



**2018-2019 Catalog
Addenda/Errata
4th Edition,
10/3/2018**

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 96-105:

Course	Area US-1: Development of American Institutions	Area US-2: US Constitution	Area US-3: California State & Local Governments
HIST 175 California History (M)			✓
POLI 102 The American Political System (C,M,MMR)		✓	✓
NOTES:			
<ul style="list-style-type: none"> • 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.

Students who complete natural sciences general education courses will be able to:

- demonstrate an understanding and appreciation of the scientific method
- express an understanding of the relationships between science and other human activities
- examine the natural physical world and its life forms in a variety of courses
- utilize critical thinking skills in a variety of scientific applications

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.

Students who complete social and behavioral sciences general education courses will be able to:

- express understanding of how people act and have acted in response to their

societies and the natural environment

- articulate how societies and social subgroups operate in specific historical and contemporary contexts
- use methods of inquiry and measurement appropriate to the particular discipline being studied

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.

Students who complete humanities general education courses will be able to:

- express understanding and appreciation of varieties of cultural and artistic expression
- articulate an understanding of the complex relationships between the arts and their cultural, historical, and economic contexts
- evaluate the various elements of artistic works

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.

Students who complete language and rationality general education courses will be able to:

- demonstrate an understanding of the principles of clear and coherent communication
- use verbal and non-verbal languages in a clear and precise manner
- develop logical and rational thinking skills while analyzing and communicating processes
- evaluate different quantitative and qualitative symbol expressions and systems

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

General Education Requirements (Option 4)

- () 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.

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)	BIOL 109	Introduction to Applied Biology (C)
MATH 116	College and Matrix Algebra (C,M,MMR)	BIOL 110	Introduction to Oceanography (C,M)
MATH 118	A Survey of Modern Mathematics (C,M)	BIOL 111	Cancer Biology (C)
MATH 119	Elementary Statistics (C,M,MMR)	BIOL 115	Marine Biology (C,M,MMR)
MATH 121	Basic Techniques of Applied Calculus I (C,M,MMR)	BIOL 120	The Environment of Man (M)
MATH 122	Basic Techniques of Calculus II (C,M,MMR)	BIOL 130	Human Heredity (C,M,MMR)
MATH 141	Precalculus (C,M,MMR)	BIOL 131	Introduction to Biotechnology (MMR)
MATH 150	Calculus with Analytic Geometry I (C,M,MMR)	BIOL 135	Biology of Human Nutrition (C,MMR)
MATH 151	Calculus with Analytic Geometry II (C,M,MMR)	BIOL 160	Elements of Human Anatomy & Physiology - Lecture/Laboratory (M,MMR)
MATH 183	Mecomtronics Calculus I (C)	BIOL 180	Plants and People (C,M,MMR)
MATH 210A	Concepts of Elementary School Mathematics I (C,M)	BIOL 205	General Microbiology (C,M,MMR)
MATH 210B	Concepts of Elementary School Mathematics II (C,M)	BIOL 210A	Introduction to the Biological Sciences I - Lecture/Laboratory (C,M,MMR)
MATH 245	Discrete Mathematics (C,M,MMR)	BIOL 210B	Introduction to the Biological Sciences II - Lecture/Laboratory (C,M,MMR)
MATH 252	Calculus with Analytic Geometry III (C,M,MMR)	BIOL 215	Introduction to Zoology (C,M)
MATH 254	Introduction to Linear Algebra (C,M,MMR)	BIOL 230	Human Anatomy (C,M,MMR)
MATH 255	Differential Equations (C,M,MMR)	BIOL 235	Human Physiology (C,M,MMR)
PHIL 100	Logic and Critical Thinking (C,M,MMR)	BIOL 250	Introduction to Botany (M)
PHIL 101	Symbolic Logic (C,M,MMR)	BIOL 285	Tropical Biology Field Experience (MMR)
* PHIL 205	Critical Thinking and Writing in Philosophy (C,M,MMR)	CHEM 103	General, Organic, and Biological Chemistry (MMR)
PSYC 258	Behavioral Science Statistics (C,M,MMR)	MEDA 55	Fundamentals Human Anatomy and Physiology (M)
		NUTR 150	Nutrition (C,M,MMR)
		NUTR 155	Advanced Nutrition (M,MMR)
		PSYC 260	Introduction to Physiological Psychology (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)

2. Physical Sciences

ASTR 101	Descriptive Astronomy (C,M,MMR)
ASTR 109	Practice in Observing - Laboratory (C,M,MMR)
ASTR 111	Astronomy Laboratory (C,M,MMR)
AVIA 115	Aviation Weather (MMR)
CHEM 100	Fundamentals of Chemistry (C,M,MMR)
CHEM 100L	Fundamentals of Chemistry - Laboratory (C,M,MMR)
CHEM 103	General, Organic, and Biological Chemistry (MMR)
CHEM 111	Chemistry in Society (C,M,MMR)
CHEM 111L	Chemistry and Society Laboratory (C,M,MMR)

CHEM 130	Introduction to Organic & Biological Chemistry (C,M,MMR)
CHEM 130L	Introduction to Organic & Biological Chemistry - Laboratory (C,M,MMR)
CHEM 152	Introduction to General Chemistry (C,M,MMR)
CHEM 152L	Introduction to General Chemistry Laboratory (C,M,MMR)
CHEM 200	General Chemistry I - Lecture (C,M,MMR)
CHEM 200L	General Chemistry I - Laboratory (C,M,MMR)
CHEM 201	General Chemistry II - Lecture (C,M,MMR)
CHEM 201L	General Chemistry II - Laboratory (C,M,MMR)
CHEM 231	Organic Chemistry I - Lecture (C,M,MMR)
CHEM 231L	Organic Chemistry I - Laboratory (C,M,MMR)
CHEM 233	Organic Chemistry II - Lecture (C,M,MMR)
CHEM 233L	Organic Chemistry II - Laboratory (C,M,MMR)
CHEM 251	Quantitative Analytical Chemistry (C,M,MMR)
GEOG 101	Physical Geography (C,M,MMR)
GEOG 101L	Physical Geography - Laboratory (C,M,MMR)
GEOL 100	Physical Geology (C,M,MMR)
GEOL 101	Physical Geology - Laboratory (C,M,MMR)
GEOL 104	Earth Science (C,M,MMR)
GEOL 111	The Earth Through Time (C,M,MMR)
GEOL 120	Earth Science Laboratory (C,M)
MCTR 120B	Basic Physics for Technical Applications II (C)
PHYN 100	Survey of Physical Science - Lecture (C,M,MMR)
PHYN 101	Survey of Physical Science - Laboratory (C,M,MMR)
PHYN 105	Physical Science for Elementary Education (M,MMR)
PHYN-OCEA 101	The Oceans (M,MMR)
PHYS 100	Introductory Physics Lecture/Laboratory (C,M)
PHYS 125	General Physics (C,M,MMR)
PHYS 126	General Physics II (C,M,MMR)
PHYS 180A	General Physics I (C,MMR)
PHYS 180B	General Physics II (C,MMR)
PHYS 181A	General Physics Lab I (C,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)
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)
ARCH 126	History of Ancient World Architecture (M)
ARCH 127	History of World Architecture: Renaissance Through Contemporary (M)
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)

^	BLAS 150	Black Women in Literature, Film and the Media (C,M)	ENGL 221	Masterpieces of World Literature II: 1600–Present (C,M,MMR)	
^	BLAS 155	African American Literature (C,M)	^	ENGL 230	Asian American Literature (M,MMR)
	CHIC 130	Mexican Literature in Translation (C,M)		ENGL 237	Women in Literature (C,MMR)
^	CHIC 135	Chicana/o Literature (C,M)		ENGL 238	Evaluating Children's Literature (C,M)
	CHIC 138	Literature of La Raza in Latin America in Translation (C,M)		ENGL 240	Shakespeare (C,M)
^	CHIC 190	Chicano Images in Film (C,M)	^	FASH 120	Fashion History and Trends (M)
^	CHIC 210	Chicano Culture (C,M)		FASH 122	Ethnic Costume (M)
	CHIC 230	Chicano Art (C,M)		FREN 101	First Course in French (C,M)
	CHIN 101	First Course in Mandarin Chinese (M)		FREN 102	Second Course in French (C,M)
	CHIN 102	Second Course in Mandarin Chinese (M)		FREN 201	Third Course in French (C,M)
	CHIN 201	Third Course in Mandarin Chinese (M)		FREN 202	Fourth Course in French (C,M)
	CHIN 202	Fourth Course in Mandarin Chinese (M)		GERM 101	First Course in German (C,M)
	DANC 181	History of Dance (C,M)		GERM 102	Second Course in German (C,M)
	DFLM 101	Introduction to Film (MMR)		GERM 201	Third Course in German (C,M)
	DFLM 102	The American Cinema (MMR)	*	HIST 100	World History I (C,M,MMR)
	DRAM 105	Introduction to Dramatic Arts (C,M)	*	HIST 101	World History II (C,M,MMR)
	DRAM 107	Study of Filmed Plays (C)	*	HIST 105	Introduction to Western Civilization I (C,M,MMR)
	DRAM 108	Playwriting (C)	*	HIST 106	Introduction to Western Civilization II (C,M,MMR)
^	DRAM 109	Theatre and Social Issues (C,M)	^*	HIST 120	Introduction to Asian Civilizations (C,M,MMR)
	DRAM 111	Chicana/o Theatre (C)	^*	HIST 121	Asian Civilizations in Modern Times (C,M,MMR)
	DRAM 136	History of Canonized Theatre - Ancient Greece to the Restoration (C,M)	^*	HIST 123	U.S. History from the Asian Pacific American Perspective (C,M)
	DRAM 137	History of Canonized Western Theatre - Restoration to the Present (C,M)	*	HIST 131	Latin America Before Independence (M)
	DRAM 150	Cinema as Art and Communication I (M)	*	HIST 132	Latin America Since Independence (M)
	DRAM 151	Cinema as Art and Communication II (M)		HUMA 101	Introduction to the Humanities I (C,M,MMR)
	ENGL 207	The Art of the Sentence (M)		HUMA 102	Introduction to the Humanities II (C,M,MMR)
	ENGL 208	Introduction to Literature (C,M,MMR)		HUMA 103	Introduction to the New Testament (C,M)
	ENGL 209	Literary Approaches to Film (C,M,MMR)		HUMA 104	Introduction to the Old Testament (M)
	ENGL 210	American Literature I (C,M,MMR)		HUMA 106	World Religions (C,M,MMR)
	ENGL 211	American Literature II (C,M,MMR)		HUMA 118	Eastern Humanities (M)
	ENGL 215	English Literature I: 800–1799 (C,M,MMR)		HUMA 119	Western Humanities (M)
	ENGL 216	English Literature II: 1800–Present (C,M,MMR)		HUMA 201	Mythology (C,M,MMR)
	ENGL 220	Masterpieces of World Literature I: 1500 BCE–1600 CE (C,M,MMR)		HUMA 202	Mythology: Hero's Journey (C)
				HUMA 205	Exploring Human Values Through Film (M)
				HUMA 210	Women in Religion and Myth (M)
			^	INTE 125	History of Furniture and Interiors (M)

	ANTH 205	Introduction to Medical Anthropology (M)		ECON 120	Principles of Macroeconomics (C,M,MMR)
^	ANTH 210	Introduction to California Indians (C,M)		ECON 121	Principles of Microeconomics (C,M,MMR)
	ANTH 215	Cultures of Latin America (C,M)		ECON 220	Economics of the Environment (M)
	BLAS 100	Introduction to Black Studies (C,M)	^	ENGL 202	Introduction to Linguistics (C,M)
^	BLAS 104	Black Psychology (C,M)	^	FILI 100	Filipino American Experience (MMR)
^	BLAS 115	Sociology from a Black Perspective (C)		FUTR 101	Introduction to Futures Studies (C)
^	BLAS 116	Contemporary Social Problems from a Black Perspective (C,M)		FUTR 102	Creating Futures: Methods and Tools (C)
^	BLAS 125	Dynamics of the Black Community (M)		FUTR 103	Emerging Technologies (C)
^	BLAS 130	The Black Family (C,M)	^	GDEV 101	Introduction to Global Development Studies (C)
^	BLAS 135	Introduction to Black Politics (C)	^	GEND 101	Introduction to Gender Studies (C)
^	BLAS 140A	History of the U.S., Black Perspectives (C,M,MMR)	^	GEOG 102	Cultural Geography (C,M,MMR)
^	BLAS 140B	History of the U.S., Black Perspectives (C,M,MMR)		GEOG 104	World Regional Geography (C,M,MMR)
^	BLAS 145A	Introduction to African History (C,M)		GEOG 154	Introduction to Urban Geography (C,M)
^	BLAS 145B	Introduction to African History (C)	*	HIST 100	World History I (C,M,MMR)
	BLAS 165	Sexuality and Black Culture (C,M)	*	HIST 101	World History II (C,M,MMR)
	BLAS 175	Psycho-History of Racism and Sexism (M)	*	HIST 105	Introduction to Western Civilization I (C,M,MMR)
	BUSE 100	Introduction to Business (C,M,MMR)	*	HIST 106	Introduction to Western Civilization II (C,M,MMR)
	BUSE 140	Business Law and the Legal Environment (C,M,MMR)		HIST 109	History of the United States I (C,M,MMR)
^	CHIC 110A	Introduction to Chicano Studies (C,M)		HIST 110	History of the United States II (C,M,MMR)
^	CHIC 110B	Introduction to Chicano Studies (C,M)	^	HIST 115A	History of the Americas I (C,M,MMR)
^	CHIC 141A	United States History from a Chicano Perspective (C,M)	^	HIST 115B	History of the Americas II (C,M,MMR)
^	CHIC 141B	United States History from a Chicano Perspective (C,M)	^*	HIST 120	Introduction to Asian Civilization (C,M,MMR)
	CHIC 150	History of Mexico (C,M)	^*	HIST 121	Asian Civilizations in Modern Times (C,M,MMR)
	CHIC 170	La Chicana (C,M)	^*	HIST 123	U.S. History from the Asian Pacific American Perspective (C,M)
	CHIC 201	The Indigenous Tradition of Mexico and Ancient Mesoamerica (C,M)	^	HIST 130	The Modern Middle East (M)
	CHIL 101	Human Growth and Development (C,M,MMR)	*	HIST 131	Latin America Before Independence (M)
	CHIL 103	Lifespan Growth and Development (MMR)	*	HIST 132	Latin America Since Independence (M)
^	CHIL 141	The Child, Family and Community (C,M,MMR)		HIST 141	Women in United States History I (M,MMR)
	COMS 201	Communication and Community (C,M,MMR)		HIST 142	Women in United States History II (M,MMR)
	CRES 101	Conflict Resolution and Mediation (C)	^	HIST 150	Native Americans in United States History (M)
	DJRN 100	Mass Media in the Digital Age (C)	^	HIST 151	Native Americans in United States History (M)

HIST 154	Ancient Egypt (M)
HIST 175	California History (M)
HUMS 101	Introduction to Human Aging (C)
JOUR 202	Introduction to Mass Communication (C,M,MMR)
^ NUTR 153	Cultural Foods (M)
PEAC 101	Introduction to Peace Studies (C)
PEAC 102	Nonviolence and Conflict Resolution (C)
PEAC 201	Environmental Sustainability, Justice and Ethics (C)
* PHIL 108	Perspectives on Human Nature and Society (C,M)
PHIL 109	Issues in Social Philosophy (M)
^* PHIL 125	Philosophy of Women (C,M)
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)
^ 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)
SUST 101	Introduction to Sustainability (C,M,MMR)

Certificate of Achievement

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

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

Certificate of Performance

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

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

SAN DIEGO
CITY COLLEGE



2018-2019 Catalog
Addenda/Errata

The following is **added to/replacing** information listed on pages 118-135:

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)
DRAM 111	Chicana/o Theatre (C)	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)
FASH 122	Ethnic Costume (M)	CHIN 202	Fourth Course in Mandarin Chinese (M)
MUSI 100	Introduction to Music (C,M,MMR)	ENGL 208	Introduction to Literature (C,M,MMR)
MUSI 101	Music History I: Middle Ages to Mid 18th Century (M)	ENGL 209	Literary Approaches to Film (C,M,MMR)
MUSI 102	Music History II: Mid 18th–Early 20th Century (M)	ENGL 210	American Literature I (C,M,MMR)
MUSI 103	History of Rock Music (C,M,MMR)	ENGL 211	American Literature II (C,M,MMR)
MUSI 105	Music of Our Time (M)	ENGL 215	English Literature I: 800–1799 (C,M,MMR)
MUSI 109	World Music (C,M,MMR)	ENGL 216	English Literature II: 1800–Present (C,M,MMR)
MUSI 111	Jazz - History & Development (C,M,MMR)	ENGL 220	Masterpieces of World Literature I: 1500 BCE–1600 CE (C,M,MMR)
MUSI 117	Music in the United States (M)	ENGL 221	Masterpieces of World Literature II: 1600–Present (C,M,MMR)
MUSI 118	Asian Music (M)	ENGL 230	Asian American Literature (M,MMR)
MUSI 119	Music in the Americas, Africa & Europe (M)	ENGL 237	Women in Literature (C,MMR)
MUSI 125	Music, The Arts, and Humanity (M)	ENGL 240	Shakespeare (C,M)
PHOT 150	History of Photography (C)	FREN 102	Second Course in French (C,M)
RTVF 160	Introduction to Cinema (C)	FREN 201	Third Course in French (C,M)
RTVF 162	Women in Film (C)	FREN 202	Fourth Course in French (C,M)
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3B: Humanities Courses			
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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)
HUMA 118	Eastern Humanities (M)	SPAN 216	Spanish for Spanish Speakers II (C,M)
HUMA 119	Western Humanities (M)	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)
HUMA 210	Women in Religion and Myth (M)	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.

4A: Anthropology and Archaeology Courses

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

4B: Economics Courses

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

ECON 220 Economics of the Environment (M)

4C: Ethnic Studies Courses

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

4D: Gender Studies

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

- * PHIL 126 Introduction to Philosophy of Contemporary Gender Issues (C,M)
- PSYC 133 Psychology of Women (M,MMR)

4E: Geography Courses

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

4F: History Courses

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

HIST 175 California History (M)

4G: Interdisciplinary, Social & Behavioral Sciences

- AGRI 100 Principles of Sustainable Agriculture (C)
- + CHIL 101 Human Growth and Development (C,M,MMR)
- + CHIL 103 Lifespan Growth and Development (C,MMR)
- * COMS 135 Interpersonal Communication (C,M,MMR)
- COMS 201 Communication and Community (C,M,MMR)**
- CREG 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)**

4H: Political Science, Government & Legal Institutions Courses

- ADJU 101 Introduction to Administration of Justice (C,MMR)
- ADJU 193 Concepts of Criminal Law (MMR)
- ADJU 230 Constitutional Law I (MMR)
- POLI 101 Introduction to Political Science (C,M,MMR)
- POLI 102 The American Political System (C,M,MMR)
- POLI 103 Comparative Politics (C,M,MMR)

POLI 140 Contemporary International Politics (C,M,MMR)

SOCO 223 Globalization and Social Change (C,M,MMR)

4I: Psychology Courses

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

4J: Sociology & Criminology Courses

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

Area 5—Physical and Biological Sciences

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

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

- One course in 5A (underlined courses include a lab component)
- One course in 5B (underlined courses include a lab component)
- One of the courses selected to fulfill the requirement for 5A or 5B must include a laboratory component or a separate course must be taken from 5C. If a separate laboratory course is taken from 5C, it must match one of the two lecture courses taken from 5A or 5B.

5A: Physical Science Courses

ASTR 101	Descriptive Astronomy (C,M,MMR)
AVIA 115	Aviation Weather (MMR)
+ CHEM 100	Fundamentals of Chemistry (C,M,MMR)
<u>CHEM 103</u>	General, Organic, and Biological Chemistry (MMR)
CHEM 111	Chemistry in Society (C,M,MMR)
+ CHEM 130	Introduction to Organic & Biological Chemistry (C,M,MMR)
+ CHEM 152	Introduction to General Chemistry (C,M,MMR)
CHEM 200	General Chemistry I - Lecture (C,M,MMR)
CHEM 201	General Chemistry II - Lecture (C,M,MMR)
+ CHEM 231	Organic Chemistry I - Lecture (C,M,MMR)
CHEM 233	Organic Chemistry II - Lecture (C,M,MMR)
<u>CHEM 251</u>	Quantitative Analytical Chemistry (C,M,MMR)
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)
<u>PHYN OCEA 101</u>	<u>The Oceans (M,MMR)</u>
+ <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)
+ <u>ASTR 109</u>	<u>Practice in Observing Lab (C,M,MMR)</u>
+ 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)

3. 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
4. Achieve a score of 3, 4 or 5 on a College Board Advanced Placement (AP) Examination in a language other than English.
 5. Achieve a score of 5 or higher on an International Baccalaureate (IB) Higher Level Examination in a language other than English.
 6. 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.
 7. 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.
 8. Earn a passing grade on the international A level or O level exam in a language other than English.
 9. 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-Breadth 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)
PHYN OCEA 101	The Oceans (M,MMR)
<u>PHYS 100</u>	Introductory Physics (C,M)
<u>PHYS 125</u>	General Physics (C,M,MMR)
<u>PHYS 126</u>	General Physics II (C,M,MMR)
PHYS 180A	General Physics I (C,MMR)
PHYS 180B	General Physics II (C,MMR)
<u>PHYS 195</u>	Mechanics (C,M,MMR)
<u>PHYS 196</u>	Electricity and Magnetism (C,M,MMR)
<u>PHYS 197</u>	Waves, Light and Modern Physics (C,M,MMR)

B2: Life Science

ANTH 102	Introduction to Physical Anthropology (C,M,MMR)
<u>BIOL 100</u>	Natural History-Environmental Biology (M,MMR)
<u>BIOL 101</u>	Issues in Environmental Science & Sustainability (C)

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

B3: Laboratory Activity

ANTH 104	Laboratory in Physical Anthropology (C,M,MMR)
ASTR 109	Practice in Observing (C,M,MMR)
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)

B4: Mathematics/Quantitative Reasoning

BIOL 200	Biological Statistics (C,M)
BUSE 115	Statistics for Business (C,M,MMR)
MATH 104	Trigonometry (C,M,MMR)
MATH 107	Introduction to Scientific Programming (C)
MATH 107L	Introduction to Scientific Programming Laboratory (C)
MATH 115	Gateway to Experimental Statistics (C,MMR)
MATH 116	College and Matrix Algebra (C,M,MMR)
MATH 118	A Survey of Modern Mathematics (C,M)
MATH 119	Elementary Statistics (C,M,MMR)
MATH 121	Basic Techniques of Applied Calculus I (C,M,MMR)
MATH 122	Basic Techniques of Calculus II (C,M,MMR)
MATH 141	Precalculus (C,M,MMR)
MATH 150	Calculus with Analytic Geometry I (C,M,MMR)
MATH 151	Calculus with Analytic Geometry II (C,M,MMR)
MATH 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)

Area C. Arts and Humanities:

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

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

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)
FASH 122	Ethnic Costume (M)
INTE 125	History of Furniture and Interiors (M)
MUSI 100	Introduction to Music (C,M,MMR)
MUSI 101	Music History I: Middle Ages to Mid 18th Century (M)
MUSI 102	Music History II: Mid 18th to Early 20th Century (M)

MUSI 103	History of Rock Music (C,M,MMR)
MUSI 105	Music of Our Time (M)
MUSI 109	World Music (C,M,MMR)
MUSI 111	Jazz - History and Development (C,M,MMR)
MUSI 117	Music in the United States (M)
MUSI 118	Asian Music (M)
MUSI 119	Music in the Americas, Africa & Europe (M)
MUSI 125	Music, the Arts and Humanity (M)
PHOT 150	History of Photography (C)
RTVF 160	Introduction to Cinema (C)
RTVF 162	Women in Film (C)

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

AMSL 115	American Sign Language Level I (C,M)
AMSL 116	American Sign Language Level II (C,M)
* AMSL 150	Introduction to Deaf Culture (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)
ARTF 108	Women in Art (M)
ARCH 126	History of Ancient World Architecture (M)
ARCH 127	History of World Architecture: Renaissance Through Contemporary (M)
ARTF 191	Cultural Influences on Photography (M)
BLAS 150	Black Women in Literature, Film and the Media (C,M)
BLAS 155	African American Literature (C,M)
CHIC 130	Mexican Literature in Translation (C,M)
CHIC 135	Chicana/o Literature (C,M)
CHIC 138	Literature of La Raza in Latin America in Translation (C,M)
CHIC 190	Chicano Images in Film (C,M)
CHIC 210	Chicano Culture (C,M)
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)
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)
ENGL 230	Asian American Literature (M,MMR)
ENGL 237	Women in Literature (C,MMR)
ENGL 238	Evaluating Children's Literature (C,M)
ENGL 240	Shakespeare (C,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)
* 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 120	Introduction to Asian Civilizations (C,M,MMR)
* HIST 121	Asian Civilizations in Modern Times (C,M,MMR)
* HIST 131	Latin America Before Independence (M)
* HIST 132	Latin America Since Independence (M)
* HIST 154	Ancient Egypt (M)
* HUMA 101	Introduction to the Humanities I (C,M,MMR)
HUMA 102	Introduction to the Humanities II (C,M,MMR)
HUMA 103	Introduction to the New Testament (C,M)
HUMA 104	Introduction to the Old Testament (M)
HUMA 106	World Religions (C,M,MMR)
HUMA 118	Eastern Humanities (M)

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

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

Area E. Lifelong Learning and Self-Development:

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

ADJU 205	Leadership Theory and Practice (MMR)	* PSYC 111	Psychological/Social Aspects of Aging, Death and Dying (C,M)
AVIA 133	Human Factors in Aviation (MMR)	PSYC 112	Interpersonal Relations (M)
BIOL 120	The Environment of Man (M)	* PSYC 135	Marriage and Family Relations (C,M,MMR)
BIOL 135	Biology of Human Nutrition (MMR)	* PSYC 137	Human Sexual Behavior (C,M,MMR)
BLAS 165	Sexuality and Black Culture (C,M)	* PSYC 230	Psychology of Lifespan Development (C,M,MMR)
BUSE 120	Principles of Money Management (C,M,MMR)	* SOCO 145	Health and Society (C,MMR)
* CHIL 101	Human Growth and Development (C,M,MMR)		

Note: Students who have completed at least 6 months of continuous active US military service have

with a course, students can be assured that it will be accepted in lieu of a course bearing the same C-ID designation at another California community college. Many universities, including the University of California (UC) do not participate in the C-ID system. Therefore, students should always reference www.assist.org to confirm how each community college's course will be accepted at a specific four-year college or university for transfer credit.

Course	C-ID Descriptor	Course	C-ID Descriptor
ACCT 116A Financial Accounting (C,M,MMR)	ACCT 110	ARTF 165A Composition in Painting I (C,M,MMR)	ARTS 210
ACCT 116B Managerial Accounting (C,M,MMR)	ACCT 120	ARTF 170A Contemporary Crafts I (C,MMR)	ARTS 280
ADJU 101 Introduction to Administration of Justice (C,MMR)	AJ 110	ARTF 210A Life Drawing I (C,M,MMR)	ARTS 200
ADJU 102 Criminal Law I (C,MMR)	AJ 120	ARTF 231 Introduction to Digital Art (M)	ARTS 250
ADJU 162 Criminal Investigation (MMR)	AJ 140	BIOL 200 Biological Statistics (C,M)	SOCI 125
ADJU 161 Juvenile Procedures (MMR)	AJ 220	BIOL 210B Introduction to the Biological Sciences II (C,M,MMR)	BIOL 140
ADJU 201 California Criminal Procedure (MMR)	AJ 122	BIOL 230 Human Anatomy (C,M,MMR)	BIOL 110B
ADJU 210 Rules of Evidence (MMR)	AJ 124	BUSE 100 Introduction to Business (C,M,MMR)	BUS 110
ADJU 220 Law Enforcement Forensics (MMR)	AJ 150	BUSE 119 Business Communications (C,M,MMR)	BUS 115
AGRI 107 Introduction to Agricultural Plant Science (C)	AG-PS 106L	BUSE 140 Business Law and the Legal Environment (C,M,MMR)	BUS 120
AGRI 114 Plant Propagation (C)	AG-EH 116L	BUSE 140 Business Law and the Legal Environment (C,M,MMR)	BUS 125
AGRI 125 Introduction to Soil Science (C)	AG-PS 128L	CHIL 101 Human Growth and Development (C,M,MMR)	CDEV 100
ANTH 102 Introduction to Physical Anthropology (C,M,MMR)	ANTH 110	CHEM 100 Fundamentals of Chemistry (C,M,MMR)	CHEM 101
ANTH 103 Introduction to Cultural Anthropology (C,M,MMR)	ANTH 120	CHEM 100L Fundamentals of Chemistry Laboratory (C,M,MMR)	CHEM 101
ANTH 107 Introduction to Archaeology (C,M,MMR)	ANTH 150	CHEM 200 General Chemistry I - Lecture (C,M,MMR)	CHEM 110
ARTF 111 Art History: Renaissance to Modern (C,M,MMR)	ARTH 120	CHEM 200L General Chemistry I - Laboratory (C,M,MMR)	CHEM 110
ARTF 125 Art History: Arts of the Asian Continent (C,M,MMR)	ARTH 130	CHEM 201 General Chemistry II - Lecture (C,M,MMR)	CHEM 120S
ARTF 150A Two-Dimensional Design (C,M,MMR)	ARTS 100	CHEM 201L General Chemistry II - Laboratory (C,M,MMR)	CHEM 120S
ARTF 151 Three-Dimensional Design (C,M,MMR)	ARTS 101	CHEM 210L General Chemistry II - Laboratory (C,M,MMR)	CHEM 120S
ARTF 152 Color Theory (M)	ARTS 270	CHEM 231 Organic Chemistry I - Lecture (C,M,MMR)	CHEM 160S
ARTF 155A Freehand Drawing I (C,M,MMR)	ARTS 110	CHEM 231L Organic Chemistry I - Laboratory (C,M,MMR)	CHEM 160S
ARTF 155B Freehand Drawing II (C,M,MMR)	ARTS 205	CHEM 233 Organic Chemistry II - Lecture (C,M,MMR)	CHEM 160S
		CHEM 233L Organic Chemistry II - Laboratory (C,M,MMR)	CHEM 160S
		CISC 190 Java Programming (C,M,MMR)	COMP 122
		CISC 191 Intermediate Java Programming (MMR)	COMP 132
		CISC 211 Computer Organization and Assembly Language (MMR)	COMP 142

Course	C-ID Descriptor	Course	C-ID Descriptor
CISC 246 Discrete Mathematics for Computer Science (MMR)	COMP 152	ENGL 205 Critical Thinking and Intermediate Composition (C,M,MMR)	ENGL 105
COMS 103 Oral Communication (C,M,MMR)	COMM 110	ENGL 208 Introduction to Literature (C,M,MMR)	ENGL 120
COMS 135 Interpersonal Communication (C,M,MMR)	COMM 130	ENGL 210 American Literature I (C,M,MMR)	ENGL 130
COMS 160 Argumentation (C,M,MMR)	COMM 120	ENGL 211 American Literature II (C,M,MMR)	ENGL 135
COMS 170 Small Group Communication (C,M,MMR)	COMM 140	ENGL 215 English Literature I: 800 - 1799 (C,M,MMR)	ENGL 160
COMS 180 Intercultural Communication (C,M,MMR)	COMM 150	ENGL 216 English Literature II: 1800 - Present (C,M,MMR)	ENGL 165
DJRN 100 Mass Media in the Digital Age (C)	JOUR 100	ENGL 220 Masterpieces of World Literature I: 1500 BCE - 1600 CE (C,M,MMR)	ENGL 140
DJRN 200 Newswriting for Multimedia (C)	JOUR 110	ENGL 221 Masterpieces of World Literature II: 1600 - Present (C,M,MMR)	ENGL 145
DJRN 205 Community Journalism for Multimedia (C)	JOUR 210	EXSC 241B Introduction to Kinesiology (C,M,MMR)	KIN 100
DJRN 210 News Reporting and Editing for Publication (C)	JOUR 130	GEND 101 Introduction to Gender Studies (C)	SOCI 140
DJRN 211 Online News Concepts for Publication (C)	JOUR 131	GEOG 101 Physical Geography (C,M,MMR)	GEOG 110
DJRN 215 Photo Journalism and Documentary Photography (C)	JOUR 160	GEOG 101L Physical Geography Laboratory (C,M,MMR)	GEOG 111
DRAM 105 Introduction to Dramatic Arts (C,M)	THTR 111	GEOG 102 Cultural Geography (C,M,MMR)	GEOG 120
DRAM 112 Introduction to Script Analysis (M)	THTR 114	GEOG 104 World Regional Geography (C,M,MMR)	GEOG 125
DRAM 123 Beginning Stagecraft (C,M)	THTR 171	GEOL 100 Physical Geology (C,M,MMR)	GEOL 100
DRAM 124 Makeup for the Stage (C,M)	THTR 175	GEOL 101 Physical Geology Laboratory (C,M,MMR)	GEOL 100L
DRAM 132 Beginning Acting (C,M)	THTR 151	GEOL 104 Earth Science (C,M,MMR)	GEOL 120
DRAM 133 Intermediate Acting (C,M)	THTR 152	GEOL 111 The Earth Through Time (C,M,MMR)	GEOL 111
DRAM 136 History of Canonized Theatre-Ancient Greece to the Restoration (C)	THTR 113	GEOL 120 Earth Science Laboratory (C,M)	GEOL 120L
DRAM 143 Beginning Costuming (C)	THTR 174	GISG 104 Geographic Information Science and Spatial Reasoning (C,M)	GEOG 155
DRAM 242A Rehearsal and Performance I (C)	THTR 191	GISG 110 Introduction to Mapping and Geographic Information Systems (C,M)	GEOG 155
ECON 120 Principles of Macroeconomics (C,M,MMR)	ECON 202	HEAL 131 Emergency Response (First Aid/CPR/AED) (M)	KIN 101
ECON 121 Principles of Microeconomics (C,M,MMR)	ECON 201	HIST 101 World History II (C,M,MMR)	HIST 160
ENGL 101 Reading and Composition (C,M,MMR)	ENGL 100		

Course	C-ID Descriptor	Course	C-ID Descriptor
HIST 105 Introduction to Western Civilization I (C,M,MMR)	HIST 170	POLI 102 The American Political System (C,M,MMR)	POLS 110
HIST 106 Introduction to Western Civilization II (C,M,MMR)	HIST 180	POLI 140 Contemporary International Politics (C,M,MMR)	POLS 140
JOUR 200 Introduction to Newswriting and Reporting (C,M)	JOUR 110	PHYS 125 General Physics (C,M,MMR)	PHYS 105
JOUR 202 Introduction to Mass Communication (C,M,MMR)	JOUR 100	PHYS 195 Mechanics (C,M,MMR)	PHYS 205
JOUR 206 Online Journalism (C,M)	JOUR 120	PHYS 196 Electricity and Magnetism (C,M,MMR)	PHYS 210
JOUR 210A Newspaper Production 1 (C,M,MMR)	JOUR 130	PHYS 197 Waves, Optics and Modern Physics (C,M,MMR)	PHYS 215
JOUR 210B Newspaper Production 2 (C,M)	JOUR 131	POLI 103 Comparative Politics (C,M,MMR)	POLS 130
JOUR 220 Principles of Public Relations (M)	JOUR 150	PSYC 101 General Psychology (C,M,MMR)	PSY 110
MATH 121 Basic Techniques of Applied Calculus I (C,M,MMR)	MATH 140	PSYC 166 Introduction to Social Psychology (C,M,MMR)	PSY 170
MATH 150 Calculus with Analytic Geometry I (C,M,MMR)	MATH 210	PSYC 255 Introduction to Psychological Research (C,M,MMR)	PSY 200
MATH 252 Calculus with Analytic Geometry III (C,M,MMR)	MATH 230	PSYC 258 Behavioral Science Statistics (C,M,MMR)	SOCI 125
MATH 254 Introduction to Linear Algebra (C,M,MMR)	MATH 250	PSYC 258 Behavioral Science Statistics (C,M,MMR) and	MATH 110
MUSI 100 Introduction to Music (C,M,MMR)	MUS 100	PSYC 259 Behavioral Science Statistics Laboratory (C,M,MMR)	
MUSI 150A Basic Musicianship (C,M,MMR)	MUS 110	PSYC 260 Introduction to Physiological Psychology (C,M,MMR)	PSY 150
MUSI 158B Music Theory II (M,MMR)	MUS 130	SOCO 101 Principles of Sociology (C,M,MMR)	SOCI 110
MUSI 253A Jazz Ensemble I (M)	MUS 180	SOCO 110 Contemporary Social Problems (C,M,MMR)	SOCI 115
MUSI 253B Jazz Ensemble II (M)	MUS 180	SOCO 220 Introduction to Research Methods in Sociology (C,MMR)	SOCI 120
MUSI 253C Jazz Ensemble III (M)	MUS 180	SOCO 125 Sociology of the Family (C,M)	SOCI 130
MUSI 253D Jazz Ensemble IV (M)	MUS 180	SPAN 101 First Course in Spanish (C,M,MMR)	SPAN 100
MUSI 258A Music Theory III (M,MMR)	MUS 140	SPAN 102 Second Course in Spanish (C,M,MMR)	SPAN 110
MUSI 258B Music Theory IV (M,MMR)	MUS 150	SPAN 201 Third Course in Spanish (C,M,MMR)	SPAN 200
MUS 268B Beginning Ear Training Laboratory II (M,MMR)	MUS 135	SPAN 202 Fourth Course in Spanish (C,M,MMR)	SPAN 210
MUSI 274B Applied Music II (M)	MUS 160	SPAN 215 Spanish for Spanish Speakers I (C,M)	SPAN 220
MUSI 274C Applied Music III (M)	MUS 160	SPAN 216 Spanish for Spanish Speakers II (C,M)	SPAN 230
NUTR 150 Nutrition (C,M,MMR)	NUTR 110		
PHIL 101 Symbolic Logic (C,M,MMR)	PHIL 210		
PHIL 102A Introduction to Philosophy (C,M,MMR)	PHIL 100		
PHIL 102B Introduction to Philosophy: Values (C,M,MMR)	PHIL 120		
POLI 101 Introduction to Political Science (C,M,MMR)	POLS 150		

Other Transfer General Education Options

Some transfer students are best served by following a general education pattern other than the IGETC or CSUGE-B patterns. These typically include students who fall into one of the following three categories:

1. Students entering high unit majors such as an engineering or science discipline. Major preparation for the engineering and science fields typically consists of a high number of units. Most universities prefer (and some require) that these preparation for major courses be completed prior to transfer. Therefore, it may be more beneficial for students entering these majors to complete relatively fewer GE courses and more major preparation courses at the community college, while still meeting the minimum admission requirements of the university. Students should review the catalog or other published advising materials of the university and major to which they intend to transfer and then consult a City counselor for assistance in selecting appropriate courses.
2. Students transferring to a private/independent or out-of-state university. Some private/independent and out-of-state universities accept IGETC or CSUGE-B, but most do not.
3. Students who wish to complete the general education requirements of one specific university. Some students decide to complete the GE requirements for one specific university, rather than the more universally applicable IGETC or CSUGE-B patterns, for several reasons:
 - Some universities and/or majors do not accept IGETC and instead suggest following the university's own GE pattern.
 - Some students know that they will attend only one university (such as those with a guarantee of transfer admission) and so plan to complete the specific GE pattern for that institution only.
 - Some university-specific GE patterns require fewer total units than IGETC or CSUGE-B.

Instead, each university has its own unique GE pattern. City College has established articulation agreements with many of these institutions. These agreements specify the courses students can complete at City to fulfill the university's GE requirements. They are available at www.sdccity.edu/transfer/articulation. For more information on transferring to a private/independent or out-of-state university, visit the Transfer Center (A-111) or see a counselor.

Each university's unique GE pattern can be found in the university catalog. In addition, some UC and CSU campuses have posted their unique general education patterns to the ASSIST website at: www.assist.org.



2018-2019 Catalog Addenda/Errata

The following is **added to /replacing** information listed on pages 186:

Certificate of Achievement: Child Development

Associate Teacher

Courses Required for the Major:	Units
CHIL 101 Human Growth and Development	3
CHIL 141 The Child, Family and Community	3
CHIL 180 Nutrition, Health & Safety for Children	3
Select two courses from:	
CHIL 111 Curriculum: Music/Motor Skills	3
CHIL 121 Creative Art	3
CHIL 131 Curriculum: Language/Science	3
CHIL 133 Curriculum: Language and Literature	3
CHIL 135 Curriculum: Science and Math	3
CHIL 153 Techniques of Teaching Using the Reggio Emilia Approach	3
Select three or more units from:	
CHIL 160 Observing and Understanding Children	2
CHIL 161 Observations and Issues in Child Development	2
CHIL 270 Work Experience	1-4
CHIL 291 Child Development Lab Practicum	1-4
CHIL 291A Child Development Center Practicum	1
CHIL 291B Child Development Center Practicum	1
CHIL 291C Child Development Center Practicum	1
CHIL 291D Child Development Center Practicum	1

Total Units = 18-19



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The following is **replacing** information listed on pages 187-188:

Certificate of Achievement Child Development

Master Teacher

Courses Required for the Major:		Units
CHIL 101	Human Growth and Development	3
CHIL 141	The Child, Family and Community	3
CHIL 151	Program Planning	3
CHIL 155	Supervised Field Study Seminar	1
CHIL 180	Nutrition, Health & Safety for Children	3
CHIL 215	Adult Supervision and Mentoring in Early Childhood Settings	3
CHIL 270	Work Experience	2-4
or		

Note: CHIL 151, 155 and 270 must be taken concurrently

Select three of the following courses:

CHIL 111	Curriculum: Music/Motor Skills	3
CHIL 121	Creative Art	3
CHIL 133	Curriculum: Language and Literature	3
CHIL 135	Curriculum: Science and Math	3

Select one of the following specializations (6-7 units):

Guiding Young Children

CHIL 160	Observing & Understanding Children	2
CHIL 161	Observation & Issues in Child Development	2
CHIL 162	Observing and Guiding Child Behavior	3
or		

Family Life

CHIL 160	Observing & Understanding Children	2
CHIL 161	Observation & Issues in Child Development	2
CHIL 188	Violence in the Lives of Children and Families	3
or		

Special Needs

CHIL 165	Children with Special Needs	3
CHIL 166	Special Needs Curriculum	3
or		

Infant/Toddler

CHIL 175	Infant-Toddler Growth and Development	3
CHIL 176	Principles of Infant/Toddler Caregiving	3
or		

School Age

CHIL 152	School-Age Program Planning	3
and		
MATH 210A	Concepts of Elementary School Mathematics	3
or		
MUSI 110	Music for the Elementary School Teachers	3
or		
EXSC 240	Physical Education in the Elementary School	3
Note: Students must select CHIL 152 and one of the other three courses		

Select one of the following three options outside of your specialization:

CHIL 160	Observing and Understanding Children	2
and		
CHIL 161	Observations and Issues in Child Development	2
or		
CHIL 165	Children With Special Needs	3
or		
CHIL 175	Infant-Toddler Growth and Development	3

Total Units = 36-40



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The following is **added** to information listed on pages 196:

Certificate of Achievement: Business Information Worker II

Courses Required for the Major:	Units
ACCT 150 Computer Accounting Applications	3
CBTE 127 Introduction to PowerPoint	2
CBTE 143 Intermediate Microsoft Excel	3
CBTE 152 Beginning Microsoft Access or	
CBTE 155 SharePoint Using Office 365	2
CBTE 205 Records Management or	
CBTE 206 Electronic Records Management	3
BUSE 102 Introduction to Customer Service	3
Total Units = 16	

Associate of Science Degree: Business Information Worker

Courses Required for the Major:	Units
ACCT 150 Computer Accounting Applications	3
BUSE 92 Introduction to Business Communication or	
BUSE 119 Business Communications	3
BUSE 102 Introduction to Customer Service or	
BUSE 150 Human Relations in Business	3
CBTE 94 Introduction to Computer Keyboarding or	
CBTE 95 Keyboarding Skill Development	1
CBTE 114 Introduction to Microsoft Windows	1
CBTE 120 Beginning Microsoft Word	2
CBTE 140 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
CBTE 127 Introduction to PowerPoint	2
CBTE 143 Intermediate Microsoft Excel	3
CBTE 152 Beginning Microsoft Access or	
CBTE 155 SharePoint Using Office 365	2
CBTE 205 Records Management or	
CBTE 206 Electronic Records Management	3

Total Units = 29-30



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The following is **added to** information listed on pages 197-200:

Award Type	Units
Certificate of Performance:	
Cybersecurity Specialist	10
Cyber Incident Response	11
Introduction to C++	8
Intermediate C++	8
Desktop Support Technician I	7
Microsoft Technology Specialist	16.5
Network Security	7
Project Management for Information Technology	6
Certificate of Achievement:	
Information Technology Management	27
Associate of Science Degree:	
Information Technology Management	27*
* and courses to meet graduation requirements, general education and electives as needed to meet the minimum of 60 units required for the degree.	

Certificate of Performance: Desktop Support Technician I*

Courses:	Units
INWT 100 Survey of Operating Systems	4
INWT 110 Desktop Support Technician I	3

Total Units = 7



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**Certificate of Achievement:
Desktop Support Technician II**

Courses Required for the Major:	Units
INWT 100 Survey of Operating Systems	4
INWT 111 Windows Desktop Professional	3
INWT 120 Network+ Certification Training	4
INWT 140 Security+ Certification Training	3
INWT 145 Linux+ Certification Training	4

Total Units = 18



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Certificate of Achievement: Cybersecurity

Courses Required for the Major:	Units
INWT 101 Introduction to Information Security	3
INWT 111 Windows Desktop Professional	3
INWT 112 Windows Server Professional	3
INWT 120 Network+ Certification Training	4
INWT 140 Security+ Certification Training	3
INWT 145 Linux+ Certification Training	4
INWT 170 Cybersecurity Analyst+ (CSA+) Certification Training	3
INWT 200 Certified Ethical Hacking (CEH) Certification Training	4
INWT 205 CompTIA Advanced Security Practitioner (CASP) Certification Training	4
INWT 210 Introduction to Computer Forensics Investigation	3

Select one course from the following:

INWT 100 Survey of Operating Systems	4
INWT 105 Project+ Certification Training	4
INWT 135 Certified Secure Computer User (CSCU)	3
BUSE 92 Introduction to Business Communication	3

Total Units = 37- 38

Associate of Science Degree: Cybersecurity

Courses Required for the Major:	Units
INWT 101 Introduction to Information Security	3
INWT 111 Windows Desktop Professional	3
INWT 112 Windows Server Professional	3
INWT 120 Network+ Certification Training	4
INWT 140 Security+ Certification Training	3
INWT 145 Linux+ Certification Training	4
INWT 170 Cybersecurity Analyst+ (CSA+) Certification Training	3
INWT 200 Certified Ethical Hacking (CEH) Certification Training	4
INWT 205 CompTIA Advanced Security Practitioner (CASP) Certification Training	4
INWT 210 Introduction to Computer Forensics Investigation	3

Select one course from the following:

INWT 100 Survey of Operating Systems	4
INWT 105 Project+ Certification Training	4
INWT 135 Certified Secure Computer User (CSCU)	3
BUSE 92 Introduction to Business Communication	3

Total Units = 37-38



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The following is **added** to information listed on pages 240-241:

Associate of Arts Degree: Global Development Studies

Courses Required for the Major:	Units
GDEV 101 Introduction to Global Development Studies	3
ANTH 103 Introduction to Cultural Anthropology	3
HIST 101 World History II or	
POLI 140 Contemporary International Politics	3
ECON 120 Principles of Macroeconomics or	
ECON 121 Principles of Microeconomics	3
MATH 119 Elementary Statistics or	
PSYC 258 Behavioral Science Statistics	3
GEOG 102 Cultural Geography	3
SOCO 223 Globalization and Social Change	3
PEAC 101 Introduction to Peace Studies	3

The following groups are recommended electives and will not lead to an individual certificate or emphasis but may meet the required 60 units for the associate degree in global development studies.

Recommended electives for students interested in a political science perspective.

POLI 101 Introduction to Political Science	3
POLI 102 The American Political System	3
POLI 103 Comparative Politics	3
POLI 140 Contemporary International Politics	3
BLAS 135 Introduction to Black Politics	3
LABR 108 Labor and Politics	3

Recommended electives for students interested in a gender perspective.

GEND 101 Introduction to Gender Studies	3
CHIC 170 La Chicana	3
PHIL 125 Philosophy of Women	3
PHIL 126 Introduction to Philosophy of Contemporary Gender Issues	3

Recommended electives for students interested in a historical perspective.

CHIC 141B United States History from a Chicano Perspective	3
CHIC 150 History of Mexico	3
BLAS 145A Introduction to African History	3
BLAS 145B Introduction to African History	3
HIST 115A History of the Americas I	3
HIST 115B History of the Americas II	3
HIST 120 Introduction to Asian Civilizations	3
HIST 121 Asian Civilizations in Modern Times	3

Recommended electives for students interested in sustainability.

SUST 101 Introduction to Sustainability	3
AGRI 100 Principles of Sustainable Agriculture	3
AGRI 102 Sustainable Urban Agricultural Practice	3
PEAC 201 Environmental Sustainability, Justice and Ethics	3

Recommended electives for students interested in an economic perspective.

ECON 290 Independent Study	1 - 3
ECON 296 Individualized Instruction in Economics	0.5 - 2

Recommended electives for students interested in a philosophical perspective.

PHIL 102A Introduction to Philosophy: Reality and Knowledge	3
PHIL 102B Introduction to Philosophy: Values	3
PHIL 104A History Of Western Philosophy	3
PHIL 104B History of Western Philosophy	3
PHIL 105 Contemporary Philosophy	3
PHIL 106 Asian Philosophy	3
PHIL 108 Perspectives on Human Nature and Society	3



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Recommended electives for students interested in an anthropological/cultural perspective.

ANTH 215 Cultures of Latin America	3
COMS 180 Intercultural Communication	3
PSYC 130 Introduction to Community Psychology	3

Recommended electives for students interested in a sociological perspective.

SOCO 110 Contemporary Social Problems	3
SOCO 150 Sociology of Latinos/Latinas	3
BLAS 115 Sociology from a Black Perspective	3

Recommended electives for students interested in peace studies.

PEAC 102 Nonviolence and Conflict Resolution	3
PEAC 201 Environmental Sustainability, Justice and Ethics	3
CRES 101 Conflict Resolution and Mediation	3
CRES 102 Mediation Skills	3

Recommended electives for students interested in geography.

GEOG 104 World Regional Geography	3
GEOG 154 Introduction to Urban Geography	3
GISG 110 Introduction to Mapping and Geographic Information Systems	3

Total Units = 24



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The following is **added** to information listed on pages 246:

Certificate of Achievement: Gerontology

Courses Required for the Major	Units
HUMS 95 Public Assistance and Benefits Program	1
HUMS 101 Introduction to Human Aging	3
HUMS 103 Introduction to Community Health Work	3
HUMS 110 Social Work Fields of Service	3
HUMS 276 Field Work in Gerontological Services	2 - 4
PSYC 111 Psychological/Social Aspects of Aging, Death and Dying	3
PSYC 230 Psychology of Lifespan Development	3

Total Units = 18-20



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The following is **replacing** information listed on page 295:

Certificate of Achievement: Video Production

Courses Required for the Major:	Units
RTVF 118 Television Studio Operations	3
RTVF 124 Single Camera Production	3

Select nine units from the following:

RTVF 115 Radio and Television Management Principles	3
RTVF 125 Advanced Television and Video Production	3
RTVF 126 Art Direction for Film and Television	3
RTVF 128 Lighting for Television and Film	3
RTVF 131 Advanced Radio Performance	4
RTVF 146 The TV News Field Report	3
RTVF 167 Motion Picture Production	3
RTVF 175 Radio and Television Sales	3
RTVF 153 Introduction to Nonlinear Editing	3
or	
RTVF 290 Independent Study	1-3

Total Units = 15

Note: This program is not eligible for federal financial aid in accordance with Federal regulations.



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

Sustainability, Associate of Arts Degree

COURSES REQUIRED FOR THE MAJOR:		UNITS
SUST 101	Introduction to Sustainability	3
BIOL 101	Issues in Environmental Science & Sustainability	4
ECON 121	Principles of Microeconomics	3
GEOG 101	Physical Geography	3
SOCO 223	Globalization and Social Change	3
MATH 115	Gateway to Experimental Statistics	4
or MATH 119	Elementary Statistics	3
or PHIL 101	Symbolic Logic	3
or PSYC 258	Behavioral Science Statistics	3
or BUSE 115	Statistics for Business	3
Total Units		19 – 20*

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



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The following is **replacing** information listed on 342:

110 Anthropology of Magic, Witchcraft, and Religion

3 hours lecture, 3 units

Grade Only

Advisory: English 101 with a grade of "C" or better, or equivalent or Skill Levels/Milestones R6 and W6.

This course is a survey of magic and religion as expressed through rituals, myths, and symbols in cross-cultural perspective. Emphasis is placed on the theoretical and methodological approaches to the study of magic, witchcraft, and religion. This course is intended for students majoring in anthropology and all other interested students. (FT) AA/AS; CSU.