C)	CHEM 152	Introduction to General Chemistry (C,M,MMR)
BIOL 115	Marine Biology (C,M,MMR)	CHEM 152L	Introduction to General Chemistry Laboratory (C,M,MMR)
BIOL 120	The Environment of Man (M)	CHEM 200	General Chemistry I - Lecture (C,M,MMR)
BIOL 130	Human Heredity (C,M,MMR)	CHEM 200L	General Chemistry I - Laboratory (C,M,MMR)
BIOL 131	Introduction to Biotechnology (MMR)	CHEM 201	General Chemistry II - Lecture (C,M,MMR)
BIOL 135	Biology of Human Nutrition (C,MMR)	CHEM 201L	General Chemistry II - Laboratory (C,M,MMR)
BIOL 160	Elements of Human Anatomy & Physiology - Lecture/Laboratory (M,MMR)	CHEM 231	Organic Chemistry I - Lecture (C,M,MMR)
BIOL 180	Plants and People (C,M,MMR)	CHEM 231L	Organic Chemistry I - Laboratory (C,M,MMR)
BIOL 205	General Microbiology (C,M,MMR)	CHEM 233	Organic Chemistry II - Lecture (C,M,MMR)
BIOL 210A	Introduction to the Biological Sciences I - Lecture/Laboratory (C,M,MMR)	CHEM 233L	Organic Chemistry II - Laboratory (C,M,MMR)
BIOL 210B	Introduction to the Biological Sciences II - Lecture/Laboratory (C,M,MMR)	CHEM 251	Quantitative Analytical Chemistry (C,M,MMR)
BIOL 215	Introduction to Zoology (C,M)	GEOG 101	Physical Geography (C,M,MMR)
BIOL 230	Human Anatomy (C,M,MMR)	GEOG 101L	Physical Geography - Laboratory (C,M,MMR)
BIOL 235	Human Physiology (C,M,MMR)	GEOL 100	Physical Geology (C,M,MMR)
BIOL 250	Introduction to Botany (M)	GEOL 101	Physical Geology - Laboratory (C,M,MMR)
BIOL 285	Tropical Biology Field Experience (MMR)	GEOL 104	Earth Science (C,M,MMR)
CHEM 103	General, Organic, and Biological Chemistry (MMR)	GEOL 111	The Earth Through Time (C,M,MMR)
MEDA 55	Fundamentals Human Anatomy and Physiology (M)	GEOL 120	Earth Science Laboratory (C,M)
NUTR 150	Nutrition (C,M,MMR)	MCTR 120B	Basic Physics for Technical Applications II (C)
NUTR 155	Advanced Nutrition (M,MMR)	PHYN 100	Survey of Physical Science - Lecture (C,M,MMR)
PSYC 260	Introduction to Physiological Psychology (C,M,MMR)	PHYN 101	Survey of Physical Science - Laboratory (C,M,MMR)

## 2. Physical Sciences

ASTR 101	Descriptive Astronomy (C,M,MMR)	PHYN 105	Physical Science for Elementary Education (M,MMR)
<b>ASTR 109</b>	<b>Practice in Observing - Laboratory (C,M,MMR)</b>	<b>PHYN-OCEA 101</b>	<b>The Oceans (M,MMR)</b>
ASTR 111	Astronomy Laboratory (C,M,MMR)	PHYS 100	Introductory Physics Lecture/Laboratory (C,M)
AVIA 115	Aviation Weather (MMR)	PHYS 125	General Physics (C,M,MMR)
CHEM 100	Fundamentals of Chemistry (C,M,MMR)	PHYS 126	General Physics II (C,M,MMR)
CHEM 100L	Fundamentals of Chemistry - Laboratory (C,M,MMR)	PHYS 180A	General Physics I (C,MMR)
CHEM 103	General, Organic, and Biological Chemistry (MMR)	PHYS 180B	General Physics II (C,MMR)
CHEM 111	Chemistry in Society (C,M,MMR)	PHYS 181A	General Physics Lab I (C,MMR)
CHEM 111L	Chemistry and Society Laboratory (C,M,MMR)		



PHYS 181B	General Physics Lab II (C,MMR)
PHYS 195	Mechanics (C,M,MMR)
PHYS 196	Electricity and Magnetism (C,M,MMR)
PHYS 197	Waves, Optics and Modern Physics (C,M,MMR)

## C. Humanities

*A minimum of three semester units, or four quarter units, must be completed. Choose one course from the following:*

AMSL 115	American Sign Language Level I (C,M)	BLAS 150	Black Women in Literature, Film and the Media (C,M)
AMSL 116	American Sign Language Level II (C,M)	BLAS 155	African American Literature (C,M)
AMSL 215	American Sign Language Level III (C,M)	CHIC 130	Mexican Literature in Translation (C,M)
AMSL 216	American Sign Language Level IV (C,M)	CHIC 135	Chicana/o Literature (C,M)
ARAB 101	First Course in Arabic (C)	CHIC 138	Literature of La Raza in Latin America in Translation (C,M)
ARAB 102	Second Course in Arabic (C)	CHIC 190	Chicano Images in Film (C,M)
ARAB 201A	Third Course in Arabic (C)	CHIC 210	Chicano Culture (C,M)
ARCH 126	History of Ancient World Architecture (M)	CHIC 230	Chicano Art (C,M)
ARCH 127	History of World Architecture: Renaissance Through Contemporary (M)	CHIN 101	First Course in Mandarin Chinese (M)
ARTF 100	Art Orientation (C,M,MMR)	CHIN 102	Second Course in Mandarin Chinese (M)
ARTF 107	Contemporary Art (M,MMR)	CHIN 201	Third Course in Mandarin Chinese (M)
ARTF 108	Women in Art (M)	CHIN 202	Fourth Course in Mandarin Chinese (M)
ARTF 109	Modern Art (C,M,MMR)	DANC 181	History of Dance (C,M)
ARTF 110	Art History: Prehistoric to Gothic (C,M,MMR)	DFLM 101	Introduction to Film (MMR)
ARTF 111	Art History: Renaissance to Modern (C,M,MMR)	DFLM 102	The American Cinema (MMR)
^ ARTF 113	Arts of Africa, Oceania, and the Americas (M,MMR)	DRAM 105	Introduction to Dramatic Arts (C,M)
^ ARTF 115	African Art (C,M)	DRAM 107	Study of Filmed Plays (C)
^ ARTF 120	Native American Art (M)	DRAM 108	Playwriting (C)
ARTF 125	Art History: Arts of the Asian Continent (C,M,MMR)	^ DRAM 109	Theatre and Social Issues (C,M)
ARTF 130	Pre-Columbian Art (M)	DRAM 111	Chicana/o Theatre (C)
ARTF 191	Cultural Influences on Photography (M)	DRAM 136	History of Canonized Theatre - Ancient Greece to the Restoration (C,M)
ARTF 194	Critical Photography (M)	DRAM 137	History of Canonized Western Theatre - Restoration to the Present (C,M)
ARTG 118	Graphic Design History (C)	DRAM 150	Cinema as Art and Communication I (M)
^ BLAS 110	African American Art (C,M)	DRAM 151	Cinema as Art and Communication II (M)
^ BLAS 111	Cultural Influences on African Art (M)	ENGL 207	The Art of the Sentence (M)
^ BLAS 120	Black Music (C,M)	ENGL 208	Introduction to Literature (C,M,MMR)
		ENGL 209	Literary Approaches to Film (C,M,MMR)
		ENGL 210	American Literature I (C,M,MMR)
		ENGL 211	American Literature II (C,M,MMR)
		ENGL 215	English Literature I: 800–1799 (C,M,MMR)
		ENGL 216	English Literature II: 1800–Present (C,M,MMR)
		ENGL 220	Masterpieces of World Literature I: 1500 BCE–1600 CE (C,M,MMR)

	ENGL 221	Masterpieces of World Literature II: 1600–Present (C,M,MMR)	ITAL 101	First Course in Italian (C,M)	
^	ENGL 230	Asian American Literature (M,MMR)	ITAL 102	Second Course in Italian (C,M)	
	ENGL 237	Women in Literature (C,MMR)	ITAL 201	Third Course in Italian (C,M)	
	ENGL 238	Evaluating Children's Literature (C,M)	JAPN 101	First Course in Japanese (M)	
	ENGL 240	Shakespeare (C,M)	JAPN 102	Second Course in Japanese (M)	
	FASH 120	Fashion History and Trends (M)	JAPN 201	Third Course in Japanese (M)	
^	<b>FASH 122</b>	<b>Ethnic Costume (M)</b>	JAPN 202	Fourth Course in Japanese (M)	
	FREN 101	First Course in French (C,M)	LATI 101	First Course in Latin (M)	
	FREN 102	Second Course in French (C,M)	LATI 102	Second Course in Latin (M)	
	FREN 201	Third Course in French (C,M)	LATI 201	Third Course in Latin (M)	
	FREN 202	Fourth Course in French (C,M)	MULT 116	Unity Game Development (M)	
	GERM 101	First Course in German (C,M)	MUSI 100	Introduction to Music (C,M,MMR)	
	GERM 102	Second Course in German (C,M)	MUSI 101	Music History I: Middle Ages to Mid 18th Century (M)	
	GERM 201	Third Course in German (C,M)	MUSI 102	Music History II: Mid 18th to Early 20th Century (M)	
*	HIST 100	World History I (C,M,MMR)	MUSI 103	History of Rock Music (C,M,MMR)	
*	HIST 101	World History II (C,M,MMR)	MUSI 105	Music of Our Time (M)	
*	HIST 105	Introduction to Western Civilization I (C,M,MMR)	^	MUSI 109	World Music (C,M,MMR)
*	HIST 106	Introduction to Western Civilization II (C,M,MMR)	MUSI 111	Jazz - History and Development (C,M,MMR)	
^*	HIST 120	Introduction to Asian Civilizations (C,M,MMR)	MUSI 117	Music in the United States (M)	
^*	HIST 121	Asian Civilizations in Modern Times (C,M,MMR)	MUSI 118	Asian Music (M)	
^*	HIST 123	U.S. History from the Asian Pacific American Perspective (C,M)	MUSI 119	Music in the Americas, Africa & Europe (M)	
*	HIST 131	Latin America Before Independence (M)	MUSI 125	Music, the Arts and Humanity (M)	
*	HIST 132	Latin America Since Independence (M)	MUSI 158A	Music Theory I (C,M,MMR)	
	HUMA 101	Introduction to the Humanities I (C,M,MMR)	MUSI 158B	Music Theory II (M,MMR)	
	HUMA 102	Introduction to the Humanities II (C,M,MMR)	PHIL 102A	Introduction to Philosophy: Reality and Knowledge (C,M,MMR)	
	HUMA 103	Introduction to the New Testament (C,M)	PHIL 102B	Introduction to Philosophy: Values (C,M,MMR)	
	HUMA 104	Introduction to the Old Testament (M)	PHIL 103	Historical Introduction to Philosophy (M)	
	HUMA 106	World Religions (C,M,MMR)	PHIL 104A	History of Western Philosophy (C,M,MMR)	
	HUMA 118	Eastern Humanities (M)	PHIL 104B	History of Western Philosophy (C,M)	
	HUMA 119	Western Humanities (M)	PHIL 105	Contemporary Philosophy (C)	
	HUMA 201	Mythology (C,M,MMR)	PHIL 106	Asian Philosophy (C,M)	
	HUMA 202	Mythology: Hero's Journey (C)	PHIL 107	Reflections on Human Nature (C,M,MMR)	
	HUMA 205	Exploring Human Values Through Film (M)	*	PHIL 108	Perspectives on Human Nature and Society (C,M)
	HUMA 210	Women in Religion and Myth (M)	PHIL 110	Philosophy of Religion (M)	
^	INTE 125	History of Furniture and Interiors (M)	PHIL 111	Philosophy in Literature (C,M)	
			PHIL 112	Philosophy of Science (M)	
			^*	PHIL 125	Philosophy of Women (C,M)



PHIL 130	Philosophy of Art and Music (C,M)	ANTH 205	Introduction to Medical Anthropology (M)
PHIL 131	Environmental Ethics (C,M)	^ ANTH 210	Introduction to California Indians (C,M)
* PHIL 205	Critical Thinking and Writing in Philosophy (C,M,MMR)	ANTH 215	Cultures of Latin America (C,M)
PHOT 150	History of Photography (C)	BLAS 100	Introduction to Black Studies (C,M)
RTVF 160	Introduction to Cinema (C)	^ BLAS 104	Black Psychology (C,M)
RTVF 162	Women in Film (C)	^ BLAS 115	Sociology from a Black Perspective (C)
RUSS 101	First Course in Russian (C,M)	^ BLAS 116	Contemporary Social Problems from a Black Perspective (C,M)
RUSS 102	Second Course in Russian (C,M)	^ BLAS 125	Dynamics of the Black Community (M)
RUSS 201	Third Course in Russian (M)	^ BLAS 130	The Black Family (C,M)
SPAN 101	First Course in Spanish (C,M,MMR)	^ BLAS 135	Introduction to Black Politics (C)
SPAN 102	Second Course in Spanish (C,M,MMR)	^ BLAS 140A	History of the U.S., Black Perspectives (C,M,MMR)
SPAN 201	Third Course in Spanish (C,M,MMR)	^ BLAS 140B	History of the U.S., Black Perspectives (C,M,MMR)
SPAN 202	Fourth Course in Spanish (C,M,MMR)	^ BLAS 145A	Introduction to African History (C,M)
SPAN 215	Spanish for Spanish Speakers I (C,M)	^ BLAS 145B	Introduction to African History (C)
SPAN 216	Spanish for Spanish Speakers II (C,M)	BLAS 165	Sexuality and Black Culture (C,M)
SUST 102	Environmental Ethics (C)	BLAS 175	Psycho-History of Racism and Sexism (M)
TAGA 101	First Course in Tagalog (M,MMR)	BUSE 100	Introduction to Business (C,M,MMR)
TAGA 102	Second Course in Tagalog (M,MMR)	BUSE 140	Business Law and the Legal Environment (C,M,MMR)
TAGA 201	Third Course in Tagalog (M,MMR)	^ CHIC 110A	Introduction to Chicano Studies (C,M)
VIET 101	First Course in Vietnamese (M)	^ CHIC 110B	Introduction to Chicano Studies (C,M)
VIET 102	Second Course in Vietnamese (M)	^ CHIC 141A	United States History from a Chicano Perspective (C,M)
VIET 201	Third Course in Vietnamese (M)	^ CHIC 141B	United States History from a Chicano Perspective (C,M)

## D. Social and Behavioral Sciences

A minimum of three semester units, or four quarter units, must be completed. Choose one course from the following:

ADJU 101	Introduction to Administration of Justice (C,MMR)	CHIC 150	History of Mexico (C,M)
^ ADJU 106	Diversity and Community Relations (MMR)	CHIC 170	La Chicana (C,M)
ADJU 193	Concepts of Criminal Law (MMR)	CHIC 201	The Indigenous Tradition of Mexico and Ancient Mesoamerica (C,M)
ADJU 230	Constitutional Law I (MMR)	CHIL 101	Human Growth and Development (C,M,MMR)
AGRI 100	Principles of Sustainable Agriculture (C)	CHIL 103	Lifespan Growth and Development (MMR)
^ AMSL 150	Introduction to Deaf Culture (M)	^ CHIL 141	The Child, Family and Community (C,M,MMR)
^ ANTH 103	Introduction to Cultural Anthropology (C,M,MMR)	<b>COMS 201</b>	<b>Communication and Community (C,M,MMR)</b>
ANTH 107	Introduction to Archaeology (C,M,MMR)	CRES 101	Conflict Resolution and Mediation (C)
ANTH 110	Anthropology of Magic, Witchcraft, and Religion (M)	DJRN 100	Mass Media in the Digital Age (C)
^ ANTH 200	Introduction to North American Indians (M)		

ECON 120	Principles of Macroeconomics (C,M,MMR)	HIST 154	Ancient Egypt (M)
ECON 121	Principles of Microeconomics (C,M,MMR)	HIST 175	California History (M)
ECON 220	Economics of the Environment (M)	HUMS 101	Introduction to Human Aging (C)
^ ENGL 202	Introduction to Linguistics (C,M)	JOUR 202	Introduction to Mass Communication (C,M,MMR)
^ FILI 100	Filipino American Experience (MMR)	^ NUTR 153	Cultural Foods (M)
FUTR 101	Introduction to Futures Studies (C)	PEAC 101	Introduction to Peace Studies (C)
FUTR 102	Creating Futures: Methods and Tools (C)	PEAC 102	Nonviolence and Conflict Resolution (C)
FUTR 103	Emerging Technologies (C)	PEAC 201	Environmental Sustainability, Justice and Ethics (C)
GDEV 101	Introduction to Global Development Studies (C)	* PHIL 108	Perspectives on Human Nature and Society (C,M)
^ GEND 101	Introduction to Gender Studies (C)	PHIL 109	Issues in Social Philosophy (M)
^ GEOG 102	Cultural Geography (C,M,MMR)	^* PHIL 125	Philosophy of Women (C,M)
GEOG 104	World Regional Geography (C,M,MMR)	PHIL 126	Introduction to Philosophy of Contemporary Gender Issues (C,M)
GEOG 154	Introduction to Urban Geography (C,M)	POLI 101	Introduction to Political Science (C,M,MMR)
* HIST 100	World History I (C,M,MMR)	POLI 102	The American Political System (C,M,MMR)
* HIST 101	World History II (C,M,MMR)	^ POLI 103	Comparative Politics (C,M,MMR)
* HIST 105	Introduction to Western Civilization I (C,M,MMR)	^ POLI 140	Contemporary International Politics (C,M,MMR)
* HIST 106	Introduction to Western Civilization II (C,M,MMR)	PSYC 101	General Psychology (C,M,MMR)
HIST 109	History of the United States I (C,M,MMR)	PSYC 111	Psychological /Social Aspects of Aging, Death and Dying (C,M)
HIST 110	History of the United States II (C,M,MMR)	PSYC 121	Introduction to Child Psychology (M)
^ HIST 115A	History of the Americas I (C,M,MMR)	PSYC 123	Adolescent Psychology (C,MMR)
^ HIST 115B	History of the Americas II (C,M,MMR)	PSYC 133	Psychology of Women (M,MMR)
^* HIST 120	Introduction to Asian Civilization (C,M,MMR)	PSYC 135	Marriage and Family Relations (C,M,MMR)
^* HIST 121	Asian Civilizations in Modern Times (C,M,MMR)	PSYC 137	Human Sexual Behavior (C,M,MMR)
^* HIST 123	U.S. History from the Asian Pacific American Perspective (C,M)	PSYC 155	Introduction to Personality (C,M,MMR)
^ HIST 130	The Modern Middle East (M)	PSYC 166	Introduction to Social Psychology (C,M,MMR)
* HIST 131	Latin America Before Independence (M)	PSYC 211	Learning (C,M,MMR)
* HIST 132	Latin America Since Independence (M)	PSYC 230	Psychology of Lifespan Development (C,M,MMR)
HIST 141	Women in United States History I (M,MMR)	PSYC 245	Abnormal Psychology (C,M,MMR)
HIST 142	Women in United States History II (M,MMR)	RTVF 101	Media Law and Ethics (C)
^ HIST 150	Native Americans in United States History (M)	^ SOCO 101	Principles of Sociology (C,M,MMR)
^ HIST 151	Native Americans in United States History (M)	^ 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)
<b>SUST 101</b>	<b>Introduction to Sustainability (C,M,MMR)</b>

## Certificate of Achievement

On the recommendation of the faculty, the colleges of the San Diego Community College District award the Certificate of Achievement to students who complete the specified requirements. 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.
2. Complete all required course work in the San Diego Community College District.

3. Course substitutions or course equivalencies from other colleges may not be used to satisfy Certificate of Performance requirements.

For additional information, contact the campus Evaluations Office (I4-306) or subject-area department.

# Graduation

## Petition for Graduation

Students who expect to receive an Associate Degree or a Certificate of Achievement should file a Petition for Graduation. The Petition may be completed online at: <https://www.sdccd.edu/students/evaluations/graduation/>, or obtained in the Counseling Office. See Academic Calendar section for important filing dates.

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**Official college transcripts from all colleges attended must be on file before submitting the petition for Associate Degree or Certificate of Achievement.**

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An evaluation is a summary of college work completed and of requirements to be completed for the associate degree or the certificate of achievement. Only evaluations completed by one of the Evaluators are official.

A petition for an associate degree evaluation should be submitted one year before the student plans to graduate.

Students who are working toward a certificate of achievement should file the Petition for Graduation prior to the beginning of the semester in which they plan to complete the requirements of their certificate program.

[www.sdmesa.edu/evaluations](http://www.sdmesa.edu/evaluations)

## Petition for Exceptions

Petitions for exceptions to graduation requirements, substitutions, or waiver of requirements are filed with the Evaluations Office (I4-306). All petitions are acted upon by the appropriate college committees/offices. Visit [www.sdmesa.edu/evaluations/](http://www.sdmesa.edu/evaluations/) for information.

## Catalog Rights

Students who maintain continuous enrollment may choose to graduate under the (City College, Mesa

SAN DIEGO  
MESA COLLEGE



**2018-2019 Catalog**  
Addenda/Errata

The following is **added to/replacing** information listed on pages 126-141:

## 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)	AMSL 215	American Sign Language Level III (C,M)
ARTF 130	Pre-Columbian Art (M)	AMSL 216	American Sign Language Level IV (C,M)
ARTF 191	Cultural Influences on Photography (M)	ARAB 102	Second Course in Arabic (C)
ARTF 194	Critical Photography (M)	ARAB 201A	Third Course in Arabic (C)
ARTG 118	Graphic Design History (C)	ARCH 126	History of Ancient World Architecture (M)
BLAS 110	African American Art (C,M)	ARCH 127	History of World Architecture: Renaissance Through Contemporary (M)
+ BLAS 111	Cultural Influences on African Art (M)	* ARTF 108	Women in Art (M)
BLAS 120	Black Music (C,M)	ARTF 191	Cultural Influences on Photography (M)
CHIC 230	Chicano Art (C,M)	* BLAS 145A	Introduction to African History (C,M)
DFLM 101	Introduction to Film (MMR)	* BLAS 145B	Introduction to African History (C)
DFLM 102	The American Cinema (MMR)	BLAS 150	Black Women in Literature, Film and the Media (C,M)
DRAM 105	Introduction to Dramatic Arts (C,M)	BLAS 155	African American Literature (C,M)
DRAM 107	Study of Filmed Plays (C)	CHIC 130	Mexican Literature in Translation (C,M)
DRAM 109	Theatre and Social Issues (C,M)	CHIC 135	Chicana/o Literature (C,M)
<b>DRAM 111</b>	<b>Chicana/o Theatre (C)</b>	CHIC 138	Literature of La Raza in Latin America in Translation (C,M)
DRAM 136	History of Canonized Theatre - Ancient Greece to the Restoration (C,M)	CHIC 190	Chicano Images in Film (C,M)
DRAM 137	History of Canonized Western Theatre - Restoration to the Present (C,M)	* CHIC 210	Chicano Culture (C,M)
DRAM 150	Cinema as Art & Communication I (M)	CHIN 102	Second Course in Mandarin Chinese (M)
DRAM 151	Cinema as Art & Communication II (M)	CHIN 201	Third Course Mandarin Chinese (M)
<b>FASH 122</b>	<b>Ethnic Costume (M)</b>	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)
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<b>3B: Humanities Courses</b>			
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AMSL 116	American Sign Language Level II (C,M)	GERM 102	Second Course in German (C,M)
* AMSL 150	Introduction to Deaf Culture (M)	GERM 201	Third Course in German (C,M)
		* HIST 100	World History I (C,M,MMR)



* HIST 101	World History II (C,M,MMR)	PHIL 111	Philosophy in Literature (C,M)
* HIST 105	Introduction to Western Civilization I (C,M,MMR)	PHIL 112	Philosophy of Science (M)
* HIST 106	Introduction to Western Civilization II (C,M,MMR)	PHIL 125	Philosophy of Women (C,M)
* HIST 120	Introduction to Asian Civilizations (C,M,MMR)	* PHIL 126	Introduction to Philosophy of Contemporary Gender Issues (C,M)
* HIST 121	Asian Civilizations in Modern Times (C,M,MMR)	PHIL 130	Philosophy of Art and Music (C,M)
* HIST 131	Latin America Before Independence (M)	PHIL 131	Environmental Ethics (C,M)
* HIST 132	Latin America Since Independence (M)	RUSS 102	Second Course in Russian (C,M)
HUMA 101	Introduction to the Humanities I (C,M,MMR)	RUSS 201	Third Course in Russian (M)
HUMA 102	Introduction to the Humanities II (C,M,MMR)	+ SPAN 102	Second Course in Spanish (C,M,MMR)
HUMA 103	Introduction to the New Testament (C,M)	+ SPAN 201	Third Course in Spanish (C,M,MMR)
HUMA 104	Introduction to the Old Testament (M)	SPAN 202	Fourth Course in Spanish (C,M,MMR)
HUMA 106	World Religions (C,M,MMR)	SPAN 215	Spanish for Spanish Speakers I (C,M)
<b>HUMA 118</b>	<b>Eastern Humanities (M)</b>	SPAN 216	Spanish for Spanish Speakers II (C,M)
<b>HUMA 119</b>	<b>Western Humanities (M)</b>	SUST 102	Environmental Ethics (C)
HUMA 201	Mythology (C,M,MMR)	TAGA 102	Second Course in Tagalog (M,MMR)
HUMA 205	Exploring Human Values through Film (M)	TAGA 201	Third Course in Tagalog (M,MMR)
<b>HUMA 210</b>	<b>Women in Religion and Myth (M)</b>	VIET 102	Second Course in Vietnamese (M)
ITAL 102	Second Course in Italian (C,M)	VIET 201	Third Course in Vietnamese (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)		

## Area 4—Social and Behavioral Sciences

**3 courses, 9 semester/12–15 quarter units**  
Courses from at least two disciplines or an interdisciplinary sequence.

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### 4A: Anthropology and Archaeology Courses

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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)

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### 4B: Economics Courses

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ECON 120	Principles of Macroeconomics (C,M,MMR)
ECON 121	Principles of Microeconomics (C,M,MMR)

ECON 220 Economics of the Environment (M)

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#### 4C: Ethnic Studies Courses

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- \* 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)

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#### 4D: Gender Studies

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- \* 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)

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#### 4E: Geography Courses

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

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#### 4F: History Courses

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- 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)

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#### 4G: Interdisciplinary, Social & Behavioral Sciences

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- 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)
- COMS 201 Communication and Community (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)
- GDEV 101 Introduction to Global Development Studies (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,M,MMR)**

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#### 4H: Political Science, Government & Legal Institutions Courses

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- 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)

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#### 4I: Psychology Courses

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- + PSYC 101 General Psychology (C,M,MMR)
- 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)

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#### 4J: Sociology & Criminology Courses

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- 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)
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)
<b>PHYN-OCEA 101</b>	<b>The Oceans (M,MMR)</b>
+ <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)

- + PHYS 197 Waves, Optics and Modern Physics (C,M,MMR)

### 5B: Biological Science Courses

ANTH 102	Introduction to Physical Anthropology (C,M,MMR)
+ <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)
+ <b>ASTR 109</b>	<b>Practice in Observing Lab (C,M,MMR)</b>
+ 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 2019–2020 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)
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)
PHYN 100	Survey of Physical Science (C,M,MMR)
PHYN 105	Physical Science for Elementary Education (M)
<b>PHYN OCEA 101</b>	<b>The Oceans (M,MMR)</b>
<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)
<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)
<b>ASTR 109</b>	<b>Practice in Observing (C,M,MMR)</b>
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)

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**B4: Mathematics/Quantitative Reasoning**


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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 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)

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.*

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


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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)
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 138	Literature of La Raza in Latin America in Translation (C,M)
<b>FASH 122</b>	<b>Ethnic Costume (M)</b>	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)

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

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AMSL 115	American Sign Language Level I (C,M)	ENGL 240	Shakespeare (C,M)
AMSL 116	American Sign Language Level II (C,M)	FREN 101	First Course in French (C,M)
* AMSL 150	Introduction to Deaf Culture (M)	FREN 102	Second Course in French (C,M)
AMSL 215	American Sign Language Level III (C,M)	FREN 201	Third Course in French (C,M)
AMSL 216	American Sign Language Level IV (C,M)	FREN 202	Fourth Course in French (C,M)
ARAB 101	First Course in Arabic (C)	GERM 101	First Course in German (C,M)
ARAB 102	Second Course in Arabic (C)	GERM 102	Second Course in German (C,M)
ARAB 201A	Third Course in Arabic (C)	GERM 201	Third Course in German (C,M)
ARTF 108	Women in Art (M)	* HIST 100	World History I (C,M,MMR)
ARCH 126	History of Ancient World Architecture (M)	* HIST 101	World History II (C,M,MMR)
ARCH 127	History of World Architecture: Renaissance Through Contemporary (M)	* HIST 105	Introduction to Western Civilization I (C,M,MMR)
ARTF 191	Cultural Influences on Photography (M)	* HIST 106	Introduction to Western Civilization II (C,M,MMR)
BLAS 150	Black Women in Literature, Film and the Media (C,M)	* HIST 120	Introduction to Asian Civilizations (C,M,MMR)
BLAS 155	African American Literature (C,M)	* HIST 121	Asian Civilizations in Modern Times (C,M,MMR)
CHIC 130	Mexican Literature in Translation (C,M)	* HIST 131	Latin America Before Independence (M)
CHIC 135	Chicana/o Literature (C,M)	* HIST 132	Latin America Since Independence (M)
		* HIST 154	Ancient Egypt (M)

* HUMA 101	Introduction to the Humanities I (C,M,MMR)	PHIL 131	Environmental Ethics (C,M)
HUMA 102	Introduction to the Humanities II (C,M,MMR)	RUSS 101	First Course in Russian (C,M)
HUMA 103	Introduction to the New Testament (C,M)	RUSS 102	Second Course in Russian (C,M)
HUMA 104	Introduction to the Old Testament (M)	RUSS 201	Third Course in Russian (M)
HUMA 106	World Religions (C,M,MMR)	SPAN 101	First Course in Spanish (C,M,MMR)
HUMA 118	Eastern Humanities (M)	SPAN 102	Second Course in Spanish (C,M,MMR)
HUMA 119	Western Humanities (M)	SPAN 201	Third Course in Spanish (C,M,MMR)
HUMA 201	Mythology (C,M,MMR)	SPAN 202	Fourth Course in Spanish (C,M,MMR)
HUMA 202	Mythology: Hero's Journey (C)	SPAN 215	Spanish for Spanish Speakers I (C,M)
HUMA 205	Exploring Human Values through Film (M)	SPAN 216	Spanish for Spanish Speakers II (C,M)
HUMA 210	Women in Religion and Myth (M)	SUST 102	Environmental Ethics (C)
ITAL 101	First Course in Italian (C,M)	TAGA 101	First Course in Tagalog (M,MMR)
ITAL 102	Second Course in Italian (C,M)	TAGA 102	Second Course in Tagalog (M,MMR)
ITAL 201	Third Course in Italian (C,M)	TAGA 201	Third Course in Tagalog (M,MMR)
JAPN 101	First Course in Japanese (M)	VIET 101	First Course in Vietnamese (M)
JAPN 102	Second Course in Japanese (M)	VIET 102	Second Course in Vietnamese (M)
JAPN 201	Third Course in Japanese (M)	VIET 201	Third Course in Vietnamese (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)		
PHIL 102A	Introduction to Philosophy: Reality and Knowledge (C,M,MMR)		
PHIL 102B	Introduction to Philosophy: Values (C,M,MMR)		
* PHIL 103	Historical Introduction to Philosophy (M)	ADJU 101	Introduction to Administration of Justice (C,MMR)
PHIL 104A	History of Western Philosophy (C,M,MMR)	ADJU 106	Diversity and Community Relations (MMR)
PHIL 104B	History of Western Philosophy (C,M)	ADJU 193	Concepts of Criminal Law (MMR)
PHIL 105	Contemporary Philosophy (C)	ADJU 230	Constitutional Law I (MMR)
PHIL 106	Asian Philosophy (C,M)	AGRI 100	Principles of Sustainable Agriculture (C)
PHIL 107	Reflections on Human Nature (C,M,MMR)	* AMSL 150	Introduction to Deaf Culture (M)
PHIL 108	Perspectives on Human Nature and Society (C,M)	ANTH 103	Introduction to Cultural Anthropology (C,M,MMR)
PHIL 110	Philosophy of Religion (M)	ANTH 106	World Prehistory (C,M)
PHIL 111	Philosophy in Literature (C,M)	ANTH 107	Introduction to Archaeology (C,M,MMR)
PHIL 112	Philosophy of Science (M)	ANTH 110	Anthropology of Magic, Witchcraft, and Religion (M)
PHIL 125	Philosophy of Women (C,M)	ANTH 200	Introduction to North American Indians (M)
* PHIL 126	Introduction to Philosophy of Contemporary Gender Issues (C,M)	ANTH 205	Introduction to Medical Anthropology (M)
PHIL 130	Philosophy of Art and Music (C,M)	ANTH 210	Introduction to California Indians (C,M)
		ANTH 215	Cultures of Latin America (C,M)
		ARTF 108	Women in Art (M)

## Area D. Social Sciences:

*Nine semester units (12–15 quarter units) required with courses in at least two disciplinary perspectives. For example, BLAS and ECON.*

BLAS 100	Introduction to Black Studies (C,M)	GDEV 101	Introduction to Global Development Studies (C)
BLAS 104	Black Psychology (C,M)	GEND 101	Introduction to Gender Studies (C)
BLAS 115	Sociology from a Black Perspective (C)	GEOG 102	Cultural Geography (C,M,MMR)
BLAS 116	Contemporary Social Problems from a Black Perspective (C,M)	GEOG 104	World Regional Geography (C,M,MMR)
BLAS 125	Dynamics of the Black Community (M)	GEOG 154	Introduction to Urban Geography (C,M)
BLAS 130	The Black Family (C,M)	* HIST 100	World History I (C,M,MMR)
BLAS 135	Introduction to Black Politics (C)	* HIST 101	World History II (C,M,MMR)
BLAS 140A	History of the U.S., Black Perspectives (C,M,MMR)	* HIST 105	Introduction to Western Civilization I (C,M,MMR)
BLAS 140B	History of the U.S., Black Perspectives (C,M,MMR)	* HIST 106	Introduction to Western Civilization II (C,M,MMR)
BLAS 145A	Introduction to African History (C,M)	HIST 109	History of the United States I (C,M,MMR)
BLAS 145B	Introduction to African History (C)	HIST 110	History of the United States II (C,M,MMR)
BLAS 175	Psycho-History of Racism and Sexism (M)	HIST 115A	History of the Americas I (C,M,MMR)
CHIC 110A	Introduction to Chicano Studies (C,M)	HIST 115B	History of the Americas II (C,M,MMR)
CHIC 110B	Introduction to Chicano Studies (C,M)	* HIST 120	Introduction to Asian Civilizations (C,M,MMR)
CHIC 141A	United States History from a Chicano Perspective (C,M)	* HIST 121	Asian Civilizations in Modern Times (C,M,MMR)
CHIC 141B	United States History from a Chicano Perspective (C,M)	HIST 123	U.S. History from the Asian Pacific American Perspective (C,M)
CHIC 150	History of Mexico (C,M)	HIST 130	The Modern Middle East (M)
CHIC 170	La Chicana (C,M)	* HIST 131	Latin America Before Independence (M)
CHIC 201	The Indigenous Tradition of Mexico and Ancient Mesoamerica (C,M)	* HIST 132	Latin America Since Independence (M)
* CHIL 101	Human Growth and Development (C,M,MMR)	HIST 141	Women in United States History I (M,MMR)
* CHIL 103	Lifespan Growth and Development (C,MMR)	HIST 142	Women in United States History II (M,MMR)
CHIL 141	The Child, Family and Community (C,M,MMR)	HIST 150	Native Americans in United States History (M)
* COMS 135	Interpersonal Communication (C,M,MMR)	HIST 151	Native Americans in United States History (M)
<b>COMS 201</b>	<b>Communication and Community (C,M,MMR)</b>	* 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)		
FUTR 103	Emerging Technologies (C)		



* PHIL 126	Introduction to Philosophy of Contemporary Gender Issues (C,M)
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)
PSYC 101	General Psychology (C,M,MMR)
* 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)
RTVF 101	Media Law and Ethics (C)
RTVF 162	Women in Film (C)
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)
<b>SUST 101</b>	<b>Introduction to Sustainability (C,M,MMR)</b>

## 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)
BLAS 165	Sexuality and Black Culture (C,M)
<b>BUSE 120</b>	<b>Principles of Money Management (C,M,MMR)</b>
* CHIL 101	Human Growth and Development (C,M,MMR)
* CHIL 103	Lifespan Growth and Development (C,MMR)
COMS 180	Intercultural Communication (C,M,MMR)
DANC 127	Movement for Wellness (C)
HEAL 101	Health and Life Style (C,M,MMR)
* HUMS 101	Introduction to Human Aging (C)
NUTR 150	Nutrition (C,M,MMR)
* NUTR 153	Cultural Foods (M,MMR)
PERG 120	College Success and Lifelong Learning (C,M,MMR)
PERG 130	Career - Life Planning (C,M,MMR)
PERG 140	Life Skills and Personal Adjustment (C,M,MMR)
EXSC 125A	Aerobic Dance I (C,M,MMR)
EXSC 125B	Aerobic Dance II (C,M,MMR)
EXSC 125C	Aerobic Dance III (C,M,MMR)
EXSC 125D	Aerobic Dance IV (C,M,MMR)
EXSC 126A	Cardio Conditioning I (C,M,MMR)
EXSC 126B	Cardio Conditioning II (C,M,MMR)
EXSC 126C	Cardio Conditioning III (C,M,MMR)
EXSC 126D	Cardio Conditioning IV (C,M,MMR)
EXSC 134	Adapted Weight Training (C,M,MMR)
EXSC 135A	Individual Conditioning I - Fundamentals (C,M,MMR)
EXSC 135B	Individual Conditioning II - Beginning (C,M,MMR)
EXSC 135C	Individual Conditioning III - Intermediate (C,M,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)
* 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](http://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

Course	C-ID Descriptor
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
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



## 2018-2019 Catalog Addenda/Errata

The following is **added to** information listed on page 177:

### Business Information Worker I, Certificate of Achievement

#### Courses Required for the Major:

		<u>Units</u>
BUSE 119	Business Communications	3
BUSE 150	Human Relations in Business	3
CBTE 101	Basic Computer Keyboarding	1
CBTE 114	Introduction to Microsoft Windows	1
CBTE 120	Beginning Microsoft Word	2
CBTE 140	Beginning Microsoft Excel	2
CBTE 164	Introduction to Microsoft Outlook	1
CISC 150	Introduction to Computer and Information Sciences	3
or CISC 181	Principles of Information Systems	4

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**Total Units**

**16 - 17**



## 2018-2019 Catalog Addenda/Errata

The following is **replaces information** listed on pages 209 and 211:

### English

Award Type	Units
<b>Certificate of Performance:</b> Creative Writing	15
<b>Certificate of Achievement:</b> Creative Writing	<del>15</del> 18
<b>Associate of Arts Degree:</b> English	18*

\* and courses to meet graduation requirements, general education and electives as needed to meet the minimum of 60 units required for the degree.

#### Creative Writing, Certificate of Achievement

##### COURSES REQUIRED FOR THE MAJOR:

##### UNITS

##### SELECT SIX UNITS FROM THE FOLLOWING

##### UNITS

ENGL 245A	Writing Creative Nonfiction *Active*	3
ENGL 245B	Advanced Creative Nonfiction *Active*	3
ENGL 247A	Writing Seminar - Poetry *Approved*	3
ENGL 247B	Advanced Writing Seminar - Poetry *Active*	3
ENGL 249A	Introduction to Creative Writing I *Approved*	3
ENGL 249B	Introduction to Creative Writing II *Active*	3
ENGL 252A	Fundamentals of Fiction Writing *Active*	3
ENGL 252B	Intermediate Fiction Writing *Active*	3

##### SELECT SIX UNITS FROM THE FOLLOWING

##### UNITS

BLAS 155	African American Literature *Active*	3
CHIC 135	Chicana/o Literature *Active*	3
ENGL 208	Introduction to Literature *Active*	3
ENGL 210	American Literature I *Active*	3
ENGL 211	American Literature II *Active*	3
ENGL 215	English Literature I: 800-1799 *Active*	3
ENGL 216	English Literature II: 1800 - Present *Active*	3
ENGL 220	Masterpieces of World Literature I: 1500 BCE - 1600 CE *Active*	3
ENGL 221	Masterpieces of World Literature II: 1600 - Present *Active*	3
ENGL 230	Asian American Literature *Active*	3
ENGL 237	Women in Literature *Approved*	3
ENGL 240	Shakespeare *Active*	3



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**SELECT AN ADDITIONAL SIX UNITS FROM THE LISTS ABOVE**

**UNITS**

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Total Units 15-18

The following is **added to** information listed on page 225:

**Geographic Information Systems Technician, Certificate of Achievement**

**COURSES REQUIRED FOR THE MAJOR:**

**UNITS**

<b>GISG 110</b>	<b>Introduction to Mapping and Geographic Information Systems</b>	<b>3</b>
<b>GISG 111</b>	<b>Geographic Information Systems and Cartography</b>	<b>3</b>
<b>GISG 112</b>	<b>Spatial Analysis with Geographic Information Systems</b>	<b>3</b>
<b>GISG 113</b>	<b>Advanced Geographic Information Systems Applications</b>	
<b>or GISG 114</b>	<b>Spatial Databases in Geographic Information Systems</b>	<b>3</b>
<b>GISG 270</b>	<b>Geographic Information Systems Work Experience</b>	<b>1 - 4</b>

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Total Units 13 - 16

Note: Only the 16 unit option of this program is eligible for federal financial aid in accordance with Federal regulations.

The following is **added to** information listed on pages 254-255:

**Liberal Arts and Sciences: Language Arts and Humanities—English, Associate of Arts Degree**

**Courses Required for the Major:**

**Units**

<b>ENGL 215</b>	<b>English Literature I: 800-1799</b>	<b>3</b>
<b>ENGL 216</b>	<b>English Literature II: 1800 - Present</b>	<b>3</b>

**Select a Minimum of 12 Units:**

**Units**

<b>ENGL 208</b>	<b>Introduction to Literature</b>	<b>3</b>
<b>ENGL 210</b>	<b>American Literature I</b>	<b>3</b>
<b>ENGL 211</b>	<b>American Literature II</b>	<b>3</b>
<b>ENGL 220</b>	<b>Masterpieces of World Literature I: 1500 BCE - 1600 CE</b>	<b>3</b>
<b>ENGL 221</b>	<b>Masterpieces of World Literature II: 1600 - Present</b>	<b>3</b>
<b>ENGL 237</b>	<b>Women in Literature</b>	<b>3</b>
<b>ENGL 245A</b>	<b>Writing Creative Nonfiction</b>	<b>3</b>
<b>ENGL 247A</b>	<b>Writing Seminar - Poetry</b>	<b>3</b>



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ENGL 249A	Introduction to Creative Writing I	3
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Total Units

18\*

\*and courses to meet graduation requirements, general education and electives as needed to meet the minimum of 60 units required for the degree.

The following is **added to** information listed on page 303:

### Retail Management, Certificate of Achievement

<u>Courses Required for the Major:</u>		<u>Units</u>
ACCT 116A	Financial Accounting	4
BUSE 119	Business Communications	3
BUSE 150	Human Relations in Business	3
BUSE 201	Business Organization and Management	3
BUSE 210	Human Resources Management	3
CBTE 180	Microsoft Office	3
MARK 100	Principles of Marketing	3
MARK 110	Principles of Retailing	3
<b>Total Units</b>		<b>25</b>

### Small Business Entrepreneurship, Certificate of Achievement

<u>Courses Required for the Major:</u>		<u>Units</u>
BUSE 119	Business Communications	3
MARK 100	Principles of Marketing	3
BUSE 129	Introduction to Entrepreneurship	3
BUSE 155	Managing the Small Business	3
ACCT 150	Computer Accounting Applications	3
BUSE 150	Human Relations in Business	3
<b>Total Units</b>		<b>18</b>





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### Small Business Entrepreneurship, Associate of Science Degree

<u>Courses Required for the Major:</u>		<u>Units</u>
BUSE 100	Introduction to Business	3
BUSE 119	Business Communications	3
MARK 100	Principles of Marketing	3
BUSE 155	Managing the Small Business	3
BUSE 150	Human Relations in Business	3
BUSE 140	Business Law and the Legal Environment	3
BUSE 129	Introduction to Entrepreneurship	3
ACCT 116A	Financial Accounting	4
ACCT 116B	Managerial Accounting	4
CISC 181	Principles of Information Systems	4
ECON 120	Principles of Macroeconomics	3
ECON 121	Principles of Microeconomics	3
BUSE 115	Statistics for Business	3
MATH 121	Basic Techniques of Applied Calculus I	3
<b>Total Units</b>		<b>45*</b>

\*\*and courses to meet graduation requirements, general education and electives as needed to meet the minimum of 60 units required for the degree.

The following is **added to** information listed on page 304:

### Sustainability, Associate of Arts Degree

<u>COURSES REQUIRED FOR THE MAJOR:</u>		<u>UNITS</u>
SUST 101	Introduction to Sustainability *Approved*	3
GEOG 101	Physical Geography *Approved*	3
ECON 121	Principles of Microeconomics *Active*	3
BIOL 200	Biological Statistics *Active*	3
or BUSE 115	Statistics for Business *Active*	3
or MATH 119	Elementary Statistics *Active*	3
or PHIL 101	Symbolic Logic *Active*	3
or PSYC 258	Behavioral Science Statistics *Active*	3
<u>SELECT 3 UNITS FROM THE FOLLOWING:</u>		<u>UNITS</u>
PHIL 131	Environmental Ethics *Active*	3
ECON 220	Economics of the Environment *Active*	3



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**SELECT 3 - 5 UNITS FROM THE FOLLOWING:**

**UNITS**

PHIL 131 <sup>1</sup>	Environmental Ethics *Active*	3
ECON 220 <sup>1</sup>	Economics of the Environment *Active*	3
SUST 270	Sustainability Work Experience *Approved*	1 - 4
BUSE 190	Academic and Career Opportunities in Business *Active*	1
BIOL 180	Plants and People *Active*	3
ARCH 231	Sustainability in the Built Environment *Active*	4
GEOG 101L	Physical Geography Laboratory *Active*	1

<sup>1</sup>If not selected from "Select 3 units" (above).

<sup>1</sup>If not selected from "Select 3 units" (above).

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**Total Units**

**18 - 20**