

**2022-2023 Catalog**  
**First Addenda/Errata**  
**August 2022**

**3. American Institutions/California Government**

Students are required to complete the United States History, Constitution and American Ideals before being awarded an associate degree. This requirement may be fulfilled by completing any combination of two classes that, when combined, fulfill areas: US-1, US-2, and US-3. A course may be used to fulfill more than one area.

**A check mark [ ✓ ] indicates course has been approved to meet the requirement for the area.**

<b>Course</b>	<b>Area US-1: Development of American Institutions</b>	<b>Area US-2: US Constitution</b>	<b>Area US-3: California State &amp; Local Governments</b>
^BLAS 140A History of the U.S., Black Perspectives (C,M,MMR)	✓	✓	
^BLAS 140B History of the U.S., Black Perspectives (C,M,MMR)	✓		✓
^CHIC 141A U.S. History from a Chicano Perspective (C,M,MMR)	✓	✓	
^CHIC 141B U.S. History from a Chicano Perspective (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 123 U.S. History from the Asian Pacific American Perspective (C,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 I (M)	✓	✓	
^HIST 151 Native Americans in United States History II (M)	✓		✓
HIST 175 California History (M)			✓
POLI 102 Introduction to American Government (C,M,MMR)		✓	✓
^POLI 121 American Political Development (C,M,MMR)	✓	✓	

Course	Area US-1: Development of American Institutions	Area US-2: US Constitution	Area US-3: California State & Local Governments
<p><b>NOTES:</b></p> <ul style="list-style-type: none"> <li>• <i>Courses designated with a caret (^) may also be used to fulfill the District Multicultural studies requirement.</i></li> <li>• <i>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.</i></li> <li>• <i>Completion of the Advanced Placement examination in U.S. Government &amp; Politics with a score of 3 or higher will satisfy the requirement for Area US-2.</i></li> <li>• <i>Students who have completed the American Institutions requirement except for the California government portion must complete one course approved in Area US-3.</i></li> </ul>			

The following is added to/replaces information listed on pages 113-114:

### 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)	^	ARTF 120	Native American Art (M)
^	AMSL 150	Introduction to Deaf Culture (M)	^	BLAS 104	Black Psychology (C,M,MMR)
^	ANTH 103	Introduction to Cultural Anthropology (C,M,MMR)	^	BLAS 110	African American Art (C,M)
^	ANTH 200	Introduction to North American Indians (M)	^	BLAS 111	Cultural Influences on African Art (M)
^	ANTH 210	Introduction to California Indians (C,M)	^	BLAS 115	Sociology from a Black Perspective (C)
^	ARTF 113	Arts of Africa, Oceania, and the Americas (M,MMR)	^	BLAS 116	Contemporary Social Problems from a Black Perspective (C,M)
^	ARTF 115	African Art (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,MMR)
			^	BLAS 155	African American Literature (C,M,MMR)
			^	CHIC 110A	Introduction to Chicana and Chicano Studies (C,M,MMR)
			^	CHIC 110B	Introduction to Chicano Studies (C,M)
			^	CHIC 135	Chicana/o Literature (C,M,MMR)
			^	<b>CHIC 140</b>	<b>Chicana/o Sociology (C,M)</b>
			^	CHIC 141A	United States History from a Chicano Perspective (C,M,MMR)
			^	CHIC 141B	United States History from a Chicano Perspective (C,M,MMR)
			^	<b>CHIC 155</b>	<b>Introduction to Central American Studies (M)</b>

- ^ 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)
- ^ **ENGL 234 Hip Hop Literature: A Poetry Class (C,M,MMR)**
- ^ FASH 122 Ethnic Costume (M)
- ^ FILI 100 Filipino American Experience (MMR)
- ^ GEND 101 Introduction to Gender Studies (C,MMR)
- ^ 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 I (M)
- ^ HIST 151 Native Americans in United States History II (M)
- ^ INTE 125 History of Furniture and Interiors (M)
- ^ MUSI 109 World Music (C,M,MMR)
- ^ MUSI 217A Gospel Choir I (MMR)
- ^ MUSI 217B Gospel Choir II (MMR)
- ^ MUSI 217C Gospel Choir III (MMR)
- ^ MUSI 217D Gospel Choir IV (MMR)
- ^ NUTR 153 Cultural Foods (C,M)
- ^ PHIL 125 Philosophy of Women (C,M)
- ^ POLI 103 Comparative Politics (C,M,MMR)
- ^ POLI 121 American Political Development (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 207 Introduction to Race and Ethnicity (C,M,MMR)**
- ^ SOCO 223 Globalization and Social Change (C,M,MMR)
- ^ WMNS 101 Introduction to Gender and Women's Studies (M)

**The following is added to/replaces information for the following District GE areas listed on pages 116-122:**

## A. Language and Rationality

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

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### 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:*

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### 2. Communication and Analytical Thinking

- BIOL 200 Biological Statistics (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)
- CISC 246 Discrete Mathematics for Computer Science (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)

HIST 205	Methodology and Practice in History (M)
MATH 57A	Beginning Algebra and Practical Descriptive Statistics (C)
MATH 59	Explorations in Foundations of Math (C)
MATH 85	Practical Career Mathematics (C,M)
MATH 92	Applied Beginning and Intermediate Algebra (C,M,MMR)
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 109	Explorations in Mathematical Analysis (C)
MATH 115	Gateway to Experimental Statistics (C)
MATH 116	College and Matrix Algebra (C,M,MMR)
MATH 118	A Survey of Modern Mathematics (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 210A	Concepts of Elementary School Mathematics I (C,M)
MATH 210B	Concepts of Elementary School Mathematics II (C,M)
MATH 245	Discrete Mathematics (C,M,MMR)
MATH 252	Calculus with Analytic Geometry III (C,M,MMR)
MATH 254	Introduction to Linear Algebra (C,M,MMR)
MATH 255	Differential Equations (C,M,MMR)
PHIL 100	Logic and Critical Thinking (C,M,MMR)
PHIL 101	Symbolic Logic (C,M,MMR)
* PHIL 205	Critical Thinking and Writing in Philosophy (C,M,MMR)

POLI 201	Elementary Statistics for Political Science (C,M)
PSYC 258	Behavioral Science Statistics (C,M,MMR)

*Courses that meet the math competency requirement may also be used to fulfill District General Education Area A2. Communication and Analytical Thinking.*

## B. Natural Sciences

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

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### 1. Life Sciences

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AGRI 107	Introduction to Agricultural Plant Science (C)
ANTH 102	Introduction to Biological Anthropology (C,M,MMR)
ANTH 104	Laboratory in Biological Anthropology (C,M,MMR)
BIOL 100	Natural History - Environmental Biology - Lecture/Laboratory (M,MMR)
BIOL 101	Issues in Environmental Science & Sustainability - Lecture/Laboratory (C)
BIOL 107	General Biology - Lecture/Laboratory (C,M,MMR)
BIOL 110	Introduction to Oceanography (C,M)
BIOL 111	Cancer Biology (C)
BIOL 115	Marine Biology (C,M,MMR)
BIOL 120	The Environment of Man (M)
BIOL 130	Human Heredity (C,M,MMR)
BIOL 131	Introduction to Biotechnology (MMR)
BIOL 135	Biology of Human Nutrition (C,MMR)
BIOL 160	Elements of Human Anatomy & Physiology - Lecture/Laboratory (M,MMR)
BIOL 180	Plants and People (C,M,MMR)
BIOL 205	General Microbiology (C,M,MMR)
BIOL 210A	Introduction to the Biological Sciences I - Lecture/Laboratory (C,M,MMR)
BIOL 210B	Introduction to the Biological Sciences II - Lecture/Laboratory (C,M,MMR)
BIOL 230	Human Anatomy (C,M,MMR)
BIOL 235	Human Physiology (C,M,MMR)
BIOL 250	Introduction to Botany (M)
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)

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## 2. Physical Sciences

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AGRI 125	Introduction to Soil Science (C)
ASTR 101	Descriptive Astronomy (C,M,MMR)
ASTR 102	Exploring The Solar System and Life Beyond The Earth (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 (M,MMR)
CHEM 111	Chemistry in Society (C,M,MMR)
CHEM 111L	Chemistry and Society Laboratory (C,M)
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 160	Introductory Biochemistry (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)
GEOLOG 100	Physical Geology (C,M,MMR)
GEOLOG 101	Physical Geology - Laboratory (C,M,MMR)
GEOLOG 104	Earth Science (C,M,MMR)
GEOLOG 111	The Earth Through Time (C,M,MMR)
GEOLOG 120	Earth Science Laboratory (C,M)
GEOLOG 130	Field Geology of San Diego County (C,M,MMR)
OCEA 101	The Oceans (M,MMR)
PHYN 100	Survey of Physical Science - Lecture (C,M,MMR)
PHYN 101	Survey of Physical Science - Laboratory (C,M)
PHYN 105	Physical Science for Elementary Education (M,MMR)
PHYN 114	Weather and Climate (C,M,MMR)
PHYS 100	Introductory Physics Lecture/ Laboratory (C,M,MMR)
PHYS 125	General Physics (C,M,MMR)
PHYS 126	General Physics II (C,M,MMR)
PHYS 180A	General Physics I (C,M,MMR)
PHYS 180B	General Physics II (C,M,MMR)
PHYS 181A	General Physics Lab I (C,M,MMR)
PHYS 181B	General Physics Lab II (C,M,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 120	American Sign Language Level I (C,M,MMR)
AMSL 121	American Sign Language Level II (C,M,MMR)
AMSL 220	American Sign Language Level III (C,M)
AMSL 221	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)	DFLM 101	Introduction to Film (MMR)
ARTF 100	Art Orientation (C,M,MMR)	DFLM 102	The American Cinema (MMR)
ARTF 106	Art of the United States: Colonial to Modern Period (M)	DRAM 105	Introduction to Dramatic Arts (C,M)
ARTF 107	Contemporary Art (M,MMR)	DRAM 107	Study of Filmed Plays (C)
ARTF 108	Women in Art (M)	DRAM 108	Playwriting (C,M)
ARTF 109	Modern Art (C,M,MMR)	^ DRAM 109	Theatre and Social Issues (C,M)
ARTF 110	Art History: Prehistoric to Gothic (C,M,MMR)	DRAM 111	Chicana/o Theatre (C)
ARTF 111	Art History: Renaissance to Modern (C,M,MMR)	DRAM 136	History of Canonized Theatre - Ancient Greece to the Restoration (C,M)
^ ARTF 113	Arts of Africa, Oceania, and the Americas (M,MMR)	DRAM 137	History of Canonized Western Theatre - Restoration to the Present (C,M)
^ ARTF 115	African Art (C,M)	DRAM 150	Cinema as Art and Communication I (M)
^ ARTF 120	Native American Art (M)	DRAM 151	Cinema as Art and Communication II (M)
ARTF 125	Art History: Arts of the Asian Continent (C,M,MMR)	ENGL 207	The Art of the Sentence (M)
ARTF 130	Pre-Columbian Art (M)	ENGL 208	Introduction to Literature (C,M,MMR)
ARTF 188	Women and Gender in Photography (M)	ENGL 209	Literary Approaches to Film (C,M,MMR)
ARTF 191	Cultural Influences on Photography (M)	ENGL 210	American Literature I (C,M,MMR)
ARTF 194	Critical Photography (M)	ENGL 211	American Literature II (C,M,MMR)
ARTG 118	Graphic Design History (C)	ENGL 215	English Literature I: 800–1799 (C,M,MMR)
^ BLAS 110	African American Art (C,M)	ENGL 216	English Literature II: 1800–Present (C,M,MMR)
^ BLAS 111	Cultural Influences on African Art (M)	ENGL 220	Masterpieces of World Literature I: 1500 BCE–1600 CE (C,M,MMR)
^ BLAS 120	Black Music (C,M)	ENGL 221	Masterpieces of World Literature II: 1600–Present (C,M,MMR)
^ BLAS 150	Black Women in Literature, Film and the Media (C,M,MMR)	^ ENGL 230	Asian American Literature (M,MMR)
^ BLAS 155	African American Literature (C,M,MMR)	^ <b>ENGL 234</b>	<b>Hip Hop Literature: A Poetry Class (C,M,MMR)</b>
CHIC 130	Mexican Literature in Translation (C,M)	ENGL 237	Women in Literature (C,M,MMR)
^ CHIC 135	Chicana/o Literature (C,M,MMR)	ENGL 238	Evaluating Children's Literature (C)
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)
		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)	MUSI 117	Music in the United States (M)
* HIST 106	Introduction to Western Civilization II (C,M,MMR)	MUSI 118	Asian & Pacific Music (M)
^* HIST 120	Introduction to Asian Civilizations (C,M,MMR)	MUSI 119	Music in Latin America & North America (M)
^* HIST 121	Asian Civilizations in Modern Times (C,M,MMR)	MUSI 125	Music, the Arts, and Society (M)
^* HIST 123	U.S. History from the Asian Pacific American Perspective (C,M)	MUSI 126	Rap Music and Hip Hop Culture (M)
* HIST 131	Latin America Before Independence (M)	MUSI 131	Music of California (M)
* HIST 132	Latin America Since Independence (M)	PHIL 102A	Introduction to Philosophy: Reality and Knowledge (C,M,MMR)
HUMA 101	Introduction to the Humanities I (C,M,MMR)	PHIL 102B	Introduction to Philosophy: Values (C,M,MMR)
HUMA 102	Introduction to the Humanities II (C,M,MMR)	PHIL 103	Historical Introduction to Philosophy (M)
HUMA 103	Introduction to the New Testament(C,M)	PHIL 104A	History Of Western Philosophy: Ancient to Medieval (C,M,MMR)
HUMA 104	Introduction to the Old Testament (M)	PHIL 104B	History of Western Philosophy: Modern to Contemporary (C,M)
HUMA 106	World Religions (C,M,MMR)	PHIL 105	Contemporary Philosophy (C,M)
HUMA 118	Eastern Humanities (M)	PHIL 106	Asian Philosophy (C,M)
HUMA 119	Western Humanities (M)	PHIL 107	Reflections on Human Nature (C,M,MMR)
HUMA 201	Mythology (C,M,MMR)	* PHIL 108	Perspectives on Human Nature and Society (C,M)
HUMA 202	Mythology: Hero's Journey (C)	PHIL 110	Philosophy of Religion (M)
HUMA 205	Exploring Human Values Through Film (M)	PHIL 111	Philosophy In Literature and Other Fiction (C,M)
HUMA 210	Women in Religion and Myth (M)	PHIL 112	Philosophy of Science (M)
^ INTE 125	History of Furniture and Interiors (M)	^* PHIL 125	Philosophy of Women (C,M)
ITAL 101	First Course in Italian (C,M)	PHIL 130	Philosophy of Art and Music (C,M)
ITAL 102	Second Course in Italian (C,M)	PHIL 131	Environmental Ethics (C,M)
ITAL 201	Third Course in Italian (C,M)	* PHIL 205	Critical Thinking and Writing in Philosophy (C,M,MMR)
JAPN 101	First Course in Japanese (M)	PHOT 150	History of Photography (C)
JAPN 102	Second Course in Japanese (M)	RTVF 160	Introduction to Cinema (C)
JAPN 201	Third Course in Japanese (M)	RTVF 162	Women in Film (C)
JAPN 202	Fourth Course in Japanese (M)	RUSS 101	First Course in Russian (C,M)
MULT 116	Unity Game Development (M)	RUSS 102	Second Course in Russian (C,M)
MUSI 100	Introduction to Music (C,M,MMR)	RUSS 201	Third Course in Russian (M)
MUSI 101	Music History I: Middle Ages to Mid 18th Century (M)	SPAN 101	First Course in Spanish (C,M,MMR)
MUSI 102	Music History II: Mid 18th to Early 20th Century (M)	SPAN 102	Second Course in Spanish (C,M,MMR)
MUSI 103	History of Rock Music (C,M,MMR)	SPAN 201	Third Course in Spanish (C,M,MMR)
^ MUSI 109	World Music (C,M,MMR)	SPAN 202	Fourth Course in Spanish (C,M,MMR)
MUSI 111	Jazz History (C,M,MMR)	SPAN 215	Spanish for Spanish Speakers I (C,M)
MUSI 114	Music of The Beatles (M)	SPAN 216	Spanish for Spanish Speakers II (C,M)
		SPAN 221	Hispanic Literature for Spanish Speakers (M)

SPAN 222	Hispanic Culture and Civilization for Spanish Speakers (M)
TAGA 101	First Course in Tagalog (MMR)
TAGA 102	Second Course in Tagalog (MMR)
TAGA 201	Third Course in Tagalog (MMR)
VIET 101	First Course in Vietnamese (M)
VIET 102	Second Course in Vietnamese (M)
VIET 201	Third Course in Vietnamese (M)

## D. Social and Behavioral Sciences

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

ADJU 101	Introduction to Administration of Justice (C,MMR)
^ ADJU 106	Diversity and Community Relations (MMR)
ADJU 230	Constitutional Law I (MMR)
AGRI 100	Principles of Sustainable Agriculture (C)
^ AMSL 150	Introduction to Deaf Culture (M)
^ ANTH 103	Introduction to Cultural Anthropology (C,M,MMR)
ANTH 107	Introduction to Archaeology (C,M,MMR)
ANTH 110	Anthropology of Magic, Witchcraft, and Religion (C,M)
ANTH 117	Anthropology of Gender and Sexuality (M)
ANTH 140	Primatology (C,M)
^ ANTH 200	Introduction to North American Indians (M)
ANTH 205	Introduction to Medical Anthropology (M)
^ ANTH 210	Introduction to California Indians (C,M)
ANTH 215	Cultures of Latin America (C,M)
BLAS 100	Introduction to Black Studies (C,M,MMR)
^ BLAS 104	Black Psychology (C,M,MMR)
^ 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,M)
BLAS 165	Sexuality and Black Culture (C,M)
BLAS 175	Psycho-History of Racism and Sexism (M)
BUSE 100	Introduction to Business (C,M,MMR)
BUSE 140	Business Law and the Legal Environment (C,M,MMR)
^ CHIC 110A	Introduction to Chicana and Chicano Studies (C,M,MMR)
^ CHIC 110B	Introduction to Chicano Studies (C,M)
^ <b>CHIC 140</b>	<b>Chicana/o Sociology (C,M)</b>
^ CHIC 141A	United States History from a Chicano Perspective (C,M,MMR)
^ CHIC 141B	United States History from a Chicano Perspective (C,M,MMR)
CHIC 150	History of Mexico (C,M)
^ <b>CHIC 155</b>	<b>Introduction to Central American Studies (M)</b>
CHIC 170	La Chicana (C,M,MMR)
CHIC 201	The Indigenous Tradition of Mexico and Ancient Mesoamerica (C,M)
CHIL 101	Human Growth and Development (C,M,MMR)
CHIL 103	Lifespan Growth and Development (MMR)
^ CHIL 141	The Child, Family and Community (C,M,MMR)
COMS 201	Communication and Community (C,M,MMR)
CRES 101	Conflict Resolution and Mediation (C)
DJRN 100	Mass Media in the Digital Age (C)
ECON 120	Principles of Macroeconomics (C,M,MMR)
ECON 121	Principles of Microeconomics (C,M,MMR)
ECON 220	Economics of the Environment (C,M)
^ ENGL 202	Introduction to Linguistics (C,M)
^ FILI 100	Filipino American Experience (MMR)
^ GEND 101	Introduction to Gender Studies (C,MMR)
^ GEOG 102	Cultural Geography (C,M,MMR)
GEOG 104	World Regional Geography (C,M,MMR)

	GEOG 154	Introduction to Urban Geography (C,M)		POLI 101	Introduction to Political Science (C,M,MMR)
*	HIST 100	World History I (C,M,MMR)		POLI 102	Introduction to American Government (C,M,MMR)
*	HIST 101	World History II (C,M,MMR)		^ POLI 103	Comparative Politics (C,M,MMR)
*	HIST 105	Introduction to Western Civilization I (C,M,MMR)	^	^ POLI 121	American Political Development (C,M,MMR)
*	HIST 106	Introduction to Western Civilization II (C,M,MMR)		POLI 123	Gender and Politics (M)
	HIST 109	History of the United States I (C,M,MMR)		POLI 124	Power and Justice: An Introduction to Political Theory (C,M)
	HIST 110	History of the United States II (C,M,MMR)	^	^ POLI 140	Contemporary International Politics (C,M,MMR)
^	HIST 115A	History of the Americas I (C,M,MMR)		PSYC 101	General Psychology (C,M,MMR)
^	HIST 115B	History of the Americas II (C,M,MMR)		PSYC 111	Psychological /Social Aspects of Aging, Death and Dying (C,M)
^*	HIST 120	Introduction to Asian Civilization (C,M,MMR)		PSYC 121	Introduction to Child Psychology (M)
^*	HIST 121	Asian Civilizations in Modern Times (C,M,MMR)		PSYC 123	Adolescent Psychology (C,MMR)
^*	HIST 123	U.S. History from the Asian Pacific American Perspective (C,M)		PSYC 133	Psychology of Women (M,MMR)
^	HIST 130	The Modern Middle East (M)		PSYC 135	Marriage and Family Relations (C,M,MMR)
*	HIST 131	Latin America Before Independence (M)		PSYC 137	Human Sexual Behavior (C,M,MMR)
*	HIST 132	Latin America Since Independence (M)		PSYC 155	Introduction to Personality (C,M,MMR)
	HIST 135	History of Technology (M)		PSYC 166	Introduction to Social Psychology (C,M,MMR)
	HIST 141	Women in United States History I (M,MMR)		PSYC 211	Learning (C,M,MMR)
	HIST 142	Women in United States History II (M,MMR)		PSYC 230	Psychology of Lifespan Development (C,M,MMR)
^	HIST 150	Native Americans in United States History I (M)		PSYC 245	Abnormal Psychology (C,M,MMR)
^	HIST 151	Native Americans in United States History II (M)		PSYC 283	Introduction to Cognitive Psychology (C,M,MMR)
	HIST 154	Ancient Egypt (M)	^	RTVF 101	Media Law and Ethics (C)
	HIST 175	California History (M)	^	^ SOCO 101	Principles of Sociology (C,M,MMR)
	HUMS 101	Introduction to Human Aging (C)	^	^ SOCO 110	Contemporary Social Problems (C,M,MMR)
	JOUR 202	Introduction to Mass Communication (C,M,MMR)	^	^ SOCO 125	Sociology of the Family (C,M)
^	NUTR 153	Cultural Foods (C,M)	^	SOCO 145	Health and Society (C,M,MMR)
	<b>PADM 110</b>	<b>Introduction to Law and Society (C,M)</b>	^	^ SOCO 150	Sociology of Latinos/Latinas (C,M)
	PADM 200	Introduction to Public Administration (C,MMR)	^	SOCO 201	Advanced Principles of Sociology (C,M,MMR)
	PEAC 101	Introduction to Peace Studies (C)	^	^ <b>SOCO 207</b>	<b>Introduction to Race and Ethnicity (C,M,MMR)</b>
*	PHIL 108	Perspectives on Human Nature and Society (C,M)		SOCO 220	Introduction to Research Methods in Sociology (C,M,MMR)
	PHIL 109	Issues in Social Philosophy (M)	^	^ SOCO 223	Globalization and Social Change (C,M,MMR)
^*	PHIL 125	Philosophy of Women (C,M)		SUST 101	Introduction to Sustainability (C,M,MMR)
	PHIL 126	Introduction to Philosophy of Contemporary Gender Issues (C,M)	^	^ WMNS 101	Introduction to Gender and Women's Studies (M)

## CSU U.S. History, Constitution, and American Ideals Certification Courses

The California State University, before awarding a degree, requires students to complete courses or examinations that address:

1. The historical development of American institutions and ideals (Area US-1), and
2. The Constitution of the United States and the operation of representative democratic government under that Constitution (Area US-2), and
3. The process of California state and local government (Area US-3).

This requirement may be fulfilled at a California Community College prior to transfer by completing a combination of courses that satisfies all three areas of the requirement. The requirement may also be completed at a CSU campus after transfer. Courses approved in two US areas may be used to satisfy both areas.

Although this requirement is not part of the General Education requirements for CSU, all students must complete course work in U.S. History, Constitution and Government before graduation from a CSU campus. The courses may also be used to partially fulfill Area D of the CSU General Education Breadth Requirements.

**A check mark [ ✓ ] indicates course has been approved to meet the area**

**Note: Not required for Certification.**

Course	Area US-1: Development of American Institutions	Area US-2: US Constitution	Area US-3: California State & Local Governments
BLAS 140A History of the U.S., Black Perspectives (C,M,MMR)	✓	✓	
BLAS 140B History of the U.S., Black Perspectives (C,M,MMR)	✓		✓
CHIC 141A U.S. History from a Chicano Perspective (C,M,MMR)	✓	✓	
CHIC 141B U.S. History from a Chicano Perspective (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 123 U.S. History from the Asian Pacific American Perspective (C,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 I (M)	✓	✓	
HIST 151 Native Americans in United States History II (M)	✓		✓
HIST 175 California History (M)			✓
POLI 102 Introduction to American Government (C,M,MMR)		✓	✓
POLI 121 American Political Development (C,M,MMR)	✓	✓	

Course	Area US-1: Development of American Institutions	Area US-2: US Constitution	Area US-3: California State & Local Governments
<p><b>NOTES:</b></p> <ul style="list-style-type: none"> <li>• <b>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.</b></li> <li>• <b>Completion of the Advanced Placement examination in U.S. Government &amp; Politics with a score of 3 or higher will satisfy the requirement for Area US-2.</b></li> <li>• <b>Students who have completed the American Institutions requirement except for the California government portion must complete one course approved in Area US-3.</b></li> </ul>			

The following is added to/replaces information for the following District GE areas listed on pages 134-140:

## 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)  
 HIST 205 Methodology and Practice in History (M)  
 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 2A—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 (M)  
 BUSE 115 Statistics for Business (C,M,MMR)  
 CISC 246 Discrete Mathematics for Computer Science (M,MMR)  
 MATH 115 Gateway to Experimental Statistics (C)

- + 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)
- POLI 201 Elementary Statistics for Political Science (C,M)
- + PSYC 258 Behavioral Science Statistics (C,M,MMR)
- 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)
- 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 & Communication I (M)
- DRAM 151 Cinema as Art & Communication II (M)
- FASH 122 Ethnic Costume (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–Early 20th Century (M)
- MUSI 103 History of Rock Music (C,M,MMR)
- MUSI 109 World Music (C,M,MMR)
- MUSI 111 Jazz History (C,M,MMR)
- MUSI 114 Music of The Beatles (M)
- MUSI 117 Music in the United States (M)
- MUSI 118 Asian & Pacific Music (M)
- MUSI 119 Music in Latin America & North America (M)
- MUSI 125 Music, the Arts, and Society (M)
- MUSI 126 Rap Music and Hip Hop Culture (M)
- MUSI 131 Music of California (M)
- PHOT 150 History of Photography (C)
- RTVF 160 Introduction to Cinema (C)
- RTVF 162 Women in Film (C)

## 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.

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#### 3A: Arts Courses

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- ARTF 100 Art Orientation (C,M,MMR)
- ARTF 106 Art of the United States: Colonial to Modern Period (M)
- 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 188 Women and Gender in Photography (M)
- ARTF 191 Cultural Influences on Photography (M)
- ARTF 194 Critical Photography (M)

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#### 3B: Humanities Courses

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- AMSL 121 American Sign Language Level II (C,M,MMR)
- \* AMSL 150 Introduction to Deaf Culture (M)
- AMSL 220 American Sign Language Level III (C,M)
- AMSL 221 American Sign Language Level IV (C,M)
- ARAB 102 Second Course in Arabic (C)

ARAB 201A	Third Course in Arabic (C)	* HIST 101	World History II (C,M,MMR)
ARCH 126	History of Ancient World Architecture (M)	* HIST 105	Introduction to Western Civilization I (C,M,MMR)
ARCH 127	History of World Architecture: Renaissance Through Contemporary (M)	* HIST 106	Introduction to Western Civilization II (C,M,MMR)
* ARTF 108	Women in Art (M)	* HIST 120	Introduction to Asian Civilizations (C,M,MMR)
* ARTF 188	Women and Gender in Photography (M)	* HIST 121	Asian Civilizations in Modern Times (C,M,MMR)
ARTF 191	Cultural Influences on Photography (M)	* HIST 131	Latin America Before Independence (M)
* BLAS 145A	Introduction to African History (C,M)	* HIST 132	Latin America Since Independence (M)
* BLAS 145B	Introduction to African History (C,M)	HUMA 101	Introduction to the Humanities I (C,M,MMR)
BLAS 150	Black Women in Literature, Film and the Media (C,M,MMR)	HUMA 102	Introduction to the Humanities II (C,M,MMR)
BLAS 155	African American Literature (C,M,MMR)	HUMA 103	Introduction to the New Testament (C,M)
CHIC 130	Mexican Literature in Translation (C,M)	HUMA 104	Introduction to the Old Testament (M)
CHIC 135	Chicana/o Literature (C,M,MMR)	HUMA 106	World Religions (C,M,MMR)
CHIC 138	Literature of La Raza in Latin America in Translation (C,M)	HUMA 118	Eastern Humanities (M)
CHIC 190	Chicano Images in Film (C,M)	HUMA 119	Western Humanities (M)
* CHIC 210	Chicano Culture (C,M)	HUMA 201	Mythology (C,M,MMR)
CHIN 102	Second Course in Mandarin Chinese (M)	HUMA 205	Exploring Human Values through Film (M)
CHIN 201	Third Course Mandarin Chinese (M)	HUMA 210	Women in Religion and Myth (M)
CHIN 202	Fourth Course in Mandarin Chinese (M)	ITAL 102	Second Course in Italian (C,M)
ENGL 208	Introduction to Literature (C,M,MMR)	ITAL 201	Third Course in Italian (C,M)
ENGL 209	Literary Approaches to Film (C,M,MMR)	JAPN 102	Second Course in Japanese (M)
ENGL 210	American Literature I (C,M,MMR)	JAPN 201	Third Course in Japanese (M)
ENGL 211	American Literature II (C,M,MMR)	JAPN 202	Fourth Course in Japanese (M)
ENGL 215	English Literature I: 800–1799 (C,M,MMR)	PHIL 102A	Introduction to Philosophy: Reality & Knowledge (C,M,MMR)
ENGL 216	English Literature II: 1800–Present (C,M,MMR)	PHIL 102B	Introduction to Philosophy: Values (C,M,MMR)
ENGL 220	Masterpieces of World Literature I: 1500 BCE–1600 CE (C,M,MMR)	PHIL 103	Historical Introduction to Philosophy (M)
ENGL 221	Masterpieces of World Literature II: 1600–Present (C,M,MMR)	PHIL 104A	History Of Western Philosophy: Ancient to Medieval (C,M,MMR)
ENGL 230	Asian American Literature (M,MMR)	PHIL 104B	History of Western Philosophy: Modern to Contemporary (C,M)
<b>ENGL 234</b>	<b>Hip Hop Literature: A Poetry Class (C,M,MMR)</b>	PHIL 105	Contemporary Philosophy (C,M)
ENGL 237	Women in Literature (C,M,MMR)	PHIL 106	Asian Philosophy (C,M)
ENGL 240	Shakespeare (C,M)	PHIL 107	Reflections on Human Nature (C,M,MMR)
FREN 102	Second Course in French (C,M)	PHIL 108	Perspectives on Human Nature & Society (C,M)
FREN 201	Third Course in French (C,M)	PHIL 110	Philosophy of Religion (M)
FREN 202	Fourth Course in French (C,M)	PHIL 111	Philosophy In Literature and Other Fiction (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)		

PHIL 112	Philosophy of Science (M)	ANTH 210	Introduction to California Indians (C,M)
PHIL 125	Philosophy of Women (C,M)	ANTH 215	Cultures of Latin America (C,M)
* PHIL 126	Introduction to Philosophy of Contemporary Gender Issues (C,M)	* ARTF 108	Women in Art (M)
PHIL 130	Philosophy of Art and Music (C,M)	BLAS 100	Introduction to Black Studies (C,M, <b>MMR</b> )
PHIL 131	Environmental Ethics (C,M)	+ BLAS 104	Black Psychology (C,M, <b>MMR</b> )
RUSS 102	Second Course in Russian (C,M)	+ BLAS 115	Sociology from a Black Perspective (C)
RUSS 201	Third Course in Russian (M)	BLAS 116	Contemporary Social Problems From a Black Perspective (C,M)
+ SPAN 102	Second Course in Spanish (C,M, <b>MMR</b> )	BLAS 125	Dynamics of the Black Community (M)
+ SPAN 201	Third Course in Spanish (C,M, <b>MMR</b> )	BLAS 130	The Black Family (C,M)
SPAN 202	Fourth Course in Spanish (C,M, <b>MMR</b> )	BLAS 135	Introduction to Black Politics (C)
SPAN 215	Spanish for Spanish Speakers I (C,M)	+ BLAS 140A	History of the U.S., Black Perspectives (C,M, <b>MMR</b> )
SPAN 216	Spanish for Spanish Speakers II (C,M)	+ BLAS 140B	History of the U.S., Black Perspectives (C,M, <b>MMR</b> )
SPAN 221	Hispanic Literature for Spanish Speakers (M)	* BLAS 145A	Introduction to African History (C,M)
SPAN 222	Hispanic Culture and Civilization for Spanish Speakers (M)	* BLAS 145B	Introduction to African History (C,M)
TAGA 102	Second Course in Tagalog ( <b>MMR</b> )	BLAS 175	Psycho-History of Racism and Sexism (M)
TAGA 201	Third Course in Tagalog ( <b>MMR</b> )	CHIC 110A	Introduction to Chicana and Chicano Studies (C,M, <b>MMR</b> )
VIET 102	Second Course in Vietnamese (M)	CHIC 110B	Introduction to Chicano Studies (C,M)
VIET 201	Third Course in Vietnamese (M)		

## Area 4—Social and Behavioral Sciences

### 3 courses, 9 semester/12–15 quarter units

Courses from at least two disciplines or an interdisciplinary sequence.

#### 4: Social and Behavioral Sciences

ADJU 101	Introduction to Administration of Justice (C, <b>MMR</b> )	CHIC 140	<b>Chicana/o Sociology (C,M)</b>
ADJU 230	Constitutional Law I ( <b>MMR</b> )	+ CHIC 141A	United States History From a Chicano Perspective (C,M, <b>MMR</b> )
AGRI 100	Principles of Sustainable Agriculture (C)	+ CHIC 141B	United States History From a Chicano Perspective (C,M, <b>MMR</b> )
* AMSL 150	Introduction to Deaf Culture (M)	CHIC 150	History of Mexico (C,M)
ANTH 103	Introduction to Cultural Anthropology (C,M, <b>MMR</b> )	<b>CHIC 155</b>	<b>Introduction to Central American Studies (M)</b>
ANTH 106	World Prehistory (C,M)	CHIC 170	La Chicana (C,M, <b>MMR</b> )
ANTH 107	Introduction to Archaeology (C,M, <b>MMR</b> )	CHIC 201	The Indigenous Tradition of Mexico and Ancient Mesoamerica (C,M)
ANTH 110	Anthropology of Magic, Witchcraft, and Religion (C,M)	* CHIC 210	Chicano Culture (C,M)
ANTH 117	Anthropology of Gender and Sexuality (M)	+ CHIL 101	Human Growth and Development (C,M, <b>MMR</b> )
ANTH 140	Primatology (C,M)	+ CHIL 103	Lifespan Growth and Development ( <b>MMR</b> )
ANTH 200	Introduction to North American Indians (M)	* COMS 135	Interpersonal Communication (C,M, <b>MMR</b> )
		COMS 201	Communication and Community (C,M, <b>MMR</b> )
		CRES 101	Conflict Resolution and Mediation (C)
		DJRN 100	Mass Media in the Digital Age (C)
		ECON 120	Principles of Macroeconomics (C,M, <b>MMR</b> )
		ECON 121	Principles of Microeconomics (C,M, <b>MMR</b> )

ECON 220	Economics of the Environment (C,M)	PADM 200	Introduction to Public Administration (C,MMR)
ENGL 202	Introduction to Linguistics (C,M)	PEAC 101	Introduction to Peace Studies (C)
FILI 100	Filipino American Experience (MMR)	PHIL 109	Issues in Social Philosophy (M)
GEND 101	Introduction to Gender Studies (C,MMR)	* PHIL 126	Introduction to Philosophy of Contemporary Gender Issues (C,M)
GEOG 102	Cultural Geography (C,M,MMR)	POLI 101	Introduction to Political Science (C,M,MMR)
GEOG 104	World Regional Geography (C,M,MMR)	POLI 102	Introduction to American Government (C,M,MMR)
GEOG 154	Introduction to Urban Geography (C,M)	POLI 103	Comparative Politics (C,M,MMR)
* HEAL 103	Introduction to Public Health (C,M)	POLI 121	American Political Development (C,M,MMR)
HEAL 104	Public Health and Social Justice (M)	POLI 123	Gender and Politics (M)
* HIST 100	World History I (C,M,MMR)	POLI 124	Power and Justice: An Introduction to Political Theory (C,M)
* HIST 101	World History II (C,M,MMR)	POLI 140	Contemporary International Politics (C,M,MMR)
* HIST 105	Introduction to Western Civilization I (C,M,MMR)	+ PSYC 101	General Psychology (C,M,MMR)
* HIST 106	Introduction to Western Civilization II (C,M,MMR)	PSYC 111	Psychological/Social Aspects of Aging, Death and Dying (C,M)
+ HIST 109	History of the United States I (C,M,MMR)	+ PSYC 121	Introduction to Child Psychology (M)
+ HIST 110	History of the United States II (C,M,MMR)	+ PSYC 123	Adolescent Psychology (C,MMR)
HIST 115A	History of the Americas I (C,M,MMR)	PSYC 133	Psychology of Women (M,MMR)
HIST 115B	History of the Americas II (C,M,MMR)	PSYC 135	Marriage and Family Relations (C,M,MMR)
* HIST 120	Introduction to Asian Civilizations (C,M,MMR)	+ PSYC 137	Human Sexual Behavior (C,M,MMR)
* HIST 121	Asian Civilizations in Modern Times (C,M,MMR)	PSYC 155	Introduction to Personality (C,M,MMR)
HIST 123	U.S. History from the Asian Pacific American Perspective (C,M)	PSYC 166	Introduction to Social Psychology (C,M,MMR)
HIST 130	The Modern Middle East (M)	PSYC 211	Learning (C,M,MMR)
* HIST 131	Latin America Before Independence (M)	PSYC 230	Psychology of Lifespan Development (C,M,MMR)
* HIST 132	Latin America Since Independence (M)	PSYC 245	Abnormal Psychology (C,M,MMR)
HIST 135	History of Technology (M)	PSYC 283	Introduction to Cognitive Psychology (C,M,MMR)
+ HIST 141	Women in United States History I (M,MMR)	RTVF 101	Media Law and Ethics (C)
+ HIST 142	Women in United States History II (M,MMR)	+ SOCO 101	Principles of Sociology (C,M,MMR)
+ HIST 150	Native Americans in United States History I (M)	SOCO 110	Contemporary Social Problems (C,M,MMR)
+ HIST 151	Native Americans in United States History II (M)	SOCO 125	Sociology of the Family (C,M)
HIST 154	Ancient Egypt (M)	SOCO 145	Health and Society (C,M,MMR)
HIST 175	California History (M)	SOCO 150	Sociology of Latinos/Latinas (C,M)
JOUR 202	Introduction to Mass Communication (C,M,MMR)	SOCO 201	Advanced Principles of Sociology (C,M,MMR)
LABR 100	American Labor Movement (C)	<b>SOCO 207</b>	<b>Introduction to Race and Ethnicity (C,M,MMR)</b>
NUTR 153	Cultural Foods (C,M,MMR)	SOCO 220	Introduction to Research Methods in Sociology (C,M,MMR)
<b>PADM110</b>	<b>Introduction to Law and Society (C,M)</b>		

SOCO 223	Globalization and Social Change (C,M,MMR)
SPAN 222	Hispanic Culture and Civilization for Spanish Speakers (M)
SUST 101	Introduction to Sustainability (C,M,MMR)
WNNS 101	Introduction to Gender and Women's Studies (M)

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)
<u>GEOL 130</u>	Field Geology of San Diego County (C,M,MMR)
OCEA 101	The Oceans (M,MMR)
+ PHYN 100	Survey of Physical Science (C,M,MMR)
PHYN 105	Physical Science for Elementary Education (M)
PHYN 114	Weather and Climate (C,M,MMR)
+ <u>PHYS 100</u>	Introductory Physics (C,M,MMR)
+ <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,M,MMR)
+ PHYS 180B	General Physics II (C,M,MMR)
+ <u>PHYS 195</u>	Mechanics (C,M,MMR)
+ <u>PHYS 196</u>	Electricity and Magnetism (C,M,MMR)
+ <u>PHYS 197</u>	Waves, Optics and Modern Physics (C,M,MMR)

## 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

<u>AGRI 125</u>	Introduction to Soil Science (C)
ASTR 101	Descriptive Astronomy (C,M,MMR)
ASTR 102	Exploring The Solar System and Life Beyond The Earth (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 (M,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 160	Introductory Biochemistry (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)

### 5B: Biological Science Courses

<u>AGRI 107</u>	Introduction to Agricultural Plant Science (C)
ANTH 102	Introduction to Biological 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)

	BIOL 230	Human Anatomy (C,M,MMR)
	BIOL 235	Human Physiology (C,M,MMR)
+	BIOL 250	Introduction to Botany (M)
	PSYC 260	Introduction to Physiological Psychology (C,M,MMR)

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### 5C: Science Laboratory

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	ANTH 104	Laboratory in Biological Anthropology (C,M,MMR)
+	ASTR 109	Practice in Observing Lab (C,M,MMR)
+	ASTR 111	Astronomy Lab (C,M,MMR)
+	CHEM 100L	Fundamentals of Chemistry Lab (C,M,MMR)
	CHEM 111L	Chemistry in Society Laboratory (C,M)
+	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)
+	PHYS 100	Introductory Physics (C,M,MMR)
+	PHYS 181A	General Physics Lab I (C,M,MMR)
+	PHYS 181B	General Physics Lab II (C,M,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. In a high school where the language of instruction is English, completion of the second level of high school coursework in a language other than English with a letter grade of "C-" or better in the second semester of the second year.

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.

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### 6A: Languages Other Than English

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	AMSL 120	American Sign Language Level I (C,M,MMR)
	AMSL 121	American Sign Language Level II (C,M,MMR)
	AMSL 220	American Sign Language Level III (C,M)
	AMSL 221	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)
	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 (MMR)
TAGA 102	Second Course in Tagalog (MMR)
TAGA 201	Third Course in Tagalog (MMR)
VIET 101	First Course in Vietnamese (M)
VIET 102	Second Course in Vietnamese (M)
VIET 201	Third Course in Vietnamese (M)

**The following is added to/replaces information for the following District GE areas listed on pages 142-149:**

## The CSUGE-Breadth Pattern (Option 2)

The following information is based on the 2022–2023 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)
HIST 205	Methodology and Practice in History (M)
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

<u>AGRI 125</u>	Introduction to Soil Science (C)
ASTR 101	Descriptive Astronomy (C,M,MMR)
ASTR 102	Exploring The Solar System and Life Beyond The Earth (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 (M,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 160	Introductory Biochemistry (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)
<u>GEOL 130</u>	Field Geology of San Diego County (C,M,MMR)
OCEA 101	The Oceans (M,MMR)
PHYN 100	Survey of Physical Science (C,M,MMR)
PHYN 105	Physical Science for Elementary Education (M)
PHYN 114	Weather and Climate (C,M,MMR)
<u>PHYS 100</u>	Introductory Physics (C,M,MMR)
<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,M,MMR)
PHYS 180B	General Physics II (C,M,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)

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## B2: Life Science

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<u>AGRI 107</u>	Introduction to Agricultural Plant Science (C)
ANTH 102	Introduction to Biological 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 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 (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)

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## B3: Laboratory Activity

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ANTH 104	Laboratory in Biological 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)
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)
<u>PHYS 100</u>	Introductory Physics (MMR)
PHYS 181A	General Physics Lab I (C,M,MMR)
PHYS 181B	General Physics Lab II (C,M,MMR)

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

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

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

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### B4: Mathematics/Quantitative Reasoning

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BIOL 200	Biological Statistics (M)
BUSE 101	Business Mathematics (C,M,MMR)
BUSE 115	Statistics for Business (C,M,MMR)
CISC 246	Discrete Mathematics for Computer Science (M,MMR)
HEIT 256	Statistics for Healthcare (M)
MATH 104	Trigonometry (C,M,MMR)
MATH 107	Introduction to Scientific Programming (C)
MATH 107L	Introduction to Scientific Programming Laboratory (C)
MATH 109	Explorations in Mathematical Analysis (C)
MATH 115	Gateway to Experimental Statistics (C)
MATH 116	College and Matrix Algebra (C,M,MMR)
MATH 118	A Survey of Modern Mathematics (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 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)
POLI 201	Elementary Statistics for Political Science (C,M)

ARTF 100	Art Orientation (C,M,MMR)
ARTF 106	Art of the United States: Colonial to Modern Period (M)
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 188	Women and Gender in Photography (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)	ARTF 191	Cultural Influences on Photography (M)
DRAM 151	Cinema as Art and Communication II (M)	* BLAS 145A	Introduction to African History (C,M)
FASH 120	Fashion History and Trends (M)	* BLAS 145B	Introduction to African History (C,M)
FASH 122	Ethnic Costume (M)	BLAS 150	Black Women in Literature, Film and the Media (C,M,MMR)
INTE 125	History of Furniture and Interiors (M)	BLAS 155	African American Literature (C,M,MMR)
MUSI 100	Introduction to Music (C,M,MMR)	CHIC 130	Mexican Literature in Translation (C,M)
MUSI 101	Music History I: Middle Ages to Mid 18th Century (M)	CHIC 135	Chicana/o Literature (C,M,MMR)
MUSI 102	Music History II: Mid 18th to Early 20th Century (M)	CHIC 138	Literature of La Raza in Latin America in Translation (C,M)
MUSI 103	History of Rock Music (C,M,MMR)	CHIC 190	Chicano Images in Film (C,M)
MUSI 109	World Music (C,M,MMR)	CHIC 210	Chicano Culture (C,M)
MUSI 111	Jazz History (C,M,MMR)	CHIN 101	First Course in Mandarin Chinese (M)
MUSI 114	Music of The Beatles (M)	CHIN 102	Second Course in Mandarin Chinese (M)
MUSI 117	Music in the United States (M)	CHIN 201	Third Course in Mandarin Chinese (M)
MUSI 118	Asian & Pacific Music (M)	CHIN 202	Fourth Course in Mandarin Chinese (M)
MUSI 119	Music in Latin America & North America (M)	ENGL 208	Introduction to Literature (C,M,MMR)
MUSI 125	Music, the Arts, and Society (M)	ENGL 209	Literary Approaches to Film (C,M,MMR)
MUSI 126	Rap Music and Hip Hop Culture (M)	ENGL 210	American Literature I (C,M,MMR)
MUSI 131	Music of California (M)	ENGL 211	American Literature II (C,M,MMR)
PHOT 150	History of Photography (C)	ENGL 215	English Literature I: 800–1799 (C,M,MMR)
RTVF 160	Introduction to Cinema (C)	ENGL 216	English Literature II: 1800–Present (C,M,MMR)
RTVF 162	Women in Film (C)	ENGL 220	Masterpieces of World Literature I: 1500 BCE–1600 CE (C,M,MMR)

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

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AMSL 120	American Sign Language Level I (C,M,MMR)	ENGL 221	Masterpieces of World Literature II: 1600–Present (C,M,MMR)
AMSL 121	American Sign Language Level II (C,M,MMR)	ENGL 230	Asian American Literature (M,MMR)
* AMSL 150	Introduction to Deaf Culture (M)	<b>ENGL 234</b>	<b>Hip Hop Literature: A Poetry Class (C,M,MMR)</b>
AMSL 220	American Sign Language Level III (C,M)	ENGL 237	Women in Literature (C,M,MMR)
AMSL 221	American Sign Language Level IV (C,M)	ENGL 238	Evaluating Children's Literature (C)
ARAB 101	First Course in Arabic (C)	ENGL 240	Shakespeare (C,M)
ARAB 102	Second Course in Arabic (C)	FREN 101	First Course in French (C,M)
ARAB 201A	Third Course in Arabic (C)	FREN 102	Second Course in French (C,M)
ARCH 126	History of Ancient World Architecture (M)	FREN 201	Third Course in French (C,M)
ARCH 127	History of World Architecture: Renaissance Through Contemporary (M)	FREN 202	Fourth Course in French (C,M)
ARTF 108	Women in Art (M)	GERM 101	First Course in German (C,M)
* ARTF 188	Women and Gender in Photography (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)	PHIL 108	Perspectives on Human Nature and Society (C,M)
* HIST 106	Introduction to Western Civilization II (C,M,MMR)	PHIL 110	Philosophy of Religion (M)
* HIST 120	Introduction to Asian Civilizations (C,M,MMR)	PHIL 111	Philosophy In Literature and Other Fiction (C,M)
* HIST 121	Asian Civilizations in Modern Times (C,M,MMR)	PHIL 112	Philosophy of Science (M)
* HIST 131	Latin America Before Independence (M)	PHIL 125	Philosophy of Women (C,M)
* HIST 132	Latin America Since Independence (M)	* PHIL 126	Introduction to Philosophy of Contemporary Gender Issues (C,M)
* HIST 154	Ancient Egypt (M)	PHIL 130	Philosophy of Art and Music (C,M)
* HUMA 101	Introduction to the Humanities I (C,M,MMR)	PHIL 131	Environmental Ethics (C,M)
HUMA 102	Introduction to the Humanities II (C,M,MMR)	RUSS 101	First Course in Russian (C,M)
HUMA 103	Introduction to the New Testament (C,M)	RUSS 102	Second Course in Russian (C,M)
HUMA 104	Introduction to the Old Testament (M)	RUSS 201	Third Course in Russian (M)
HUMA 106	World Religions (C,M,MMR)	SPAN 101	First Course in Spanish (C,M,MMR)
HUMA 118	Eastern Humanities (M)	SPAN 102	Second Course in Spanish (C,M,MMR)
HUMA 119	Western Humanities (M)	SPAN 201	Third Course in Spanish (C,M,MMR)
HUMA 201	Mythology (C,M,MMR)	SPAN 202	Fourth Course in Spanish (C,M,MMR)
HUMA 202	Mythology: Hero's Journey (C)	SPAN 215	Spanish for Spanish Speakers I (C,M)
HUMA 205	Exploring Human Values through Film (M)	SPAN 216	Spanish for Spanish Speakers II (C,M)
HUMA 210	Women in Religion and Myth (M)	SPAN 221	Hispanic Literature for Spanish Speakers (M)
ITAL 101	First Course in Italian (C,M)	SPAN 222	Hispanic Culture and Civilization for Spanish Speakers (M)
ITAL 102	Second Course in Italian (C,M)	TAGA 101	First Course in Tagalog (MMR)
ITAL 201	Third Course in Italian (C,M)	TAGA 102	Second Course in Tagalog (MMR)
JAPN 101	First Course in Japanese (M)	TAGA 201	Third Course in Tagalog (MMR)
JAPN 102	Second Course in Japanese (M)	VIET 101	First Course in Vietnamese (M)
JAPN 201	Third Course in Japanese (M)	VIET 102	Second Course in Vietnamese (M)
JAPN 202	Fourth Course in Japanese (M)	VIET 201	Third Course in Vietnamese (M)
PHIL 102A	Introduction to Philosophy: Reality and Knowledge (C,M,MMR)		
PHIL 102B	Introduction to Philosophy: Values (C,M,MMR)		
* PHIL 103	Historical Introduction to Philosophy (M)		
PHIL 104A	History Of Western Philosophy: Ancient to Medieval (C,M,MMR)		
PHIL 104B	History of Western Philosophy: Modern to Contemporary (C,M)		
PHIL 105	Contemporary Philosophy (C,M)		
PHIL 106	Asian Philosophy (C,M)		
PHIL 107	Reflections on Human Nature (C,M,MMR)		

## Area D. Social Sciences:

*Six Semester units (8 quarter units).*

ADJU 101	Introduction to Administration of Justice (C,MMR)
ADJU 106	Diversity and Community Relations (MMR)
ADJU 230	Constitutional Law I (MMR)
AGRI 100	Principles of Sustainable Agriculture (C)
* AMSL 150	Introduction to Deaf Culture (M)
ANTH 103	Introduction to Cultural Anthropology (C,M,MMR)
ANTH 106	World Prehistory (C,M)

ANTH 107	Introduction to Archaeology (C,M,MMR)	CHIL 141	The Child, Family and Community (C,M,MMR)
ANTH 110	Anthropology of Magic, Witchcraft, and Religion (C,M)	* COMS 135	Interpersonal Communication (C,M,MMR)
ANTH 117	Anthropology of Gender and Sexuality (M)	COMS 201	Communication and Community (C,M,MMR)
ANTH 140	Primatology (C,M)	CRES 101	Conflict Resolution and Mediation (C)
ANTH 200	Introduction to North American Indians (M)	DJRN 100	Mass Media in the Digital Age (C)
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 (C,M)
ARTF 108	Women in Art (M)	ENGL 202	Introduction to Linguistics (C,M)
BLAS 100	Introduction to Black Studies (C,M,MMR)	* FILI 100	Filipino American Experience (MMR)
BLAS 104	Black Psychology (C,M,MMR)	GDEV 101	Introduction to Global Development Studies (C)
BLAS 115	Sociology from a Black Perspective (C)	GEND 101	Introduction to Gender Studies (C,MMR)
BLAS 116	Contemporary Social Problems from a Black Perspective (C,M)	GEOG 102	Cultural Geography (C,M,MMR)
BLAS 125	Dynamics of the Black Community (M)	GEOG 104	World Regional Geography (C,M,MMR)
BLAS 130	The Black Family (C,M)	GEOG 154	Introduction to Urban Geography (C,M)
BLAS 135	Introduction to Black Politics (C)	* HEAL 103	Introduction to Public Health (C,M)
BLAS 140A	History of the U.S., Black Perspectives (C,M,MMR)	HEAL 104	Public Health and Social Justice (M)
BLAS 140B	History of the U.S., Black Perspectives (C,M,MMR)	* HIST 100	World History I (C,M,MMR)
* BLAS 145A	Introduction to African History (C,M)	* HIST 101	World History II (C,M,MMR)
* BLAS 145B	Introduction to African History (C,M)	* HIST 105	Introduction to Western Civilization I (C,M,MMR)
BLAS 175	Psycho-History of Racism and Sexism (M)	* HIST 106	Introduction to Western Civilization II (C,M,MMR)
* CHIC 110A	Introduction to Chicana and Chicano Studies (C,M,MMR)	HIST 109	History of the United States I (C,M,MMR)
* CHIC 110B	Introduction to Chicano Studies (C,M)	HIST 110	History of the United States II (C,M,MMR)
<b>CHIC 140</b>	<b>Chicana/o Sociology (C,M)</b>	HIST 115A	History of the Americas I (C,M,MMR)
CHIC 141A	United States History from a Chicano Perspective (C,M,MMR)	HIST 115B	History of the Americas II (C,M,MMR)
CHIC 141B	United States History from a Chicano Perspective (C,M,MMR)	* HIST 120	Introduction to Asian Civilizations (C,M,MMR)
CHIC 150	History of Mexico (C,M)	* HIST 121	Asian Civilizations in Modern Times (C,M,MMR)
<b>CHIC 155</b>	<b>Introduction to Central American Studies (M)</b>	HIST 123	U.S. History from the Asian Pacific American Perspective (C,M)
CHIC 170	La Chicana (C,M,MMR)	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 (MMR)	HIST 135	History of Technology (M)



	EXSC 125D	Aerobic Dance IV (C,M,MMR)
	EXSC 126A	Cardio Conditioning I (C,M,MMR)
	EXSC 126B	Cardio Conditioning II (C,M,MMR)
	EXSC 126C	Cardio Conditioning III (C,M,MMR)
	EXSC 126D	Cardio Conditioning IV (C,M,MMR)
	EXSC 134	Adapted Weight Training (C,M,MMR)
	EXSC 135A	Individual Conditioning I (C,M,MMR)
	EXSC 135B	Individual Conditioning II (C,M,MMR)
	EXSC 135C	Individual Conditioning III (C,M,MMR)
	EXSC 135D	Individual Conditioning IV (C,M,MMR)
	EXSC 145A	Yoga I - Fundamentals of Yoga (C,M,MMR)
	EXSC 145B	Yoga II - Beginning Yoga (C,M,MMR)
	EXSC 145C	Yoga III - Intermediate (C,M,MMR)
	EXSC 145D	Yoga IV - Advanced Level (C,M,MMR)
	EXSC 294	Health and Wellness Coaching (C)
	HEAL 101	Health and Life Style (C,M,MMR)
*	HEAL 103	Introduction to Public Health (C, M)
	HEAL 104	Public Health and Social Justice (M)
	HEAL 107	Lifestyle Medicine for Health and Wellness (M)
*	HUMS 101	Introduction to Human Aging (C)
	NUTR 150	Nutrition (C,M,MMR)
*	NUTR 153	Cultural Foods (C,M,MMR)
	PERG 120	College Success and Lifelong Learning (C,M,MMR)
	PERG 130	Career - Life Planning (C,M,MMR)
	PERG 140	Life Skills and Personal Adjustment (C,M,MMR)
	PERG 160	Stress Management & Well-Being in the Modern World (C,M,MMR)
*	PSYC 111	Psychological/Social Aspects of Aging, Death and Dying (C,M)
	PSYC 112	Interpersonal Relations (M)
*	PSYC 135	Marriage and Family Relations (C,M,MMR)
*	PSYC 137	Human Sexual Behavior (C,M,MMR)
*	PSYC 230	Psychology of Lifespan Development (C,M,MMR)
*	SOCO 145	Health and Society (C,M,MMR)

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

## Area F. Ethnic Studies

### Three Semester Units (4 quarter units).

*	CHIC 110A	Introduction to Chicana and Chicano Studies (C,M,MMR)
*	CHIC 110B	Introduction to Chicana and Chicano Studies (C,M)
*	FILI 100	Filipino American Experience (MMR)

The following is added to/replaces information for page 148-149:

### Certificate of Achievement: Administration of Justice- Correctional Technologies

Courses Required for the Major:	Units
ADJU 101 Introduction to Administration of Justice	3
ADJU 102 Criminal Law I	3
ADJU 161 Juvenile Procedures	3
ADJU 162 Criminal Investigation	3
ADJU 167 Report Writing	3
ADJU 201 Criminal Procedure	3
ADJU 323A S.T.C. Certified Corrections Officer Core Course	11.5
<b>Total Units = 29.5</b>	

### Associate of Science Degree: Administration of Justice Correctional Technologies

Courses Required for the Major:	Units
ADJU 101 Introduction to Administration of Justice	3
ADJU 102 Criminal Law I	3
ADJU 161 Juvenile Procedures	3
ADJU 162 Criminal Investigation	3
ADJU 167 Report Writing	3
ADJU 201 Criminal Procedure	3
ADJU 323A S.T.C. Certified Corrections Officer Core Course	11.5
<b>Total Units = 29.5</b>	

### Certificate of Achievement: Administration of Justice- Investigations Specialization

Courses Required for the Major:	Units
ADJU 101 Introduction to Administration of Justice	3
ADJU 102 Criminal Law I	3
ADJU 106 Diversity and Community Relations	3
ADJU 160 Criminal Law II	3
ADJU 161 Juvenile Procedures	3
ADJU 162 Criminal Investigation	3
ADJU 167 Report Writing	3
ADJU 201 Criminal Procedure	3
ADJU 210 Rules of Evidence	3
ADJU 220 Law Enforcement Forensics	3

Select 3 units from the following:

ADJU 180 Drug Abuse and Law Enforcement	3
ADJU 182 Street Gangs and Law Enforcement	3
ADJU 230 Constitutional Law I	3

**Total Units = 33**

### Associate of Science Degree: Administration of Justice- Investigations Specialization

Courses Required for the Major:	Units
ADJU 101 Introduction to Administration of Justice	3
ADJU 102 Criminal Law I	3
ADJU 106 Diversity and Community Relations	3
ADJU 160 Criminal Law II	3
ADJU 161 Juvenile Procedures	3
ADJU 162 Criminal Investigation	3
ADJU 167 Report Writing	3
ADJU 201 Criminal Procedure	3
ADJU 210 Rules of Evidence	3
ADJU 220 Law Enforcement Forensics	3

Select 3 units from the following:

ADJU 180 Drug Abuse and Law Enforcement	3
ADJU 182 Street Gangs and Law Enforcement	3
ADJU 230 Constitutional Law I	3

**Total Units = 33**

The following is added to/replaces information for page 225-227:

### Associate of Science Degree: Occupational/Technical Studies

The Associate of Science degree with an area of emphasis in Occupational/Technical Studies is intended for students who plan to complete a bachelor's degree at a transfer institution in an occupational- or technical-related major. Common university majors in this field include: Aviation and Aerospace Engineering, Aviation Management, Criminal Justice / Justice Studies, Fire Protection Administration, Industrial Technology, Manufacturing Technology, and Vocational Education.

This degree is designed to accommodate the differing requirements of a wide variety of transfer institutions and major options. Because admission and major preparation requirements vary at each transfer institution, courses used to complete this degree should be selected with the assistance of a Miramar College counselor.

**Courses Required for the Major: Units****Select at least one course from the following occupational courses:**

ACCT 120	Federal Income Tax	3
ACCT 150	Computer Accounting Applications	3
ADJU 101	Introduction to Administration of Justice	3
ADJU 102	Criminal Law I	3
ADJU 106	Diversity and Community Relations	3
ADJU 160	Criminal Law II	3
ADJU 161	Juvenile Procedures	3
ADJU 162	Criminal Investigation	3
ADJU 167	Report Writing	3
ADJU 201	Criminal Procedure	3
ADJU 210	Rules of Evidence	3
BANK 100	Introduction to Financial Services	3
BANK 102	Mortgage Brokerage and Banking	4
BANK 103	Introduction to Investments	3
BUSE 100	Introduction to Business	3
BUSE 101	Business Mathematics	3
BUSE 119	Business Communications	3
BUSE 120	Principles of Money Management	3
BUSE 129	Introduction to Entrepreneurship	3
BUSE 150	Human Relations in Business	3
BUSE 155	Managing the Small Business	3
BUSE 157	Developing a Plan for the Small Business	3
BUSE 201	Business Organization and Management	3
MARK 100	Principles of Marketing	3
PADM 200	Introduction to Public Administration	3
PARA 100	Legal Procedures	3
PARA 105	Legal Research	3
PARA 110	Legal Writing & Communications	3
PARA 115	Civil Litigation - Procedures	3
PARA 120	Tort Law	3
PARA 180	Contract Law	3
PERG 130	Career - Life Planning	3
REAL 101	Real Estate Principles	3
REAL 115	Real Estate Finance	3

**Select at least one course and the remainder of units needed to meet the minimum of 18 from the following technical courses:**

AVIA 101	Private Pilot Ground School	3
AVIA 105	Introduction to Aviation and Aerospace	3
AVIA 125	Aviation and Airport Management	3
AVIA 128	Group Dynamics for High Risk Teams	3
AVIA 133	Human Factors in Aviation	3
AVIA 151	Helicopter Ground School	3
AVIA 161	Remote Pilot Ground School	3
AVIA 228	Group Dynamics II	3

AVIM 101G	General Aviation Technology Theory I	6
AVIM 101H	General Aviation Technology Theory II	6
AVIM 102G	General Aviation Maintenance Technology Practices I	2
AVIM 102H	General Aviation Maintenance Technology Practices II	2
AVIM 103B	Aircraft Welding and Sheet Metal Structures	3
AVIM 103D	Aircraft Landing Gear Systems	3
AVIM 104B	Applied Aircraft Welding and Sheet Metal Structures	1.5
AVIM 104D	Applied Aircraft Landing Gear Systems	1
AVIM 105A	Aircraft Cabin Atmosphere Control	1.5
AVIM 106A	Aircraft Cabin Atmosphere Control	0.5
AVIM 109A	Airframe Electrical Systems	3
AVIM 109B	Powerplant Ignition Systems	2
AVIM 110A	Applied Airframe Electrical Systems	1
AVIM 107B	Turbine Engines	3
AVIM 108B	Applied Turbine Engines	1
AVIM 109D	Aircraft Fire Protection and Digital Logic	1
AVIM 111C	Reciprocating Engines I	3
AVIM 111D	Reciprocating Engines II	3
AVIM 112C	Applied Reciprocating Engines I	2
AVIM 112D	Applied Reciprocating Engines II	1
AVIM 120	Basic D.C. Electronics Theory	3
AVIM 121A	Applied Basic D.C. Electronics	1.5
AVIM 249	Induction and Fuel Metering	3
BIOL 131	Introduction to Biotechnology	4
BIOL 132	Applied Biotechnology I	4
BIOL 133	Applied Biotechnology II	4
BIOL 134	Introduction to the Biotechnology Lab	1
CBTE 114	Introduction to Microsoft Windows	1
CBTE 120	Beginning Microsoft Word	2
CBTE 122	Intermediate Microsoft Word	3
CBTE 127	Beginning Microsoft PowerPoint	2
CBTE 140	Beginning Microsoft Excel	2
CBTE 143	Intermediate Microsoft Excel	3
CBTE 152	Beginning Microsoft Access	2
CBTE 180	Microsoft Office	3
DIES 100	Introduction to Diesel Technology	2
DIES 121	Diesel Engines A	7
<b>or</b>		
DIES 122	Diesel Engines B	7
<b>or</b>		
DIES 124	Diesel Engines D	7
DIES 135	Applied Failure Analysis	3
DIES 144	Electronics for Diesel Technology	3
DIES 160	Heavy Duty Manual Transmissions	3
DIES 170	Truck Drive Axles and Specifications	3
EMGM 105A	Emergency Medical Technician - National Registry	7

EMGM 106	Perilaryngeal Airway Adjuncts/ Defibrillation Training	0.5
FIPT 101	Fire Protection Organization	3
FIPT 102	Fire Prevention Technology	3
FIPT 103	Fire Protection Equipment and Systems	3
FIPT 104	Building Construction for Fire Protection	3
FIPT 105	Fire Behavior and Combustion	3
FIPT 107	Fire Fighting Tactics and Strategy	3
FIPT 109	Fire Service Hydraulics	3
FIPT 110A	Wildland Fire Control	2
FIPT 150A	Introduction to Fire Suppression and Maintenance Manipulative Tasks- (Beginning)	1.5
LFGD 101	Introduction to Open Water Lifeguarding	3
MLTT 201	Clinical Chemistry and Urinalysis	4
MLTT 202	Clinical Hematology and Immunology	4
MLTT 203	Clinical Microbiology	4
<b>MLTT 210</b>	<b>Clinical Chemistry and Laboratory Operations</b>	<b>4</b>
<b>MLTT 211</b>	<b>Clinical Hematology Urinalysis And Body Fluids</b>	<b>4</b>
<b>MLTT 212</b>	<b>Clinical Microbiology</b>	<b>4</b>
<b>MLTT 213</b>	<b>Blood Bank and Immunology</b>	<b>4</b>
<b>Total Units = 18</b>		

The following is added to/replaces information for page 175-176:

## Certificate of Achievement: Business Management

Courses Required for the Major:	Units	
BUSE 101 <sup>1</sup>	Introduction to Business	3
<b>BUSE 100<sup>1</sup></b>	<b>Introduction to Business</b>	<b>3</b>
BUSE 119	Business Communications	3
BUSE 150	Human Relations in Business	3
<b>or</b>		
BUSE 102	Introduction to Customer Service	3
BUSE 201	Business Organization and Management	3
CBTE 180	Microsoft Office	3
<b>or</b>		
CBTE 210	Computers in Business	3
<b>or</b>		
CISC 181	Principles of Information Systems	4

<sup>1</sup>BUSE 100 is recommended as a first semester course.

**Complete at least six (6) units from the following business/business-related courses (not selected above):**

BUSE 102	Introduction to Customer Service	3
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BUSE 129	Introduction to Entrepreneurship	3
BUSE 140	Business Law and the Legal Environment	3
BUSE 150	Human Relations in Business	3
BUSE 155	Managing the Small Business	3
ACCT 116A	Financial Accounting	4
ACCT 116B	Managerial Accounting	4
CBTE 210	Computers in Business	3
CISC 181	Principles of Information Systems	4
ECON 121	Principles of Microeconomics	3
MARK 100	Principles of Marketing	3
PADM 200	Introduction to Public Administration	3

**Complete at least one of the following mathematics courses:**

BUSE 101	Business Mathematics	3
BUSE 115	Statistics for Business	3
MATH 119	Elementary Statistics	3
MATH 121	Basic Techniques of Applied Calculus I	3
PSYC 258	Behavioral Science Statistics	3

**Complete at least three (3) units from the following occupational courses (not selected above):**

BUSE 120	Principles of Money Management	3
BUSE 270	Business Internship / Work Experience	1-4
ACCT 102	Basic Accounting	3
ACCT 150	Computer Accounting Applications	3
CBTE 120	Beginning Microsoft Word	2
CBTE 122	Intermediate Microsoft Word	3
CBTE 127	Beginning Microsoft PowerPoint	2
CBTE 140	Beginning Microsoft Excel	2
CBTE 143	Intermediate Microsoft Excel	3
CBTE 152	Beginning Microsoft Access	2
CBTE 180	Microsoft Office	3
LIBS 101	Information Literacy and Research Skills	1

**Total Units = 27-28**

The following is added to/replaces information for page 230:

## Certificate of Achievement: Medical Laboratory Technology

National certification agency requires the completion of an accredited Medical Laboratory Technology program certificate and an Associate of Science to be eligible for the MLT examination.

Courses Required for the Major:	Units	
MLTT 201	Clinical Chemistry and Urinalysis	4
MLTT 202	Clinical Hematology and Immunology	4
MLTT 203	Clinical Microbiology	4

MLTT 204	Principles of Blood Banking	2
<b>MLTT 210</b>	<b>Clinical Chemistry and Laboratory Operations</b>	<b>4</b>
<b>MLTT 211</b>	<b>Clinical Hematology Urinalysis and Body Fluids</b>	<b>4</b>
<b>MLTT 212</b>	<b>Clinical Microbiology</b>	<b>4</b>
<b>MLTT 213</b>	<b>Blood Bank and Immunology</b>	<b>4</b>
MLTT 61	Directed Clinical Practice in Clinical Chemistry	3
MLTT 62	Directed Clinical Practice in Clinical Hematology, Urinalysis and Coagulation	3
MLTT 63	Directed Clinical Practice in Clinical Immunology and Immunochemistry	3
MLTT 64	Directed Clinical Practice in Clinical Microbiology	3
<b>Total Units = 2628</b>		

**Note:** Students are required to complete a series of biology and chemistry prerequisites prior to enrolling in Medical Laboratory Technology Training courses. Please consult the catalog and counselors for more information.

## Associate of Science: Medical Laboratory Technology

National certification agency requires the completion of an accredited Medical Laboratory Technology program certificate and an Associate of Science to be eligible for the MLT examination.

<b>Courses Required for the Major:</b>	<b>Units</b>	
MLTT 201	Clinical Chemistry and Urinalysis	4
MLTT 202	Clinical Hematology and Immunology	4
MLTT 203	Clinical Microbiology	4
MLTT 204	Principles of Blood Banking	2
<b>MLTT 210</b>	<b>Clinical Chemistry and Laboratory Operations</b>	<b>4</b>
<b>MLTT 211</b>	<b>Clinical Hematology Urinalysis and Body Fluids</b>	<b>4</b>
<b>MLTT 212</b>	<b>Clinical Microbiology</b>	<b>4</b>
<b>MLTT 213</b>	<b>Blood Bank and Immunology</b>	<b>4</b>
MLTT 61	Directed Clinical Practice in Clinical Chemistry	3
MLTT 62	Directed Clinical Practice in Clinical Hematology, Urinalysis and Coagulation	3
MLTT 63	Directed Clinical Practice in Clinical Immunology and Immunochemistry	3

MLTT 64	Directed Clinical Practice in Clinical Microbiology	3
<b>Total Units = 26 28</b>		

Students are required to complete a series of biology and chemistry prerequisites prior to enrolling in Medical Laboratory Technology Training courses. Please consult the catalog and counselors for more information. Students will need to complete a CA CPT-1 (phlebotomy license) or equivalent in order to sit for state/national licensure exams.

## CTE (Career Technical Education) Transitions Credit by Examination Active Agreements

### High School to San Diego Miramar College

For the most up-to-date listing of active agreements and student requirements, please go online at:

<https://bit.ly/2UPkEUG>

San Diego Miramar College Program Area	San Diego Miramar College Course	San Diego Miramar College Units	High School Course (District)
<b>Biotechnology</b>	BIOL 131	4	Biomedical Technology 1, 2 or Medical Interventions 1, 2 (Poway Unified School District)  Biotechnology 1, 2 or Medical Interventions 1, 2 (SDUSD)  Biotechnology 1C, 2C (Helix Charter High School)  Biotechnology 1, 2 or Biotechnology Honors 1, 2 (Sweetwater Union High School District)  Medical Interventions (Escondido Union High School District)  PLTW Medical Interventions (Torah High School of San Diego)  PLTW Medical Interventions (Vista Unified School District)  PLTW Medical Interventions (School for Entrepreneurship & Technology)  PLTW Medical Interventions (Carlsbad Unified School District)
<b>Business</b>	BUSE 100	3	Business 100 1,2 (SDUSD)
<b>Business</b>	BUSE 129	3	Empowering Entrepreneurs 1,2 or  Empowering Entrepreneurs 1,2 Honors (SDUSD)

## CTE (Career Technical Education) Transitions Credit by Examination Active Agreements

### High School to San Diego Miramar College

For the most up-to-date listing of active agreements and student requirements, please go online at:  
<https://bit.ly/2UPkEUG>

<b>San Diego Miramar College Program Area</b>	<b>San Diego Miramar College Course</b>	<b>San Diego Miramar College Units</b>	<b>High School Course (District)</b>
<b>Child Development</b>	CHIL 160	2	Developmental Psychology of Children 1-2 or Developmental Psychology of Children 1, 2 (SDUSD)
<b>Child Development</b>	CHIL 161	2	Developmental Psychology of Children 3-4 or Developmental Psychology of Children 3, 4 (SDUSD)
<b>Fire Protection Technology</b>	FIPT 101	3	Fire Protection Technology 3, 4
<b>Paralegal</b>	PARA 100	3	Intro to Law or Foundations of Legal Practices 1,2 (SDUSD)
<b>Systems Diagnostics, Service and Repair</b>	AUTO 153G	3	Understanding My Ride and STEM Auto Technology or Introduction to Auto Body AND Auto Body Repair Finishing (SDUSD)



























