

SAN BERNARDINO COMMUNITY COLLEGE DISTRICT

TO: Board of Trustees  
FROM: Bruce Baron, Chancellor  
REVIEWED BY: Cheryl A. Marshall, President, CHC  
PREPARED BY: Rebeccah Warren-Marlatt, Interim Vice President of Student Services and Instruction, CHC  
DATE: April 11, 2013  
SUBJECT: Consideration of Approval of Curriculum Modifications

RECOMMENDATION

It is recommended that the Board of Trustees approve the attached Curriculum Modifications.

OVERVIEW

The courses, certificates and degrees at CHC are continually being revised and updated to reflect and meet student needs.

ANALYSIS

These courses, certificates and degrees have been approved by the Curriculum Committee of the Academic Senate.

BOARD IMPERATIVE

II. Learning Centered Institution for Student Access, Retention and Success.

FINANCIAL IMPLICATIONS

None.

**CRAFTON HILLS COLLEGE**  
**SUBMITTED FOR BOARD OF TRUSTEES APPROVAL**  
**April 11, 2013**

**NEW TRANSFER DEGREE**

**ASSOCIATE IN ARTS IN EARLY CHILDHOOD EDUCATION FOR TRANSFER DEGREE**

The Associate in Arts-Transfer (AA-T) degree in Early Childhood Education at Crafton Hills College is designed to meet the needs of students transferring to a California State University who intend to major in human development or a related field of study.

<b>REQUIRED COURSES:</b>		<b>UNITS</b>
CD 105	Child Growth and Development	3.00
CD 126	Child, Family and Community	3.00
CD 112	Programs and Practices in Child Development	3.00
CD 132	Creative Experiences for Children Across the Curriculum	3.00
CD 212	Observation and Methods in Early Child Development	3.00
CD 205	Child Growth and Development Laboratory	4.00
CD 115	Health, Welfare and Nutrition for Children	3.00
CD 182	Teaching in a Diverse Society	3.00
<b>TOTAL UNITS:</b>		<b>25.00</b>

**Effective: FA13**

**Rationale:** To comply with SB 1440 which requires community colleges develop and grant associate degrees for transfer

**ASSOCIATE IN ARTS IN ELEMENTARY EDUCATION FOR TRANSFER DEGREE**

The Associate in Arts-Transfer (AA-T) degree in Elementary Education at Crafton Hills College is designed to meet the needs of students transferring to a California State University who intend to major in liberal studies or a related field of study.

<b>REQUIRED COURSES:</b>		<b>UNITS</b>
CD 105	Child Growth and Development	3.00
CD 211	Observation and Methods in School-Age Development	3.00
CD 295	Elementary Laboratory	3.00
EDU 290	Introduction to Education	3.00

In addition to the required courses, students must complete the following courses as a part of their general education requirements.

<b>REQUIRED GENERAL EDUCATION COURSES:</b>		<b>UNITS</b>
ENGL 101	Freshman Composition	(4.00)
<b>OR</b>		
ENGL 101H	Freshman Composition – Honors	(4.00)
COMMST 100	Elements of Public Speaking	(3.00)
<b>OR</b>		
COMMST 100H	Elements of Public Speaking – Honors	(3.00)
BIOL 100	General Biology	4.00
CHEM 101	Introduction to Chemistry	4.00
PHYSIC 100	Introduction to Physics	4.00

Curriculum Meeting: 01/28/13, 02/11/13, 2/25/13, 03/25/13 (academic programs)

Conjoint Meeting: 03/25/13

Board of Trustees Meeting: 04/11/13

MATH 115	The Ideas of Mathematics	3.00
HIST 170	World Civilizations (3500 BCE-1500CE)	(3.00)
	<b>OR</b>	
HIST 170H	World Civilizations (3500 BCE-1500CE) – Honors	(3.00)
HIST 145	California History	3.00
POLIT 100	American Politics	(3.00)
	<b>OR</b>	
POLIT 100H	American Politics – Honors	(3.00)
HEALTH 102	Biological Principles of Health	3.00

**Students must complete at least three units from the following courses: UNITS**

ENGL 102	Intermediate Composition and Critical Thinking	(4.00)
	<b>OR</b>	
ENGL 102H	Intermediate Composition and Critical Thinking – Honors	(4.00)
PHIL 103	Introduction to Logic: Argument and Evidence	3.00
COMMST 125	Critical Thinking Through Argumentation and Debate	3.00

**Students must complete at least three additional units from the following courses:**

		<b>UNITS</b>
MUSIC 120	Appreciation of Musical Literature	(3.00)
	<b>OR</b>	
MUSIC 120H	Appreciation of Musical Literature – Honors	(3.00)
THART 100	Introduction to Theatre	(3.00)
	<b>OR</b>	
THART 100H	Introduction to Theatre – Honors	(3.00)

**Students must complete at least three additional units from the following courses:**

		<b>UNITS</b>
ENGL 152	Intermediate Composition and Literature	4.00
ENGL 108	World Drama I	(3.00)
	<b>OR</b>	
THART 108	World Drama I	(3.00)
ENGL 109	World Drama II	(3.00)
	<b>OR</b>	
THART 109	World Drama II	(3.00)
ENGL 280	World Literature to the 17th Century	3.00
ENGL 281	World Literature from the 17th Century to the Present	3.00
COMMST 120	Oral Interpretation of Literature	(3.00)
	<b>OR</b>	
COMMST 120H	Oral Interpretation of Literature – Honors	(3.00)

**Student must complete at least three additional units from the following list: UNITS**

HIST 100	History of the United States to 1877	(3.00)
	<b>OR</b>	
HIST 100H	History of the United States to 1877 – Honors	(3.00)
HIST 101	History of the United States 1865 to Present	(3.00)
	<b>OR</b>	
HIST 101H	History of the United States 1865 to Present – Honors	(3.00)

**RECOMMENDED COURSES:**

The following courses are not required to earn the degree but are recommended for students planning to major in liberal studies or human development (school age track) at California State University, San Bernardino.

		<b>UNITS</b>
CIS 101	Introduction to Computer and Information Technology	3.00
PHIL 101	Introduction to Philosophy	(3.00)
<b>OR</b>		
PHIL 101H	Introduction to Philosophy – Honors	(3.00)
Any foreign language course at or beyond the second semester level.		4.00 – 5.00
Any physical education activity course.		1.00
<b>TOTAL UNITS:</b>		<b>60.00</b>

**Effective: FA13**

**Rationale:** To comply with SB 1440 which requires community colleges develop and grant associate degrees for transfer

**TRANSFER DEGREE MODIFICATIONS**
**ASSOCIATE IN ARTS IN COMMUNICATION STUDIES FOR TRANSFER DEGREE**

The Associate of Arts-Transfer (AA-T) degree in Communication Studies at Crafton Hills College is designed to meet the needs of students transferring to a California State University who intend to major in a communication-related field of study.

<b>REQUIRED COURSES:</b>		<b>UNITS</b>
COMMST 100	Elements of Public Speaking	(3.00)
<b>OR</b>		
COMMST 100H	Elements of Public Speaking – Honors	(3.00)
<b>Students must complete at least six units from the following courses:</b>		<b>UNITS</b>
COMMST 111	Interpersonal Communication	(3.00)
<b>OR</b>		
COMMST 111H	Interpersonal Communication – Honors	(3.00)
COMMST 125	Critical Thinking Through Argumentation and Debate	(3.00)
<b>OR</b>		
COMMST 125H	Critical Thinking Through Argumentation and Debate – Honors	(3.00)
COMMST 140	Small Group Communication	3.00

**Students must complete at least six additional units from the following courses:**

		<b>UNITS</b>
COMMST 111	Interpersonal Communication	(3.00)
<b>OR</b>		
COMMST 111H	Interpersonal Communication – Honors	(3.00)
COMMST 120	Oral Interpretation of Literature	(3.00)
<b>OR</b>		
COMMST 120H	Oral Interpretation of Literature – Honors	(3.00)
COMMST 125	Critical Thinking Through Argumentation and Debate	(3.00)
<b>OR</b>		
COMMST 125H	Critical Thinking Through Argumentation and Debate – Honors	(3.00)

Curriculum Meeting: 01/28/13, 02/11/13, 2/25/13, 03/25/13 (academic programs)

Conjoint Meeting: 03/25/13

Board of Trustees Meeting: 04/11/13

COMMST 135	Mass Communication in Society	(3.00)
<b>OR</b>		
JOUR 135	Mass Communication in Society	(3.00)
COMMST 140	Small Group Communication	3.00
COMMST 174	Communication in a Diverse World	3.00

**Students must complete at least three additional units from the following courses:**

		<b>UNITS</b>
COMMST 120	Oral Interpretation of Literature	(3.00)
<b>OR</b>		
COMMST 120H	Oral Interpretation of Literature – Honors	(3.00)
COMMST 135	Mass Communication in Society	(3.00)
<b>OR</b>		
JOUR 135	Mass Communication in Society	(3.00)
COMMST 174	Communication in a Diverse World	3.00
JOUR 120	Fundamentals of News Writing	(3.00)
<b>OR</b>		
ENGL 120	Fundamentals of News Writing	(3.00)
ANTHRO 102	Cultural Anthropology	(3.00)
<b>OR</b>		
ANTHRO 102H	Cultural Anthropology – Honors	(3.00)
PSYCH 100	General Psychology	(3.00)
<b>OR</b>		
PSYCH 100H	General Psychology – Honors	(3.00)
SOC 100	Introduction to Sociology	(3.00)
<b>OR</b>		
SOC 100H	Introduction to Sociology – Honors	(3.00)
<b>TOTAL UNITS:</b>		<b>18.00</b>

**Effective: FA13**

**Rationale:** Curriculum update

## **ASSOCIATE IN ARTS IN ENGLISH FOR TRANSFER DEGREE**

The Associate in Arts-Transfer (AA-T) degree in English at Crafton Hills College is designed to meet the needs of students transferring to a California State University who intend to major in English, English literature, creative writing or a related field of study.

<b>REQUIRED COURSES:</b>		<b>UNITS</b>
ENGL 152	Intermediate Composition and Literature	4.00

<b>Students must complete at least six units from the following courses:</b>		<b>UNITS</b>
ENGL 260	Survey of American Literature I	3.00
ENGL 261	Survey of American Literature II	3.00
ENGL 270	Survey of British Literature I	3.00
ENGL 271	Survey of British Literature II	3.00
ENGL 280	World Literature to the 17th Century	3.00
ENGL 281	World Literature from the 17th Century to the Present	3.00

**Students must complete at least six additional units from the following courses:**

		<b>UNITS</b>
ENGL 102	Intermediate Composition and Critical Thinking	(4.00)

Curriculum Meeting: 01/28/13, 02/11/13, 2/25/13, 03/25/13 (academic programs)

Conjoint Meeting: 03/25/13

Board of Trustees Meeting: 04/11/13

**OR**

ENGL 102H	Intermediate Composition and Critical Thinking – Honors	(4.00)
ENGL 232	Creative Writing	3.00
ENGL 260	Survey of American Literature I	3.00
ENGL 261	Survey of American Literature II	3.00
ENGL 270	Survey of British Literature I	3.00
ENGL 271	Survey of British Literature II	3.00
ENGL 280	World Literature to the 17th Century	3.00
ENGL 281	World Literature from the 17th Century to the Present	3.00

**Students must complete at least three additional units from the following courses:**

		<b>UNITS</b>
ENGL 108	World Drama I	(3.00)
	<b>OR</b>	
THART 108	World Drama I	(3.00)
ENGL 109	World Drama II	(3.00)
	<b>OR</b>	
THART 109	World Drama II	(3.00)
ENGL 120	Fundamentals of News Writing	(3.00)
	<b>OR</b>	
JOUR 120	Fundamentals of News Writing	(3.00)
ENGL 127	Introductory Literary Magazine Production: The Sand Canyon Review	3.00
ENGL 150	Classical Mythology	3.00
ENGL 155	Children's Literature	(3.00)
	<b>OR</b>	
ENGL 155H	Children's Literature – Honors	(3.00)
ENGL 160	Literature by Women	3.00
ENGL 163	Chicano/Latino Literature	3.00
ENGL 170	The Film Experience	3.00
ENGL 175	Literature and Religion of the Bible	(3.00)
	<b>OR</b>	
RELIG 175	Literature and Religion of the Bible	(3.00)
ENGL 226	Play and Screenplay Analysis	(3.00)
	<b>OR</b>	
THART 226	Play and Screenplay Analysis	(3.00)
ENGL 232	Creative Writing	3.00
ENGL 250	Fiction	3.00
ENGL 260	Survey of American Literature I	3.00
ENGL 261	Survey of American Literature II	3.00
ENGL 270	Survey of British Literature I	3.00
ENGL 271	Survey of British Literature II	3.00
ENGL 275	Shakespeare	3.00
ENGL 280	World Literature to the 17th Century	3.00
ENGL 281	World Literature from the 17th Century to the Present	3.00
ARABIC 101	College Arabic I	5.00
ARABIC 102	College Arabic II	5.00
ARABIC 103	College Arabic III	5.00
ARABIC 104	College Arabic IV	5.00
FRENCH 101	College French I	5.00
FRENCH 102	College French II	5.00
FRENCH 103	College French III	5.00
FRENCH 104	College French IV	5.00

Curriculum Meeting: 01/28/13, 02/11/13, 2/25/13, 03/25/13 (academic programs)

Conjoint Meeting: 03/25/13

Board of Trustees Meeting: 04/11/13

HUM 101	The Humanities I: Prehistoric to Medieval	3.00
HUM 102	The Humanities II: Renaissance to Post Modern	3.00
JAPN 101	College Japanese I	5.00
JAPN 102	College Japanese II	5.00
JAPN 103	College Japanese III	5.00
JAPN 104	College Japanese IV	5.00
RUS 101	College Russian I	5.00
RUS 102	College Russian II	5.00
SPAN 101	College Spanish I	5.00
SPAN 102	College Spanish II	5.00
SPAN 103	College Spanish III	5.00
SPAN 104	College Spanish IV	5.00
COMMST 120	Oral Interpretation of Literature	(3.00)
	<b>OR</b>	
COMMST 120H	Oral Interpretation of Literature – Honors	(3.00)
COMMST 145	Business Communication	(4.00)
	<b>OR</b>	
BUSAD 145	Business Communication	(4.00)
THART 100	Introduction to Theatre	(3.00)
	<b>OR</b>	
THART 100H	Introduction to Theatre – Honors	(3.00)
	<b>TOTAL UNITS:</b>	<b>19.00</b>

**Effective: FA13**

**Rationale:** Curriculum update

### **ASSOCIATE IN ARTS IN HISTORY FOR TRANSFER DEGREE**

The Associate in Arts-Transfer (AA-T) degree in History at Crafton Hills College is designed to meet the needs of students transferring to a California State University who intend to major in history or a related field of study.

<b>REQUIRED COURSES:</b>	<b>UNITS</b>
HIST 100 History of the United States to 1877	(3.00)
	<b>OR</b>
HIST 100H History of the United States to 1877 – Honors	(3.00)
HIST 101 History of the United States 1865 to Present	(3.00)
	<b>OR</b>
HIST 101H History of the United States 1865 to Present – Honors	(3.00)
HIST 170 World Civilizations (3500 BCE-1500CE)	(3.00)
	<b>OR</b>
HIST 170H World Civilizations (3500 BCE-1500CE) – Honors	(3.00)
HIST 171 World Civilizations (1500 CE to the Present)	(3.00)
	<b>OR</b>
HIST 171H World Civilizations (1500 CE to the Present) – Honors	(3.00)

**Students must complete at least three units from the following courses:** **UNITS**

HIST 107 The United States and the North American Indians	(3.00)
	<b>OR</b>
ANTHRO 107 The United States and the North American Indians	(3.00)
ARABIC 101 Arabic I	5.00

Curriculum Meeting: 01/28/13, 02/11/13, 2/25/13, 03/25/13 (academic programs)

Conjoint Meeting: 03/25/13

Board of Trustees Meeting: 04/11/13

ARABIC 102	College Arabic II	5.00
ARABIC 103	College Arabic III	5.00
ARABIC 104	College Arabic IV	5.00
ASL 101	American Sign Language I	4.00
ASL 102	American Sign Language II	4.00
ASL 103	American Sign Language III	4.00
ASL 104	American Sign Language IV	4.00
ENGL 160	Literature by Women	3.00
ENGL 163	Chicano/Latino Literature	3.00
ENGL 280	World Literature to the 17th Century	3.00
ENGL 281	World Literature from the 17th Century to the Present	3.00
FRENCH 101	College French I	5.00
FRENCH 102	College French II	5.00
FRENCH 103	College French III	5.00
FRENCH 104	College French IV	5.00
JAPN 101	College Japanese I	5.00
JAPN 102	Japanese II	5.00
JAPN 103	College Japanese III	5.00
JAPN 104	College Japanese IV	5.00
MCS 110	The American Deaf Experience: Introduction to Deaf Studies	3.00
POLIT 104	Introduction to Comparative Politics	3.00
POLIT 106	Introduction to World Politics	3.00
RELIG 101	Introduction to World Religions	(3.00)
<b>OR</b>		
RELIG 101H	Introduction to World Religions – Honors	(3.00)
RELIG 110	Tribal and Ethnic Religions	(3.00)
<b>OR</b>		
ANTHRO 110	Tribal and Ethnic Religions	(3.00)
RUS 101	College Russian I	5.00
RUS 102	College Russian II	5.00
SOC 141	Minority Relations	3.00
SPAN 101	College Spanish I	5.00
SPAN 102	College Spanish II	5.00
SPAN 103	College Spanish III	5.00
SPAN 104	College Spanish IV	5.00
COMMST 174	Communication in a Diverse World	3.00

**Students must complete at least three additional units from the following courses:**

		<b>UNITS</b>
HIST 107	The United States and the North American Indians	(3.00)
<b>OR</b>		
ANTHRO 107	The United States and the North American Indians	(3.00)
HIST 135	Religion in America	(3.00)
<b>OR</b>		
RELIG 135	Religion in America	(3.00)
HIST 145	California History	3.00
ANTHRO 102	Cultural Anthropology	(3.00)
<b>OR</b>		
ANTHRO 102H	Cultural Anthropology – Honors	(3.00)
ART 100	Art History I: Prehistoric Art to Medieval Art	3.00
ART 102	Art History II: Renaissance Art to Modern Art	3.00
ECON 100	Introduction to Economics	3.00
ECON 200	Principles of Macroeconomics	(3.00)

Curriculum Meeting: 01/28/13, 02/11/13, 2/25/13, 03/25/13 (academic programs)

Conjoint Meeting: 03/25/13

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	<b>OR</b>	
ECON 200H	Principles of Macroeconomics – Honors	(3.00)
ECON 201	Principles of Microeconomics	(3.00)
	<b>OR</b>	
ECON 201H	Principles of Microeconomics – Honors	(3.00)
GEOG 120	World Regional Geography	3.00
HUM 101	The Humanities I: Prehistoric to Medieval	3.00
HUM 102	The Humanities II: Renaissance to Post Modern	3.00
HUM 140	Humanities Through the Arts	3.00
JOUR 135	Mass Communication in Society	(3.00)
	<b>OR</b>	
COMMST 135	Mass Communication in Society	(3.00)
MUSIC 103	Appreciation of American Popular Music	(3.00)
	<b>OR</b>	
MUSIC 103H	Appreciation of American Popular Music – Honors	(3.00)
MUSIC 120	Appreciation of Musical Literature	(3.00)
	<b>OR</b>	
MUSIC 120H	Appreciation of Musical Literature – Honors	(3.00)
MUSIC 134	Jazz History	3.00
PHIL101	Introduction to Philosophy	(3.00)
	<b>OR</b>	
PHIL 101H	Introduction to Philosophy – Honors	(3.00)
POLIT 100	American Politics	(3.00)
	<b>OR</b>	
POLIT 100H	American Politics – Honors	(3.00)
POLIT 102	California Politics and Culture	3.00
POLIT 104	Introduction to Comparative Politics	3.00
POLIT 106	Introduction to World Politics	3.00
POLIT 110	Introduction to Political Theory	3.00
PSYCH 100	General Psychology	(3.00)
	<b>OR</b>	
PSYCH 100H	General Psychology – Honors	(3.00)
RELIG 100	Introduction to Religious Studies	(3.00)
	<b>OR</b>	
RELIG 100H	Introduction to Religious Studies – Honors	(3.00)
RELIG 101	Introduction to World Religions	(3.00)
	<b>OR</b>	
RELIG 101H	Introduction to World Religions – Honors	(3.00)
RELIG 110	Tribal and Ethnic Religions	(3.00)
	<b>OR</b>	
ANTHRO 110	Tribal and Ethnic Religions	(3.00)
SOC 100	Introduction to Sociology	(3.00)
	<b>OR</b>	
SOC 100H	Introduction to Sociology – Honors	(3.00)
	<b>TOTAL UNITS:</b>	<b>18.00</b>

**Effective: FA13**

**Rationale:** Curriculum update

## **ASSOCIATE IN ARTS IN PSYCHOLOGY FOR TRANSFER DEGREE**

Curriculum Meeting: 01/28/13, 02/11/13, 2/25/13, 03/25/13 (academic programs)

Conjoint Meeting: 03/25/13

Board of Trustees Meeting: 04/11/13

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The Associate in Arts-Transfer (AA-T) degree in Psychology at Crafton Hills College is designed to meet the needs of students transferring to a California State University or University of California who intend to major in psychology or a related field of study.

<b>REQUIRED COURSES:</b>		<b>UNITS</b>
PSYCH 100	General Psychology	(3.00)
<b>OR</b>		
PSYCH 100H	General Psychology – Honors	(3.00)
PSYCH 101	Research Methods	3.00
MATH 108	Statistics	(4.00)
<b>OR</b>		
PSYCH 108	Statistics	(4.00)
PSYCH 111	Developmental Psychology: Lifespan	3.00
BIOL 100	General Biology	4.00
<b>Students must complete at least three units from the following courses:</b>		<b>UNITS</b>
PSYCH 102	Personal and Social Adjustment	3.00
PSYCH 103	Theories of Personality	3.00
PSYCH 110	Abnormal Psychology	3.00
PSYCH 118	Human Sexual Behavior	3.00
<b>TOTAL UNITS:</b>		<b>20.00</b>

**Effective: FA13**

**Rationale:** Curriculum update

### **ASSOCIATE IN ARTS IN SOCIOLOGY FOR TRANSFER DEGREE**

The Associate in Arts-Transfer (AA-T) degree in Sociology at Crafton Hills College is designed to meet the needs of students transferring to a California State University who intend to major in sociology or a related field of study.

<b>REQUIRED COURSES:</b>		<b>UNITS</b>
SOC 100	Introduction to Sociology	(3.00)
<b>OR</b>		
SOC 100H	Introduction to Sociology – Honors	(3.00)
SOC 105	Social Problems	3.00
PSYCH 108	Statistics	(4.00)
<b>OR</b>		
MATH 108	Statistics	(4.00)
<b>Students must complete at least six units from the following courses:</b>		<b>UNITS</b>
SOC 130	Marriage, Family and Intimate Relationships	3.00
SOC 141	Minority Relations	3.00
SOC 150	Gerontology	3.00

<b>Students must complete at least three additional units from the following courses:</b>		<b>UNITS</b>
SOC 130	Marriage, Family and Intimate Relationships	3.00
SOC 141	Minority Relations	3.00
SOC 150	Gerontology	3.00
ANTHRO 102	Cultural Anthropology	(3.00)

Curriculum Meeting: 01/28/13, 02/11/13, 2/25/13, 03/25/13 (academic programs)

Conjoint Meeting: 03/25/13

Board of Trustees Meeting: 04/11/13

	<b>OR</b>	
ANTHRO 102H	Cultural Anthropology – Honors	(3.00)
PSYCH 100	General Psychology	(3.00)
	<b>OR</b>	
PSYCH 100H	General Psychology – Honors	(3.00)
POLIT 100	American Politics	(3.00)
	<b>OR</b>	
POLIT 100H	American Politics – Honors	(3.00)
ECON 100	Introduction to Economics	3.00
	<b>TOTAL UNITS:</b>	<b>19.00</b>

**Effective: FA13**

**Rationale:** Curriculum update

## ASSOCIATE IN SCIENCE IN GEOLOGY FOR TRANSFER DEGREE

The Associate in Science-Transfer (AS-T) degree in Geology at Crafton Hills College is designed to meet the needs of students transferring to a California State University who intend to major in geology or a related field of study.

<b>REQUIRED COURSES:</b>		<b>UNITS</b>
GEOL 100	Physical Geology	(4.00)
	<b>OR</b>	
GEOL 100H	Physical Geology – Honors	(4.00)
	<b>OR</b>	
GEOL 160	Geology Laboratory	(1.00)
	<b>AND</b>	
GEOL 101	Introduction to Geology	(3.00)
	<b>OR</b>	
GEOL 101H	Introduction to Geology – Honors	(3.00)
GEOL 112	Historical Geology	4.00
CHEM 150	General Chemistry I	(5.00)
	<b>OR</b>	
CHEM 150H	General Chemistry I – Honors	(5.00)
CHEM 151	General Chemistry II	(5.00)
	<b>OR</b>	
CHEM 151H	General Chemistry II – Honors	(5.00)
MATH 250	Single Variable Calculus I	4.00
MATH 251	Single Variable Calculus II	4.00

### RECOMMENDED COURSES:

The following courses and field experiences including GEOL 170, 175, 180, 181, 190 and 270 are not required to earn the degree but are recommended for students preparing to major in geology at a four-year institution.

		<b>UNITS</b>
BIOL 100	General Biology	4.00
MATH 252	Multivariable Calculus	5.00
PHYSIC 250 1	College Physics I	4.00
PHYSIC 251	College Physics II	4.00
PHYSIC 252	College Physics III	4.00
	<b>TOTAL UNITS:</b>	<b>26.00</b>

Curriculum Meeting: 01/28/13, 02/11/13, 2/25/13, 03/25/13 (academic programs)

Conjoint Meeting: 03/25/13

Board of Trustees Meeting: 04/11/13

1Students may substitute PHYSIC 200-201 in lieu of PHYSIC 250-251-252. See a counselor for details.

**Effective: FA13**

**Rationale:** Curriculum update

### ASSOCIATE IN SCIENCE IN MATHEMATICS FOR TRANSFER DEGREE

<b>REQUIRED COURSES:</b>		<b>UNITS</b>
MATH 250	Variable Calculus I	4.00
MATH 251	Single Variable Calculus II	4.00
MATH 252	Multivariable Calculus	5.00

**Students must complete at least six units from the following courses, with at least three units from Group A:**

<b>Group A</b>		<b>UNITS</b>
MATH 265	Linear Algebra	3.00
MATH 266	Introduction to Ordinary Differential Equations	3.00
<b>Group B</b>		<b>UNITS</b>
MATH 108	Statistics	4.00
MATH 200	Discrete Structures	(4.00)
<b>OR</b>		
CSCI 200	Discrete Structures	(4.00)
CIS 114	C++ Programming I	3.00
CIS 116	C++ Programming II	3.00
PHYSIC 250 1	College Physics I	4.00
PHYSIC 251	College Physics II	4.00
PHYSIC 252	College Physics III	4.00
<b>TOTAL UNITS:</b>		<b>19.00 – 25.00</b>

1Students may substitute PHYSIC 200-201 in lieu of PHYSIC 250-251-252. See counselor for details.

*Prospective transfer students should complete the general education and lower division requirements of the school to which they will be transferring (IGETC or CSU GE Breadth). See a counselor for details. Information is also available at [www.assist.org](http://www.assist.org).*

**Effective: FA13**

**Rationale:** Curriculum update

## DEGREE MODIFICATIONS

### ASSOCIATE OF ARTS DEGREE ARABIC

<b>REQUIRED COURSES:</b>		<b>UNITS</b>
ARABIC 101	College Arabic I	5.00
ARABIC 102	College Arabic II	5.00
ARABIC 103	College Arabic III	5.00
ARABIC 104	College Arabic IV	5.00
<b>TOTAL UNITS:</b>		<b>20.00</b>

Curriculum Meeting: 01/28/13, 02/11/13, 2/25/13, 03/25/13 (academic programs)

Conjoint Meeting: 03/25/13

Board of Trustees Meeting: 04/11/13

Lower division requirements for students interested in transferring to a four-year institution in this field may differ from associate degree requirements. Prospective transfer students should complete the general education and lower division requirements of the school to which they will be transferring. See a counselor for details. Information is also available at [www.assist.org](http://www.assist.org).

**Effective: FA13**

**Rationale:** Curriculum update

## ASSOCIATE OF ARTS DEGREE ART

<b>REQUIRED COURSES:</b>		<b>UNITS</b>
ART 100	Art History I: Prehistoric Art to Medieval Art	3.00
ART 102	Art History II: Renaissance Art to Modern Art	3.00
ART 120	Foundations of Two-Dimensional Design	3.00
ART 121	Foundations of Three-Dimensional Design	3.00
ART 124	Drawing I	3.00
ART 126	Painting I	3.00
ART 132	Life Drawing I	3.00

<b>Students must complete at least six units from the following courses:</b>		<b>UNITS</b>
ART 105	History of Modern Art	3.00
ART 119	Digital Video Production	3.00
ART 125	Drawing II	3.00
ART 175	Sculpture	3.00
ART 200	Printmaking	3.00
ART 204	Contemporary Topics in American Art	1.00
ART 226	Painting II	3.00
ART 232	Life Drawing II	3.00
ART 247A	Special Projects in Art	1.00 – 3.00
ART 247B	Special Projects in Art	1.00 – 3.00
ART 247C	Special Projects in Art	1.00 – 3.00
ART 247D	Special Projects in Art	1.00 – 3.00
ART 275	Contemporary Sculpture Techniques	3.00
THART 176	Fundamentals of Stagecraft I	3.00
THART 179	Fundamentals of Stagecraft II	3.00
<b>TOTAL UNITS:</b>		<b>27.00</b>

Lower division requirements for students interested in transferring to a four-year institution in this field may differ from associate degree requirements. Prospective transfer students should complete the general education and lower division requirements of the school to which they will be transferring. See a counselor for details. Information is also available at [www.assist.org](http://www.assist.org).

**Effective: FA13**

**Rationale:** Curriculum update

## ASSOCIATE OF ARTS DEGREE CHILD DEVELOPMENT

The Associate of Arts degree in Child Development is designed to prepare professionals to teach in an early learning environment such as preschool. This degree can also assist in preparation to teach in primary and intermediate grades.

<b>REQUIRED COURSES:</b>	<b>UNITS</b>
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Curriculum Meeting: 01/28/13, 02/11/13, 2/25/13, 03/25/13 (academic programs)

Conjoint Meeting: 03/25/13

Board of Trustees Meeting: 04/11/13

CD 105	Child Growth and Development	3.00
CD 112	Programs and Practices in Child Development	3.00
CD 115	Health, Welfare and Nutrition for Children	3.00
CD 126	Child, Family and Community	3.00
CD 132	Creative Experiences for Children Across the Curriculum	3.00
CD 182	Teaching in a Diverse Society	3.00
CD 205	Child Growth and Development Laboratory	4.00
CD 212	Observation and Methods in Early Child Development	3.00

**RECOMMENDED COURSES:**

		<b>UNITS</b>
CD 100	Introduction to Child Development	3.00
CD 101	Family Interactions	3.00
CD 130	Music and Movement for Children	3.00
CD 131	Developmental Art for Children	3.00
CD 133	Creative Science and Math Activities for Children	3.00
CD 134	Language and Listening, Literacy and Literature for Children	3.00
CD 136	Creative Art Activities for Children	3.00
CD 137	Play and Materials in Early Learning	3.00
CD 185	Infant/Toddler Growth and Development	3.00
CD 186	Infant/Toddler Activities	3.00
CD 211	Observation and Methods in School-Age Development	3.00
CD 244	Children with Special Needs	3.00
CD 250	Child Guidance and Early Learning	3.00
CD 270	Mentor Teacher/Adult Supervision	2.00
CD 271	Administration: Management and Organization of Child Development Programs	3.00
CD 272	Administration: Human Relations in Child Development Programs	3.00
	<b>TOTAL UNITS:</b>	<b>25.00</b>

Lower division requirements for students interested in transferring to a four-year institution in this field may differ from associate degree requirements. Prospective transfer students should complete the general education and lower division requirements of the school to which they will be transferring. See a counselor for details. Information is also available at [www.assist.org](http://www.assist.org).

**Effective: FA13**

**Rationale:** Curriculum update

**ASSOCIATE OF ARTS DEGREE COMMUNICATION**

<b>REQUIRED COURSES:</b>		<b>UNITS</b>
COMMST 100	Elements of Public Speaking	(3.00)
	<b>OR</b>	
COMMST 100H	Elements of Public Speaking – Honors	(3.00)
COMMST 111	Interpersonal Communication	(3.00)
	<b>OR</b>	
COMMST 111H	Interpersonal Communication – Honors	(3.00)
COMMST 125	Critical Thinking Through Argumentation and Debate	(3.00)
	<b>OR</b>	
COMMST 125H	Critical Thinking Through Argumentation and Debate – Honors	(3.00)
	<b>OR</b>	
COMMST 140	Small Group Communication	3.00

Curriculum Meeting: 01/28/13, 02/11/13, 2/25/13, 03/25/13 (academic programs)

Conjoint Meeting: 03/25/13

Board of Trustees Meeting: 04/11/13

**Students must complete at least nine additional units from the following courses:**

		<b>UNITS</b>
COMMST 101	Advanced Public Speaking	3.00
COMMST 110	Voice and Diction	(3.00)
<b>OR</b>		
THART110	Voice and Diction	(3.00)
COMMST 120	Oral Interpretation of Literature	(3.00)
<b>OR</b>		
COMMST 120H	Oral Interpretation of Literature – Honors	(3.00)
COMMST 125	Critical Thinking Through Argumentation and Debate	(3.00)
<b>OR</b>		
COMMST 125H	Critical Thinking Through Argumentation and Debate – Honors	(3.00)
COMMST 135	Mass Communication in Society	(3.00)
<b>OR</b>		
JOUR 135	Mass Communication in Society	(3.00)
COMMST 140	Small Group Communication	3.00
COMMST 145	Business Communication	(4.00)
<b>OR</b>		
BUSAD 145	Business Communication	(4.00)
COMMST 155	Human Relations in the Workplace	(3.00)
<b>OR</b>		
BUSAD 155	Human Relations in the Workplace	(3.00)
COMMST 174	Communication in a Diverse World	3.00
COMMST 246ABCD	Special Studies in Communication	1.00
COMMST 247ABC	Special Studies in Communication	2.00
COMMST 248AB	Special Studies in Communication	3.00
JOUR 120	Fundamentals of News Writing	(3.00)
<b>OR</b>		
ENGL 120	Fundamentals of News Writing	(3.00)
ENGL 170	The Film Experience	3.00
MARKET 110	Advertising	3.00
SOC 130	Marriage, Family and Intimate Relationships	3.00
<b>TOTAL UNITS:</b>		<b>18.00</b>

*Lower division requirements for students interested in transferring to a four-year institution in this field may differ from associate degree requirements. Prospective transfer students should complete the general education and lower division requirements of the school to which they will be transferring. See a counselor for details. Information is also available at [www.assist.org](http://www.assist.org).*

**Effective: FA13**

**Rationale:** Curriculum update

**ASSOCIATE OF ARTS DEGREE ENGLISH**

**REQUIRED COURSES:**

		<b>UNITS</b>
ENGL 101	Freshman Composition	(4.00)
<b>OR</b>		
ENGL 101H	Freshman Composition – Honors	(4.00)
ENGL 102	Intermediate Composition and Critical Thinking	(4.00)
<b>OR</b>		
ENGL 102H	Intermediate Composition and Critical Thinking – Honors	(4.00)
<b>OR</b>		

Curriculum Meeting: 01/28/13, 02/11/13, 2/25/13, 03/25/13 (academic programs)

Conjoint Meeting: 03/25/13

Board of Trustees Meeting: 04/11/13

ENGL 152 Intermediate Composition and Literature (4.00)

**Students must complete at least six units from the following courses: UNITS**

ENGL 260	Survey of American Literature I	3.00
ENGL 261	Survey of American Literature II	3.00
*ENGL 270	Survey of British Literature I	3.00
*ENGL 271	Survey of British Literature II	3.00

**Students must complete at least six additional units from the following courses: UNITS**

ENGL 150	Classical Mythology	3.00
ENGL 155	Children's Literature	(3.00)

**OR**

ENGL 155H	Children's Literature – Honors	(3.00)
ENGL 160	Literature by Women	3.00
ENGL 163	Chicano/Latino Literature	3.00
ENGL 170	The Film Experience	3.00
ENGL 175	Literature and Religion of the Bible	(3.00)

**OR**

RELIG 175	Literature and Religion of the Bible	(3.00)
ENGL 232	Creative Writing	3.00
ENGL 250	Fiction	3.00
ENGL 260	Survey of American Literature I	3.00
ENGL 261	Survey of American Literature II	3.00
ENGL 270	Survey of British Literature I	3.00
ENGL 271	Survey of British Literature II	3.00
ENGL 275	Shakespeare	3.00
ENGL 280	World Literature to the 17th Century	3.00
ENGL 281	World Literature from the 17th Century to the Present	3.00

**TOTAL UNITS: 20.00**

\*Recommended for students planning on transferring to California State University, San Bernardino

*Lower division requirements for students interested in transferring to a four-year institution in this field may differ from associate degree requirements. Prospective transfer students should complete the general education and lower division requirements of the school to which they will be transferring. See a counselor for details. Information is also available at [www.assist.org](http://www.assist.org)*

**Effective: FA13**

**Rationale:** Curriculum update

## **ASSOCIATE OF ARTS DEGREE HISTORY**

**REQUIRED COURSES: UNITS**

HIST 100	History of the United States to 1877	(3.00)
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**OR**

HIST 100H	History of the United States to 1877 – Honors	(3.00)
HIST 101	History of the United States 1865 to Present	(3.00)

**OR**

HIST 101H	History of the United States 1865 to Present – Honors	(3.00)
HIST 170	World Civilizations (3500 BCE-1500CE)	(3.00)

**OR**

HIST 170H	World Civilizations (3500 BCE-1500CE) – Honors	(3.00)
HIST 171	World Civilizations (1500 CE to the Present)	(3.00)

Curriculum Meeting: 01/28/13, 02/11/13, 2/25/13, 03/25/13 (academic programs)

Conjoint Meeting: 03/25/13

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	<b>OR</b>	
HIST 171H	World Civilizations (1500 CE to the Present) – Honors	(3.00)
<b>Students must complete at least six units from the following courses:</b>		
HIST 107	The United States and the North American Indians	(3.00)
	<b>OR</b>	
ANTHRO 107	The United States and the North American Indians	(3.00)
HIST 135	Religion in America	(3.00)
	<b>OR</b>	
RELIG 135	Religion in America	(3.00)
HIST 145	California History	3.00
ANTHRO 102	Cultural Anthropology	(3.00)
	<b>OR</b>	
ANTHRO 102H	Cultural Anthropology – Honors	(3.00)
ANTHRO 110	Tribal and Ethnic Religions	(3.00)
	<b>OR</b>	
RELIG 110	Tribal and Ethnic Religions	(3.00)
ART 100	Art History I: Prehistoric Art to Medieval Art	3.00
ART 102	Art History II: Renaissance Art to Modern Art	3.00
ECON 100	Introduction to Economics	3.00
ECON 200	Principles of Macroeconomics	(3.00)
	<b>OR</b>	
ECON 200H	Principles of Macroeconomics – Honors	(3.00)
ECON 201	Principles of Microeconomics	(3.00)
	<b>OR</b>	
ECON 201H	Principles of Microeconomics – Honors	(3.00)
ENGL 260	Survey of American Literature I	3.00
ENGL 261	Survey of American Literature II	3.00
ENGL 280	World Literature to the 17th Century	3.00
ENGL 281	World Literature from the 17th Century to the Present	3.00
GEOG 102	Cultural Geography	(3.00)
	<b>OR</b>	
GEOG 102H	Cultural Geography – Honors	(3.00)
GEOG 120	World Regional Geography	3.00
GEOG 126	Geography of California	3.00
MUSIC 103	Appreciation of American Popular Music	(3.00)
	<b>OR</b>	
MUSIC 103H	Appreciation of American Popular Music – Honors	(3.00)
MUSIC 120	Appreciation of Musical Literature	(3.00)
	<b>OR</b>	
MUSIC 120H	Appreciation of Musical Literature – Honors	(3.00)
MUSIC 134	Jazz History	3.00
PHIL 101	Introduction to Philosophy	(3.00)
	<b>OR</b>	
PHIL 101H	Introduction to Philosophy – Honors	(3.00)
POLIT 100	American Politics	(3.00)
	<b>OR</b>	
POLIT 100H	American Politics – Honors	(3.00)
POLIT 102	California Politics and Culture	3.00
POLIT 104	Introduction to Comparative Politics	3.00
POLIT 106	Introduction to World Politics	3.00
POLIT 110	Introduction to Political Theory	3.00
RELIG 100	Introduction to Religious Studies	(3.00)

Curriculum Meeting: 01/28/13, 02/11/13, 2/25/13, 03/25/13 (academic programs)

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	<b>OR</b>	
RELIG 100H	Introduction to Religious Studies – Honors	(3.00)
RELIG 101	Introduction to World Religions	(3.00)
	<b>OR</b>	
RELIG 101H	Introduction to World Religions – Honors	(3.00)
RELIG 113	Introduction to Eastern Religions	3.00
RELIG 176	Jesus and His Interpreters	3.00
SOC 100	Introduction to Sociology	(3.00)
	<b>OR</b>	
SOC 100H	Introduction to Sociology – Honors	(3.00)
SOC 141	Minority Relations	3.00
THART 108	World Drama I	(3.00)
	<b>OR</b>	
ENGL 108	World Drama I	(3.00)
THART 109	World Drama II	(3.00)
	<b>OR</b>	
ENGL 109	World Drama II	(3.00)
	<b>TOTAL UNITS:</b>	<b>18.00</b>

*Lower division requirements for students interested in transferring to a four-year institution in this field may differ from associate degree requirements. Prospective transfer students should complete the general education and lower division requirements of the school to which they will be transferring. See a counselor for details. Information is also available at [www.assist.org](http://www.assist.org).*

**Effective: FA13**

**Rationale:** Curriculum update

## **ASSOCIATE OF ARTS DEGREE JAPANESE**

<b>REQUIRED COURSES:</b>		<b>UNITS</b>
JAPN 101	College Japanese I	5.00
JAPN 102	College Japanese II	5.00
JAPN 103	College Japanese III	5.00
JAPN 104	College Japanese IV	5.00
	<b>TOTAL UNITS:</b>	<b>20.00</b>

*Lower division requirements for students interested in transferring to a four-year institution in this field may differ from associate degree requirements. Prospective transfer students should complete the general education and lower division requirements of the school to which they will be transferring. See a counselor for details. Information is also available at [www.assist.org](http://www.assist.org).*

**Effective: FA13**

**Rationale:** Curriculum update

## **ASSOCIATE OF ARTS DEGREE MUSIC**

<b>REQUIRED COURSES:</b>		<b>UNITS</b>
MUSIC 101	Music Theory I	4.00
MUSIC 102	Music Theory II	4.00
MUSIC 120	Appreciation of Musical Literature	(3.00)
	<b>OR</b>	
MUSIC 120H	Appreciation of Musical Literature – Honors	(3.00)
MUSIC 141X4 1	Applied Music	2.00

Curriculum Meeting: 01/28/13, 02/11/13, 2/25/13, 03/25/13 (academic programs)

Conjoint Meeting: 03/25/13

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MUSIC 135 2	Piano I	2.00
MUSIC 136 2	Piano II	2.00
MUSIC 235 2	Piano III	2.00
MUSIC 236 2	Piano IV	2.00

**Students must complete at least eight units from the following:**

		<b>UNITS</b>
MUSIC 132	Guitar I	2.00
MUSIC 133	Guitar II	2.00
MUSIC 150X4	Concert Choir I	2.00
MUSIC 164X4	Concert Band	2.00
MUSIC 174X4	Jazz Band I	2.00
MUSIC 179X4	Contemporary Ensemble	2.00
MUSIC 232	Guitar III	2.00
MUSIC 233	Guitar IV	2.00
MUSIC 247A	Special Projects in Music	1.00 – 3.00
MUSIC 247B	Special Projects in Music	1.00 – 3.00
MUSIC 247C	Special Projects in Music	1.00 – 3.00
MUSIC 247D	Special Projects in Music	1.00 – 3.00

**Students must complete at least three additional units from the following:**

		<b>UNITS</b>
MUSIC 100	Fundamental Skills in Music	3.00
MUSIC 103	Appreciation of American Popular Music	(3.00)
<b>OR</b>		
MUSIC 103H	Appreciation of American Popular Music – Honors	(3.00)
MUSIC 134	Jazz History	3.00
MUSIC 180X4	Musical Theatre Workshop	2.00
MUSIC 190	Songwriting and Composition	3.00
MUSIC 195	Music Technology and Recording	4.00
<b>TOTAL UNITS:</b>		<b>34.00</b>

1Must be taken two times

2Students may receive credit for piano courses through credit by examination. Students may receive credit only in sequence from the lowest to highest level. See a counselor for details.

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**Effective: FA13**

**Rationale:** Curriculum update

## **ASSOCIATE OF ARTS DEGREE PHILOSOPHY**

<b>REQUIRED COURSES:</b>		<b>UNITS</b>
PHIL 101	Introduction to Philosophy	(3.00)
<b>OR</b>		
PHIL 101H	Introduction to Philosophy – Honors	(3.00)
PHIL 105	Introduction to Ethics: Moral Values in Today's Society	(3.00)
<b>OR</b>		
PHIL 105H	Introduction to Ethics: Moral Values in Today's Society – Honors	(3.00)

Curriculum Meeting: 01/28/13, 02/11/13, 2/25/13, 03/25/13 (academic programs)

Conjoint Meeting: 03/25/13

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<b>Students must complete at least six units from the following courses:</b>		<b>UNITS</b>
HIST 170	World Civilizations (3500 BCE-1500CE)	(3.00)
<b>OR</b>		
HIST 170H	World Civilizations (3500 BCE-1500CE) – Honors	(3.00)
HIST 171	World Civilizations (1500 CE to the Present)	(3.00)
<b>OR</b>		
HIST 171H	World Civilizations (1500 CE to the Present) – Honors	(3.00)
HUM 101	The Humanities I: Prehistoric to Medieval	3.00
HUM 102	The Humanities II: Renaissance to Post Modern	3.00

<b>Students must complete at least six additional units from the following courses:</b>		<b>UNITS</b>
PHIL 103	Introduction to Logic: Argument and Evidence	3.00
RELIG 100	Introduction to Religious Studies	(3.00)
<b>OR</b>		
RELIG 100H	Introduction to Religious Studies – Honors	(3.00)
RELIG 101	Introduction to World Religions	(3.00)
<b>OR</b>		
RELIG 101H	Introduction to World Religions – Honors	(3.00)
RELIG 110	Tribal and Ethnic Religions	(3.00)
<b>OR</b>		
ANTHRO 110	Tribal and Ethnic Religions	(3.00)
RELIG 113	Introduction to Eastern Religions	3.00
RELIG 176	Jesus and His Interpreters	3.00
<b>TOTAL UNITS:</b>		<b>18.00</b>

*Lower division requirements for students interested in transferring to a four-year institution in this field may differ from associate degree requirements. Prospective transfer students should complete the general education and lower division requirements of the school to which they will be transferring. See a counselor for details. Information is also available at [www.assist.org](http://www.assist.org).*

**Effective: FA13**

**Rationale:** Curriculum update

## **ASSOCIATE OF ARTS DEGREE POLITICAL SCIENCE**

<b>REQUIRED COURSES:</b>		<b>UNITS</b>
POLIT 100	American Politics	(3.00)
<b>OR</b>		
POLIT 100H	American Politics – Honors	(3.00)

<b>Students must complete at least six units from the following list:</b>		<b>UNITS</b>
POLIT 102	California Politics and Culture	3.00
POLIT 104	Introduction to Comparative Politics	3.00
POLIT 106	Introduction to World Politics	3.00
POLIT 110	Introduction to Political Theory	3.00

<b>Students must complete at least six additional units from the following list:</b>		<b>UNITS</b>
HIST 100	History of the United States to 1877	(3.00)
<b>OR</b>		
HIST 100H	History of the United States to 1877 – Honors	(3.00)
HIST 101	History of the United States 1865 to Present	(3.00)
<b>OR</b>		

Curriculum Meeting: 01/28/13, 02/11/13, 2/25/13, 03/25/13 (academic programs)

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HIST 101H	History of the United States 1865 to Present – Honors	(3.00)
HIST 170	World Civilizations (3500 BCE-1500CE)	(3.00)
<b>OR</b>		
HIST 170H	World Civilizations (3500 BCE-1500CE) – Honors	(3.00)
HIST 171	World Civilizations (1500 CE to the Present)	(3.00)
<b>OR</b>		
HIST 171H	World Civilizations (1500 CE to the Present) – Honors	(3.00)

**Students must complete at least three additional units from the following list:**

		<b>UNITS</b>
ECON 100	Introduction to Economics	3.00
ECON 200	Principles of Macroeconomics	(3.00)
<b>OR</b>		
ECON 200H	Principles of Macroeconomics – Honors	(3.00)
ECON 201	Principles of Microeconomics	(3.00)
<b>OR</b>		
ECON 201H	Principles of Microeconomics – Honors	(3.00)

**RECOMMENDED COURSES:**

**UNITS**

It is recommended that students complete their general education requirements in physical and biological sciences and mathematics by taking the following courses.

GEOG 110	Physical Geography	(3.00)
<b>OR</b>		
GEOG 110H	Physical Geography-Honors	(3.00)
GEOG 111	Physical Geography Laboratory	(1.00)
<b>OR</b>		
GEOG 111H	Physical Geography Laboratory – Honors	(1.00)
ANTHRO 106	Biological Anthropology	(3.00)
<b>OR</b>		
ANTHRO 106H	Biological Anthropology – Honors	(3.00)
MATH 108	Statistics	(4.00)
<b>OR</b>		
PSYCH 108	Statistics	(4.00)

**TOTAL UNITS: 18.00**

*Lower division requirements for students interested in transferring to a four-year institution in this field may differ from associate degree requirements. Prospective transfer students should complete the general education and lower division requirements of the school to which they will be transferring. See a counselor for details. Information is also available at [www.assist.org](http://www.assist.org).*

**Effective: FA13**

**Rationale:** Curriculum update

**ASSOCIATE OF ARTS DEGREE PSYCHOLOGY**

Psychology is one of the most popular majors because it is so useful in research, counseling, human services, marketing, management, emergency services, and law. At Crafton Hills College, this major is supported by a very active student club.

**REQUIRED COURSES:**

**UNITS**

PSYCH 100	General Psychology	(3.00)
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Curriculum Meeting: 01/28/13, 02/11/13, 2/25/13, 03/25/13 (academic programs)

Conjoint Meeting: 03/25/13

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	<b>OR</b>	
PSYCH 100H	General Psychology – Honors	(3.00)
PSYCH 101	Research Methods	3.00
MATH 108	Statistics	(4.00)

	<b>OR</b>	
PSYCH 108	Statistics	(4.00)
PSYCH 111	Developmental Psychology: Lifespan	3.00
BIOL 100	General Biology	4.00

**Elective Courses: Select two courses from the following: UNITS**

PSYCH 102	Personal and Social Adjustment	3.00
PSYCH 103	Theories of Personality	3.00

PSYCH 110	Abnormal Psychology	3.00
PSYCH 118	Human Sexual Behavior	3.00

**TOTAL UNITS: 23.00**

*Lower division requirements for students interested in transferring to a four-year institution in this field may differ from associate degree requirements. Prospective transfer students should complete the general education and lower division requirements of the school to which they will be transferring. See a counselor for details. Information is also available at [www.assist.org](http://www.assist.org).*

**Effective: FA13**

**Rationale:** Curriculum update

**ASSOCIATE OF ARTS DEGREE RELIGIOUS STUDIES**

**REQUIRED COURSES: UNITS**

RELIG 100	Introduction to Religious Studies	(3.00)
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**OR**

RELIG 100H	Introduction to Religious Studies – Honors	(3.00)
RELIG 101	Introduction to World Religions	(3.00)

**OR**

RELIG 101H	Introduction to World Religions – Honors	(3.00)
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**Students must complete at least six units from the following courses: UNITS**

HIST 170	World Civilizations (3500 BCE-1500CE)	(3.00)
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**OR**

HIST 170H	World Civilizations (3500 BCE-1500CE) – Honors	(3.00)
HIST 171	World Civilizations (1500 CE to the Present)	(3.00)

**OR**

HIST 171H	World Civilizations (1500 CE to the Present) – Honors	(3.00)
HUM 101	The Humanities I: Prehistoric to Medieval	3.00
HUM 102	The Humanities II: Renaissance to Post Modern	3.00

**Students must complete at least six additional units from the following courses: UNITS**

RELIG 110	Tribal and Ethnic Religions	(3.00)
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**OR**

ANTHRO 110	Tribal and Ethnic Religions	(3.00)
RELIG 113	Introduction to Eastern Religions	3.00
RELIG 135	Religion in America	(3.00)

**OR**

HIST 135	Religion in America	(3.00)
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Curriculum Meeting: 01/28/13, 02/11/13, 2/25/13, 03/25/13 (academic programs)

Conjoint Meeting: 03/25/13

Board of Trustees Meeting: 04/11/13

RELIG 175	Literature and Religion of the Bible	(3.00)
	<b>OR</b>	
ENGL 175	Literature and Religion of the Bible	(3.00)
RELIG 176	Jesus and His Interpreters	3.00
PHIL 101	Introduction to Philosophy	(3.00)
	<b>OR</b>	
PHIL 101H	Introduction to Philosophy – Honors	(3.00)
PHIL 105	Introduction to Ethics: Moral Values in Today's Society	(3.00)
	<b>OR</b>	
PHIL 105H	Introduction to Ethics: Moral Values in Today's Society – Honors	(3.00)
ENGL 150	Classical Mythology	3.00
	<b>TOTAL UNITS:</b>	<b>18.00</b>

*Lower division requirements for students interested in transferring to a four-year institution in this field may differ from associate degree requirements. Prospective transfer students should complete the general education and lower division requirements of the school to which they will be transferring. See a counselor for details. Information is also available at [www.assist.org](http://www.assist.org).*

**Effective: FA13**

**Rationale:** Curriculum update

### **ASSOCIATE OF ARTS DEGREE SOCIOLOGY**

<b>REQUIRED COURSES:</b>		<b>UNITS</b>
SOC 100	Introduction to Sociology	(3.00)
	<b>OR</b>	
SOC 100H	Introduction to Sociology – Honors	(3.00)
SOC 105	Social Problems	3.00
SOC 141	Minority Relations	3.00

<b>Students must complete at least six units from the following courses:</b>		<b>UNITS</b>
ANTHRO 102	Cultural Anthropology	(3.00)
	<b>OR</b>	
ANTHRO 102H	Cultural Anthropology – Honors	(3.00)
GEOG 102	Cultural Geography	(3.00)
	<b>OR</b>	
GEOG 102H	Cultural Geography – Honors	(3.00)
MATH 108	Statistics	(4.00)
	<b>OR</b>	
PSYCH 108	Statistics	(4.00)
PSYCH 100	General Psychology	(3.00)
	<b>OR</b>	
PSYCH 100H	General Psychology - Honors	(3.00)

**Students must complete at least three additional units from the courses listed above or the following courses:**

		<b>UNITS</b>
SOC 130	Marriage, Family and Intimate Relationships	3.00
SOC 150	Gerontology	3.00
	<b>TOTAL UNITS:</b>	<b>18.00 – 19.00</b>

*Lower division requirements for students interested in transferring to a four-year institution in this field may differ from associate degree requirements. Prospective transfer students should complete the general education and lower division*

requirements of the school to which they will be transferring. See a counselor for details. Information is also available at [www.assist.org](http://www.assist.org).

**Effective: FA13**

**Rationale:** Curriculum update

## ASSOCIATE OF ARTS DEGREE SPANISH

<b>REQUIRED COURSES:</b>		<b>UNITS</b>
SPAN 101	College Spanish I	5.00
SPAN 102	College Spanish II	5.00
SPAN 103	College Spanish III	5.00
SPAN 104	College Spanish IV	5.00
<b>TOTAL UNITS:</b>		<b>20.00</b>

Lower division requirements for students interested in transferring to a four-year institution in this field may differ from associate degree requirements. Prospective transfer students should complete the general education and lower division requirements of the school to which they will be transferring. See a counselor for details. Information is also available at [www.assist.org](http://www.assist.org).

**Effective: FA13**

**Rationale:** Curriculum update

## ASSOCIATE OF ARTS DEGREE THEATRE ARTS

<b>REQUIRED COURSES:</b>		<b>UNITS</b>
THART 100	Introduction to Theatre	(3.00)
<b>OR</b>		
THART 100H	Introduction to Theatre – Honors	(3.00)
THART 120	Beginning Acting	3.00

**Students must choose one area of emphasis from the following two options:**

<b>EMPHASIS IN PERFORMANCE:</b>		<b>UNITS</b>
THART 110	Voice and Diction	(3.00)
<b>OR</b>		
COMMST 110	Voice and Diction	(3.00)
THART 220	Intermediate Acting	3.00
THART 221	Advanced Acting	3.00
THART 124X2 1	Beginning Performance Workshop	3.00
THART 134X4 1	Technical Theatre Workshop	1.00
THART 140X2	Intermediate Performance Workshop	3.00

Students may substitute THART 140X2 or THART 140X4 in lieu of THART 124X2. See a counselor for details.

<b>RECOMMENDED COURSES:</b>		<b>UNITS</b>
THART 140X2	Intermediate Performance Workshop	3.00
THART 145	Advanced Theatre Practicum I	3.00
THART 245	Advanced Theatre Practicum II	3.00
THART 226	Play and Screenplay Analysis	(3.00)
<b>OR</b>		
ENGL 226	Play and Screenplay Analysis	(3.00)

Curriculum Meeting: 01/28/13, 02/11/13, 2/25/13, 03/25/13 (academic programs)

Conjoint Meeting: 03/25/13

Board of Trustees Meeting: 04/11/13



OR

**EMPHASIS IN THEATRE TECHNOLOGY:**

		<b>UNITS</b>
THART 176	Fundamentals of Stagecraft I	3.00
THART 179	Fundamentals of Stagecraft II	3.00
THART 134X4 1	Technical Theatre Workshop	1.00
THART 145	Advanced Theatre Practicum I	3.00
THART 245	Advanced Theatre Practicum II	3.00
	<b>TOTAL UNITS:</b>	<b>20.00 – 26.00</b>

1Must be taken two times

**Effective: FA13**

**Rationale:** Curriculum update

**ASSOCIATE OF SCIENCE DEGREE BIOLOGY**

**REQUIRED COURSES:**

		<b>UNITS</b>
BIOL 130	Cell and Molecular Biology	(4.00)
	<b>OR</b>	
BIOL 130H	Cell and Molecular Biology – Honors	(4.00)
BIOL 131	Populations and Organisms	4.00
CHEM 150	General Chemistry I	(5.00)
	<b>OR</b>	
CHEM 150H	General Chemistry I – Honors	(5.00)
CHEM 151	General Chemistry II	(5.00)
	<b>OR</b>	
CHEM 151H	General Chemistry II – Honors	(5.00)
PHYSIC 110	General Physics I	4.00
PHYSIC 111 1	General Physics II	4.00

***Students wishing to earn an A.S. with an emphasis in either Anatomy and Physiology or Microbiology must also complete:***

**EMPHASIS IN ANATOMY AND PHYSIOLOGY:**

		<b>UNITS</b>
ANAT 150	Human Anatomy and Physiology I	4.00
ANAT 151	Human Anatomy and Physiology II	4.00

**EMPHASIS IN MICROBIOLOGY:**

		<b>UNITS</b>
MICRO 150	Medical Microbiology	(5.00)
	<b>OR</b>	
MICRO 102 1	Introductory Microbiology	(4.00)
	<b>AND</b>	
MICRO 247A	Special Problems in Microbiology	(2.00)
	<b>OR</b>	
MICRO 248A	Special Problems in Microbiology	(3.00)
	<b>TOTAL UNITS:</b>	<b>26.00 – 34.00</b>

1Students may substitute PHYSIC 250-251-252 in lieu of PHYSIC 110-111. See a counselor for details.

1Students who complete MICRO 102 must also take a special problems in microbiology course (MICRO 247A or MICRO 248A).

Lower division requirements for students interested in transferring to a four-year institution in this field may differ from associate degree requirements. Prospective transfer students should complete the general education and lower division requirements of the school to which they will be transferring. See a counselor for details. Information is also available at [www.assist.org](http://www.assist.org).

**Effective: FA13**

**Rationale:** Curriculum update

## ASSOCIATE OF SCIENCE DEGREE BUSINESS ADMINISTRATION

<b>REQUIRED COURSES:</b>		<b>UNITS</b>
ACCT 208	Introduction to Financial Accounting	4.00
BUSAD 100	Introduction to Business	3.00
BUSAD 145	Business Communication	(4.00)
<b>OR</b>		
COMMST 145	Business Communication	(4.00)
BUSAD 200	Business Management	3.00
BUSAD 210	Business Law	3.00
BUSAD 230	Using Computers for Business	(3.00)
<b>OR</b>		
CIS 101	Introduction to Computer and Information Technology	(3.00)
ECON 100	Introduction to Economics	3.00
MARKET 100	Marketing Principles	3.00
<b>TOTAL UNITS:</b>		<b>26.00</b>

Lower division requirements for students interested in transferring to a four-year institution in this field may differ from associate degree requirements. Prospective transfer students should complete the general education and lower division requirements of the school to which they will be transferring. See a counselor for details. Information is also available at [www.assist.org](http://www.assist.org).

**Effective: FA13**

**Rationale:** Curriculum update

## ASSOCIATE OF SCIENCE DEGREE CHEMISTRY

The chemistry program prepares students with an understanding of the fundamental principles of chemistry in a variety of applications. Students learn how chemical knowledge is derived, theorized, and applied in solving problems in everyday life.

<b>REQUIRED COURSES:</b>		<b>UNITS</b>
CHEM 150	General Chemistry I	(5.00)
<b>OR</b>		
CHEM 150H	General Chemistry I – Honors	(5.00)
CHEM 151	General Chemistry II	(5.00)
<b>OR</b>		
CHEM 151H	General Chemistry II – Honors	(5.00)
CHEM 212	Organic Chemistry I	4.00
CHEM 213	Organic Chemistry II	4.00
<b>RECOMMENDED COURSES:</b>		<b>UNITS</b>
MATH 250	Single Variable Calculus I	4.00
MATH 251	Single Variable Calculus II	4.00
*PHYSIC 110	General Physics I	4.00

Curriculum Meeting: 01/28/13, 02/11/13, 2/25/13, 03/25/13 (academic programs)

Conjoint Meeting: 03/25/13

Board of Trustees Meeting: 04/11/13



<b>Students must complete at least twelve additional units from the following courses:</b>		<b>UNITS</b>
CIS 117	Scripting	3.00
CIS 161	Website Design and Programming Using Dreamweaver	3.00
CIS 162	Introduction to Flash	3.00
CIS 163	Introduction to PhotoShop	3.00
CIS 180	Computer Graphics with Adobe Illustrator	1.00 – 3.00
CIS 211	Cascading Style Sheet (CSS) Web Design	3.00

**OR**

### **EMPHASIS IN COMPUTER ASSISTED GRAPHIC DESIGN**

<b>Students must complete at least twelve additional units from the following courses:</b>		<b>UNITS</b>
ART 120	Foundations of Two-Dimensional Design	(3.00)
<b>OR</b>		
ART 124	Drawing I	(3.00)
CIS 163	Introduction to PhotoShop	3.00
CIS 165	Introduction to 3D Modeling and Animation	3.00
CIS 166	Advanced 3D Modeling and Animation	3.00
CIS 180	Computer Graphics with Adobe Illustrator	1.00 – 3:00
CIS 182	Desktop Publishing with Adobe InDesign	1.00 – 3.00
CIS 184	Photoshop and Digital Photography	3.00
<b>TOTAL UNITS:</b>		<b>27.75 – 28.75</b>

*Lower division requirements for students interested in transferring to a four-year institution in this field may differ from associate degree requirements. Prospective transfer students should complete the general education and lower division requirements of the school to which they will be transferring. See a counselor for details. Information is also available at [www.assist.org](http://www.assist.org).*

**Effective: FA13**

**Rationale:** Curriculum update

### **ASSOCIATE OF SCIENCE DEGREE GEOGRAPHY**

<b>REQUIRED COURSES:</b>		<b>UNITS</b>
GEOG 102	Cultural Geography	(3.00)
<b>OR</b>		
GEOG 102H	Cultural Geography – Honors	(3.00)
GEOG 110	Physical Geography	(3.00)
<b>OR</b>		
GEOG 110H	Physical Geography – Honors	(3.00)
GEOG 111	Physical Geography Laboratory	(1.00)
<b>OR</b>		
GEOG 111H	Physical Geography Laboratory – Honors	(1.00)
GEOL 100	Physical Geology	(4.00)
<b>OR</b>		
GEOL 100H	Physical Geology – Honors	(4.00)
<b>OR</b>		
GEOL 160	Geology Laboratory	(1.00)
<b>AND</b>		

Curriculum Meeting: 01/28/13, 02/11/13, 2/25/13, 03/25/13 (academic programs)

Conjoint Meeting: 03/25/13

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GEOL 101	Introduction to Geology	(3.00)
	<b>OR</b>	
GEOL 101H	Introduction to Geology – Honors	(3.00)
GIS 175	Introduction to Information Mapping	3.00

**Students must complete at least eight units from the following courses: UNITS**

GEOG 120	World Regional Geography	3.00
GEOG 126	Geography of California	3.00
ANTHRO 102	Cultural Anthropology	(3.00)
	<b>OR</b>	
ANTHRO 102H	Cultural Anthropology – Honors	(3.00)
ANTHRO 106	Biological Anthropology	(3.00)
	<b>OR</b>	
ANTHRO 106H	Biological Anthropology – Honors	(3.00)
CHEM 101	Introduction to Chemistry	4.00
	<b>OR</b>	
CHEM 150	General Chemistry I	(5.00)
	<b>OR</b>	
CHEM 150H	General Chemistry I – Honors	(5.00)
CHEM 151	General Chemistry II	(5.00)
	<b>OR</b>	
CHEM 151H	General Chemistry II – Honors	(5.00)
GEOL 170	Geologic History of the Great Basin	1.00
GEOL 175	Geology of the Eastern Mojave Desert	1.00
GEOL 177	Geology of the High Desert and Western Mojave Desert Region	1.00
GEOL 180	Geology of Joshua Tree National Park	1.00
GEOL 181	Geology of the Anza Borrego Region	1.00
GEOL 190	Geology of the Eastern Sierra Nevada, Northern Section	1.00
GEOL 250	Geology of California	3.00
GEOL 270	Geology of the Eastern Sierra Nevada	1.00
MATH 103	Plane Trigonometry	4.00
POLIT 102	California Politics and Culture	3.00
	<b>TOTAL UNITS:</b>	<b>22.00</b>

*Lower division requirements for students interested in transferring to a four-year institution in this field may differ from associate degree requirements. Prospective transfer students should complete the general education and lower division requirements of the school to which they will be transferring. See a counselor for details. Information is also available at [www.assist.org](http://www.assist.org).*

**Effective: FA13**

**Rationale:** Curriculum update

**ASSOCIATE OF SCIENCE DEGREE GEOLOGY**

<b>REQUIRED COURSES:</b>		<b>UNITS</b>
GEOL 100	Physical Geology	(4.00)
	<b>OR</b>	
GEOL 100H	Physical Geology – Honors	(4.00)
	<b>OR</b>	
GEOL 160	Geology Laboratory	(1.00)
	<b>AND</b>	
GEOL 101	Introduction to Geology	(3.00)
	<b>OR</b>	

Curriculum Meeting: 01/28/13, 02/11/13, 2/25/13, 03/25/13 (academic programs)

Conjoint Meeting: 03/25/13

Board of Trustees Meeting: 04/11/13

GEOL 101H	Introduction to Geology – Honors	(3.00)
GEOL 112	Historical Geology	4.00
CHEM 150	General Chemistry I	(5.00)
<b>OR</b>		
CHEM 150H	General Chemistry I – Honors	(5.00)
CHEM 151	General Chemistry II	(5.00)
<b>OR</b>		
CHEM 151H	General Chemistry II – Honors	(5.00)
MATH 250	Single Variable Calculus I	4.00
MATH 251	Single Variable Calculus II	4.00
PHYSIC 250 1	College Physics I	4.00

**Students must complete at least two units from the following courses: UNITS**

GEOL 170	Geologic History of the Great Basin	1.00
GEOL 175	Geology of the Eastern Mojave Desert	1.00
GEOL 177	Geology of the High Desert and Western Mojave Desert Region	1.00
GEOL 180	Geology of Joshua Tree National Park	1.00
GEOL 181	Geology of the Anza Borrego Region	1.00
GEOL 190	Geology of the Eastern Sierra Nevada, Northern Section	1.00
GEOL 270	Geology of the Eastern Sierra Nevada	1.00

**RECOMMENDED COURSES: UNITS**

PHYSIC 251	College Physics II	4.00
PHYSIC 252	College Physics III	4.00
GEOL 170	Geologic History of the Great Basin	1.00
GEOL 175	Geology of the Eastern Mojave Desert	1.00
GEOL 180	Geology of Joshua Tree National Park	1.00
GEOL 181	Geology of the Anza Borrego Region	1.00
GEOL 190	Geology of the Eastern Sierra Nevada, Northern Section	1.00
GEOL 270	Geology of the Eastern Sierra Nevada	1.00
GEOL 250	Geology of California	3.00
GEOL 251	Geology of National Parks and Monuments	3.00
GIS 175	Introduction to Information Mapping	3.00
OCEAN 101	Elements of Oceanography	3.00

**TOTAL UNITS: 32.00**

1Students may substitute PHYSIC 200 in lieu of PHYSIC 250. See a counselor for details.

*Lower division requirements for students interested in transferring to a four-year institution in this field may differ from associate degree requirements. Prospective transfer students should complete the general education and lower division requirements of the school to which they will be transferring. See a counselor for details. Information is also available at [www.assist.org](http://www.assist.org).*

**Effective: FA13**

**Rationale:** Curriculum update

## ASSOCIATE OF SCIENCE DEGREE MATHEMATICS

Curriculum Meeting: 01/28/13, 02/11/13, 2/25/13, 03/25/13 (academic programs)

Conjoint Meeting: 03/25/13

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The mathematics department offers a major program which may be adapted to serve a variety of needs and interests. Students may develop elective patterns which will prepare them to transfer to an upper division mathematics program or for employment.

<b>REQUIRED COURSES:</b>		<b>UNITS</b>
MATH 250	Single Variable Calculus I	4.00
MATH 251	Single Variable Calculus II	4.00
MATH 252	Multivariable Calculus	5.00

**Students must complete at least five units from the following courses:** **UNITS**  
 MATH 108 Statistics (4.00)

**OR**

PSYCH 108	Statistics	(4.00)
MATH 115	The Ideas of Mathematics	3.00
MATH 266	Introduction to Ordinary Differential Equations	3.00
CIS 103	Programming in Visual Basic	3.00
CIS 114	C++ Programming I	3.00
CIS 115	Programming in C	3.00
CIS 116	C++ Programming II	3.00
PHYSIC 110	General Physics I	4.00
PHYSIC 111	General Physics II	4.00
PHYSIC 250 1	College Physics I	4.00
PHYSIC 251	College Physics II	4.00
PHYSIC 252	College Physics III	4.00
MATH 265	Linear Algebra	3.00
MATH 200	Discrete Structures	(4.00)

**OR**

CSCI 200	Discrete Structures	(4.00)
<b>TOTAL UNITS:</b>		<b>18.00</b>

<sup>1</sup>Students may substitute PHYSIC 200-201 in lieu of PHYSIC 250-251-252. See a counselor for details.

*Lower division requirements for students interested in transferring to a four-year institution in this field may differ from associate degree requirements. Prospective transfer students should complete the general education and lower division requirements of the school to which they will be transferring. See a counselor for details. Information is also available at [www.assist.org](http://www.assist.org).*

**Effective: FA13**

**Rationale:** Curriculum update

## **ASSOCIATE OF SCIENCE DEGREE PHYSICS**

<b>REQUIRED COURSES:</b>		<b>UNITS</b>
PHYSIC 250	College Physics I	4.00
PHYSIC 251	College Physics II	4.00
PHYSIC 252 1	College Physics III	4.00
CHEM 150	General Chemistry I	(5.00)
<b>OR</b>		
CHEM 150H	General Chemistry I – Honors	(5.00)
CHEM 151	General Chemistry II	(5.00)
<b>OR</b>		
CHEM 151H	General Chemistry II – Honors	(5.00)

Curriculum Meeting: 01/28/13, 02/11/13, 2/25/13, 03/25/13 (academic programs)

Conjoint Meeting: 03/25/13

Board of Trustees Meeting: 04/11/13

MATH 250	Single Variable Calculus I	4.00
MATH 251	Single Variable Calculus II	4.00
MATH 252	Multivariable Calculus	5.00
<b>RECOMMENDED COURSE:</b>		<b>UNITS</b>
MATH 266	Introduction to Ordinary Differential Equations	3.00
<b>TOTAL UNITS:</b>		<b>35.00</b>

1Students may substitute PHYSIC 200-201 in lieu of PHYSIC 250-251-252. See a counselor for details.

*Lower division requirements for students interested in transferring to a four-year institution in this field may differ from associate degree requirements. Prospective transfer students should complete the general education and lower division requirements of the school to which they will be transferring. See a counselor for details. Information is also available at [www.assist.org](http://www.assist.org).*

## ASSOCIATE OF SCIENCE DEGREE RESPIRATORY CARE

*Crafton Hills College offers the Respiratory Care Program. Admission is open to all students who have completed the prerequisite courses. Contact the Program Office at (909) 389-3286 for more information about application materials and registration procedures. The Respiratory Care program at Crafton Hills College is accredited by the Commission on Accreditation for Respiratory Care ([www.coarc.com](http://www.coarc.com))*

Contact: Commission on Accreditation for Respiratory Care  
1248 Harwood Road  
Bedford, Texas 76021-4244  
(817) 283-2835

Enrollment is limited to 35 students. Acceptance will be based on a point system. Students must complete RESP 050 (Introduction to Respiratory Care), AH 101 (Medical Terminology), and ANAT 101 (Essentials of Human Anatomy and Physiology) and will have three points. Additional points can be earned with the completion of MICRO 102 (Introductory Microbiology), CHEM 101 (Introduction to Chemistry), or general education units required for an Associate of Science Degree and/or completion of an Associate degree or higher. Students with six points will be accepted first, then students with five points etc., until all 35 seats are filled. It is definitely to a student's advantage to have all six points.

**NOTE: Prior to acceptance in this program, the student must show proof of a clear criminal background check.** All prospective students must submit a high school diploma or equivalent before acceptance into the program. If courses are being transferred from other colleges, sealed transcripts must be submitted to the Program Office and Admissions and Records.

<b>PREADMISSION COURSES:</b>		<b>UNITS</b>
RESP 050	Introduction to Respiratory Care	2.00
<b>AND</b>		
AH 101	Medical Terminology	3.00
<b>AND</b>		
ANAT 101	Essentials of Human Anatomy and Physiology	4.00

## ADDITIONAL ENTRANCE POINTS AND REQUIRED COURSES FOR THE CERTIFICATE AND DEGREE:

Curriculum Meeting: 01/28/13, 02/11/13, 2/25/13, 03/25/13 (academic programs)  
Conjoint Meeting: 03/25/13  
Board of Trustees Meeting: 04/11/13  
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		<b>UNITS</b>
MICRO 102	Introductory Microbiology	4.00
CHEM 101	Introduction to Chemistry	4.00

General Education courses required for an Associate of Science Degree in Registry Eligible Respiratory Therapy. Please see a counselor for additional information.

<b>REQUIRED COURSES:</b>		<b>UNITS</b>
RESP 051	Cardiopulmonary Resuscitation: Basic Life Support Healthcare Provider	1.00
RESP 130	Fundamentals of Respiratory Care I	4.00
RESP 131	Fundamentals of Respiratory Care Skills I	11.00
RESP 132	Pulmonary Assessment	4.25
RESP 133	Respiratory Care Clinical Application I	1.25
RESP 134	Introduction to Pharmacology and Drug Therapy	4.25
RESP 135	Fundamentals of Respiratory Care II	4.00
RESP 136	Fundamentals of Respiratory Care Skills II	6.00
RESP 137	Respiratory Care Clinical Application II	7.50
RESP 138	Clinical Medicine I	1.50
RESP 139	Perinatal and Pediatric Respiratory Care	4.25
RESP 230	Advanced Theory of Respiratory Care I	2.25
RESP 231	Advanced Respiratory Care Skills Laboratory I	3.00
RESP 232	Physiologic Basis of Respiratory Disease I	2.50
RESP 233	Advanced Respiratory Care Clinical Application I	3.00
RESP 234	Advanced Theory of Respiratory Care II	4.00
RESP 235	Physiologic Basis of Respiratory Disease II	5.00
RESP 236	Advanced Respiratory Care Clinical Application II	7.50
RESP 237	Advanced Respiratory Care Skills Laboratory II	5.25
RESP 238	Entry Level and Advanced Practitioner Examinations: Review and Seminar	5.00
<b>TOTAL UNITS:</b>		<b>103.50</b>

*Lower division requirements for students interested in transferring to a four-year institution in this field may differ from associate degree requirements. Prospective transfer students should complete the general education and lower division requirements of the school to which they will be transferring. See a counselor for details.*

**Effective: FA13**

**Rationale:** Curriculum update

## MULTIDISCIPLINARY DEGREE MODIFICATIONS

### ASSOCIATE OF ARTS FINE ARTS DEGREE

The Associate of Arts degree in Fine Arts focuses on the development of creative expression and critical inquiry in music and the arts. Students will appreciate the value of artistic expression and human creativity in the fine arts and evaluate them as a part of human culture and human creativity. This degree is multidisciplinary giving students the knowledge and experience in theatre arts, the visual arts, music and dance.

To complete the requirements for the Associate of Arts degree, a student must:

1. Complete the requirements for an associate degree (see requirements 1 through 8 on page xx).

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Conjoint Meeting: 03/25/13

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2. Complete a minimum of eighteen (18) units with a "C" or better in each course in the following multidisciplinary program.
3. Complete elective units to meet the minimum 60 units required for the associate degree.

**REQUIRED COURSES:**

A minimum of six units must be taken from the following courses in at least two disciplines.

		<b>UNITS</b>
ART 100	Art History I: Prehistoric Art to Medieval Art	3.00
ART 102	Art History II: Renaissance Art to Modern Art	3.00
MUSIC 103	Appreciation of American Popular Music	(3.00)
<b>OR</b>		
MUSIC 103H	Appreciation of American Popular Music – Honors	(3.00)
MUSIC 120	Appreciation of Musical Literature	(3.00)
<b>OR</b>		
MUSIC 120H	Appreciation of Musical Literature – Honors	(3.00)
THART 100	Introduction to Theatre	(3.00)
<b>OR</b>		
THART 100H	Introduction to Theatre – Honors	(3.00)

Students must complete at least twelve additional units from the following courses in at least two disciplines:

<b>ART</b>		<b>UNITS</b>
ART 100	Art History I: Prehistoric Art to Medieval Art	3.00
ART 102	Art History II: Renaissance Art to Modern Art	3.00
ART 105	History of Modern Art	3.00
ART 119	Digital Video Art	3.00
ART 120	Foundations of Two-Dimensional Design	3.00
ART 121	Foundations of Three-Dimensional Design	3.00
ART 124	Drawing I	3.00
ART 126	Painting I	3.00
ART 132	Life Drawing I	3.00
ART 175	Sculpture	3.00
ART 200	Printmaking	3.00
ART 204	Contemporary Topics in American Art	1.00
ART 226	Painting II	3.00
ART 232	Life Drawing II	3.00
<b>MUSIC</b>		<b>UNITS</b>
MUSIC 100	Fundamental Skills in Music	3.00
MUSIC 101	Music Theory I	4.00
MUSIC 102	Music Theory II	4.00
MUSIC 103	Appreciation of American Popular Music	(3.00)
<b>OR</b>		
MUSIC 103H	Appreciation of American Popular Music – Honors	(3.00)
MUSIC 120	Appreciation of Musical Literature	(3.00)
<b>OR</b>		
MUSIC 120H	Appreciation of Musical Literature – Honors	(3.00)
MUSIC 132	Guitar I	2.00
MUSIC 133	Guitar II	2.00
MUSIC 134	Jazz History	3.00

MUSIC 135	Piano I	2.00
MUSIC 136	Piano II	2.00
MUSIC 150X4	Concert Choir I	2.00
MUSIC 164X4	Concert Band	2.00
MUSIC 174X4	Jazz Band I	2.00
MUSIC 179X4	Contemporary Ensemble	2.00
MUSIC 180X4	Musical Theatre Workshop	2.00
MUSIC 190	Songwriting and Composition	3.00
MUSIC 195	Music Technology and Recording	4.00
MUSIC 201	Music Theory III	4.00
MUSIC 202	Music Theory IV	4.00
MUSIC 232	Guitar III	2.00
MUSIC 233	Guitar IV	2.00
MUSIC 235	Piano III	2.00
MUSIC 236	Piano IV	2.00
<b>THEATRE ARTS</b>		<b>UNITS</b>
THART 100	Introduction to Theatre	(3.00)
	<b>OR</b>	
THART 100H	Introduction to Theatre – Honors	(3.00)
THART 108	World Drama I	(3.00)
	<b>OR</b>	
ENGL 108	World Drama I	(3.00)
THART 109	World Drama II	(3.00)
	<b>OR</b>	
ENGL 109	World Drama II	(3.00)
THART 110	Voice and Diction	(3.00)
	<b>OR</b>	
COMMST 110	Voice and Diction	(3.00)
THART 120	Beginning Acting	3.00
THART 124X2	Beginning Performance Workshop	3.00
THART 133	Audition Techniques	1.00
THART 134X4	Technical Theatre Workshop	1.00
THART 140X2	Intermediate Performance Workshop	3.00
THART 145	Advanced Theatre Practicum I	3.00
THART 150	Summer Theatre Workshop	3.00
THART 174X4	Dance Production Workshop	(2.00)
	<b>OR</b>	
DANCE 174X4	Dance Production Workshop	(2.00)
THART 176	Fundamentals of Stagecraft I	3.00
THART 179	Fundamentals of Stagecraft II	3.00
THART 205	Play Directing	3.00
THART 220	Intermediate Acting	3.00
THART 221	Advanced Acting	3.00
THART 226	Play and Screenplay Analysis	(3.00)
	<b>OR</b>	
ENGL 226	Play and Screenplay Analysis	(3.00)
THART 245	Advanced Theatre Practicum II	3.00
THART 250	Advanced Summer Theatre Workshop	3.00
	<b>TOTAL UNITS:</b>	<b>18.00</b>

*Students planning to transfer to a four-year university are cautioned that this degree may not meet all of the lower division requirements for transfer into a particular major; however, through careful educational planning with a counselor, this degree*

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would offer a solid foundation in the transfer process. Students should consult with a counselor for specific information regarding their intended major at the university of their choice.

**Effective: FA13**

**Rationale:** Curriculum update

## **ASSOCIATES OF ARTS HUMANITIES DEGREE**

The Associate of Arts degree in Humanities emphasizes the study of cultural, literary, humanistic and artistic expression within the context of the human experience. Students will evaluate and interpret the ways in which people in different cultures have responded to themselves and the world around them throughout history. This degree is multidisciplinary, preparing students to transfer in majors such as history, English, philosophy, religious studies and other areas in the humanities.

To complete the requirements for the Associate of Arts degree, a student must:

1. To complete the requirements for an associate degree (see requirements 1 through 8 on page xx).
2. Complete a minimum of eighteen (18) units with a "C" or better in each course in the following multidisciplinary program.
3. Complete elective units to meet the minimum 60 units required for the associate degree.

### **REQUIRED COURSES:**

A minimum of three (3) units must be taken from each of the following groups.

<b>HISTORY AND CIVILIZATION</b>		<b>UNITS</b>
HIST 170	World Civilizations (3500 BCE-1500CE)	(3.00)
<b>OR</b>		
HIST 170H	World Civilizations (3500 BCE-1500CE) – Honors	(3.00)
HIST 171	World Civilizations (1500 CE to the Present)	(3.00)
<b>OR</b>		
HIST 171H	World Civilizations (1500 CE to the Present) – Honors	(3.00)
HUM 101	The Humanities I: Prehistoric to Medieval	3.00
HUM 102	The Humanities II: Renaissance to Post Modern	3.00
<b>PHILOSOPHY AND RELIGION</b>		<b>UNITS</b>
PHIL 101	Introduction to Philosophy	(3.00)
<b>OR</b>		
PHIL 101H	Introduction to Philosophy – Honors	(3.00)
PHIL 105	Introduction to Ethics: Moral Values in Today's Society	(3.00)
<b>OR</b>		
PHIL 105H	Introduction to Ethics: Moral Values in Today's Society – Honors	(3.00)
RELIG 100	Introduction to Religious Studies	(3.00)
<b>OR</b>		
RELIG 100H	Introduction to Religious Studies – Honors	(3.00)
RELIG 101	Introduction to World Religions	(3.00)
<b>OR</b>		
RELIG 101H	Introduction to World Religions – Honors	(3.00)
RELIG 113	Introduction to Eastern Religions	3.00
RELIG 110	Tribal and Ethnic Religions	(3.00)
<b>OR</b>		
ANTHRO 110	Tribal and Ethnic Religions	(3.00)
RELIG 135	Religion in America	(3.00)

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	<b>OR</b>	
HIST 135	Religion in America	(3.00)
RELIG 175	Literature and Religion of the Bible	(3.00)

	<b>OR</b>	
ENGL 175	Literature and Religion of the Bible	(3.00)
RELIG 176	Jesus and His Interpreters	3.00
ENGL 150	Classical Mythology	3.00

<b>FINE ARTS</b>		<b>UNITS</b>
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ART 100	Art History I: Prehistoric Art to Medieval Art	3.00
ART 102	Art History II: Renaissance Art to Modern Art	3.00
ART 105	History of Modern Art	3.00
ENGL 170	The Film Experience	3.00
HUM 140	Humanities Through the Arts	3.00
MUSIC 103	Appreciation of American Popular Music	(3.00)

	<b>OR</b>	
MUSIC 103H	Appreciation of American Popular Music – Honors	(3.00)
MUSIC 120	Appreciation of Musical Literature	(3.00)

	<b>OR</b>	
MUSIC 120H	Appreciation of Musical Literature – Honors	(3.00)
MUSIC 134	Jazz History	3.00
THART 100	Introduction to Theatre	(3.00)

	<b>OR</b>	
THART 100H	Introduction to Theatre – Honors	(3.00)

<b>LITERATURE</b>		<b>UNITS</b>
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ENGL 108	World Drama I	(3.00)
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	<b>OR</b>	
THART 108	World Drama I	(3.00)
ENGL 109	World Drama II	(3.00)

	<b>OR</b>	
THART 109	World Drama II	(3.00)
ENGL 155	Children's Literature	(3.00)

	<b>OR</b>	
ENGL 155H	Children's Literature – Honors	(3.00)
ENGL 160	Literature by Women	3.00
ENGL 163	Chicano/Latino Literature	3.00
ENGL 250	Fiction	3.00
ENGL 260	Survey of American Literature I	3.00
ENGL 261	Survey of American Literature II	3.00
ENGL 270	Survey of British Literature I	3.00
ENGL 271	Survey of British Literature II	3.00
ENGL 275	Shakespeare	3.00
ENGL 280	World Literature to the 17th Century	3.00
ENGL 281	World Literature from the 17th Century to the Present	3.00

<b>TOTAL UNITS:</b>	<b>18.00</b>
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*Students planning to transfer to a four-year university are cautioned that this degree may not meet all of the lower division requirements for transfer into a particular major; however, through careful educational planning with a counselor, this degree would offer a solid foundation in the transfer process. Students should consult with a counselor for specific information regarding their intended major at the university of their choice.*

**Effective: FA13**

**Rationale:** Curriculum update

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## ASSOCIATE OF ARTS LIBERAL STUDIES – TEACHER PREPARATION DEGREE

The Associate of Arts Liberal Studies-Teacher Preparation degree is designed for students intending to transfer to a four year college or university with the goal of a career in teaching.

The courses in the degree satisfy the CHC general education requirements for the associate degree, prepare students for the majority of their lower division courses in education, and fulfill the IGETC and CSU Breadth general education requirements and the courses needed for a degree in liberal studies at transfer institutions. Students should consult with a counselor for specific information regarding transfer coursework required at the university of their choice.

<b>REQUIRED COURSES:</b>		<b>UNITS</b>
CD 105	Child Growth and Development	3.00
CD 211	Observation and Methods in School-Age Development	(3.00)
<b>OR</b>		
CD 212	Observation and Methods in Early Child Development	(3.00)
CD 295	Elementary Laboratory	3.00
EDU 290	Introduction to Education	3.00

<b>Students must complete at least six units from the following courses:</b>		<b>UNITS</b>
CD 244	Children with Special Needs	3.00
CD 182	Teaching in a Diverse Society	3.00
CIS 101	Introduction to Computer and Information Technology	(3.00)
<b>OR</b>		
BUSAD 230	Using Computers for Business	(3.00)

*Students should complete the following courses to fulfill the general education requirements of the associate degree.*

<b>REQUIRED GENERAL EDUCATION COURSES:</b>		<b>UNITS</b>
BIOL 100	General Biology	4.00
CHEM 101	Introduction to Chemistry	(4.00)
<b>OR</b>		
PHYSIC 100	Introduction to Physics	(4.00)
MATH 115	The Ideas of Mathematics	3.00
ENGL 101	Freshman Composition	(4.00)
<b>OR</b>		
ENGL 101H	Freshman Composition – Honors	(4.00)
POLIT 100	American Politics	(3.00)
<b>OR</b>		
POLIT 100H	American Politics – Honors	(3.00)
HEALTH 102	Biological Principles of Health	3.00

<b>Students must complete at least three additional units from the following courses:</b>		<b>UNITS</b>
HIST 100	History of the United States to 1877	(3.00)
<b>OR</b>		
HIST 100H	History of the United States to 1877 – Honors	(3.00)
HIST 101	History of the United States 1865 to Present	(3.00)
<b>OR</b>		
HIST 101H	History of the United States 1865 to Present – Honors	(3.00)

**Students must complete at least three additional units from the following courses:**

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		<b>UNITS</b>
ENGL 152	Intermediate Composition and Literature	4.00
ENGL 155	Children's Literature	(3.00)
<b>OR</b>		
ENGL 155H	Children's Literature – Honors	(3.00)
ENGL 280	World Literature to the 17th Century	3.00
ENGL 281	World Literature from the 17th Century to the Present	3.00
ENGL 108	World Drama I	(3.00)
<b>OR</b>		
THART 108	World Drama I	(3.00)
ENGL 109	World Drama II	(3.00)
<b>OR</b>		
THART 109	World Drama II	(3.00)

**Students must complete at least four additional units from the following courses:**

		<b>UNITS</b>
ARABIC 102	College Arabic II	5.00
ARABIC 103	College Arabic III	5.00
ARABIC 104	College Arabic IV	5.00
ASL 102	American Sign Language II	4.00
ASL 103	American Sign Language III	4.00
ASL 104	American Sign Language IV	4.00
FRENCH 102	College French II	5.00
FRENCH 103	College French III	5.00
FRENCH 104	College French IV	5.00
JAPN 102	College Japanese II	5.00
JAPN 103	College Japanese III	5.00
JAPN 104	College Japanese IV	5.00
SPAN 102	College Spanish II	5.00
SPAN 103	College Spanish III	5.00
SPAN 104	College Spanish IV	5.00

**Students must complete at least three additional units from the following courses:**

		<b>UNITS</b>
HUM 101	The Humanities I: Prehistoric to Medieval	3.00
HUM 102	The Humanities II: Renaissance to Post Modern	3.00
PHIL 101	Introduction to Philosophy	(3.00)
<b>OR</b>		
PHIL 101H	Introduction to Philosophy – Honors	(3.00)
PHIL 105	Introduction to Ethics: Moral Values in Today's Society	(3.00)
<b>OR</b>		
PHIL 105H	Introduction to Ethics: Moral Values in Today's Society – Honors	(3.00)
RELIG 100	Introduction to Religious Studies	(3.00)
<b>OR</b>		
RELIG 100H	Introduction to Religious Studies – Honors	(3.00)
RELIG 101	Introduction to World Religions	(3.00)
<b>OR</b>		
RELIG 101H	Introduction to World Religions – Honors	(3.00)

**Students must complete at least three additional units from the following courses:**

		<b>UNITS</b>
ART 100	Art History I: Prehistoric Art to Medieval Art	3.00
ART 102	Art History II: Renaissance Art to Modern Art	3.00

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MUSIC 120	Appreciation of Musical Literature	(3.00)
	<b>OR</b>	
MUSIC 120H	Appreciation of Musical Literature – Honors	(3.00)
THART 100	Introduction to Theatre	(3.00)
	<b>OR</b>	
THART 100H	Introduction to Theatre – Honors	(3.00)

**Students must complete at least three additional units from the following courses:**

		<b>UNITS</b>
COMMST 100	Elements of Public Speaking	(3.00)
	<b>OR</b>	
COMMST 100H	Elements of Public Speaking – Honors	(3.00)
COMMST 111	Interpersonal Communication	(3.00)
	<b>OR</b>	
COMMST 111H	Interpersonal Communication – Honors	(3.00)
COMMST 140	Small Group Communication	3.00

**Students must complete at least three additional units from the following courses:**

		<b>UNITS</b>
ENGL 102	Intermediate Composition and Critical Thinking	(4.00)
	<b>OR</b>	
ENGL 102H	Intermediate Composition and Critical Thinking – Honors	(4.00)
PHIL 103	Introduction to Logic: Argument and Evidence	3.00
COMMST 125	Critical Thinking Through Argumentation and Debate	(3.00)
	<b>OR</b>	
COMMST 125H	Critical Thinking Through Argumentation and Debate – Honors	(3.00)
	<b>TOTAL UNITS:</b>	<b>61.00 – 64.00</b>

*Lower division requirements for students interested in transferring to a four-year institution in this field may differ from associate degree requirements. Prospective transfer students should complete the general education and lower division requirements of the school to which they will be transferring. See a counselor for details. Information is also available at [www.assist.org](http://www.assist.org).*

**Effective: FA13**

**Rationale:** Curriculum update

## **ASSOCIATES OF ARTS SOCIAL SCIENCE DEGREE**

The Associate of Arts degree in Social Science emphasizes the study of social and behavioral sciences. Students will recognize, describe and analyze individual behaviors and social institutions that influence our world. This degree is multidisciplinary, preparing students to transfer in majors such as psychology, sociology, political science, history, anthropology and religious studies.

To complete the requirements for the Associate of Arts degree, a student must:

1. Complete the requirements for an associate degree (see requirements 1 through 8 on page xx).
2. Complete a minimum of eighteen (18) units with a "C" or better in each course in the following multidisciplinary program.
3. Complete elective units to meet the minimum 60 units required for the associate degree.

### **REQUIRED COURSES:**

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A minimum of three (3) units must be taken from each of the following groups.

<b>HISTORY AND CULTURE</b>		<b>UNITS</b>
ANTHRO 102	Cultural Anthropology	(3.00)
<b>OR</b>		
ANTHRO 102H	Cultural Anthropology – Honors	(3.00)
GEOG 102	Cultural Geography	(3.00)
<b>OR</b>		
GEOG 102H	Cultural Geography – Honors	(3.00)
GEOG 120	World Regional Geography	3.00
HIST 100	History of the United States to 1877	(3.00)
<b>OR</b>		
HIST 100H	History of the United States to 1877 – Honors	(3.00)
HIST 101	History of the United States 1865 to Present	(3.00)
<b>OR</b>		
HIST 101H	History of the United States 1865 to Present – Honors	(3.00)
HIST 170	World Civilizations (3500 BCE-1500CE)	(3.00)
<b>OR</b>		
HIST 170H	World Civilizations (3500 BCE-1500CE) – Honors	(3.00)
HIST 171	World Civilizations (1500 CE to the Present)	(3.00)
<b>OR</b>		
HIST 171H	World Civilizations (1500 CE to the Present) – Honors	(3.00)
<b>POLITICAL AND SOCIAL INSTITUTIONS</b>		<b>UNITS</b>
ECON 100	Introduction to Economics	3.00
ECON 200	Principles of Macroeconomics	(3.00)
<b>OR</b>		
ECON 200H	Principles of Macroeconomics – Honors	(3.00)
ECON 201	Principles of Microeconomics	(3.00)
<b>OR</b>		
ECON 201H	Principles of Microeconomics – Honors	(3.00)
POLIT 100	American Politics	(3.00)
<b>OR</b>		
POLIT 100H	American Politics – Honors	(3.00)
POLIT 102	California Politics and Culture	3.00
POLIT 104	Introduction to Comparative Politics	3.00
POLIT 106	Introduction to World Politics	3.00
POLIT 110	Introduction to Political Theory	3.00
<b>PHILOSOPHY AND RELIGION</b>		<b>UNITS</b>
PHIL 101	Introduction to Philosophy	(3.00)
<b>OR</b>		
PHIL 101H	Introduction to Philosophy – Honors	(3.00)
PHIL 105	Introduction to Ethics: Moral Values in Today's Society	(3.00)
<b>OR</b>		
PHIL 105H	Introduction to Ethics: Moral Values in Today's Society – Honors	(3.00)
RELIG 100	Introduction to Religious Studies	(3.00)
<b>OR</b>		
RELIG 100H	Introduction to Religious Studies – Honors	(3.00)
RELIG 101	Introduction to World Religions	(3.00)
<b>OR</b>		
RELIG 101H	Introduction to World Religions – Honors	(3.00)
RELIG 110	Tribal and Ethnic Religions	(3.00)

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	<b>OR</b>	
ANTHRO 110	Tribal and Ethnic Religions	(3.00)
RELIG 113	Introduction to Eastern Religions	3.00
RELIG 135	Religion in America	(3.00)
	<b>OR</b>	
HIST 135	Religion in America	(3.00)
RELIG 176	Jesus and His Interpreters	3.00
<b>BEHAVIORAL SCIENCE</b>		<b>UNITS</b>
CD 105	Child Growth and Development	3.00
CD 126	Child, Family and Community	3.00
PSYCH 100	General Psychology	(3.00)
	<b>OR</b>	
PSYCH 100H	General Psychology – Honors	(3.00)
PSYCH 102	Personal and Social Adjustment	3.00
PSYCH 103	Theories of Personality	3.00
PSYCH 110	Abnormal Psychology	3.00
PSYCH 111	Developmental Psychology: Lifespan	3.00
PSYCH 118	Human Sexual Behavior	3.00
SOC 100	Introduction to Sociology	(3.00)
	<b>OR</b>	
SOC 100H	Introduction to Sociology – Honors	(3.00)
SOC 105	Social Problems	3.00
SOC 130	Marriage, Family and Intimate Relationships	3.00
SOC 141	Minority Relations	3.00
SOC 150	Gerontology	3.00
	<b>TOTAL UNITS:</b>	<b>18.00</b>

*Students planning to transfer to a four-year university are cautioned that this degree may not meet all of the lower division requirements for transfer into a particular major; however, through careful educational planning with a counselor, this degree would offer a solid foundation in the transfer process. Students should consult with a counselor for specific information regarding their intended major at the university of their choice.*

**Effective: FA13**

**Rationale:** Curriculum update

## **ASSOCIATE OF SCIENCE ENVIRONMENTAL SCIENCE DEGREE**

The Associate of Science degree in Environmental Science provides students with the basic content required for students majoring in Environmental Sciences, with emphasis in the fields of biology and the geosciences. The study of the environment provides the general knowledge necessary to understand our role on our planet.

To complete the requirements for the Associate of Science degree, a student must:

1. Complete the requirements for an associate degree (see requirements 1 through 8 on page xx).
2. Complete a minimum of eighteen (18) units with a "C" or better in each course in the following multidisciplinary program.
3. Complete elective units to meet the minimum 60 units required for the associate degree.

<b>REQUIRED COURSES:</b>		<b>UNITS</b>
BIOL 100	General Biology	(4.00)

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		<b>OR</b>	
BIOL 130	Cell and Molecular Biology		(4.00)
		<b>OR</b>	
BIOL 130H	Cell and Molecular Biology – Honors		(4.00)
CHEM 101	Introduction to Chemistry		(4.00)
		<b>OR</b>	
CHEM 150	Chemistry I		(5.00)
		<b>OR</b>	
CHEM 150H	General Chemistry I – Honors		(5.00)
GEOL 100	Physical Geology		(4.00)
		<b>OR</b>	
GEOL 100H	Physical Geology – Honors		(4.00)
		<b>OR</b>	
GEOL 160	Geology Laboratory		(1.00)
		<b>AND</b>	
GEOL 101	Introduction to Geology		(3.00)
		<b>OR</b>	
GEOL 101H	Introduction to Geology – Honors		(3.00)

In addition to the required coursework, each student must choose an emphasis and take at least twelve (12) units from one of the following areas:

<b>EMPHASIS IN BIOLOGICAL SCIENCES</b>		<b>UNITS</b>
BIOL 123	Ecology and Environment	3.00
BIOL 131	Populations and Organisms	4.00
CHEM 151	General Chemistry II	(5.00)
		<b>OR</b>
CHEM 151H	General Chemistry II – Honors	(5.00)
CHEM 102	Introduction to Organic Chemistry	(4.00)
		<b>OR</b>
CHEM 212	Organic Chemistry I	(4.00)
CHEM 213	Organic Chemistry II	4.00
<b>EMPHASIS IN GEOSCIENCE STUDIES</b>		<b>UNITS</b>
GEOG 110	Physical Geography	(3.00)
		<b>OR</b>
GEOG 110H	Physical Geography – Honors	(3.00)
GEOG 111	Physical Geography Laboratory	(1.00)
		<b>OR</b>
GEOG 111H	Physical Geography Laboratory – Honors	(1.00)
GEOG 126	Geography of California	3.00
GEOL 150	Geology and the Environment	(3.00)
		<b>OR</b>
GEOL 150H	Geology and the Environment – Honors	(3.00)
GEOL 170	Geologic History of the Great Basin	1.00
GEOL 175	Geology of the Eastern Mojave Desert	1.00
GEOL 177	Geology of the High Desert and Western Mojave Desert Region	1.00
GEOL 180	Geology of Joshua Tree National Park	1.00
GEOL 181	Geology of the Anza Borrego Region	1.00
GEOL 190	Geology of the Eastern Sierra Nevada, Northern Section	1.00
GEOL 250	Geology of California	3.00
GEOL 270	Geology of the Eastern Sierra Nevada	1.00
ANTHRO 106	Biological Anthropology	(3.00)

Curriculum Meeting: 01/28/13, 02/11/13, 2/25/13, 03/25/13 (academic programs)

Conjoint Meeting: 03/25/13

Board of Trustees Meeting: 04/11/13

	<b>OR</b>	
ANTHRO 106H	Biological Anthropology – Honors	(3.00)
CHEM 151	General Chemistry II	(5.00)
	<b>OR</b>	
CHEM 151H	General Chemistry II – Honors	(5.00)
PHYSIC 100	Introduction to Physics	(4.00)
	<b>OR</b>	
PHYSIC 110	General Physics I	(4.00)
	<b>OR</b>	
PHYSIC 250	College Physics I	(4.00)
	<b>TOTAL UNITS:</b>	<b>24.00 – 25.00</b>

*Students planning to transfer to a four-year university are cautioned that this degree may not meet all of the lower division requirements for transfer into a particular major; however, through careful educational planning with a counselor, this degree would offer a solid foundation in the transfer process. Students should consult with a counselor for specific information regarding their intended major at the university of their choice.*

**Effective: FA13**

**Rationale:** Curriculum update

## **ASSOCIATE OF SCIENCE HEALTH SCIENCES DEGREE**

The Associate of Science degree in Health Sciences allows students to explore many aspects of science and health-related issues. This degree prepares students for health care professional programs including nursing, dental hygiene and other health professional programs.

To complete the requirements for the Associate of Arts degree, a student must:

1. Complete the requirements for an associate degree (see requirements 1 through 8 on page xx).
2. Complete a minimum of eighteen (18) units with a "C" or better in each course in the following multidisciplinary program.
3. Complete elective units to meet the minimum 60 units required for the associate degree.

<b>REQUIRED COURSES:</b>		<b>UNITS</b>
CHEM 101	Introduction to Chemistry	4.00
ANAT 150	Human Anatomy and Physiology I	4.00
ANAT 151	Human Anatomy and Physiology II	4.00
MICRO 150	Medical Microbiology	5.00
ENGL 101	Freshman Composition	(4.00)
	<b>OR</b>	
ENGL 101H	Freshman Composition – Honors	(4.00)
COMMST 100	Elements of Public Speaking	(3.00)
	<b>OR</b>	
COMMST 100H	Elements of Public Speaking – Honors	(3.00)
	<b>OR</b>	
COMMST 111	Interpersonal Communication	(3.00)
	<b>OR</b>	
COMMST 111H	Interpersonal Communication – Honors	(3.00)
PSYCH 100	General Psychology	(3.00)
	<b>OR</b>	
PSYCH 100H	General Psychology – Honors	(3.00)

Curriculum Meeting: 01/28/13, 02/11/13, 2/25/13, 03/25/13 (academic programs)

Conjoint Meeting: 03/25/13

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	<b>OR</b>	
PSYCH 111	Developmental Psychology: Lifespan	(3.00)
SOC 100	Introduction to Sociology	(3.00)
	<b>OR</b>	
SOC 100H	Introduction to Sociology – Honors	(3.00)
	<b>OR</b>	
ANTHRO 102	Cultural Anthropology	(3.00)
	<b>OR</b>	
ANTHRO 102H	Cultural Anthropology – Honors	(3.00)
	<b>TOTAL UNITS:</b>	<b>30.00</b>

*This major sequence includes prerequisite courses common to many nursing, dental hygiene and other health professional programs. However, admissions requirements do vary from program to program. Prospective students should consult a counselor or the program to which they are applying for specific admissions requirements.*

**Effective: FA13**

**Rationale:** Curriculum update

## **ASSOCIATE OF SCIENCE MULTIPLE SCIENCES DEGREE**

The Associate of Science in Multiple Sciences degree emphasizes the role of science, scientific inquiry and technology in our world. Students will apply a problem solving strategy such as the scientific method or other systematic process of inquiry and recognize the contributions of science and technology in our world. This degree is multidisciplinary, giving students the knowledge and experience in both the physical and biological sciences.

To complete the requirements for the Associate of Arts degree, a student must:

1. Complete the requirements for an associate degree (see requirements 1 through 8 on page xx).
2. Complete a minimum of eighteen (18) units with a "C" or better in each course in the following multidisciplinary program.
3. Complete elective units to meet the minimum 60 units required for the associate degree.

### **REQUIRED COURSES:**

A minimum of six (6) units must be taken from two of the following three groups:

<b>PHYSICAL SCIENCES</b>		<b>UNITS</b>
ASTRON 150	Introduction to Astronomy	(3.00)
	<b>OR</b>	
ASTRON 150H	Introduction to Astronomy – Honors	(3.00)
ASTRON 160	Astronomy Laboratory	1.00
CHEM 101	Introduction to Chemistry	4.00
CHEM 102	Introduction to Organic Chemistry	4.00
CHEM 123	Chemistry For Everyone	3.00
CHEM 150	General Chemistry I	(5.00)
	<b>OR</b>	
CHEM 150H	General Chemistry I – Honors	(5.00)
CHEM 151	General Chemistry II	(5.00)
	<b>OR</b>	
CHEM 151H	General Chemistry II – Honors	(5.00)
CHEM 212	Organic Chemistry I	4.00
CHEM 213	Organic Chemistry II	4.00

Curriculum Meeting: 01/28/13, 02/11/13, 2/25/13, 03/25/13 (academic programs)

Conjoint Meeting: 03/25/13

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ENGR 101	Introduction to Engineering	3.00
PHYSIC 100	Introduction to Physics	4.00
PHYSIC 110	General Physics I	4.00
PHYSIC 111	General Physics II	4.00
PHYSIC 250	College Physics I	4.00
PHYSIC 251	College Physics II	4.00
PHYSIC 252	College Physics III	4.00

### **EARTH SCIENCES**

### **UNITS**

GEOL 100	Physical Geology	(4.00)
<b>OR</b>		
GEOL 100H	Physical Geology – Honors	(4.00)
GEOL 101	Introduction to Geology	(3.00)
<b>OR</b>		
GEOL 101H	Introduction to Geology – Honors	(3.00)
GEOL 112	Historical Geology	4.00
GEOL 113	Earth and Life History	3.00
GEOL 150	Geology and the Environment	(3.00)
<b>OR</b>		
GEOL 150H	Geology and the Environment – Honors	(3.00)
GEOL 160	Geology Laboratory	1.00
GEOL 170	Geologic History of the Great Basin	1.00
GEOL 175	Geology of the Eastern Mojave Desert	1.00
GEOL 177	Geology of the High Desert and Western Mojave Desert Region	1.00
GEOL 180	Geology of Joshua Tree National Park	1.00
GEOL 181	Geology of the Anza Borrego Region	1.00
GEOL 190	Geology of the Eastern Sierra Nevada, Northern Section	1.00
GEOL 250	Geology of California	3.00
GEOL 270	Geology of the Eastern Sierra Nevada	1.00
GEOG 110	Physical Geography	(3.00)
<b>OR</b>		
GEOG 110H	Physical Geography – Honors	(3.00)
GEOG 111	Physical Geography Laboratory	(1.00)
<b>OR</b>		
GEOG 111H	Physical Geography Laboratory – Honors	(1.00)
GEOG 126	Geography of California	3.00
OCEAN 100	Investigations in Oceanography	4.00
OCEAN 101	Elements of Oceanography	(3.00)
<b>OR</b>		
OCEAN 101H	Elements of Oceanography – Honors	(3.00)

### **BIOLOGICAL SCIENCES**

### **UNITS**

ANAT 101	Essentials of Human Anatomy and Physiology	4.00
ANAT 150	Human Anatomy and Physiology I	4.00
ANAT 151	Human Anatomy and Physiology II	4.00
ANTHRO 106	Biological Anthropology	(3.00)
<b>OR</b>		
ANTHRO 106H	Biological Anthropology – Honors	(3.00)
BIOL100	General Biology	4.00
BIOL123	Ecology and Environment	3.00
BIOL130	Cell and Molecular Biology	(4.00)
<b>OR</b>		
BIOL 130H	Cell and Molecular Biology – Honors	(4.00)

Curriculum Meeting: 01/28/13, 02/11/13, 2/25/13, 03/25/13 (academic programs)

Conjoint Meeting: 03/25/13

Board of Trustees Meeting: 04/11/13

BIOL 131	Populations and Organisms	4.00
HEALTH 263	Nutrition and Health	(3.00)
<b>OR</b>		
HEALTH 263H	Nutrition and Health – Honors	(3.00)
MICRO 102	Introductory Microbiology	4.00
MICRO 150	Medical Microbiology	5.00
<b>TOTAL UNITS:</b>		<b>18.00</b>

*Students planning to transfer to a four-year university are cautioned that this degree may not meet all of the lower division requirements for transfer into a particular major; however, through careful educational planning with a counselor, this degree would offer a solid foundation in the transfer process. Students should consult with a counselor for specific information regarding their intended major at the university of their choice.*

**Effective: FA13**

**Rationale:** Curriculum update

## CERTIFICATE MODIFICATION

### ASSOCIATE TEACHER CERTIFICATE

The objective of this certificate is to provide students with the knowledge and skills necessary for obtaining entry-level employment in a preschool or child care setting.

**Completion of the following 16.00 units qualifies the student for the Associate Teacher Certificate. Note: Students should be advised that certificate requirements differ from State Child Development Permit. Matrix Qualifications. See the Child Development and Education department for State licensing requirements and more information.**

<b>REQUIRED COURSES:</b>		<b>UNITS</b>
CD 105	Child Growth and Development	3.00
CD 112	Programs and Practices in Child Development	3.00
CD 126	Child, Family and Community	3.00
CD 132	Creative Experiences for Children Across the Curriculum	3.00
CD 205	Child Growth and Development Laboratory	4.00
<b>TOTAL UNITS:</b>		<b>16.00</b>

**Effective: FA13**

**Rationale:** Curriculum update

### CISCO CERTIFIED NETWORK ASSOCIATE CERTIFICATE

The objective of this certificate is to provide students the knowledge and skills necessary to prepare for the Cisco Certified Network Associate (CCNA) Certification examination. Satisfactory passing of the exam will lead to employment in entry-level positions in the small office and/or home office (SOHO) market. The CCNA Certificate indicates the ability to work in small businesses or organizations using networks that have fewer than 100 nodes. The certificate holder is able to install and configure Cisco switches and routers in multi-protocol interworking using LAN and WAN interfaces, can provide Level 1 troubleshooting service, can improve network performance and security, and can perform entry-level task in the planning, design, installation, operations, and troubleshooting of Ethernet and TCP/IP networks.

**Completion of the following 15.00 units qualifies the student for the Cisco Certified Network Associate Certificate.**

<b>REQUIRED COURSES:</b>		<b>UNITS</b>
CIS 140	Networking for Home and Small Business (Cisco CCNA 1)	3.75
CIS 141	Working at a Small-to-Medium Business or ISP (Cisco CCNA 2)	3.75
CIS 142	Introducing Routing and Switching in the Enterprise (Cisco CCNA 3)	3.75
CIS 143	Designing and Configuring Local and Wide Area Network Services (Cisco CCNA 4)	3.75
<b>TOTAL UNITS:</b>		<b>15.00</b>

**Effective: FA13**

**Rationale:** Curriculum update

### **COMPUTER ASSISTED GRAPHIC DESIGN CERTIFICATE**

The objective of this certificate is to provide students the knowledge and skills necessary for employment in entry-level positions in the field of Computer Assisted Graphic Design. The certificate indicates student knowledge of the software, theory, and abilities required to pursue a career in Computer Assisted Graphic Design.

**Completion of the following 18.00 units qualifies the student for the Computer Assisted Graphic Design Certificate.**

<b>REQUIRED COURSES:</b>		<b>UNITS</b>
ART 120	Foundations of Two-Dimensional Design	3.00
ART 124	Drawing I	3.00
CIS 163	Introduction to PhotoShop	3.00
CIS 165	Introduction to 3D Modeling and Animation	3.00
CIS 180	Computer Graphics with Adobe Illustrator	3.00
CIS 182	Desktop Publishing with Adobe InDesign	3.00

<b>RECOMMENDED COURSES:</b>		<b>UNITS</b>
CIS 166	Advanced 3D Modeling and Animation	3.00
CIS184	Photoshop and Digital Photography	3.00
<b>TOTAL UNITS:</b>		<b>18.00</b>

**Effective: FA13**

**Rationale:** Curriculum update

Note: The certificate is listed under Art and Computer Information Systems.

### **COMPUTER INFORMATION SYSTEMS CERTIFICATE**

The objective of this certificate is to provide students the knowledge and skills necessary to prepare for employment in entry-level positions in the field of Computer Information Systems. The certificate indicates that the student has acquired knowledge of the different aspects of information technology including programming, hardware, networking, databases, and web design.

Curriculum Meeting: 01/28/13, 02/11/13, 2/25/13, 03/25/13 (academic programs)

Conjoint Meeting: 03/25/13

Board of Trustees Meeting: 04/11/13



**Completion of the following 27.75-28.75 units qualifies the student for the Computer Information Systems Certificate.**

<b>REQUIRED COURSES:</b>		<b>UNITS</b>
CIS 101	Introduction to Computer and Information Technology	(3.00)
<b>OR</b>		
BUSAD 230	Using Computers for Business	(3.00)
CIS 104	Object Oriented Programming with Visual Basic	(3.00)
<b>OR</b>		
CIS 113	Java Programming	(3.00)
<b>OR</b>		
CIS 114	C++ Programming I	(3.00)
<b>OR</b>		
CSCI 110	Introduction to Computer Science I	(4.00)
CIS 111	Web Page Programming and Design	3.00
CIS 130	Hardware and Information Technology	3.00
CIS 140	Networking for Home and Small Business (Cisco CCNA 1)	3.75

**Students must complete at least twelve additional units from the following courses:**

		<b>UNITS</b>
CIS 104	Object Oriented Programming with Visual Basic	3.00
CIS 113	Java Programming	3.00
CIS 114	C++ Programming I	(3.00)
<b>OR</b>		
CSCI 110	Introduction to Computer Science I	(4.00)
CIS 116	C++ Programming II	(3.00)
<b>OR</b>		
CSCI 120	Introduction to Computer Science II	(4.00)
CIS 141	Working at a Small-to-Medium Business or ISP (Cisco CCNA 2)	3.75
CIS 161	Website Design and Programming Using Dreamweaver	3.00
CIS 163	Introduction to PhotoShop	3.00
CIS 211	Cascading Style Sheet (CSS) Web Design	3.00
<b>TOTAL UNITS:</b>		<b>27.75 – 28.75</b>

**Effective: FA13**

**Rationale:** Curriculum update

### **EMERGENCY MEDICAL TECHNICIAN – I/EMT BASIC**

The objective of this certificate is to train students to perform basic life support in the pre-hospital setting. Successful completion of the certificate program identifies the student has met the educational requirements as an Emergency Medical Technician-Basic. This is a state certificate program.

**Admission: Open to all students who meet the age and physical requirements. Registration is limited to class size restrictions. NOTE: Prior to starting this program the student must show proof of a clear criminal background check.**

<b>REQUIRED COURSES:</b>		<b>UNITS</b>
EMS 020	Emergency Medical Technician-I/EMT – Basic	6.00
EMS 021	Preventing Disease Transmission for Emergency Medical Technician-I/EMT – Basic	0.50
EMS 022	Basic Life Support for Emergency Medical	0.50

Curriculum Meeting: 01/28/13, 02/11/13, 2/25/13, 03/25/13 (academic programs)

Conjoint Meeting: 03/25/13

Board of Trustees Meeting: 04/11/13

EMS 023	Technician-I/EMT – Basic	
	Hazardous Materials First Responder Awareness for	0.50
	Emergency Medical Technician-I/EMT – Basic	
	<b>TOTAL UNITS:</b>	<b>7.50</b>

**Effective: FA13**

**Rationale:** Curriculum update

## **FIREFIGHTER I BASIC TRAINING ACADEMY CERTIFICATE**

The objective of this certificate is to develop the skills required for Firefighter I Certification and to develop the teamwork skills, attitudes and public service commitment necessary for employment in the fire service. Completion of this certificate may lead to entry-level employment as a firefighter in the public or private sectors. The Firefighter I Basic Training Academy is approved by the California State Fire Marshal's Office as an accredited Regional Training Center.

**Admission: Open to all students who have completed the prerequisite courses. Registration is limited to class size restrictions. Contact the Fire Technology program for application materials.**

<b>PREREQUISITES:</b>		<b>UNITS</b>
FIRET 100	Fire Protection Organization	3.00
FIRET 101	Fire Prevention Technology	3.00

EMT-I Emergency Medical Technician I certification. (Applicants must provide current National Registry card or local EMSA card.)

Completion of either a "CPAT" (Candidate Physical Ability Test) or the Biddle Physical Agility Test within four months prior to the first day of the academy.

Completion of the Crafton Hills College assessment test. (Note: A degree is accepted in lieu of assessment test results.)

Completed Medical Clearance for Firefighters.

Successful interview with the Academy Chief prior to acceptance into the Fire Academy.

**Admission to the Fire Academy will be based on a point system. Applicants earn points for each of the following:**

- 1 point - Completed application delivered to the Crafton Hills College Fire Technology department two months prior to the start date of the Fire Academy.
- 1 point - Successful completion of FIRET 116, Building Construction for Fire Protection or the equivalent.
- 1 point - Successful completion of FIRET 103, Fire Protection Systems or the equivalent.
- 1 point - Successful completion of FIRET 102, Fire Behavior and Combustion or the equivalent.
- 1 point - Successful completion of Principles of FIRET 114, Fire and Emergency Services Safety and Survival or the equivalent.
- 5 points - Successful completion of the AS degree in Fire Technology.
- 10 points- Successful interview with the Academy Chief.

<b>RECOMMENDED COURSES:</b>	<b>UNITS</b>
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Curriculum Meeting: 01/28/13, 02/11/13, 2/25/13, 03/25/13 (academic programs)

Conjoint Meeting: 03/25/13

Board of Trustees Meeting: 04/11/13

ENGL101	Freshman Composition	(4.00)
	<b>OR</b>	
ENGL 101H	Freshman Composition – Honors	(4.00)
FIRET 902	Firefighter Physical Agility Preparation	2.50
MATH 090	Elementary Algebra	4.00

Candidates must successfully complete a minimum of 16 units of prescribed coursework. A minimum grade of "C" must be maintained in all required coursework to remain in the Fire Academy and to receive the Firefighter I Basic Training Academy Certificate. NOTE: A "C" or better in these courses is considered to be 80% or higher.

<b>REQUIRED COURSES:</b>		<b>UNITS</b>
FIRET 049	Basic Firefighter Physical Fitness	2.00
FIRET 115	Firefighter I Basic Training Academy	14.00
	<b>TOTAL UNITS:</b>	<b>16.00</b>

**Effective: FA13**

**Rationale:** Curriculum update

## MARKETING MANAGEMENT CERTIFICATE

The objective of this certificate program is to provide entry-level, marketable employment skills to equip the student with a basic understanding of the terminology and basic concepts/procedures used in the marketing field, and to acquaint the student with the various sub-functions within the overall field of marketing. Completion of the certificate program will prepare the student for entry-level employment in a variety of related occupations including retail sales clerk, outside sales representative, advertising, merchandiser, distribution, or customer service representative.

<b>REQUIRED COURSES:</b>		<b>UNITS</b>
ACCT 208	Introduction to Financial Accounting	4.00
BUSAD 100	Introduction to Business	3.00
BUSAD 105	Small Business Management	3.00
BUSAD 145	Business Communication	(4.00)
	<b>OR</b>	
COMMST 145	Business Communication	(4.00)
BUSAD 155	Human Relations in the Workplace	(3.00)
	<b>OR</b>	
COMMST 155	Human Relations in the Workplace	(3.00)
	<b>OR</b>	
COMMST 111	Interpersonal Communication	(3.00)
	<b>OR</b>	
COMMST 111H	Interpersonal Communication - Honors	(3.00)
	<b>OR</b>	
COMMST 140	Small Group Communication	(3.00)
CIS 101	Introduction to Computer and Information Technology	(3.00)
	<b>OR</b>	
BUSAD 230	Using Computers for Business	(3.00)
CIS 111	Web Page Programming and Design	3.00
CIS 163	Introduction to PhotoShop	3.00
MARKET 100	Marketing Principles	3.00
MARKET 110	Advertising	3.00

Curriculum Meeting: 01/28/13, 02/11/13, 2/25/13, 03/25/13 (academic programs)

Conjoint Meeting: 03/25/13

Board of Trustees Meeting: 04/11/13

**TOTAL UNITS:**

**32.00**

**Effective: FA13**

**Rationale:** Curriculum update

**MASTER TEACHER CERTIFICATE**

The objective of this certificate is to provide students with the knowledge and skills necessary to teach with a specialization in a preschool or other early learning program.

**Completion of the following 36.00-37.00 units qualifies the student for the Master Teacher Certificate. Note: Students should be advised that certificate requirements differ from State Child Development Permit Qualifications. See the Child Development and Education department for State licensing requirements and more information.**

<b>REQUIRED COURSES:</b>		<b>UNITS</b>
CD 105	Child Growth and Development	3.00
CD 112	Programs and Practices in Child Development	3.00
CD 126	Child, Family and Community	3.00
CD 132	Creative Experiences for Children Across the Curriculum	3.00
CD 205	Child Growth and Development Laboratory	4.00
CD 270	Mentor Teacher/Adult Supervision	2.00

**Students must complete at least six units from one of the following areas of specialization:**

<b>MUSIC SPECIALIZATION</b>		<b>UNITS</b>
CD 130	Music and Movement for Children	(3.00)
<b>AND</b>		
MUSIC 100	Fundamental Skills in Music	(3.00)

<b>ART SPECIALIZATION</b>		<b>UNITS</b>
CD 131	Developmental Art for Children	(3.00)
<b>AND</b>		
CD 136	Creative Art Activities for Children	(3.00)

<b>LANGUAGE AND LITERACY SPECIALIZATION</b>		<b>UNITS</b>
CD 134	Language and Listening, Literacy and Literature for Children	(3.00)
<b>AND</b>		
ENGL 155	Children's Literature	(3.00)

<b>INFANT/TODDLER SPECIALIZATION</b>		<b>UNITS</b>
CD 185	Infant/Toddler Growth and Development	(3.00)
<b>AND</b>		
CD 186	Infant/Toddler Activities	(3.00)

<b>SPECIAL NEEDS SPECIALIZATION</b>		<b>UNITS</b>
CD 244	Children with Special Needs	(3.00)
<b>AND</b>		
ASL 101	American Sign Language I	(4.00)

**Students must complete at least twelve additional units not included in their selected specialization from the following courses:**

Curriculum Meeting: 01/28/13, 02/11/13, 2/25/13, 03/25/13 (academic programs)

Conjoint Meeting: 03/25/13

Board of Trustees Meeting: 04/11/13

		<b>UNITS</b>
CD 100	Introduction to Child Development	3.00
CD 101	Family Interactions	3.00
CD 115	Health, Welfare and Nutrition for Children	3.00
CD 130	Music and Movement for Children	3.00
CD 131	Developmental Art for Children	3.00
CD 133	Creative Science and Math Activities for Children	3.00
CD 134	Language and Listening, Literacy and Literature for Children	3.00
CD 136	Creative Art Activities for Children	3.00
CD 137	Play and Materials in Early Learning	3.00
CD 182	Teaching in a Diverse Society	3.00
CD 185	Infant/Toddler Growth and Development	3.00
CD 186	Infant/Toddler Activities	3.00
CD 212	Observation and Methods in Early Child Development	3.00
CD 244	Children with Special Needs	3.00
	<b>TOTAL UNITS:</b>	<b>36.00 – 37.00</b>

**Effective: FA13**

**Rationale:** Curriculum update

### **MUSIC TECHNOLOGY, COMPOSITION, AND SONGWRITING CERTIFICATE**

The objective of this certificate is to provide students the knowledge and skills necessary to prepare for employment in entry-level positions in music creation and production environments. This certificate indicates that the student has acquired knowledge of different aspects of music technology including recording, amplification, installation, and organizational aspects of the industry, as well as knowledge of music theory.

<b>REQUIRED COURSES:</b>		<b>UNITS</b>
MUSIC 101	Music Theory I	4.00
MUSIC 102	Music Theory II	4.00
MUSIC 190	Songwriting and Composition	3.00
MUSIC 195	Music Technology and Recording	4.00
	<b>TOTAL UNITS:</b>	<b>15.00</b>

**Effective: FA13**

**Rationale:** Curriculum update

### **MUSIC TECHNOLOGY AND SONGWRITING FUNDAMENTALS CERTIFICATE**

The objective of this certificate is to provide students the knowledge and skills necessary to prepare for employment in entry-level positions in music technology, songwriting and composition environments. This certificate indicates that the student has acquired knowledge of different aspects of music technology including recording, amplification, installation, and organizational aspects of the industry.

<b>REQUIRED COURSES:</b>		<b>UNITS</b>
MUSIC 190	Songwriting and Composition	3.00
MUSIC 195	Music Technology and Recording	4.00
	<b>TOTAL UNITS:</b>	<b>7.00</b>

**Effective: FA13**

**Rationale:** Curriculum update

## **PROGRAMMING CERTIFICATE**

The objective of this certificate is to provide students with the knowledge and skills necessary for employment in entry-level positions in the field of computer programming or to continue to pursue a four-year degree in Computer Information Systems or Computer Science. The Programming Certificate indicates the student has acquired knowledge of various programming languages including basic language structures, syntax, debugging, and application development.

**Completion of the following 15.0-17.0 units qualifies the student for the Programming Certificate.**

<b>REQUIRED COURSES:</b>		<b>UNITS</b>
CIS 104	Object Oriented Programming with Visual Basic	3.00
CIS 111	Web Page Programming and Design	3.00
CIS 113	Java Programming	3.00
CIS 114	C++ Programming I	(3.00)
<b>OR</b>		
CSCI 110	Introduction to Computer Science I	(4.00)
CIS 116	C++ Programming II	(3.00)
<b>OR</b>		
CSCI 120	Introduction to Computer Science II	(4.00)
<b>RECOMMENDED COURSE:</b>		<b>UNITS</b>
CIS 117	Scripting	3.00
<b>TOTAL UNITS</b>		<b>15.00 – 17.00</b>

**Effective: FA13**

**Rationale:** Curriculum update

## **SITE SUPERVISOR CERTIFICATE**

The objective of this certificate is to provide students with the knowledge and skills necessary to work as a site supervisor in a preschool or other early learning environment.

**Completion of the following 36.00 units qualifies the student for the Site Supervisor Certificate.**

**Note: Students should be advised that certificate requirements differ from State Child Development Permit Matrix Qualifications. See the Child Development and Education department for State licensing requirements and more information.**

<b>REQUIRED COURSES:</b>		<b>UNITS</b>
CD 105	Child Growth and Development	3.00
CD 112	Programs and Practices in Child Development	3.00
CD 126	Child, Family and Community	3.00
CD 132	Creative Experiences for Children Across the Curriculum	3.00
CD 205	Child Growth and Development Laboratory	4.00
CD 270	Mentor Teacher/Adult Supervision	2.00
CD 271	Administration: Management and Organization of Child	3.00

Curriculum Meeting: 01/28/13, 02/11/13, 2/25/13, 03/25/13 (academic programs)

Conjoint Meeting: 03/25/13

Board of Trustees Meeting: 04/11/13

CD 272	Development Programs Administration: Human Relations in Child Development Programs	3.00
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**Students must complete at least twelve units from the following courses: UNITS**

CD 100	Introduction to Child Development	3.00
CD 101	Family Interactions	3.00
CD 115	Health, Welfare and Nutrition for Children	3.00
CD 130	Music and Movement for Children	3.00
CD 131	Developmental Art for Children	3.00
CD 133	Creative Science and Math Activities for Children	3.00
CD 134	Language and Listening, Literacy and Literature for Children	3.00
CD 136	Creative Art Activities for Children	3.00
CD 137	Play and Materials in Early Learning	3.00
CD 182	Teaching in a Diverse Society	3.00
CD 185	Infant/Toddler Growth and Development	3.00
CD 186	Infant/Toddler Activities	3.00
CD 212	Observation and Methods in Early Child Development	3.00
CD 244	Children with Special Needs	3.00
	<b>TOTAL UNITS:</b>	<b>36.00</b>

**Effective: FA13**

**Rationale:** Curriculum update

**TEACHER CERTIFICATE**

The objective of this certificate is to provide students with the knowledge and skills necessary to teach children in a preschool or child care setting.

**Completion of the following 28.00 units qualifies the student for the Teacher Certificate.**

**Note: Students should be advised that certificate requirements differ from State Child Development Permit Qualifications. See the Child Development and Education department for State licensing requirements and more information.**

<b>REQUIRED COURSES:</b>	<b>UNITS</b>	
CD 105	Child Growth and Development	3.00
CD 112	Programs and Practices in Child Development	3.00
CD 126	Child, Family and Community	3.00
CD 132	Creative Experiences for Children Across the Curriculum	3.00
CD 205	Child Growth and Development Laboratory	4.00

**Students must complete at least twelve units from the following courses: UNITS**

CD 100	Introduction to Child Development	3.00
CD 101	Family Interactions	3.00
CD 115	Health, Welfare and Nutrition for Children	3.00
CD 130	Music and Movement for Children	3.00
CD 131	Developmental Art for Children	3.00
CD 133	Creative Science and Math Activities for Children	3.00
CD 134	Language and Listening, Literacy and Literature for Children	3.00
CD 136	Creative Art Activities for Children	3.00
CD 137	Play and Materials in Early Learning	3.00
CD 182	Teaching in a Diverse Society	3.00

Curriculum Meeting: 01/28/13, 02/11/13, 2/25/13, 03/25/13 (academic programs)

Conjoint Meeting: 03/25/13

Board of Trustees Meeting: 04/11/13

CD 185	Infant/Toddler Growth and Development	3.00
CD 186	Infant/Toddler Activities	3.00
CD 212	Observation and Methods in Early Child Development	3.00
CD 244	Children with Special Needs	3.00
	<b>TOTAL UNITS:</b>	<b>28.00</b>

**Effective: FA13**

**Rationale:** Curriculum update

### **WEB DESIGN CERTIFICATE**

The objective of this certificate is to provide students the knowledge and skill necessary for employment in entry-level positions in the field of Web Design. The certificate indicates that the student has acquired knowledge of Web page design and development with an emphasis on graphic and visual elements and the Web-specific Adobe Creative Suite applications.

**Completion of the following 15.0 units qualifies the student for the Web Design Certificate.**

<b>REQUIRED COURSES:</b>		<b>UNITS</b>
CIS 111	Web Page Programming and Design	3.00
CIS 161	Website Design and Programming Using Dreamweaver	3.00
CIS 162	Introduction to Flash	3.00
CIS 163	Introduction to PhotoShop	3.00
CIS 211	Cascading Style Sheet (CSS) Web Design	3.00
<b>RECOMMENDED COURSE:</b>		<b>UNITS</b>
CIS180	Computer Graphics with Adobe Illustrator	1.00 – 3.00
	<b>TOTAL UNITS:</b>	<b>15.00</b>

**Effective: FA13**

**Rationale:** Curriculum update

<b>CERTIFICATE DELETION</b>
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### **EARLY LEARNING CERTIFICATE**

**Effective: FA13**

**Rationale:** Curriculum update