



2013 CLASS SCHEDULE

Fall Semester Begins August 19, 2013

**For current up to date information on
classes, go to www.craftonhills.edu**

Dear Student:

Welcome to Crafton Hills College – one of the finest two-year institutions of higher education in the Inland Empire.

In the interest of environmental health and sustainability, Crafton Hills College will no longer publish the Schedule of Classes. However, a printable PDF version is available online for those who prefer the schedule in a hard copy version. The most current and up to date schedule information will be provided in the campus eSchedule or through WebAdvisor.

As a student at Crafton Hills College, you will have a multitude of opportunities.

Whether you are completing a program to prepare for transfer to a four-year college or university, an Associate in Arts or an Associate in Science, a certificate in an occupational program, or to take a course for retraining or general interest, I know you will find opportunities and experiences here that will be rewarding and stimulating. Our faculty and staff will provide you with excellent instructional and student services programs.

We are committed to helping you realize your educational and life goals and thank you for helping Crafton Hills College to go green!

Sincerely,

Cheryl Marshall
President



CRAFTON HILLS COLLEGE MISSION STATEMENT

The mission of Crafton Hills College is to advance the education and success of students in a quality learning environment.

The institution's values are creativity, inclusiveness, excellence, and learning centeredness.

DIRECTORY OF OFFICES (909) 794-2161

QUICK REFERENCE	BUILDING NO.	EXT.
Admissions & Records	SSA-213	3372
Bookstore	BK-101	3250
Cafeteria	College Center	3376
Career Center	SSB-201	3361
Counseling Center	SSB-201	3366
Disabled Students Programs & Services	SSB-110	3325
EOP&S	SSA-307	3239
Financial Aid	CL-214	3242
Health & Wellness	SSB-101	3272
Job Placement	SSB-201	3361
Learning Resource Center	LRC	3312
Library	LRC	3321
Parking Permits	LADM-150	3276
Police (Campus)	LADM-150	3275
Student Services	LADM-300A	3354
Transfer Center	SSA-201	3361
Veterans' Services	SSA-212	3370

LEGEND ON CAMPUS (See map on inside back cover)

AC	Aquatic Center
BC	Bookstore Complex
BK	Bookstore
CL	Classroom
CC	College Center
CHS	Chemistry & Health Science
CDC	Child Development Center
CRC	Crafton Center
CRM	Crafton Room
G	Gymnasium
LADM	Laboratory/Administration
LRC	Learning Resource Center
LRC	Library
OE-1, OE-2	Occupational Education
PAC	Performing Arts Center
SSA	Student Services A
SSB	Student Services B
SCC	Student Center/Cafeteria

LEGEND OFF-CAMPUS

CLNC	Clinic
DE	Distributed Education
FLD	Off-Campus Field
HOSP	Hospital
RIAL-RFD	Rialto Fire Department
SBCMC	San Bernardino County Medical Center
SBRSTC	San Bernardino Richard Sewell Training Center
SBRETC	San Bernardino Regional Emergency Training Center
VETS	Veterans' Hospital

FINAL EXAMS

FINAL EXAMS: Saturday, December 14 – Friday, December 20, 2013
(Unless otherwise announced, all examinations will be held in regular classrooms.)

TIME AND DAY OF REGULAR CLASS MEETING		TIME AND DAY OF FINAL EXAM	
7, 7:30 a.m.	MWF, MW	8 – 10:30 a.m.	Monday, December 16
8, 9 a.m.	M only	8 – 10:30 a.m.	Monday, December 16
11, 11:30 a.m.	MWF, MW, MF, M only	10:30 – 1 p.m.	Monday, December 16
1, 1:30, 2 p.m.	M only	1 – 3:30 p.m.	Monday, December 16
2:30, 3, 3:30 p.m.	MWF, MW, M only	1 – 3:30 p.m.	Monday, December 16

8, 8:30, 9, 9:30 a.m.	TTh, T only	8 – 10:30 a.m.	Tuesday, December 17
9 a.m.	T only	8 – 10:30 a.m.	Tuesday, December 17
10, 10:30, 11 a.m.	TTh, T only	10:30 – 1 p.m.	Tuesday, December 17
1, 1:30, 2 p.m.	T only	1 – 3:30 p.m.	Tuesday, December 17
1, 1:30, 2 p.m.	TTh	1 – 3:30 p.m.	Tuesday, December 17
2:30, 3, 3:30 p.m.	T only	1 – 3:30 p.m.	Tuesday, December 17

8 a.m.	MW, W only	8 – 10:30 a.m.	Wednesday, December 18
9, 9:30 a.m.	MWF, MW, W only	10:30 – 1 p.m.	Wednesday, December 18
1, 1:30, 2 p.m.	MW	1 – 3:30 p.m.	Wednesday, December 18
1, 1:30, 2, 3 p.m.	W only	1 – 3:30 p.m.	Wednesday, December 18

7, 7:30 a.m.	TTh	8-10:30 a.m.	Thursday, December 19
11 a.m.	Th only	10:30 – 1 p.m.	Thursday, December 19
12, 12:30 p.m.	TTh	10:30 – 1 p.m.	Thursday, December 19
12:30, 1, 1:30, 2, 3 p.m.	Th only	1 – 3:30 p.m.	Thursday, December 19
2:30, 3, 3:30 p.m.	TTh	1 – 3:30 p.m.	Thursday, Decembe

7, 8 a.m.	F only	8 – 10:30 a.m.	Friday, December 20
8 a.m.	MWF, MF	8 – 10:30 a.m.	Friday, December 20
9 a.m.	F only	10:30 – 1 p.m.	Friday, December 20
10, 10:30 a.m.	MWF, MW	10:30 – 1 p.m.	Friday, December 20
11 a.m.	F only	10:30 – 1 p.m.	Friday, December 20
12, 1 p.m.	F only	1 – 3:30 p.m.	Friday, December 20
1 p.m.	MWF, MF	1 – 3:30 p.m.	Friday, December 20
Conflicts and Make-ups		1 – 3:30 p.m.	Friday, December 20

Note: There may be **conflicts** for some day classes, especially those that have an unusual meeting pattern (e.g., a day class that meets only once a week). If you have a conflict, notify your instructor at once. All conflicts should be resolved with the instructor before final exam week.

EVENING (4 p.m. or after) AND SATURDAY CLASSES

Final Exams will meet on the following days at regular class time:

REGULAR CLASS MEETING	FINAL EXAM DAY AND DATE
M	Monday, December 16
MW	Monday, December 16
T	Tuesday, December 17
TTh	Tuesday, December 17
W	Wednesday, December 18
Th	Thursday, December 19
S	Saturday, December 14

Final examinations at other than scheduled times are permitted only by petition and for circumstances clearly beyond the student's control. **Approval of individual instructors is required for such exceptions.** Instructors who wish to give final examinations at other than scheduled times **MUST obtain prior approval from the Division Deans.**

NOTE: Final Exams for SHORT-TERM CLASSES are given at the last regular class meeting.

(Please refer to the Schedule of Classes for exact dates.)

Fall 2013 Term Dates

January 2nd	Financial Aid Applications for 2013/2014 academic year available at www.FAFSA.gov .
March 18th	First day to open Financial Aid file for 2013/2014 academic year.
April 1st	First day to take placement assessment test for Fall term. Appointments are available.
July 8th	First day to purchase textbooks online .
August 5th	Online textbook orders ship-out.
August 9th	Deadline for High School Students to submit Concurrent Enrollment paperwork for admission to CHC.
August 12th	First day to purchase textbooks on campus.
August 18th	<ul style="list-style-type: none"> • Deadline to register for courses prior to start of term. • Deadline to drop courses prior to start of term and receive full refund.
August 19th	Term / Instruction Begins
August 30th	<ul style="list-style-type: none"> • Deadline to Late Add full-term (18-week) courses. (Check 'Use By' date on Late Add Authorization sticker.) • Deadline to drop full-term (18-week) courses and receive a refund of enrollment fees. • Deadline for textbook returns or exchanges (receipt required).
September 2nd	<ul style="list-style-type: none"> • Labor Day (Observed) - Campus Closed • Deadline for Cal Grant GPA Verification.
September 3rd	Parking permit enforcement begins on all college streets and lots. (illegal parking regulations enforced at all times) Students may purchase Parking Permits online .
September 6th	Deadline to drop full-term (18-week) courses without a "W" grade. (refer to your registration statement for short-term course deadlines)
September 13th	Deadline to request Pass/No-Pass grading option for full-term (18-week) courses.
September 25th	Flex Day - Classes not in session
October 14th - November 1st	EOP&S / CalWorks Mid-Semester Progress Reports Due.
October 30th	Deadline to apply for Fall graduation .
November 1st	Deadline to withdraw from full-term (18-week) courses with a "W" grade. (refer to your registration statement for short-term course deadlines)
November 11th	Veteran's Day (Observed) - Campus Closed
November 28th - 30th	Thanksgiving Recess (Observed) - Campus Closed
December 5th	Deadline to apply for BOGG (Board of Governors Grant) refund.
December 16th - 20th	Final Exams: Final Exams Schedule (pdf)
December 18th - 20th	Book Buyback
December 20th	Term / Instruction Ends
December 25th	Official Fall grades available Online

Dates listed are for Full-Term (18-week) Courses Only.

Refer to your Class Printout for short-term/late-start course dates

CRAFTON HILLS COLLEGE

FALL SCHEDULE 2013

ACCOUNTING

ACCT 208 Introduction to Financial Accounting 4.00 Units

Fundamental concepts and procedures of financial accounting including the use, interpretation and preparation of financial statements.

Associate Degree Applicable

Course credit transfers to both CSU and UC.

0002	25	TTH	11:00a-12:50p	LEC	4.00	LADM-217	O'Toole,R
0004	65	T	06:00p-09:50p	LEC	4.00	LADM-217	Allison,G

ACCT 209 Introduction to Managerial Accounting 4.00 Units

Fundamental concepts and procedures of managerial accounting including costing systems, cost behavior and analysis, budgeting and performance evaluation. Uses of management accounting information in decision making.

Associate Degree Applicable

Course credit transfers to both CSU and UC.

PREREQUISITE: ACCT 208

0006	10	MW	09:00a-10:50a	LEC	4.00	LADM-217	O'Toole,R
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ALLIED HEALTH

AH 101 Medical Terminology 3.00 Units

Instruction in the usage, spelling, pronunciation, and meaning of terminology used to describe the human body.

Associate Degree Applicable

Course credit transfers to CSU.

0008	50	TTH	04:00p-06:50p	LEC	3.00	LADM-121	Clarke,S
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Note: Ref. No. 0008 - 8 week class: 08/20 - 10/10

AMERICAN SIGN LANGUAGE

ASL 101 American Sign Language I 4.00 Units

Introduction to American Sign Language as used by the deaf community in the United States.

NOTE: This course corresponds to the first year of high school American Sign Language.

Associate Degree Applicable

Course credit limited transfer CSU & UC.

Contact a counselor for details.

DEPARTMENTAL RECOMMENDATION: Eligibility for ENGL 101

0010	10	MW	09:00a-10:50a	LEC	4.00	BC-105	Andrews,B
0012	25	TTH	11:00a-12:50p	LEC	4.00	BC-106	Andrews,B
0014	60	MW	07:00p-08:50p	LEC	4.00	BC-105	De la O,S

ASL 102 American Sign Language II 4.00 Units

Continuing introduction to American Sign Language as used by the deaf community in the United States. Note: This course corresponds to the second year of high school American Sign Language.

Associate Degree Applicable
Course credit limited transfer CSU & UC.
Contact a counselor for details.
PREREQUISITE: ASL 101
DEPARTMENTAL RECOMMENDATION: Eligibility for ENGL 101

0016 35 TTH 01:00p-02:50p LEC 4.00 BC-106 Andrews,B

ASL 103 American Sign Language III 4.00 Units

Intermediate study of American Sign Language as used by the deaf community in the United States.

Associate Degree Applicable
Course credit limited transfer CSU & UC.
Contact a counselor for details.
PREREQUISITE: ASL 102
DEPARTMENTAL RECOMMENDATION: ENGL 015

0018 30 MW 01:00p-02:50p LEC 4.00 BC-105 Andrews,B

ANATOMY

ANAT 101 Essentials of Human Anatomy and Physiology 4.00 Units

Lecture and laboratory course emphasizing the basic structural, functional, and developmental stages of the human body. Introductory survey of the human body in one semester. Essentials of structure and function in each of the eleven body systems covered.

Associate Degree Applicable
Course credit transfers to CSU.

0020 01 MWF 08:00a-08:50a LEC 4.00 LADM-224 Truong,S
M 09:00a-11:50a LAB LADM-225 Truong,S

NOTE: Students in this course (section 01)will have the opportunity to attend Supplemental Instruction (SI) sessions which are voluntary, outside-of-class group study sessions with a trained student facilitator.

0022 02 MWF 08:00a-08:50a LEC 4.00 LADM-224 Truong,S
W 09:00a-11:50a LAB LADM-225 Truong,S

NOTE: Students in this course (section 02)will have the opportunity to attend Supplemental Instruction (SI) sessions which are voluntary, outside-of-class group study sessions with a trained student facilitator.

0024 35 TTH 01:00p-02:20p LEC 4.00 LADM-224 Musch,G
T 02:30p-05:20p LAB LADM-225 Musch,G

0026 36 TTH 01:00p-02:20p LEC 4.00 LADM-224 Musch,G
TH 02:30p-05:20p LAB LADM-225 Musch,G

0028 55 TTH 05:30p-06:50p LEC 4.00 LADM-224 Staff
T 07:00p-09:50p LAB LADM-225 Staff

0030 56 TTH 05:30p-06:50p LEC 4.00 LADM-224 Staff
TH 07:00p-09:50p LAB LADM-225 Staff

ANAT 150 Human Anatomy and Physiology I 4.00 Units

Advanced understanding of the structural and functional aspects of the human body. First in a two semester series; covers biochemistry, cytology, cellular metabolism, histology, osteology, articulations, myology, and the integumentary, and nervous systems.

Associate Degree Applicable
Course credit transfers to both CSU and UC.

0032	30	MWF	01:00p-01:50p	LEC	4.00	LRC-231	Truong,S
		M	02:00p-04:50p	LAB		LADM-225	Ta,C
0034	31	MWF	01:00p-01:50p	LEC	4.00	LRC-231	Truong,S
		W	02:00p-04:50p	LAB		LADM-225	Ta,C
0036	32	MWF	01:00p-01:50p	LEC	4.00	LRC-231	Truong,S
		F	02:00p-04:50p	LAB		LADM-225	Ta,C
0038	50	MW	05:30p-06:50p	LEC	4.00	LADM-224	Johnsen,T
		M	07:00p-09:50p	LAB		LADM-225	Johnsen,T
0040	51	MW	05:30p-06:50p	LEC	4.00	LADM-224	Johnsen,T
		W	07:00p-09:50p	LAB		LADM-225	Johnsen,T

ANAT 151 Human Anatomy and Physiology II 4.00 Units

Advanced understanding of the structural and functional aspects of the human body. Second in a two semester series; covers hematology, somatic and special senses, the bodies nutritional needs, pregnancy and maturation, electrolyte and acid/base balance, and the endocrine, lymphatic, immune, respiratory, cardiovascular, digestive, urinary, and reproductive systems.

Associate Degree Applicable
Course credit transfers to both CSU and UC.
PREREQUISITE: ANAT 150

0042	05	TTH	07:30a-08:50a	LEC	4.00	LADM-224	Truong,S
		T	09:00a-11:50a	LAB		LADM-225	Truong,S
0044	06	TTH	07:30a-08:50a	LEC	4.00	LADM-224	Truong,S
		TH	09:00a-11:50a	LAB		LADM-225	Truong,S

ANTHROPOLOGY

ANTHRO 102 Cultural Anthropology 3.00 Units

Introduction to the study of human societies from a cross-cultural perspective.

Associate Degree Applicable
Course credit transfers to both CSU and UC.
DEPARTMENTAL RECOMMENDATION: Eligibility for ENGL 101

0050	15	TTH	09:30a-10:50a	LEC	3.00	LADM-121	Hadden,J
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ARABIC

ARABIC 101 College Arabic I 5.00 Units

Introduction to the Arabic language, including the fundamentals of its alphabet, script and pronunciation.

NOTE: This course corresponds with the first year of high school Arabic.
Associate Degree Applicable
Course credit limited transfer CSU & UC.
Contact a counselor for details.

0052	35	TTH	01:00p-03:20p	LEC	5.00	BC-105	Harmoush,M
0054	50	MW	04:00p-06:20p	LEC	5.00	BC-105	Harmoush,M

ART

ART 100 Art History I: Prehistoric Art to Medieval Art 3.00 Units

Survey of outstanding periods in history of Western Art, tracing the relationship between the arts and society which produced them. Required of all art majors and open to non-art majors.

Associate Degree Applicable
Course credit transfers to both CSU and UC.

0056	10	MW	09:00a-10:20a	LEC	3.00	LADM-224	McCambly,J
0058	70	ARR	3 HRS/WK	LEC	3.00		McCambly,J

This class (section 70) is an online course with no on-campus meetings. Participation in this online class requires that students have access to a computer that is connected to the Internet and has a CD-ROM drive and speakers or headphones. Students with no previous experience in online/hybrid courses are encouraged to enroll in CHC 062 (formerly CIS 062), Introduction to Online Learning.

ART 102 Art History II: Renaissance Art to Modern Art 3.00 Units

Survey of the arts and history in Western Europe from Renaissance to the Twentieth Century. Required of all art majors and open to non-art majors.

Associate Degree Applicable
Course credit transfers to both CSU and UC.

0060	70	ARR	3 HRS/WK	LEC	3.00		Petrovic,S
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This class is an online course with no on-campus meetings. Participation in this online class requires that students have access to a computer that is connected to the Internet and has a CD-ROM drive and speakers or headphones. Students with no previous experience in online/hybrid courses are encouraged to enroll in CHC 062 (formerly CIS 062), Introduction to Online Learning.

0062	65	T	07:00p-09:50p	LEC	3.00	CHS-242	McNamara,L
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ART 120 Foundations of Two-Dimensional Design 3.00 Units

Introduction to elements and principles of design on the two-dimensional plane. (Formerly ART-120X4)

Associate Degree Applicable
Course credit transfers to both CSU and UC.

0064	20	MW	11:00a-11:50a	LEC	3.00	OE1-130	McCambly,J
		MW	12:00p-01:50p	LAB		OE1-130	McCambly,J

ART 124 Drawing I 3.00 Units

Introduction to the basis skills, strategies and techniques of observational drawing. (Formerly ART-124X4)

Associate Degree Applicable
Course credit transfers to both CSU and UC.
DEPARTMENTAL RECOMMENDATION: Successful completion of ART 120

0066	15	TTH	09:00a-09:50a	LEC	3.00	OE1-130	Petrovic,S
		TTH	10:00a-11:50a	LAB		OE1-130	Petrovic,S

ART 126 Painting I 3.00 Units

Introduction to the basic skills, strategies and techniques of oil and acrylic painting.

(Formerly ART-126X4)

Associate Degree Applicable

Course credit transfers to both CSU and UC.

DEPARTMENTAL RECOMMENDATION: Successful completion of ART 120 or ART 124

0068	50	MW	05:00p-05:50p	LEC	3.00	OE1-101	McCambly,J
		MW	06:00p-07:50p	LAB		OE1-101	McCambly,J
0070	45	TTH	04:00p-04:50p	LEC	3.00	OE1-130	McNamara,L
		TTH	05:00p-06:50p	LAB		OE1-130	McNamara,L

ART 132 Life Drawing I 3.00 Units

Introduction to the skills, strategies and techniques for drawing the human figure.

(Formerly ART-132X4)

Associate Degree Applicable

Course credit transfers to both CSU and UC.

DEPARTMENTAL RECOMMENDATION: Successful completion of ART 124

0072	35	TTH	01:00p-01:50p	LEC	3.00	OE1-101	Petrovic,S
		TTH	02:00p-03:50p	LAB		OE1-101	Petrovic,S

ART 275 Contemporary Sculpture Techniques 3.00 Units

Exploration of form and space employing non-traditional materials and unorthodox sculptural techniques.

(Formerly ART-275X4)

Associate Degree Applicable

Course credit transfers to both CSU and UC.

DEPARTMENTAL RECOMMENDATION: Successful completion of ART 121

0078	01	MW	08:00a-08:50a	LEC	3.00	OE1-101	Petrovic,S
		MW	09:00a-10:50a	LAB		OE1-101	Petrovic,S

ASTRONOMY

ASTRON 150 Introduction to Astronomy 3.00 Units

Introduction to the ideas, concepts, and theories of astronomy including celestial motion, properties and evolutions of the solar system, stars, galaxies, and cosmology.

Associate Degree Applicable

Course credit transfers to both CSU and UC.

DEPARTMENTAL RECOMMENDATION: Successful completion of PHYSIC 100

0082	60	M	07:00p-09:50p	LEC	3.00	LADM-121	Adams,M
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ASTRON 160 Astronomy Laboratory 1.00 Units

Laboratory work to supplement ASTRON 150. Topics include telescopes, planetary motion, the Sun and stars, and cosmology. A one-evening lunar photography lab will be required.

Associate Degree Applicable

Course credit transfers to both CSU and UC.

COREQUISITE: ASTRON 150 or ASTRON 150H

0084	60	W	07:00p-09:50p	LAB	1.00	LADM-112	Baird,E
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BIOLOGY

BIOL 100 General Biology 4.00 Units

Introduction to biology with an emphasis on scientific analysis and problem solving. Offers a broad understanding of the unity and diversity of the living world from cellular and molecular levels to anatomy, physiology, evolution, and ecology.

Associate Degree Applicable

Course credit transfers to both CSU and UC.

0086	21	MW	11:00a-12:20p	LEC	4.00	LADM-224	Greyraven,C
		W	01:00p-03:50p	LAB		LADM-211	Greyraven,C
0088	20	MW	11:00a-12:20p	LEC	4.00	LADM-224	Greyraven,C
		M	01:00p-03:50p	LAB		LADM-211	Greyraven,C
0090	90	TTH	01:00p-02:20p	LEC	4.00	CHS-242	Purves,D
		TTH	02:30p-03:50p	LAB		LADM-211	Purves,D

This section is linked to ENGL 102-90. This means students enrolling in BIOL 100-90 (directly above) MUST ALSO ENROLL and REMAIN ENROLLED in ENGL 102-90.

0092	35	TTH	01:00p-02:20p	LEC	4.00	CHS-242	Purves,D
		TTH	11:30a-12:50p	LAB		LADM-211	Purves,D
0094	50	MW	05:30p-06:50p	LEC	4.00	CHS-122	Amoui,M
		M	07:00p-09:50p	LAB		LADM-211	Amoui,M
0096	51	MW	05:30p-06:50p	LEC	4.00	CHS-122	Amoui,M
		W	07:00p-09:50p	LAB		LADM-211	Amoui,M
0098	55	TTH	05:30p-06:50p	LEC	4.00	CHS-122	Howard,K
		T	07:00p-09:50p	LAB		LADM-211	Howard,K
0100	56	TTH	05:30p-06:50p	LEC	4.00	CHS-122	Howard,K
		TH	07:00p-09:50p	LAB		LADM-211	Howard,K

BIOL 131 Populations and Organisms 4.00 Units

Study of classification, development, physiology and regulation at the level of the organism. Topics include population dynamics, community ecology, evolution and population genetics.

Associate Degree Applicable

Course credit transfers to both CSU and UC.

PREREQUISITE: MATH 095 or MATH 095C or eligibility for

MATH 102 as determined through the Crafton Hills College assessment process

0102	25	TTH	11:00a-12:20p	LEC	4.00	LADM-224	Greyraven,C
		T	08:00a-10:50a	LAB		LADM-211	Greyraven,C
0104	26	TTH	11:00a-12:20p	LEC	4.00	LADM-224	Greyraven,C
		TH	08:00a-10:50a	LAB		LADM-211	Greyraven,C

BUSINESS ADMINISTRATION

BUSAD 100 Introduction to Business 3.00 Units

Introduction to the fundamental concepts of business in today's economy. Survey of business entities and business activities including accounting, finance, management and marketing.

Associate Degree Applicable

Course credit transfers to both CSU and UC.

DEPARTMENTAL RECOMMENDATION: Eligibility for ENGL 101

0106	30	M	11:00a-12:50p	LEC	3.00	LRC-231	O'Toole,R
		W	11:00a-11:50a	LEC		LRC-231	O'Toole,R
0108	15	TTH	09:00a-10:20a	LEC	3.00	LRC-231	O'Toole,R

BUSAD 155 Human Relations in the Workplace 3.00 Units

Examination of individual, group and organizational behavior as it affects performance and productivity in the workplace.

This course is also offered as COMMST-155.

Associate Degree Applicable

Course credit transfers to CSU.

0110 65 TH 07:00p-09:50p LEC 3.00 BC-106 Newman,R

BUSAD 200 Business Management 3.00 Units

Concepts and applications of successful management functions including planning, organizing, staffing, directing, decision making and controlling business activity.

Associate Degree Applicable

Course credit transfers to CSU.

DEPARTMENTAL RECOMMENDATION: Successful completion of BUSAD 100

0112 60 W 07:00p-09:50p LEC 3.00 LRC-231 O'Toole,R

BUSAD 210 Business Law 3.00 Units

An introduction into the American legal system and principles of law as applied to businesses, specifically relating to contracts; formation, performance, discharge, breach of contract and breach of contract remedies; the Uniform Commercial Code; tort law; intentional torts, negligence, business torts, defenses to torts and remedies; products liability; and business ethics.

Associate Degree Applicable

Course credit transfers to both CSU and UC.

DEPARTMENTAL RECOMMENDATION: Eligibility for ENGL 101

0114 15 TTH 09:00a-10:20a LEC 3.00 LADM-224 Cruz,J

0116 60 M 07:00p-09:50p LEC 3.00 LADM-224 Cruz,J

CHEMISTRY

CHEM 101 Introduction to Chemistry 4.00 Units

A one-semester course introducing the study of matter and its properties. Topics include atomic structure, bonding, nomenclature, stoichiometry, chemical reactions, periodic table and organic chemistry. Includes a laboratory component that emphasizes concepts discussed in lecture.

Associate Degree Applicable

Course credit transfers to CSU.

Limited transfer to UC; contact a counselor for details.

PREREQUISITE: MATH 090 or MATH 090C or eligibility for MATH 095

or MATH 095C as determined through the Crafton Hills College assessment process

0136 10 MWF 10:00a-10:50a LEC 4.00 CHS-242 Salt,K
M 11:00a-01:50p LAB CHS-238 Boebinger,K

0138 11 MWF 10:00a-10:50a LEC 4.00 CHS-242 Salt,K
F 11:00a-01:50p LAB CHS-232 Kimbrough,P

0140 05 TTH 07:30a-08:50a LEC 4.00 CHS-242 Boebinger,K
T 09:00a-11:50a LAB CHS-238 Boebinger,K

0142 91 TTH 07:30a-08:50a LEC 4.00 CHS-242 Boebinger,K
TH 09:00a-11:50a LAB CHS-238 Boebinger,K

This section is linked to MATH 095-91. This means students enrolling in CHEM 101-91 (directly above) MUST ALSO ENROLL and REMAIN ENROLLED in MATH 095-91.

0144 50 MW 05:30p-06:50p LEC 4.00 CHS-242 Fellows Olteanu,M
M 07:00p-09:50p LAB CHS-238 Fellows Olteanu,M

CHEM 101 Introduction to Chemistry 4.00 Units

0146 51 MW 05:30p-06:50p LEC 4.00 CHS-242 Fellows Olteanu,M
W 07:00p-09:50p LAB CHS-238 Fellows Olteanu,M

CHEM 102 Introduction to Organic Chemistry 4.00 Units

A one semester course introducing the study of organic compounds. Topics include structure, nomenclature, properties, reactions, synthesis and biochemistry. Includes a laboratory component that emphasizes concepts discussed in lecture.

Associate Degree Applicable

Course credit transfers to CSU.

Limited transfer to UC; contact a counselor for details.

PREREQUISITE: CHEM 101 or CHEM 150

0148 10 MW 09:00a-10:20a LEC 4.00 CHS-237 Boebinger,K
W 10:30a-01:20p LAB CHS-238 Boebinger,K

CHEM 150 General Chemistry I 5.00 Units

First semester of a year-long sequence. Topics include atomic structure, bonding, nomenclature, stoichiometry, chemical reactions, enthalpy and the periodic table.

Associate Degree Applicable

Course credit transfers to both CSU and UC.

PREREQUISITE: MATH 095 or MATH 095C or eligibility for MATH 102

As determined through the Crafton Hills College assessment process

0150 20 MWF 11:00a-11:50a LEC 5.00 CHS-242 Salt,K
MW 08:00a-10:50a LAB CHS-232 Staff

NOTE: Students in this course (section 20) will have the opportunity to attend Supplemental Instruction (SI) sessions which are outside-of-class group study sessions with a trained student facilitator on FRIDAYS from 10:00am-11:00am or 12noon-01:00pm.

0152 21 MWF 11:00a-11:50a LEC 5.00 CHS-242 Salt,K
MW 01:00p-03:50p LAB CHS-232 Staff

NOTE: Students in this course (section 21) will have the opportunity to attend Supplemental Instruction (SI) sessions which are outside-of-class group study sessions with a trained student facilitator on FRIDAYS from 10:00am-11:00am or 12noon-01:00pm.

0154 22 MWF 11:00a-11:50a LEC 5.00 CHS-242 Salt,K
TTH 08:00a-10:50a LAB CHS-232 Salt,K

NOTE: Students in this course (section 22) will have the opportunity to attend Supplemental Instruction (SI) sessions which are outside-of-class group study sessions with a trained student facilitator on FRIDAYS from 10:00am-11:00am or 12noon-01:00pm.

CHEM 151 General Chemistry II 5.00 Units

Continuation of CHEM 150. Topics include kinetics, equilibrium, acids and bases, thermodynamics, electrochemistry, nuclear reactions and chemistry of coordination compounds.

Associate Degree Applicable

Course credit transfers to both CSU and UC.

PREREQUISITE: CHEM 150

0156 25 TTH 11:00a-12:20p LEC 5.00 CHS-242 Salt,K
TTH 12:30p-03:20p LAB CHS-232 Staff

0158 26 TTH 11:00a-12:20p LEC 5.00 CHS-242 Salt,K
TTH 08:00a-10:50a LAB CHS-232 Salt,K

CHEM 212 Organic Chemistry I 4.00 Units

First semester of a two semester organic chemistry sequence. Topics include: structure, nomenclature, reactivity, synthesis, reaction mechanisms and spectroscopy. Associate Degree Applicable
Course credit transfers to both CSU and UC.
PREREQUISITE: CHEM 151

0160 01 MW 07:30a-08:50a LEC 4.00 CHS-237 Boebinger, K
F 07:30a-10:20a LAB CHS-238 Boebinger, K

CHILD DEVELOPMENT

CD 100 Introduction to Child Development 3.00 Units

Overview of the field of early childhood including programs, their histories, philosophies, developmentally appropriate practices, developmental profiles of children, exposure to curriculum and methods of guidance. Associate Degree Applicable
Course credit transfers to CSU.

0162 10 MW 9:00a-10:20a LEC 3.00 CDC-106 Jones, M

CD 105 Child Growth and Development 3.00 Units

Study of human development from conception through adolescence within cultural and family contexts. Examination of cognitive, physical, social and emotional development. Observational study of children. Associate Degree Applicable
Course credit transfers to both CSU and UC.

0164 10 MW 09:00a-10:20a LEC 3.00 CDC-115 McLaren, M
NOTE: Students in this course (section 10) will have the opportunity to attend Supplemental Instruction (SI) sessions which are voluntary, outside-of-class group study sessions with a trained student facilitator.

0166 20 TTH 11:00a-12:20p LEC 3.00 CDC-115 McLaren, M
NOTE: Students in this course (section 20) will have the opportunity to attend Supplemental Instruction (SI) sessions which are voluntary, outside-of-class group study sessions with a trained student facilitator.

0168 30 TTH 01:00p-02:50p LEC 3.00 CDC-115 McLaren, M
Note: Ref. No. 0168 - 13 week class: 09/03 - 12/05
NOTE: Students in this course (section 30) will have the opportunity to attend Supplemental Instruction (SI) sessions which are voluntary, outside-of-class group study sessions with a trained student facilitator.

0170 70 ARR 3 HRS/WK LEC 3.00 McLaren, M
NOTE: This class is an online course with no on-campus meetings. Participation in this online class requires that students have access to a computer that is connected to the Internet and has a CD-ROM drive and speakers or headphones. Students with no previous experience in online/hybrid courses are encouraged to enroll in CHC 062 (formerly CIS 062), Introduction to Online Learning.

CD 112 Programs and Practices in Child Development 3.00 Units

General overview of curriculum design for early childhood programs. Includes planning, implementation and evaluation of curriculum and programs.

Associate Degree Applicable

Course credit transfers to CSU.

DEPARTMENTAL RECOMMENDATION: Successful completion of CD 105

0172 10 TTH 09:00a-10:20a LEC 3.00 CDC-115 Jones,M

CD 126 Child, Family and Community 3.00 Units

Examines the effects of family and community on a child's development. Interaction between children, family, school, peers, media and community are explored.

Associate Degree Applicable

Course credit transfers to CSU.

DEPARTMENTAL RECOMMENDATION: Successful completion of CD 105

0174 30 MW 01:00p-02:20p LEC 3.00 CDC-115 Jones,M

CD 130 Music and Movement for Children 3.00 Units

Study of music and movement growth and development of children. Philosophy, theory, technique and application of musical concepts used with children are explored. Planning and facilitating music movement of experiences with children.

Associate Degree Applicable

Course credit transfers to CSU.

DEPARTMENTAL RECOMMENDATION: Successful completion of CD 105

0176 65 T 06:30p-09:20p LEC 3.00 CDC-115 McLaren,M

CD 182 Teaching in a Diverse Society 3.00 Units

Designed to assist those in Early Learning environments in exploration of culturally relevant and diverse issues. Addresses attitudes and behaviors toward others as well as anti-bias curriculum and advocacy.

Associate Degree Applicable

Course credit transfers to CSU.

0178 25 TTH 11:00a-12:20p LEC 3.00 CDC-106 Jones,M

COLLEGE LIFE (LEARNING ASSIST)

CHC 062 Introduction to Online Learning 1.00 Units

Introduction to online learning with an emphasis on the skills necessary to become a successful online learner. Note: This course should be taken before enrolling in an online course.

Graded on Credit/No Credit basis only.

(Formerly CIS-062)

Associate Degree Applicable

0180 70 ARR 3.6 HRS/WK LEC 1.00 Boebinger,K

Note: Ref. No. 0180 - 5 week class: 08/19 - 09/20

This class (section 70) is an online course with no on-campus meetings. Participation in this online class requires that students have access to a computer that is connected to the Internet and has a CD-ROM drive and speakers or headphones.

CHC 090 College Study Skills and Strategies 2.00 Units

Comprehensive learning and academic strategies to assist students in developing an understanding of learning theories and academic principles, concepts, and strategies. Practical application with the goal of achieving or maximizing academic success.

(Formerly CHC-090X4)
Associate Degree Applicable

0182 95 MW 01:00p-01:50p LEC 2.00 CDC-106 Staff
This section is linked to ENGL 101-95 and MATH 090-95. This means students enrolling in CHC 090-95 (directly above) MUST ALSO ENROLL and REMAIN ENROLLED in ENGL 101-95 and MATH 090-95.

0184 92 TH 01:00p-02:40p LEC 2.00 LADM-106 Williams,G
This section is linked to GEOL 100-92 and MATH 090-92. This means students enrolling in CHC 090-92 (directly above) MUST ALSO ENROLL and REMAIN ENROLLED in GEOL 100-92 and MATH 090-92.

CHC 099 Learning Community Seminar 1.00 Units

Learning community seminar addressing the learning community goals, connections between courses, and students' reflection on their cognitive development within the learning community.

(Formerly CHC-099X4)
Associate Degree Applicable
COREQUISITE: Concurrent enrollment in a Crafton Hills College Learning Community

0186 92 M 11:00a-11:50a LEC 1.00 CL-216 Beitscher,J
This section is linked to HIST 101-92 and ENGL 101-92. This means students enrolling in CHC 099-92 (directly above) MUST ALSO ENROLL and REMAIN ENROLLED in HIST 101-92 and ENGL 101-92.

0188 90 T 08:00a-08:50a LEC 1.00 LADM-217 Brown,R
This section is linked to ENGINEERING 101-90. This means students enrolling in CHC 099-90 (directly above) MUST ALSO ENROLL and REMAIN ENROLLED in ENGINEERING 101-90.

CHC 100 Student Success and the College Experience 3.00 Units

Introduction to the college experience, including academic and career self-assessment and strategies for success.

Associate Degree Applicable
Course credit transfers to both CSU and UC.

0190 94 MW 09:00a-10:20a LEC 3.00 CL-107 Williams,G
This section is linked to MATH 095-94 and ENGL 101-94 This means students enrolling in CHC 100-94 (directly above) MUST ALSO ENROLL and REMAIN ENROLLED in MATH 095-94 and ENGL 101-94.

COMMUNICATION STUDIES

COMMST 100 Elements of Public Speaking 3.00 Units

Introductory study and training in public communication.

(Formerly SPEECH-100, SPEECH-100H)
Associate Degree Applicable
Course credit transfers to both CSU and UC.
DEPARTMENTAL RECOMMENDATION: Concurrent enrollment in ENGL 015 or eligibility for ENGL 101

0192 01 MWF 08:00a-08:50a LEC 3.00 BC-105 Shelton II,S
0194 10 MW 09:00a-11:50a LEC 3.00 BC-106 Urbanovich,J

Note: Ref. No. 0194 - 9 week class: 08/19 - 10/16

0196 30 MW 01:00p-02:20p LEC 3.00 CHS-237 Drake-Green,P

COMMST 100		Elements of Public Speaking				3.00 Units		
0198	70	M	01:00p-04:50p 08/19/13-08/19/13	LEC	3.00	BC-106	Urbanovich,J	
		M	01:00p-03:50p 08/26/13-08/26/13	LEC		BC-106	Urbanovich,J	
		M	01:00p-04:50p 09/09/13-09/09/13	LEC		BC-106	Urbanovich,J	
		M	01:00p-03:50p 09/16/13-09/16/13	LEC		BC-106	Urbanovich,J	
		M	01:00p-03:50p 09/23/13-09/23/13	LEC		BC-106	Urbanovich,J	
		M	01:00p-03:50p 10/07/13-10/07/13	LEC		BC-106	Urbanovich,J	
		M	01:00p-03:50p 10/14/13-10/14/13	LEC		BC-106	Urbanovich,J	
		ARR	1.5 HRS/WK	LEC		BC-106	Urbanovich,J	

Note: Ref. No. 0198 - 9 week class: 08/19 - 10/18

Note: This hybrid class includes seven (7) on-campus meetings and online components which require students to have access to a computer that is connected to the Internet and has a CD-ROM and speakers or headphones. Students with no previous experience in online/hybrid courses are encouraged to enroll in CHC 062 (formerly CIS 062), Introduction to Online Learning.

0200	15	TTH	09:30a-10:50a	LEC	3.00	BC-105	Van Wolferen,M
0202	25	TTH	11:00a-12:20p	LEC	3.00	BC-105	Van Wolferen,M
0204	45	TTH	03:30p-04:50p	LEC	3.00	BC-105	O'Shaughnessy,V
0206	55	TTH	05:00p-06:20p	LEC	3.00	BC-105	O'Shaughnessy,V
0208	65	T	07:00p-09:50p	LEC	3.00	BC-105	O'Shaughnessy,V

COMMST 100H Elements of Public Speaking - Honors 3.00 Units

Introductory study and training in public communication. This course includes content and experiences appropriate for students wishing to earn honors credit.

(Formerly SPEECH-100, SPEECH-100H)

Associate Degree Applicable

Course credit transfers to both CSU and UC.

PREREQUISITE: Acceptance into the College Honors Institute

DEPARTMENTAL RECOMMENDATION: Eligibility for ENGL 101 or concurrent enrollment in ENGL 010

0210	01	MWF	08:00a-08:50a	LEC	3.00	BC-105	Shelton II,S
0212	10	MW	09:00a-11:50a	LEC	3.00	BC-106	Urbanovich,J
			Note: Ref. No. 0212 - 9 week class: 08/19 - 10/16				
0214	55	TTH	05:00p-06:20p	LEC	3.00	BC-105	O'Shaughnessy,V

COMMST 111 Interpersonal Communication 3.00 Units

Examination of the dynamics of the communication process within the context of interpersonal relationships. Principles of effective listening and accurate expression of verbal and nonverbal messages.

(Formerly SPEECH-111)

Associate Degree Applicable

Course credit transfers to both CSU and UC.

DEPARTMENTAL RECOMMENDATION: Eligibility for ENGL 101

COMMST 111 Interpersonal Communication 3.00 Units

0216	05	TTH	07:30a-08:50a	LEC	3.00	BC-106	Shelton II,S
0218	30	W	02:00p-04:50p	LEC	3.00	BC-106	Urbanovich,J
0220	55	TTH	05:00p-06:20p	LEC	3.00	BC-106	Newman,R

COMMST 111H Interpersonal Communication-Honors 3.00 Units

Examination of the dynamics of the communication process within the context of interpersonal relationships. Principles of effective listening and accurate expression of verbal and nonverbal messages. This course includes content and experiences appropriate for students wishing to earn honors credit.

(Formerly SPEECH-111H)

Associate Degree Applicable

Course credit transfers to both CSU and UC.

PREREQUISITE: Acceptance into the College Honors Institute

DEPARTMENTAL RECOMMENDATION: Eligibility for ENGL 101

0222 05 TTH 07:30a-08:50a LEC 3.00 BC-106 Shelton II,S

COMMST 125 Critical Thinking Through Argumentation and Debate 3.00 Units

Study of critical thinking through oral advocacy and debate. Principles of effective argumentation including logic, reasoning, evidence, motivation, persuasion and refutation. Preparation and presentation of written and oral arguments and participation in individual and group debates. Substantial analytical reading is required.

(Formerly SPEECH-125)

Associate Degree Applicable

Course credit transfers to both CSU and UC.

PREREQUISITE: ENGL 101 or ENGL 101H

DEPARTMENTAL RECOMMENDATION: Successful completion of COMMST 100 or COMMST 100H

0224 10 MW 09:00a-11:50a LEC 3.00 BC-106 Urbanovich,J

Note: Ref. No. 0224 - 9 week class: 10/21 - 12/18

0226 70 M 01:00p-04:50p LEC 3.00 BC-106 Urbanovich,J

10/21/13-10/21/13

M 01:00p-04:50p LEC BC-106 Urbanovich,J

10/28/13-10/28/13

M 01:00p-04:50p LEC BC-106 Urbanovich,J

11/04/13-11/04/13

M 01:00p-04:50p LEC BC-106 Urbanovich,J

11/18/13-11/18/13

M 01:00p-04:50p LEC BC-106 Urbanovich,J

11/25/13-11/25/13

M 01:00p-04:50p LEC BC-106 Urbanovich,J

12/02/13-12/02/13

M 01:00p-04:50p LEC BC-106 Urbanovich,J

12/09/13-12/09/13

ARR 3 HRS/WK LEC BC-106 Urbanovich,J

Note: Ref. No. 0226 - 8 week class: 10/21 - 12/09

Note: This hybrid class includes seven (7) on-campus meetings and online components which require students to have access to a computer that is connected to the Internet and has a CD-ROM and speakers or headphones. Students with no previous experience in online/hybrid courses are encouraged to enroll in CHC 062 (formerly CIS 062), Introduction to Online Learning.

COMMST 135 Mass Communication in Society 3.00 Units

An introduction to contemporary mass media including television, radio, sound recordings, film, print media and computer-mediated communication. Exploration of the theories, history, effects, and role of mass communication. Critical analysis of mass media messages.

This course is also offered as JOUR 135.

(Formerly SPEECH-135, JOUR-135)

Associate Degree Applicable

Course credit transfers to both CSU and UC.

COMMST 135 Mass Communication in Society 3.00 Units

0228 70 M 11:00a-12:50p LEC 3.00 BC-101 Hogrefe,R
08/19/13-12/20/13
ARR 1 HRS/WK LEC BC-101 Hogrefe,R

This hybrid class meets once (1) a week on-campus and has an online component that requires students to have access to a computer that is connected to the Internet and has a CD-ROM and speakers or headphones. Students with no previous experience in online/hybrid courses are encouraged to enroll in CHC 062 (formerly CIS 062), Introduction to Online Learning.

COMMST 140 Small Group Communication 3.00 Units

Introductory principles and techniques of small group interaction including participation in panel discussions, symposiums and cooperative problem-solving. (Formerly SPEECH-140)

Associate Degree Applicable

Course credit transfers to both CSU and UC.

DEPARTMENTAL RECOMMENDATION: Eligibility for ENGL 101 as determined through the Crafton Hills College assessment process

0230 15 TTH 09:00a-10:50a LEC 3.00 BC-106 Shelton II,S
Note: Ref. No. 0230 - 13 week class: 09/17 - 12/12

COMMST 155 Human Relations in the Workplace 3.00 Units

Examination of individual, group and organizational behavior as it affects performance and productivity in the workplace.

(Formerly SPEECH-155)

Associate Degree Applicable

Course credit transfers to CSU.

0232 65 TH 07:00p-09:50p LEC 3.00 BC-106 Newman,R

COMPUTER INFORMATION SYSTEMS

CIS 101 Introduction to Computer and Information Technology 3.00 Units

Introduction to computer and information technology. Includes an overview and the use of computer software including word processing, spreadsheets, presentation applications and databases. No previous computer experience is required.

This course is also offered as BUSAD-230.

Associate Degree Applicable

Course credit transfers to both CSU and UC.

0234 10 M 09:00a-10:50a LEC 3.00 LADM-101 Staff
W 09:00a-09:50a LEC LADM-101 Staff
0236 20 M 11:00a-12:50p LEC 3.00 LADM-101 Staff
W 11:00a-11:50a LEC LADM-101 Staff
0238 15 TTH 09:00a-10:20a LEC 3.00 LADM-101 Yau,M
0240 35 TTH 01:00p-02:20p LEC 3.00 LADM-101 Staff
0242 25 T 11:00a-12:50p LEC 3.00 LADM-101 Allen,D
TH 11:00a-11:50a LEC LADM-101 Allen,D
0244 70 ARR 3 HRS/WK LEC 3.00 Yau,M

This class (section 70) is an online course with no on-campus meetings. Participation in this online class requires that students have access to a computer that is connected to the Internet and has a CD-ROM drive and speakers or headphones. Students with no previous experience in online/hybrid courses are encouraged to enroll in CHC 062 (formerly CIS 062), Introduction to Online Learning.

CIS 101 Introduction to Computer and Information Technology 3.00 Units

0246 71 ARR 3 HRS/WK LEC 3.00 Yau,M

This class (section 71) is an online course with no on-campus meetings. Participation in this online class requires that students have access to a computer that is connected to the Internet and has a CD-ROM drive and speakers or headphones. Students with no previous experience in online/hybrid courses are encouraged to enroll in CHC 062 (formerly CIS 062), Introduction to Online Learning.

0248 65 T 07:00p-09:50p LEC 3.00 LADM-101 Carroll,L

0250 60 TH 07:00p-09:50p LEC 3.00 LADM-101 Papp,E

CIS 111 Web Page Programming and Design 3.00 Units

Introduction to web page design, programming and administration using HTML, XHTML, CSS and scripting languages.

Associate Degree Applicable
Course credit transfers to CSU.

0252 15 TTH 11:00a-12:20p LEC 3.00 LADM-216 Yau,M

CIS 113 Java Programming 3.00 Units

Introduction to Java Programming. Includes program design and development, program logic structures, classes and objects, object-oriented design, inheritance, arrays, graphical user interfaces, and applets.

Associate Degree Applicable
Course credit transfers to both CSU and UC.
DEPARTMENTAL RECOMMENDATION: Successful completion of CIS 101

0254 60 W 07:00p-09:50p LEC 3.00 LADM-216 Deng,Y

CIS 130 Hardware and Information Technology 3.00 Units

Hands-on course covering basic computer hardware, operating system software and utility programs, management and maintenance. Includes hardware components, troubleshooting as well as preparation for industry standard certification exams.

Associate Degree Applicable
DEPARTMENTAL RECOMMENDATION: Successful completion of CIS 101

0256 35 TTH 01:00p-02:50p LEC 3.00 LADM-220 Romano,N

Note: Ref. No. 0256 - 13 week class: 09/17 - 12/12

CIS 140 Networking for Home and Small Businesses (Cisco CCNA 1) 3.75 Units

First of four courses leading to the Cisco Certified Network Associate (CCNA) designation. Hands-on introduction to networking and the Internet using tools and hardware commonly found in home and small business environments.

(Formerly CIS-140X2)
Associate Degree Applicable
DEPARTMENTAL RECOMMENDATION: Successful completion of CIS 101

0258 72 TTH 09:00a-10:20a LEC 3.75 LADM-220 Allen,D

TTH 10:21a-10:50a LAB LADM-220 Allen,D

ARR 3 HRS/WK LEC LADM-220 Allen,D

ARR 3.4 HRS/WK LAB LADM-220 Allen,D

Note: Ref. No. 0258 - 8 week class: 08/20 - 10/10

CIS 141 Working At a Small-To-Medium Business or ISP (Cisco CCNA 2) 3.75 Units

Second of four courses leading to the Cisco Certified Network Associate (CCNA) designation. Basic overview of routing and remote access, addressing, and security. Network monitoring and basic troubleshooting skills.

(Formerly CIS-141X2)

Associate Degree Applicable

PREREQUISITE: CIS 140

0260	70	TTH	09:00a-10:20a	LEC	3.75	LADM-220	Allen,D
		TTH	10:21a-10:50a	LAB		LADM-220	Allen,D
		ARR	3 HRS/WK	LEC		LADM-220	Allen,D
		ARR	3.5 HRS/WK	LAB		LADM-220	Allen,D

Note: Ref. No. 0260 - 8 week class: 10/22 - 12/12

CIS 161 Website Design and Programming Using Dreamweaver 3.00 Units

In-depth study of Website design and programming using Dreamweaver. Students will design, create,publish and maintain websites using Dreamweaver.

Associate Degree Applicable

Course credit transfers to CSU.

DEPARTMENTAL RECOMMENDATION: Successful completion of CIS 111

0262	45	TTH	03:00p-04:20p	LEC	3.00	LADM-216	Romano,N
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CIS 163 Introduction to PhotoShop 3.00 Units

Design, creation, and manipulation of original and existing images and photographs using PhotoShop.

Associate Degree Applicable

Course credit transfers to CSU.

0264	60	M	07:00p-09:50p	LEC	3.00	LADM-216	Walter,M
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CIS 166 Advanced 3D Modeling and Animation 3.00 Units

Techniques of advanced 3D modeling and animation with the Maya character animation and visual effects system. Generation of digital images of animated characters and scenes. Course includes 3D modeling, animations, texture mapping, adding visual effects and rendering.

Associate Degree Applicable

Course credit transfers to CSU.

PREREQUISITE: CIS 165X3

0266	40	MW	03:00p-04:20p	LEC	3.00	LADM-216	Walter,M
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CIS 180 Computer Graphics With Adobe Illustrator 2.00 Units

Introduction to Adobe Illustrator including application in print and Web graphic design.

Associate Degree Applicable

Course credit transfers to CSU.

0268	30	MW	01:00p-02:50p	LEC	2.00	LADM-216	Walter,M
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Note: Ref. No. 0268 - 9 week class: 08/19 - 10/16

CIS 182 Desktop Publishing With Adobe Indesign 2.00 Units

Introduction to desktop publishing and page layout using Adobe InDesign. Topics covered include tools and features used to produce professional publications including newspapers, magazines,flyers and books.

Associate Degree Applicable

Course credit transfers to CSU.

0270	30	MW	01:00p-02:50p	LEC	2.00	LADM-216	Walter,M
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Note: Ref. No. 0270 - 9 week class: 10/21 - 12/18

COMPUTER SCIENCE

CSCI 110 Introduction to Computer Science I 4.00 Units

Introduction to computer science, including programming, theory and applications. Introduction to computer software design, implementation, methods, environment and problem solving using structured programming in a high-level language.

Associate Degree Applicable

Course credit transfers to CSU.

PREREQUISITE: MATH 102 or MATH 160 or eligibility for MATH 250 as determined through the Crafton Hills College assessment process

0272	10	MW	09:00a-10:20a	LEC	4.00	LADM-216	Yau,M
		MW	10:30a-11:50a	LAB		LADM-216	Yau,M

DANCE

DANCE 143 Funk/Hip Hop Dance 1.00 Units

Instruction in funk and hip hop dance for beginning students, with little or no experience in and for advanced students who wish to clarify technical problems and deficiencies. Development of skills that will enable students to perform dance steps in video dancing using techniques such as a brake, pop style and up-tempo. This course is also offered as PE/I 143.

(Formerly PE/I-143X4)

Associate Degree Applicable Course credit transfers to CSU.

0274	35	TTH	01:00p-02:20p	LAB	1.00	G-101W	Manning,L
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ECONOMICS

ECON 100 Introduction to Economics 3.00 Units

Economic analysis applied to issues and problems facing the U.S. economy. Economic problems are analyzed with the elementary tools of economics as a way of evaluating alternative choices with respect to actual or hypothetical courses of actions.

Associate Degree Applicable

Course credit transfers to CSU.

Limited transfer to UC; contact a counselor for details.

DEPARTMENTAL RECOMMENDATIONS: Eligibility for ENGL 101.

Eligibility for MATH 095.

0276	40	MW	03:00p-04:50p	LEC	3.00	LRC-231	Mansourian,F
							Note: Ref. No. 0276 - 13 week class: 09/16 - 12/11
0278	60	T	07:00p-09:50p	LEC	3.00	LRC-231	Mansourian,F

ECON 200 Principles of Macroeconomics 3.00 Units

Introduction to the basic mechanisms of macroeconomics, including key underlying concepts, theories and institutions such as national income account, the Classical and Keynesian theories, the Federal Reserve System and commercial banking.

Associate Degree Applicable

Course credit transfers to both CSU and UC.

DEPARTMENTAL RECOMMENDATIONS: Eligibility for ENGL 101.

Eligibility for MATH 090

0280	10	MW	09:00a-10:50a	LEC	3.00	LRC-231	Mansourian,F
							Note: Ref. No. 0280 - 13 week class: 09/16 - 12/11
0282	60	TH	07:00p-09:50p	LEC	3.00	LRC-231	Mansourian,F

ECON 201 Principles of Microeconomics 3.00 Units

An introduction to economic principles that govern production, exchange, distribution and consumption in a capitalist economy.

Associate Degree Applicable

Course credit transfers to both CSU and UC.

DEPARTMENTAL RECOMMENDATIONS: Eligibility for ENGL 101.

Eligibility for MATH 090

0284 45 TTH 03:00p-04:20p LEC 3.00 LRC-231 Mansourian,F

EDUCATION

EDU 290 Introduction to Education 3.00 Units

Introduction to the field of education designed to familiarize students with the broad aspects of the profession, philosophy, and principles of teaching school age children

Associate Degree Applicable

Course credit transfers to both CSU and UC.

DEPARTMENTAL RECOMMENDATION: Successful completion of CD 105

0286 45 M 03:00p-05:50p LEC 3.00 CDC-115 Jones,M

EMERGENCY MEDICAL SERVICES

EMS 020 Emergency Medical Technician-I/ EMT-Basic 6.00 Units

Instruction in all facets of U.S. DOT T22CCR required of basic life support measures, CPR, and the use of appropriate emergency medical equipment and supplies.

Associate Degree Applicable

PREREQUISITES: READ 078X2 or reading competency as demonstrated by successful completion of ENGL 101 or ENGL 101H or eligibility for READ 100 as determined through the Crafton Hills College assessment process

COREQUISITES: EMS 021, EMS 022, EMS 023, and meet U.S. DOT Requirements

DEPARTMENTAL RECOMMENDATIONS:

Good dexterity and coordination abilities, the ability to work in small areas in different positions and at times on the ground or floor, and good physical condition with the ability to lift up to 150 pounds

NOTE: FINANCIAL AID ALERT: These classes will not qualify for, or will reduce eligibility for Federal Financial Aids. Contact the Financial Aid Office (CL-214)

EMS 021 Preventing Disease Transmission for Emergency Medical Technician-I/ 0.50 Units

Disease transmission, infection control practices, including occupational exposure management and legal concerns. Designed for emergency medical services, hospital and public safety personnel.

Graded on Credit/No Credit basis only.

(Formerly EMS-021X20)

Associate Degree Applicable

COREQUISITES: EMS 020, EMS 022, and EMS 023

Students must be 18 yrs old at time of registration

EMS 022 Basic Life Support for Emergency Medical Technician-I/EMT-Basic 0.50 Units

Knowledge and skills of cardiopulmonary resuscitation (CPR) for victims of all ages including ventilation devices, automated external defibrillator, and foreign-body airway obstruction. This course meets the 2005 Guidelines for Cardiopulmonary Resuscitation and Emergency Cardiovascular Care at the healthcare provider level.

Graded on Credit/No Credit basis only.
 Associate Degree Applicable
 COREQUISITES: EMS 020, EMS 021, and EMS 023

Hazardous Materials First Responder

EMS 023 Awareness for Emergency Medical 0.50 Units

Instruction in the recognition of hazardous materials events, action responses to the events and hazard assessment techniques. Satisfies the requirements for all healthcare workers at the hazardous materials awareness level.

Graded on Credit/No Credit basis only.
 Associate Degree Applicable
 COREQUISITES: EMS 020, EMS 021, and EMS 022

EMS 020:

0288 90 M 09:00a-12:50p LEC 6.00 OE1-127 Holbrook,J
 M 02:00p-05:50p LAB OE1-127 Holbrook,J
 ARR 1.5 HRS/WK CLINC OFFC-CLNC Reese,G
 ARR 1.5 HRS/WK FIELD OFFF-FLD Reese,G

IMPORTANT: You must also register in EMS 021, Section 90, EMS 022, Section 90 and EMS 023, Section 90.
 NOTE: There is a MANDATORY ORIENTATION on Saturday 8/17/13 from 9:00 am to 12:00 pm in the Performing Arts Center (PAC). Students must be 18 years old at time of registration.
 NOTE: FINANCIAL AID ALERT: This class will not qualify for, or will reduce eligibility for Federal Financial Aids. Contact the Financial Aid Office (CL-214).
 NOTE: Registration for this course will close at noon on the day before the mandatory orientation.

EMS 021:

0296 90 S 09:00a-12:50p LEC 0.50 BC-101 Verosik,E
 S 02:00p-05:50p LEC BC-101 Verosik,E

Note: Ref. No. 0296 - 1 week class: 09/07 - 09/07

IMPORTANT: You must also register in EMS 020, Section 90, EMS 022, Section 90 and EMS 023, Section 90.
 NOTE: There is a MANDATORY ORIENTATION on Saturday 8/17/13 from 9:00 am to 12:00 pm in the Performing Arts Center (PAC). Students must be 18 years old at time of registration.
 NOTE: Registration for this course will close at noon on the day before the mandatory orientation.

EMS 022:

0304 90 SSU 09:00a-12:50p LEC 0.50 BC-104 Nicholson,K
 SSU 02:00p-05:50p LAB BC-105 Nicholson,K

Note: Ref. No. 0304 - 1 week class: 08/24 - 08/25

IMPORTANT: You must also register in EMS 020, Section 90, EMS 021, Section 90 and EMS 023, Section 90.
 NOTE: Students must be 18 yrs old at time of registration. NOTE: Registration for this course will close at noon on the day before the mandatory orientation.

EMS 023:

0314 90 SU 09:00a-12:50p LEC 0.50 BC-106 Commander,J
 SU 02:00p-05:50p LEC BC-106 Commander,J

Note: Ref. No. 0314 - 1 week class: 09/08 - 09/08

IMPORTANT: You must also register in EMS 020, Section 90, EMS 021, Section 90 and EMS 022, Section 90.
 NOTE: Students must be 18 yrs old at time of registration.
 NOTE: Registration for this course will close at noon on the day before the mandatory orientation.

EMERGENCY MEDICAL SERVICES

NOTE: There is a MANDATORY ORIENTATION on Saturday 8/17/13 from 9:00 am to 12:00 pm in the Performing Arts Center (PAC). Students must be 18 years old at time of registration

EMS 020:

0290	91	W	09:00a-12:50p	LEC	6.00	OE1-127	Reese,G
		W	02:00p-05:50p	LAB		OE1-127	Reese,G
		ARR	1.5 HRS/WK	CLINC		OFFC-CLNC	Reese,G
		ARR	1.5 HRS/WK	FIELD		OFFF-FLD	Reese,G

IMPORTANT: You must also register in EMS 021, Section 91, EMS 022, Section 91 and EMS 023, Section 91.

NOTE: There is a MANDATORY ORIENTATION on Saturday 8/17/13 from 9:00 am to 12:00 pm in the Performing Arts Center (PAC). Students must be 18 years old at time of registration.

NOTE: FINANCIAL AID ALERT: This class will not qualify for, or will reduce eligibility for Federal Financial Aids. Contact the Financial Aid Office (CL-214).

NOTE: Registration for this course will close at noon on the day before the mandatory orientation.

EMS 021:

0300	91	SU	09:00a-12:50p	LEC	0.50	BC-101	Verosik,E
		SU	02:00p-05:50p	LEC		BC-101	Verosik,E

Note: Ref. No. 0300 - 1 week class: 08/25 - 08/25

IMPORTANT: You must also register in EMS 020, Section 91, EMS 022, Section 91 and EMS 023, Section 91.

NOTE: There will be a MANDATORY ORIENTATION on Saturday, August 17, 2013 from 9:00 a.m. to 12:00 Noon in the Performing Arts Center (PAC). Students must be 18 yrs old at time of registration.

NOTE: Registration for this course will close at noon on the day before the mandatory orientation.

EMS 022:

0306	91	SSU	09:00a-12:50p	LEC	0.50	BC-104	Nicholson,K
		SSU	02:00p-05:50p	LAB		BC-105	Nicholson,K

Note: Ref. No. 0306 - 1 week class: 09/07 - 09/08

IMPORTANT: You must also register in EMS 020, Section 91, EMS 021, Section 91 and EMS 023, Section 91.

NOTE: There will be a MANDATORY ORIENTATION on Saturday, August 17, 2013 from 9:00 a.m. to 12:00 Noon in the Performing Arts Center (PAC). Students must be 18 yrs old at time of registration.

NOTE: Registration for this course will close at noon on the day before the mandatory orientation

EMS 023:

0312	91	S	09:00a-12:50p	LEC	0.50	BC-106	Commander,J
		S	02:00p-05:50p	LEC		BC-106	Commander,J

Note: Ref. No. 0312 - 1 week class: 08/24 - 08/24

IMPORTANT: You must also register in EMS 020, Section 91, EMS 021, Section 91 and EMS 022, Section 91.

NOTE: There will be a MANDATORY ORIENTATION on Saturday, August 17, 2013 from 9:00 a.m. to 12:00 Noon in the Performing Arts Center (PAC). Students must be 18 yrs old at time of registration.

NOTE: Registration for this course will close at noon on the day before the mandatory orientation.

EMERGENCY MEDICAL SERVICES

NOTE: There is a MANDATORY ORIENTATION on Saturday 8/17/13 from 9:00 am to 12:00 pm in the Performing Arts Center (PAC). Students must be 18 years old at time of registration

EMS 020:

0294 92	T	06:00p-09:50p	LEC	6.00	OE1-127	Nicholson,K
	TH	06:00p-09:50p	LAB		OE1-127	Nicholson,K
	ARR	1.5 HRS/WK	CLINC		OFFC-CLNC	Reese,G
	ARR	1.5 HRS/WK	FIELD		OFFF-FLD	Reese,G

IMPORTANT: You must also register in EMS 021, Section 92, EMS 022, Section 92 and EMS 023, Section 92.

NOTE: There is a MANDATORY ORIENTATION on Saturday 8/17/13 from 9:00 am to 12:00 pm in the Performing Arts Center (PAC). Students must be 18 years old at time of registration.

NOTE: FINANCIAL AID ALERT: This class will not qualify for, or will reduce eligibility for Federal Financial Aids. Contact the Financial Aid Office (CL-214).

NOTE: Registration for this course will close at noon on the day before the mandatory orientation.

EMS 021:

0298 92	S	09:00a-12:50p	LEC	0.50	BC-101	Verosik,E
	S	02:00p-05:50p	LEC		BC-101	Verosik,E

Note: Ref. No. 0298 - 1 week class: 08/24 - 08/24

IMPORTANT: You must also register in EMS 020, Section 92, EMS 022, Section 92 and EMS 023, Section 92.

NOTE: There will be a MANDATORY ORIENTATION on Saturday, August 17, 2013 from 9:00 a.m. to 12:00 Noon in the Performing Arts Center (PAC). Students must be 18 yrs old at time of registration.

NOTE: FINANCIAL AID ALERT: This class will not qualify for, or will reduce eligibility for Federal Financial Aids. Contact the Financial Aid Office (CL-214)

NOTE: Registration for this course will close at noon on the day before the mandatory orientation.

EMS 022:

0308 92	SSU	09:00a-12:50p	LEC	0.50	BC-104	Nicholson,K
	SSU	02:00p-05:50p	LAB		BC-105	Nicholson,K

Note: Ref. No. 0308 - 1 week class: 09/14 - 09/15

IMPORTANT: You must also register in EMS 020, Section 92, EMS 021, Section 92 and EMS 023, Section 92.

NOTE: There will be a MANDATORY ORIENTATION on Saturday, August 17, 2013 from 9:00 a.m. to 12:00 Noon in the Performing Arts Center (PAC). Students must be 18 yrs old at time of registration.

NOTE: FINANCIAL AID ALERT: This class will not qualify for, or will reduce eligibility for Federal Financial Aids. Contact the Financial Aid Office (CL-214)

NOTE: Registration for this course will close at noon on the day before the mandatory orientation.

EMS 023:

0316 92	SU	09:00a-12:50p	LEC	0.50	BC-106	Commander,J
	SU	02:00p-05:50p	LEC		BC-106	Commander,J

Note: Ref. No. 0316 - 1 week class: 08/25 - 08/25

IMPORTANT: You must also register in EMS 020, Section 92, EMS 021, Section 92 and EMS 022, Section 92.

NOTE: There will be a MANDATORY ORIENTATION on Saturday, August 17, 2013 from 9:00 a.m. to 12:00 Noon in the Performing Arts Center (PAC). Students must be 18 yrs old at time of registration. NOTE: Registration for this course will close at noon on the day before the mandatory orientation.

EMERGENCY MEDICAL SERVICES

NOTE: There is a MANDATORY ORIENTATION on Saturday 8/17/13 from 9:00 am to 12:00 pm in the Performing Arts Center (PAC). Students must be 18 years old at time of registration

EMS 020:

0292 93	S	09:00a-12:50p	LEC	6.00	OE1-127	Gradias, B
	S	02:00p-05:50p	LAB		OE1-127	Gradias, B
	ARR	1.5 HRS/WK	CLINC		OFFC-CLNC	Reese, G
	ARR	1.5 HRS/WK	FIELD		OFFF-FLD	Reese, G

IMPORTANT: You must also register in EMS 021, Section 93, EMS 022, Section 93 and EMS 023, Section 93.

NOTE: There is a MANDATORY ORIENTATION on Saturday 8/17/13 from 9:00 am to 12:00 pm in the Performing Arts Center (PAC). Students must be 18 years old at time of registration.

NOTE: FINANCIAL AID ALERT: This class will not qualify for, or will reduce eligibility for Federal Financial Aids. Contact the Financial Aid Office (CL-214).

NOTE: Registration for this course will close at noon on the day before the mandatory orientation.

EMS 021:

0302 93	SU	09:00a-12:50p	LEC	0.50	BC-101	Verosik,E
	SU	02:00p-05:50p	LEC		BC-101	Verosik,E

Note: Ref. No. 0302 - 1 week class: 09/08 - 09/08

IMPORTANT: You must also register in EMS 020, Section 93, EMS 022, Section 93 and EMS 023, Section 93.

NOTE: There is a MANDATORY ORIENTATION on Saturday 8/17/13 from 9:00 am to 12:00 pm in the Performing Arts Center (PAC). Students must be 18 years old at time of registration.

NOTE: FINANCIAL AID ALERT: This class will not qualify for, or will reduce eligibility for Federal Financial Aids. Contact the Financial Aid Office (CL-214).

NOTE: Registration for this course will close at noon on the day before the mandatory orientation.

EMS 022:

0310 93	SU	09:00a-12:50p	LEC	0.50	BC-104	Nicholson,K
	SU	02:00p-05:50p	LAB		BC-105	Nicholson,K

Note: Ref. No. 0310 - 2 week class: 09/22 - 09/29

IMPORTANT: You must also register in EMS 020, Section 93, EMS 021, Section 93 and EMS 023, Section 93.

NOTE: There is a MANDATORY ORIENTATION on Saturday 8/17/13 from 9:00 am to 12:00 pm in the Performing Arts Center (PAC). Students must be 18 years old at time of registration.

NOTE: FINANCIAL AID ALERT: This class will not qualify for, or will reduce eligibility for Federal Financial Aids. Contact the Financial Aid Office (CL-214).

NOTE: Registration for this course will close at noon on the day before the mandatory orientation.

EMS 023:

0318 93	SU	09:00a-12:50p	LEC	0.50	BC-106	Staff
	SU	02:00p-05:50p	LEC		BC-106	Staff

Note: Ref. No. 0318 - 1 week class: 09/15 - 09/15

IMPORTANT: You must also register in EMS 020, Section 93, EMS 021, Section 93 and EMS 022, Section 93.

NOTE: There is a MANDATORY ORIENTATION on Saturday 8/17/13 from 9:00 am to 12:00 pm in the Performing Arts Center (PAC). Students must be 18 years old at time of registration.

NOTE: Registration for this course will close at noon on the day before the mandatory orientation.

Customer Service and Professionalism

EMS 025 For the Emergency Services Worker 0.50 Units

Preparation of the Emergency Medical Services student in customer service, communication skills, hiring processes and career awareness within the emergency services field.

Graded on Credit/No Credit basis only.

Associate Degree Applicable

0320 90 SU 09:00a-12:50p LEC 0.50 LRC-231 Molloy,D
SU 02:00p-05:50p LEC LRC-231 Molloy,D

Note: Ref. No. 0320 - 1 week class: 11/03 - 11/03

NOTE: Registration opens 10-14-13. Registration requires department approval.

EMS 103 Mobile Intensive Care Nurse 2.25 Units

Orientation to pre-hospital advanced care protocols for San Bernardino, Riverside, Inyo and Mono counties and practice giving direction to prehospital care providers via one way radio or two way radio communication. Information on the roles and responsibilities of the mobile intensive care nurse.

Graded on Credit/No Credit basis only.

Associate Degree Applicable

Course credit transfers to CSU.

PREREQUISITES: As required by San Bernardino and Riverside County Emergency Medical Services: A current California R.N. license, one year experience as a registered nurse, 800 hours experience as a nurse in the emergency department, current ACLS certification, proof of a cardiac dysrhythmia course, current employment in a base station hospital in San Bernardino, Riverside, Inyo or Mono county and the ability to complete a written screening examination with 80% accuracy

0322 80 F 09:00a-12:50p LEC 2.25 BC-101 Yamashiro,S
F 02:00p-05:50p LAB BC-105 Yamashiro,S
ARR 3.2 HRS/WK CLINC Yamashiro,S
ARR 3.2 HRS/WK FIELD Yamashiro,S

Note: Ref. No. 0322 - 5 week class: 11/01 - 12/06

EMS 150 Patient Assessment for Paramedics 3.00 Units

Overview of pre-hospital patient assessment and pathophysiology for the Paramedic. Provides the foundational knowledge and skills to effectively assess and treat patients in the pre-hospital setting and make effective clinical care decisions.

Associate Degree Applicable

Course credit transfers to CSU.

PREREQUISITE: Admission into the EMT-Paramedic Program

COREQUISITES: EMS 151, EMS 152, EMS 153, EMS 154, and EMS 155

0324 95 ARR 2.7 HRS/WK LEC 3.00 OE1-120 Word,D

EMS 151 Introduction to EMS for Paramedics 2.00 Units

Introduction to EMS for Paramedics. Overview of paramedicine, emergency medical services ethics, patient care management, laws and policies of emergency services and communications related to the delivery of emergency medical services.

Associate Degree Applicable

Course credit transfers to CSU.

PREREQUISITE: Admission into the EMT-Paramedic Program

COREQUISITES: EMS 150, EMS 152, EMS 153, EMS 154, and EMS 155

0326 95 ARR 1.8 HRS/WK LEC 2.00 OE1-120 Holbrook,J

EMS 152 Cardiology for the EMT-Paramedic 4.50 Units

Cardiac dysrhythmias and electrophysiology for the paramedic. Review of pertinent anatomy and physiology and recognition and treatment of myocardial injury and cardiovascular disorders.

Associate Degree Applicable

Course credit transfers to CSU.

PREREQUISITE: Admission into the Paramedic Program

COREQUISITES: EMS 150, EMS 151, EMS 153, EMS 154, and EMS 155

0328 95 ARR 4 HRS/WK LEC 4.50 OE1-120 Word,D

EMS 153 Pharmacology for the EMT-Paramedic 3.00 Units

Basic pharmacology for the paramedic, including the administration of medications, drug therapy, drug actions and interactions, and basic physiology.

Associate Degree Applicable

Course credit transfers to CSU.

PREREQUISITE: Admission into the EMT-Paramedic Program

COREQUISITES: EMS 150, EMS 151, EMS 152, EMS 154, and EMS 155

0330 95 ARR 2.67 HRS/WK LEC 3.00 OE1-120 Holbrook,J

EMS 154 Emergency Medical Services Theory for the Paramedic 8.00 Units

Studies in the theory and practice of the diagnosis and treatment of trauma and medical emergencies; emphasis on the pathophysiology of disease processes as the basis for effective initial emergency management.

Associate Degree Applicable

Course credit transfers to CSU.

PREREQUISITE: Admission into the EMT-Paramedic Program

COREQUISITES: EMS 150, EMS 151, EMS 152, EMS 153, and EMS 155

0332 95 ARR 7.12 HRS/WK LEC 8.00 OE1-120 Bishop,R

EMS 155 Skills Development for Paramedics 3.00 Units

Paramedic skills and the equipment used in the treatment of pre-hospital advanced life support. This course will enhance the student's knowledge of and ability to treat various traumatic and medical emergencies in the pre-hospital setting.

Associate Degree Applicable

Course credit transfers to CSU.

PREREQUISITE: Admission into the EMT-Paramedic Program

COREQUISITES: EMS 150, EMS 151, EMS 152, EMS 153, and EMS 154

0334 95 ARR 8 HRS/WK LAB 3.00 OE1-120 Bishop,R

EMS 157 Field Externship for the Paramedic 7.50 Units

Coordination of advanced paramedic training with a field advanced life support unit. Opportunity to direct and engage in emergency intervention in traumatic and medical emergencies. This portion of the program will be on a paramedic unit in San Bernardino or Riverside County. Fulfills the requirements of Title 22 of the Health and Safety Code for paramedic field externship.

Associate Degree Applicable

Course credit transfers to CSU.

PREREQUISITE: EMS 156

0336 95 ARR 35.3 HRS/WK FIELD 7.50 OFFF-FLD Crow,K

Note: Ref. No. 0336 - 17 week class: 09/19 - 01/17

Note: Ref. No. 0336 will be held at Field in Off-Campus Field.

EMS 921 Emergency Medical Technician Recertification 1.00 Units

Review of all facets of basic life-support measures, CPR, automated external defibrillation, use of medical equipment and supplies, as well as instruction in new techniques and materials.

Graded on Credit/No Credit basis only.

(Formerly EMS-921X20)

Not Applicable to the Associate Degree

PREREQUISITE: An EMT-B certification from any county or state in the United States current within the last 4 years or an EMT-B

National Registry certification current within the last 4 years.

0342	92	F	09:00a-11:50a	LEC	1.00	BC-106	Stone,H
		F	01:00p-05:50p	LAB		BC-106	Stone,H

Note: Ref. No. 0342 - 4 week class: 10/11 - 11/01

ENGINEERING

ENGR 101 Introduction to Engineering 3.00 Units

Introduction to field of engineering. Study of the history of engineering, engineering disciplines and related fields of study; educational requirements and career opportunities for engineers; and standards of professional practice including communication, ethics and safety.

Associate Degree Applicable

Course credit transfers to both CSU and UC.

PREREQUISITE: MATH 095 or MATH 095C or eligibility for MATH 102

as determined through the Crafton Hills College assessment process

0344	90	TTH	09:00a-10:10a	LEC	3.00	LADM-217	Hardin,C
		TTH	10:11a-10:50a	LAB		LADM-112	Hardin,C

This section is linked to CHC 099-90. This means students enrolling in ENGINEERING 101-90 (directly above) MUST ALSO ENROLL and REMAIN ENROLLED in CHC 099-90.

ENGLISH

ENGL 976 Fundamentals of Writing 4.00 Units

Development of academic writing, critical thinking, and corresponding reading skills expected in associate degree and transfer-level courses. Instruction focusing on skills required for vocabulary development, critical writing, fluency, and understanding the relationship between writing and reading. Replaces ENGL 914

Associate Degree Applicable

0346	10	MW	09:00a-10:50a	LEC	4.00	CL-217	Bartlett,R
0348	40	MW	03:00p-04:50p	LEC	4.00	CL-218	Munz,K
0350	15	TTH	09:00a-10:50a	LEC	4.00	CL-110	Langenfeld,E
0352	25	TTH	11:00a-12:50p	LEC	4.00	CL-110	Langenfeld,E
0354	26	TTH	11:00a-12:50p	LEC	4.00	CL-109	Harris,J
0356	35	TTH	01:00p-02:50p	LEC	4.00	CL-110	Langenfeld,E
0358	50	MW	05:00p-06:50p	LEC	4.00	CL-108	Williams,C
0360	60	MW	07:00p-08:50p	LEC	4.00	CL-107	Munz,K
0362	65	TTH	07:00p-08:50p	LEC	4.00	CL-217	Niessen,A

ENGL 010 Preparation for College English 4.00 Units

Instruction in the essential skills necessary for college-level reading and effective expository writing. Replaces ENGL 015.

(Formerly ENGL-015)

Associate Degree Applicable

0364	01	MW	07:00a-08:50a	LEC	4.00	CL-109	Cowles,R
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ENGL 010 Preparation for College English 4.00 Units

0366	10	MW	09:00a-10:50a	LEC	4.00	CL-219	Cowles,R
0368	30	MW	01:00p-02:50p	LEC	4.00	CL-108	White-Elliott,C
0370	31	MW	01:00p-02:50p	LEC	4.00	CL-109	Baker,D
0372	40	MW	03:00p-04:50p	LEC	4.00	CL-108	Snowwhite,M
0374	41	MW	03:00p-04:50p	LEC	4.00	CL-109	Baker,D
0376	42	MW	03:00p-04:50p	LEC	4.00	CL-217	Papas,C
0378	15	TTH	09:00a-10:50a	LEC	4.00	CL-107	Branson,J
0380	25	TTH	11:00a-12:50p	LEC	4.00	CL-107	Branson,J
0382	26	TTH	11:00a-12:50p	LEC	4.00	CL-219	Papas,C
0384	35	TTH	01:00p-02:50p	LEC	4.00	CL-216	Cannon,J
0386	45	TTH	03:00p-04:50p	LEC	4.00	CL-109	Eastmond,E
0388	50	MW	05:00p-06:50p	LEC	4.00	CL-107	Snowwhite,M
0390	60	MW	07:00p-08:50p	LEC	4.00	CL-110	Hansler,K
0392	55	TTH	05:00p-06:50p	LEC	4.00	CL-108	Dobbs,A
0394	65	TTH	07:00p-08:50p	LEC	4.00	CL-219	Blanck,R

ENGL 101 Freshman Composition 4.00 Units

Instruction in writing compositions from personal, reflective, and argumentative perspectives.

Associate Degree Applicable

Course credit transfers to both CSU and UC.

PREREQUISITE: ENGL 015 or eligibility for ENGL 101 as determined through the Crafton Hills College assessment process

DEPARTMENTAL RECOMMENDATION: READ 078X2

0396	02	MW	07:00a-08:50a	LEC	4.00	CL-217	Bartlett,R
0398	94	MW	07:00a-08:50a	LEC	4.00	CL-110	Anderson,J

This section is linked to MATH 095-94 and CHC 100-94. This means students enrolling in ENGL 101-94 (directly above) MUST ALSO ENROLL and REMAIN ENROLLED in MATH 095-94 and CHC 100-94.

0400	11	MW	09:00a-10:50a	LEC	4.00	CL-108	White-Elliott,C
0402	92	MW	09:00a-10:50a	LEC	4.00	CL-216	DiPonio,G

This section is linked to HIST 101-92 and CHC 099-92. This means students enrolling in ENGL 101-92 (directly above) MUST ALSO ENROLL and REMAIN ENROLLED in HIST 101-92 and CHC 099-92.

0404	30	MW	01:00p-02:50p	LEC	4.00	CL-216	Acquistapace,K
0406	31	MW	01:00p-02:50p	LEC	4.00	CL-217	Papas,C
0408	40	MW	03:00p-04:50p	LEC	4.00	CL-216	Acquistapace,K
0410	15	TTH	09:00a-10:50a	LEC	4.00	CL-217	Bartlett,R
0412	25	TTH	11:00a-12:50p	LEC	4.00	CL-217	Hamlett,C
0414	91	TTH	11:00a-12:50p	LEC	4.00	CL-216	Cannon,J

This section is linked to READ 100-91. This means students enrolling in ENGL 101-91 (directly above) MUST ALSO ENROLL and REMAIN ENROLLED in READ 100-91.

0416	35	TTH	01:00p-02:50p	LEC	4.00	CL-107	Hayes, A
0418	36	TTH	01:00p-02:50p	LEC	4.00	CL-217	Phillips,T

NOTE: Students in this course (section 36) will have the opportunity to attend Supplemental Instruction (SI) sessions which are voluntary, outside-of-class group study sessions with a trained student facilitator.

0420	45	TTH	03:00p-04:50p	LEC	4.00	CL-217	Phillips,T
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NOTE: Students in this course (section 45) will have the opportunity to attend Supplemental Instruction (SI) sessions which are voluntary, outside-of-class group study sessions with a trained student facilitator.

ENGL 101		Freshman Composition				4.00 Units		
0422	46	TTH	03:00p-04:50p	LEC	4.00	CL-110	Monteil,L	
0424	70	ARR	4 HRS/WK	LEC	4.00	DiPonio,G		
<p>This class (section 70)is an online course with no on-campus meetings. Participation in this online class requires that students have access to a computer that is connected to the Internet and has a CD-ROM drive and speakers or headphones. Students with no previous experience in online/hybrid courses are encouraged to enroll in CHC 062 (formerly CIS 062), Introduction to Online Learning.</p>								
0426	71	ARR	4 HRS/WK	LEC	4.00	Hansler,K		
<p>This class (section 71)is an online course with no on-campus meetings. Participation in this online class requires that students have access to a computer that is connected to the Internet and has a CD-ROM drive and speakers or headphones. Students with no previous experience in online/hybrid courses are encouraged to enroll in CHC 062 (formerly CIS 062), Introduction to Online Learning.</p>								
0428	95	MW	05:00p-06:50p	LEC	4.00	CL-110	Walker,L	
<p>This section is linked to MATH 090-95 and CHC 090-95. This means students enrolling in ENGL 101-95 (directly above) MUST ALSO ENROLL and REMAIN ENROLLED in MATH 090-95 and CHC 090-95.</p>								
0430	50	MW	05:00p-06:50p	LEC	4.00	CL-109	Henriquez,A	
0432	51	MW	05:00p-06:50p	LEC	4.00	CL-217	Blanck,R	
0434	60	MW	07:00p-08:50p	LEC	4.00	CL-217	Jensen,D	
0436	61	MW	07:00p-08:50p	LEC	4.00	CL-109	Henriquez,A	
0438	55	TTH	05:00p-06:50p	LEC	4.00	CDC-106	Walker,L	
0440	56	TTH	05:00p-06:50p	LEC	4.00	CL-217	Suderman,F	
0442	57	TTH	05:00p-06:50p	LEC	4.00	CL-110	Estus,S	
0444	65	TTH	07:00p-08:50p	LEC	4.00	CL-109	Estus,S	
0446	66	TTH	07:00p-08:50p	LEC	4.00	CL-106	Monteil,L	

ENGL 101H **Freshman Composition-Honors** **4.00 Units**
Instruction in writing compositions from personal,reflective, and argumentative perspectives. This course includes content and experiences appropriate for students wishing to earn honors credit.
Associate Degree Applicable
Course credit transfers to both CSU and UC.
PREREQUISITE: ENGL 015 or eligibility for ENGL 101 as determined through the Crafton Hills College assessment process. Acceptance into the College Honors Institute
DEPARTMENTAL RECOMMENDATION: READ 078X2

0448	02	MW	07:00a-08:50a	LEC	4.00	CL-217	Bartlett,R	
0450	31	MW	01:00p-02:50p	LEC	4.00	CL-217	Papas,C	
0452	15	TTH	09:00a-10:50a	LEC	4.00	CL-217	Bartlett,R	
0454	25	TTH	11:00a-12:50p	LEC	4.00	CL-217	Hamlett,C	

ENGL 102 Intermediate Composition and Critical Thinking 4.00 Units

Instruction in writing compositions reflecting critical thinking and employing rhetorical skills beyond those taught in Freshman Composition (ENGL 101), including summary, analysis, evaluation, rebuttal, and argument.

Associate Degree Applicable

Course credit transfers to both CSU and UC.

PREREQUISITE: ENGL 101 or ENGL 101H

0456	10	MW	09:00a-10:50a	LEC	4.00	CL-109	Anderson, J
0458	30	MW	01:00p-02:50p	LEC	4.00	CL-219	Phillips, T
0460	40	MW	03:00p-04:50p	LEC	4.00	CL-219	Phillips, T
0462	15	TTH	09:00a-10:50a	LEC	4.00	CL-109	Harris, J
0464	16	TTH	09:00a-10:50a	LEC	4.00	CL-219	Hamlett, C
0466	25	TTH	11:00a-12:50p	LEC	4.00	BC-104	Hawkins, D
0468	35	TTH	01:00p-02:50p	LEC	4.00	CL-219	Abad, J
0470	36	TTH	01:00p-02:50p	LEC	4.00	CL-108	Dobbs, A
0472	45	TTH	03:00p-04:50p	LEC	4.00	CL-219	Abad, J
0474	70	ARR	4 HRS/WK	LEC	4.00		DiPonio, G

This class (section 70) is an online course with no on-campus meetings.

Participation in this online class requires that students have access to a computer that is connected to the Internet and has a CD-ROM drive and speakers or headphones. Students with no previous experience in online/hybrid courses are encouraged to enroll in CHC 062 (formerly CIS 062), Introduction to Online Learning.

0476	50	MW	05:00p-06:50p	LEC	4.00	CL-219	Swanson, W
0478	60	MW	07:00p-08:50p	LEC	4.00	CL-219	Swanson, W
0480	61	MW	07:00p-08:50p	LEC	4.00	CL-108	Staff

0482	90	TTH	05:00p-06:50p	LEC	4.00	CL-219	Millan, C
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This section is linked to BIOL 100-90. This means students enrolling in ENGL 102-90 (directly above) MUST ALSO ENROLL and REMAIN ENROLLED in BIOL 100-90.

0484	65	TTH	07:00p-08:50p	LEC	4.00	CL-108	Millan, C
0486	66	TTH	07:00p-08:50p	LEC	4.00	CL-107	Hawkins, J

ENGL 102H Intermediate Composition and Critical Thinking-Honors 4.00 Units

Instruction in writing compositions reflecting critical thinking and employing rhetorical skills beyond those taught in Freshman Composition (ENGL 101), including summary, analysis, evaluation, rebuttal, and argument. This course includes content and experiences appropriate for students wishing to earn honors credit.

Associate Degree Applicable

Course credit transfers to both CSU and UC.

PREREQUISITE: ENGL 101 or ENGL 101H. Acceptance into the College Honors Institute

0488	10	MW	09:00a-10:50a	LEC	4.00	CL-109	Anderson, J
0490	16	TTH	09:00a-10:50a	LEC	4.00	CL-219	Hamlett, C

ENGL 108 World Drama I 3.00 Units

Survey of the history of theatre from its earliest origins in 6th century B.C.E to the Elizabethan period in the 1500-1600's. This course is also offered as THART-108.

Associate Degree Applicable

Course credit transfers to both CSU and UC.

0492	25	TTH	11:00a-12:20p	LEC	3.00	PAC-309	Bryant, T
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ENGL 152 Intermediate Composition and Literature 4.00 Units

Study of fiction, poetry, and drama with emphasis on the fundamental principles of literary criticism and interpretation. Instruction in writing compositions about literature.

Associate Degree Applicable

Course credit transfers to both CSU and UC.

PREREQUISITE: ENGL 101 or ENGL 101H

0494	10	MW	09:00a-10:50a	LEC	4.00	CL-110	Langenfeld,E
0496	40	MW	03:00p-04:50p	LEC	4.00	CL-110	Papas,C
0498	35	TTH	01:00p-02:50p	LEC	4.00	CL-109	Papas,C
0500	55	TTH	05:00p-06:50p	LEC	4.00	CL-109	Townsend,J
0502	65	TTH	07:00p-08:50p	LEC	4.00	CL-110	Piluso, R.

ENGL 160 Literature by Women 3.00 Units

Survey and analysis of past and contemporary literature by women. Focuses on biographical and historical experiences of women as expressed in essays, poetry, fiction, and drama. Explores the depiction of women in historical and literary contexts as well as in art and film.

Associate Degree Applicable

Course credit transfers to both CSU and UC.

PREREQUISITE: ENGL 010 or eligibility for ENGL 101 as determined through the Crafton Hills College assessment process

0504	30	MW	01:00p-02:20p	LEC	3.00	CL-110	Langenfeld,E
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ENGL 226 Play and Screenplay Analysis 3.00 Units

Techniques of analysis necessary to understand the structure, construction and formats of plays and screenplays.

This course is also offered as THART-226.

Associate Degree Applicable

Course credit transfers to both CSU and UC.

PREREQUISITE: ENGL 010 or eligibility for ENGL 101 as determined through the Crafton Hills College assessment process

0506	30	MW	09:30a-10:50a	LEC	3.00	PAC-309	Bryant,T
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ENGL 232 Creative Writing 3.00 Units

An introductory course in creative writing focusing on selected literary genres such as fiction, poetry, drama, screenwriting, and non-fiction. Emphasizes the craft of writing and the development of critical standards for judging literature.

Associate Degree Applicable

Course credit transfers to both CSU and UC.

PREREQUISITE: ENGL 101 or ENGL 101H

0508	35	T	03:00p-05:50p	LEC	3.00	CL-216	DiPonio,G
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ENGL 250 Fiction 3.00 Units

Study of fiction as a literary genre through readings, in-class discussion, and analytical assignments. Emphasis will be on a particular type of fiction.

Associate Degree Applicable

Course credit transfers to both CSU and UC.

PREREQUISITE: ENGL 101 or ENGL 101H

0510	25	TTH	11:00a-12:20p	LEC	3.00	CL-108	Bartlett,R
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Note: Comic Book/Graphic Novel

ENGL 260 Survey of American Literature I 3.00 Units

An analysis of representative literary works of significant American writers from the late fifteenth century through the Civil War that includes the study of the historical and social context of the literature as well as the lives of important writers.

Associate Degree Applicable
Course credit transfers to both CSU and UC.
PREREQUISITE: ENGL 101 or ENGL 101H

0512 45 TH 03:00p-05:50p LEC 3.00 LADM-217 Acquistapace,K

ENGL 270 Survey of British Literature I 3.00 Units

Analysis of representative literary works of significant British writers from before the Norman Conquest through the eighteenth century that includes the study of the historical and social contexts of the literature as well as the lives of important writers.

Associate Degree Applicable
Course credit transfers to both CSU and UC.
PREREQUISITE: ENGL 101 or ENGL 101H

0514 45 T 03:00p-05:50p LEC 3.00 LADM-217 Acquistapace,K

ENGL 275 Shakespeare 3.00 Units

Study of the plays and poems of Shakespeare, as well as the cultural context in which the works were created. Analysis of the literature from both historical and contemporary perspectives.

Associate Degree Applicable
Course credit transfers to both CSU and UC.
PREREQUISITE: ENGL 101 or ENGL 101H

0516 60 M 06:00p-08:50p LEC 3.00 CL-218 Phillips,T

FIRE TECHNOLOGY

FIRET 049 Basic Firefighter Physical Fitness 2.00 Units

Physical fitness exercise, teamwork, disciplined precision cadence drilling and preparation for the fire agility physical fitness testing requirement for fire academy cadets.

Graded on Credit/No Credit basis only.
Associate Degree Applicable
COREQUISITE: FIRET 115

0518 95 MTWTHF 06:30a-06:38a LEC 2.00 SBNO-CFSB Estrada,C
MTWTHF 06:45a-08:00a LAB SBNO-CFSB Estrada,C

Note: Ref. No. 0518 - 11 week class: 08/19 - 11/01

Note: Ref. No. 0518 will be held at Cal Fire San Bernardino in San Bernardino.

FIRET 100 Fire Protection Organization 3.00 Units

Provides an introduction to fire protection; career opportunities in fire protection and related fields; philosophy and history of fire protection; fire loss analysis; organization and function of public and private fire protection services; fire departments as part of local government; laws and regulations affecting the fire service; fire service nomenclature; specific fire protection functions; basic fire chemistry and physics; introduction to fire protection systems; introduction to fire strategy and tactics. This course is a prerequisite for the Firefighter I Basic Training Academy.

Associate Degree Applicable
Course credit transfers to CSU.

FIRET 100 Fire Protection Organization 3.00 Units

DEPARTMENTAL RECOMMENDATIONS: Eligibility for ENGL 101 and MATH 090 or MATH 090C as determined through the Crafton Hills College assessment process

0520	15	TTH	09:00a-10:20a	LEC	3.00	OE1-127	Koeper,J
0522	30	F	01:00p-03:50p	LEC	3.00	OE1-127	Koeper,J
0524	60	M	06:00p-08:50p	LEC	3.00	OE1-127	Alder,M

FIRET 101 Fire Prevention Technology 3.00 Units

This course provides fundamental information regarding the history and philosophy of fire prevention, organization and operation of a fire prevention bureau, use of fire codes, identification and correction of fire hazards, and the relationships of fire prevention with built-in fire protection systems, fire investigation, and fire and life-safety education. This is a prerequisite course for the Fire Academy.

Associate Degree Applicable
 Course credit transfers to CSU.

DEPARTMENTAL RECOMMENDATIONS: Eligibility for ENGL 101 and MATH 090 or MATH 090C as determined through the Crafton Hills College assessment process. Concurrent FIRET 100 or prior attendance with a minimum grade of C

0526	25	TTH	11:00a-12:20p	LEC	3.00	OE1-127	Koeper,J
0528	10	F	09:00a-11:50a	LEC	3.00	OE1-127	Koeper,J
0530	65	T	06:00p-08:50p	LEC	3.00	OE1-120	Overstreet-Murphy,P

FIRET 103 Fire Protection Systems 3.00 Units

Information relating to the features of design and operation of fire detection and alarm systems, heat and smoke control systems, special protection and sprinkler systems, water supply for fire protection and portable fire extinguishers.

Associate Degree Applicable
 Course credit transfers to CSU.

PREREQUISITES: FIRET 100 and FIRET 101
 DEPARTMENTAL RECOMMENDATIONS: Eligibility for ENGL 101 and MATH 090 or MATH 090C or higher

0532	35	T	01:00p-03:50p	LEC	3.00	OE1-127	Koeper,J
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FIRET 104 Fire Apparatus and Equipment 3.00 Units

Study of fire apparatus design including mobile and fixed apparatus; a review of construction specifications and performance capabilities; the effective deployment, utilization and performance of equipment under emergency conditions.

Associate Degree Applicable
 Course credit transfers to CSU.

PREREQUISITE: FIRET 100
 DEPARTMENTAL RECOMMENDATIONS: Eligibility for ENGL 101 and MATH 095 or MATH 095C as determined through the Crafton Hills College assessment process.

0534	65	W	06:00p-08:50p	LEC	3.00	OE1-127	Estrada,C
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Principles of Fire and Emergency

FIRET 114 Services Safety and Survival 3.00 Units

This course introduces the basic principles and history of firefighter life safety incidents.

Associate Degree Applicable

Course credit transfers to CSU.

PREREQUISITE: FIRET 100 and FIRET 101

DEPARTMENTAL RECOMMENDATION: Eligibility for ENGL 101 and MATH 090 or MATH 090C as determined through the Crafton Hills College assessment process.

0536 65 TH 06:00p-08:50p LEC 3.00 OE1-120 Alder,M

FIRET 115 Firefighter I Basic Training Academy 14.00 Units

This course trains students to possess the necessary competencies required for the California State Fire Training Firefighter I Certification as well as the Basic Wildland Fire Academy Certification.

Associate Degree Applicable

Course credit transfers to CSU.

PREREQUISITE: Admission to the Academy and FIRET 100 and FIRET 101 and EMS 020 or successful completion of the NREMT (National Registry Examination for the Emergency Medical Technician) or currently certified as an EMT in California

COREQUISITE: FIRET 049

DEPARTMENTAL RECOMMENDATIONS: Eligibility for ENGL 101 and eligibility for MATH 095 or higher and successful completion of FIRET 902X4

0538 95 MTWTHF 09:00a-10:50a LEC 14.00 SBNO-CFSB Sullivan,D
MTWTHF 11:00a-12:50p LAB SBNO-CFSB Sullivan,D
MTWTHF 02:00p-05:50p LAB SBNO-CFSB Sullivan,D

Note: Ref. No. 0538 - 13 week class: 08/19 - 11/14

FINANCIAL AID ALERT: When taken alone, this class will not qualify for, or will reduce eligibility for, Federal Financial Aid. Contact the Financial Aid Office (CL-214).

FIRE MANDATORY ORIENTATION: Tuesday, August 13, 2013;

7:30am-2:00pm at CAL FIRE San Bernardino 3800 N. Sierra Way, San Bernardino and Wednesday, August 14, 2013; 2:00pm-8:00pm at Crafon Hills College in LRC-226.

Note: Ref. No. 0538 will be held at Cal Fire San Bernardino in San Bernardino.

FIRET 116 Building Construction for Fire Protection 3.00 Units

This course provides the components of building construction related to firefighter and life safety. The elements of construction and design of structures are shown to be key factors when inspecting buildings, preplanning fire operations, and operating at emergencies.

Associate Degree Applicable

Course credit transfers to CSU.

PREREQUISITES: FIRET 100 and FIRET 101

DEPARTMENTAL RECOMMENDATION: Eligibility for ENGL 101 and MATH 090 or MATH 090C as determined through the Crafton Hills College assessment process

0540 60 W 06:00p-08:50p LEC 3.00 OE1-120 Alder,M

GEOGRAPHY

GEOG 110 Physical Geography 3.00 Units

A spatial study of earth's dynamic physical systems and processes. Emphasis is on interrelationships among systems and processes and their resulting patterns and distributions.

Associate Degree Applicable

Course credit transfers to both CSU and UC.

DEPARTMENTAL RECOMMENDATION: Concurrent enrollment in GEOG 111 or GEOG 111H

0542 20 MW 01:00p-02:20p LEC 3.00 CHS-242 Hughes,R

GEOG 110H Physical Geography-Honors 3.00 Units

A spatial study of earth's dynamic physical systems and processes. Emphasis is on interrelationships among systems and processes and their resulting patterns and distributions. This course includes content and experiences appropriate for students wishing to earn honors credit.

Associate Degree Applicable

Course credit transfers to both CSU and UC.

PREREQUISITE: Acceptance into the College Honors Institute

DEPARTMENTAL RECOMMENDATION: Concurrent enrollment in GEOG 111 or GEOG 111H

0544 20 MW 01:00p-02:20p LEC 3.00 CHS-242 Hughes,R

GEOG 111 Physical Geography Laboratory 1.00 Units

Laboratory exercises designed to utilize the tools of geologic inquiry. The laboratory studies are closely coordinated with the lecture topics.

Associate Degree Applicable

Course credit transfers to both CSU and UC.

PREREQUISITE/COREQUISITE: GEOG 110 or GEOG 110H

0546 30 M 02:30p-05:20p LAB 1.00 LADM-106 Hughes,R

GEOLOGY

GEOL 100 Physical Geology 4.00 Units

An introduction to the study of the earth. Laboratory studies are closely coordinated with the lecture topics.

(Formerly GEOL-100H)

Associate Degree Applicable

Course credit transfers to both CSU and UC.

0548 92 TTH 11:00a-12:20p LEC 4.00 LADM-106 Hughes,R
T 01:30p-04:20p LAB LADM-106 Hughes,R

This section is linked to CHC 090-92 and MATH 090-92. This means students enrolling in GEOL 100-92(directly above) MUST ALSO ENROLL and REMAIN ENROLLED in CHC 090-92 and MATH 090-92.

0550 60 W 07:00p-09:50p LEC 4.00 CHS-122 Muir,W
M 07:00p-09:50p LAB LADM-106 Hughes,R

GEOL 100H Physical Geology-Honors 4.00 Units

An introduction to the study of the earth. Laboratory studies are closely coordinated with the lecture topics. This course includes content and experiences appropriate for students wishing to earn honors credit.

Associate Degree Applicable

Course credit transfers to both CSU and UC.

PREREQUISITE: Acceptance into the College Honors Institute

GEOL 100H Physical Geology-Honors 4.00 Units

0552 60 W 07:00p-09:50p LEC 4.00 CHS-122 Muir,W
 M 07:00p-09:50p LAB LADM-106 Hughes,R

GEOL 101 Introduction to Geology 3.00 Units

An introduction to the study of the earth with emphasis on the materials that make up the earth. This course is the same as the lecture component of GEOL 100. Field trips are required in this course.

This course is also offered as GEOL-101H.
Associate Degree Applicable
Course credit transfers to both CSU and UC.

0554 60 W 07:00p-09:50p LEC 3.00 CHS-122 Muir,W

GEOL 101H Introduction to Geology-Honors 3.00 Units

An introduction to the study of the earth with emphasis on the materials that make up the earth. This course is the same as the lecture component of GEOL 100. Field trips are required in this course. This course includes content and experiences appropriate for students wishing to earn honors credit.

This course is also offered as GEOL-101.
Associate Degree Applicable
Course credit transfers to both CSU and UC.
PREREQUISITE: Acceptance into the College Honors Institute

0556 60 W 07:00p-09:50p LEC 3.00 CHS-122 Muir,W

GEOL 160 Geology Laboratory 1.00 Units

Laboratory exercises designed to utilize the tools of geologic inquiry. The laboratory studies are closely coordinated with the lecture topics.

Associate Degree Applicable
Course credit transfers to both CSU and UC.
PREREQUISITE/COREQUISITE: GEOL 101 or GEOL 101H

0558 60 M 07:00p-09:50p LAB 1.00 LADM-106 Hughes,R

Geology of the High Desert and Western

GEOL 177 Mojave Desert Region 1.00 Units

Discussion and observation of the physical and historical geology and natural history of the Western Mojave Desert with emphasis in the high desert area of Rainbow Basin. Students must attend a field trip to successfully complete the course.

(Formerly GEOL-177X4)
Associate Degree Applicable
Course credit transfers to CSU.
DEPARTMENTAL RECOMMENDATIONS: Eligibility for ENGL 101.
Eligibility for MATH 095.

0560 95 T 07:00p-08:50p LEC 1.00 LADM-106 Hughes,R
 T 07:00p-08:50p LEC LADM-106 Hughes,R
 T 07:00p-08:50p LEC LADM-106 Hughes,R
 T 07:00p-08:50p LEC LADM-106 Hughes,R
 ARR 2 HRS/WK LAB LADM-106 Hughes,R

Note: Required field trip (Friday-Sunday) to the High Desert and Western Mojave Desert Region of San Bernardino County. All participants must pay an accommodations fee. The class will meet four (4) Tuesdays (August 20, October 8, November 5, and December 10) from 7:00pm-8:50pm in the LAB/ADMINISTRATION BUILDING (LADM) room 106. The mandatory field trip dates will be announced at the first class meeting of the semester.

HEALTH EDUCATION

HEALTH 102 Biological Principles of Health 3.00 Units

Examines the nature and scope of healthful living, including the principles of health resources, trends in disease prevalence, infectious and noninfectious diseases and risk factors (i.e., smoking, substance abuse, improper diet and inactivity).

Associate Degree Applicable

Course credit transfers to both CSU and UC.

0562	10	MW	09:00a-10:20a	LEC	3.00	AC-103	Hayes,C
0564	30	MW	01:00p-02:50p	LEC	3.00	AC-103	Ledoux,J
Note: Ref. No. 0564 - 13 week class: 09/16 - 12/11							
0566	25	TTH	11:00a-12:20p	LEC	3.00	AC-103	Atkinson,A
0568	45	TTH	03:00p-04:20p	LEC	3.00	AC-103	Atkinson,A
0570	70	ARR	3 HRS/WK	LEC	3.00		Maloney-Hinds,C

This class (section 70) is an online course with no on-campus meetings.

Participation in this online class requires that students have access to a computer that is connected to the Internet and has a CD-ROM drive and speakers or headphones. Students with no previous experience in online/hybrid courses are encouraged to enroll in CHC 062 (formerly CIS 062), Introduction to Online Learning.

0572	60	W	07:00p-09:50p	LEC	3.00	AC-103	Maloney-Hinds,C
0574	65	TH	07:00p-09:50p	LEC	3.00	AC-103	Malik,N

HEALTH 263 Nutrition and Health 3.00 Units

Review of the literature on the basic nutrients: protein, fat, carbohydrate, vitamins, minerals and water. Development of the skills necessary to analyze, evaluate, and prescribe a dietary intake for weight loss, weight maintenance and weight gain. Study of the relationship between nutrition and disease in America.

Associate Degree Applicable

Course credit transfers to both CSU and UC.

DEPARTMENTAL RECOMMENDATION: Eligibility for MATH 090

0576	01	MW	07:30a-08:50a	LEC	3.00	AC-103	Atkinson,A
0578	35	TTH	01:00p-02:50p	LEC	3.00	AC-103	Ledoux,J
Note: Ref. No. 0578 - 13 week class: 09/17 - 12/12							

0580	70	ARR	3 HRS/WK	LEC	3.00		Ledoux,J
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This class (section 70) is an online course with no on-campus meetings. Participation in this online class requires that students have access to a computer that is connected to the Internet and has a CD-ROM drive and speakers or headphones. Students with no previous experience in online/hybrid courses are encouraged to enroll in CHC 062 (formerly CIS 062), Introduction to Online Learning.

0582	55	TTH	05:00p-06:20p	LEC	3.00	AC-103	Ford,P
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HISTORY

HIST 100 History of the United States to 1877 3.00 Units

Survey of American history from the pre-Columbian period to the end of the Reconstruction Era in 1877. Introduction to key issues and developments of the period as America shifts its economic, political, technological and cultural base from a predominantly dependent agrarian colonial society to an independent urban, industrial nation.

Associate Degree Applicable

Course credit transfers to both CSU and UC.

DEPARTMENTAL RECOMMENDATIONS: Eligibility for ENGL 101

0584	10	MW	09:30a-10:50a	LEC	3.00	BC-101	Beitscher,J
NOTE: Students in this course (section 10) will have the opportunity to attend Supplemental Instruction (SI) sessions which are voluntary, outside-of-class group study sessions with a trained student facilitator.							
0586	40	MW	03:00p-04:20p	LEC	3.00	BC-101	Beitscher,J
NOTE: Students in this course (section 40) will have the opportunity to attend Supplemental Instruction (SI) sessions which are voluntary, outside-of-class group study sessions with a trained student facilitator.							
0588	45	TTH	03:00p-04:20p	LEC	3.00	BC-101	Costello,G
0590	60	M	07:00p-09:50p	LEC	3.00	LRC-231	Staff

HIST 100H History of the United States to 1877-Honors 3.00 Units

Survey of American history from the pre-Columbian period to the end of the Reconstruction Era in 1877. Introduction to key issues and developments of the period as America shifts its economic, political, technological and cultural base from a predominantly dependent agrarian colonial society to an independent urban, industrial nation. This course includes content and experiences appropriate for students wishing to earn honors credit.

(Formerly HIST-100)

Associate Degree Applicable

Course credit transfers to both CSU and UC.

PREREQUISITE: Acceptance into the College Honors Institute

DEPARTMENTAL RECOMMENDATION: Successful completion of ENGL 101 or ENGL 101H

0592	10	MW	09:30a-10:50a	LEC	3.00	BC-101	Beitscher,J
NOTE: Students in this course (section 10) will have the opportunity to attend Supplemental Instruction (SI) sessions which are voluntary, outside-of-class group study sessions with a trained student facilitator.							
0594	40	MW	03:00p-04:20p	LEC	3.00	BC-101	Beitscher,J
NOTE: Students in this course (section 40) will have the opportunity to attend Supplemental Instruction (SI) sessions which are voluntary, outside-of-class group study sessions with a trained student facilitator.							
0596	45	TTH	03:00p-04:20p	LEC	3.00	BC-101	Costello,G

HIST 101 History of the United States 1865 to Present 3.00 Units

Survey of American history 1865 to present. Introduction to key social, political, economic and cultural issues and developments in America's emergence as an urban, industrial and technological, global-leading, consumer society.

Associate Degree Applicable

Course credit transfers to both CSU and UC.

DEPARTMENTAL RECOMMENDATIONS: Eligibility for ENGL 101

- 0598 30 MW 01:00p-02:20p LEC 3.00 BC-101 Beitscher,J
NOTE: Students in this course (section 30) will have the opportunity to attend Supplemental Instruction (SI) sessions which are voluntary, outside-of-class group study sessions with a trained student facilitator.
- 0600 92 MW 01:00p-02:20p LEC 3.00 BC-101 Beitscher,J
This section is linked to CHC 099-92 and ENGL 101-92. This means students enrolling in HIST 101-92 (directly above) MUST ALSO ENROLL and REMAIN ENROLLED in CHC 099-92 and ENGL 101-92.
NOTE: Students in this course (section 92) will have the opportunity to attend Supplemental Instruction (SI) sessions which are voluntary, outside-of-class group study sessions with a trained student facilitator.
- 0602 15 TTH 09:30a-10:50a LEC 3.00 BC-101 Beitscher,J
NOTE: Students in this course (section 15) will have the opportunity to attend Supplemental Instruction (SI) sessions which are voluntary, outside-of-class group study sessions with a trained student facilitator.
- 0604 35 TTH 01:00p-02:50p LEC 3.00 BC-101 Snow,S
Note: Ref. No. 0604 - 13 week class: 09/17 - 12/12
- 0606 65 T 07:00p-09:50p LEC 3.00 BC-101 Costello,G

HIST 101H History of the United States 1865 to Present-Honors 3.00 Units

Survey of American history 1865 to present. Introduction to key social, political, economic and cultural issues and developments in America's emergence as an urban, industrial and technological, global-leading, consumer society. This course includes content and experiences appropriate for students wishing to earn honors credit.

(Formerly HIST-101)

Associate Degree Applicable

Course credit transfers to both CSU and UC.

PREREQUISITE: Acceptance into the College Honors Institute

DEPARTMENTAL RECOMMENDATION: Successful completion of ENGL 101 or ENGL 101H

- 0608 15 TTH 09:30a-10:50a LEC 3.00 BC-101 Beitscher,J
NOTE: Students in this course (section 15) will have the opportunity to attend Supplemental Instruction (SI) sessions which are voluntary, outside-of-class group study sessions with a trained student facilitator.
- 0610 65 T 07:00p-09:50p LEC 3.00 BC-101 Costello,G

HIST 170 World Civilizations (3500 BCE-1500 CE) 3.00 Units
 Study of cross-cultural history emphasizing the art and literature, philosophy and religion, family and society, as well as the political, economic and technological contributions of the world's civilizations from the earliest societies through the classical to 1500CE. The course focuses on the ethno-cultural traditions of the Middle East, Asia, Greece, Rome and medieval Europe.
 Associate Degree Applicable
 Course credit transfers to both CSU and UC.
 DEPARTMENTAL RECOMMENDATION: Eligibility for ENGL 101

0612 25 TTH 11:00a-12:20p LEC 3.00 BC-101 Beitscher,J

HIST 170H World Civilizations (3500 BCE-1500 CE) Honors 3.00 Units
 Study of cross-cultural history emphasizing the art and literature, philosophy and religion, family and society, as well as the political, economic and technological contributions of the world's civilizations from the earliest societies through the classical to 1500CE. The course focuses on the ethno-cultural traditions of the Middle East, Asia, Greece, Rome and medieval Europe. This course includes content and experiences appropriate for students wishing to earn honors credit.
 Associate Degree Applicable
 Course credit transfers to both CSU and UC.
 PREREQUISITE: Acceptance into the College Honors Institute
 DEPARTMENTAL RECOMMENDATIONS: Successful completion of ENGL 101 OR ENGL 101H

0614 25 TTH 11:00a-12:20p LEC 3.00 BC-101 Beitscher,J

HUMANITIES

HUM 101 The Humanities I: Prehistoric to Medieval 3.00 Units
 Study of humanities through the arts and ideas of earliest civilization through the Medieval period. Development of the understanding of historical context, basic elements, meaning, form, and critical evaluation skills as they relate to the humanities.
 (Formerly INTDIS-101)
 Associate Degree Applicable
 Course credit transfers to both CSU and UC.
 DEPARTMENTAL RECOMMENDATION: Eligibility for ENGL 101

0616 35 TTH 01:00p-02:20p LEC 3.00 CL-218 Acquistapace,K

JAPANESE

JAPN 101 College Japanese I 5.00 Units
 Study of introductory Japanese language and culture, with special emphasis on communication in daily life. NOTE: This course corresponds to the first year of high school Japanese.
 Associate Degree Applicable
 Course credit limited transfer CSU & UC.
 Contact a counselor for details.

0618 05 TTH 08:30a-10:40a LEC 5.00 LADM-304 Nakamura,A
 0620 60 MW 07:00p-09:20p LEC 5.00 BC-106 Staff

JAPN 103 College Japanese III 5.00 Units
 A continuation of JAPN 102. Further development of students' listening, speaking, reading and writing skills.
 Associate Degree Applicable
 Course credit limited transfer CSU & UC.
 Contact a counselor for details.
 PREREQUISITE: JAPN 102

0622 55 TTH 04:00p-06:20p LEC 5.00 CL-218 Nakamura,A

JOURNALISM

JOUR 135 Mass Communication in Society 3.00 Units
 An introduction to contemporary mass media including television, radio, sound recordings, film, print media and computer-mediated communication. Exploration of the theories, history, effects, and role of mass communication. Critical analysis of mass media messages. This course is also offered as COMMST 135.
 (Formerly SPEECH-135)
 Associate Degree Applicable
 Course credit transfers to both CSU and UC.

0624 70 M 11:00a-12:50p LEC 3.00 BC-101 Hogrefe,R
 ARR 1 HRS/WK LEC BC-101 Hogrefe,R
 This hybrid class meets once (1) a week on-campus and has an online component that requires students to have access to a computer that is connected to the Internet and has a CD-ROM and speakers or headphones. Students with no previous experience in online/hybrid courses are encouraged to enroll in CHC 062 (formerly CIS 062), Introduction to Online Learning.

LEARNING RESOURCES

LRC 900X4 Learning Resources Laboratory 0.00 Units
 Provides academic support services to students enabling them to succeed in various content area classes, such as English, Math, Science, Foreign Language, and vocational courses. Activities may include supervised individual or group tutorial services, computer-assisted instruction, video viewing and testing.
 Graded on Credit/No Credit basis only.
 Noncredit Course
 Note: LRC 900X4 may be taken 4 times
 COREQUISITE: Enrollment in at least one other course at Crafton Hills College

0626 15 TTH 08:00a-08:50a TUT 0.00 SCC-202 Gutierrez,M
 This section is linked to MATH 952-15. This means students enrolling in LRC 900x4-15 (directly above) MUST ALSO ENROLL and REMAIN ENROLLED in MATH 952-15.

0628 35 TTH 01:00p-01:50p TUT 0.00 MSA-102 Wilson,S
 This section is linked to MATH 952-35. This means students enrolling in LRC 900x4-35 (directly above) MUST ALSO ENROLL and REMAIN ENROLLED in MATH 952-35.

0630 26 T 01:00p-01:50p TUT 0.00 LADM-112 Brown,R
 This section is linked to PHYSIC 250-26. This means students enrolling in LRC 900x4-26 (directly above) MUST ALSO ENROLL and REMAIN ENROLLED in PHYSIC 250-26.

0632 20 W 11:00a-12:50p TUT 0.00 SCC-202 Staff
 This section is linked to MATH 952-20. This means students enrolling in LRC 900x4-20 (directly above) MUST ALSO ENROLL and REMAIN ENROLLED in MATH 952-20.

LRC 900X4 Learning Resources Laboratory 0.00 Units

- 0634 25 TH 01:00p-01:50p TUT 0.00 LADM-112 Brown,R
This section is linked to PHYSIC 250-25. This means students enrolling in LRC 900x4-25 (directly above) MUST ALSO ENROLL and REMAIN ENROLLED in PHYSIC 250-25.
- 0636 10 F 09:00a-10:50a TUT 0.00 MSA-102 Piamonte,R
This section is linked to MATH 952-10. This means students enrolling in LRC 900x4-10 (directly above) MUST ALSO ENROLL and REMAIN ENROLLED in MATH 952-10.
- 0638 40 MW 05:00p-05:50p TUT 0.00 MSA-102 Leon,R
This section is linked to MATH 952-40. This means students enrolling in LRC 900x4-40 (directly above) MUST ALSO ENROLL and REMAIN ENROLLED in MATH 952-40.
- 0640 60 MW 06:00p-06:50p TUT 0.00 MSA-102 Staff
This section is linked to MATH 952-60. This means students enrolling in LRC 900x4-60 (directly above) MUST ALSO ENROLL and REMAIN ENROLLED in MATH 952-60.
- 0642 55 TTH 04:00p-04:50p TUT 0.00 MSA-102 Wagner,A
This section is linked to MATH 952-55. This means students enrolling in LRC 900x4-55 (directly above) MUST ALSO ENROLL and REMAIN ENROLLED in MATH 952-55.

LRC 907 Learning Disability Assessment 0.50 Units

Assessment for learning disabilities services eligibility. Group and individual testing, basic instruction in study skills, academic accommodations, and learning styles.

Graded on Credit/No Credit basis only.
Not Applicable to the Associate Degree
DEPARTMENTAL RECOMMENDATION: Eligibility for Disabled Students Programs and Services (DSPS)

- 0644 76 ARR 1.5 HRS/WK LAB 0.50 SSB-108 Douthit,M
Note: Students need to report to Milly Douthit in the Disabled Student Programs & Services Office (DSPS) located in the SSA Building room 108.

LRC 920 Self Advocacy and Strategies for Success 2.00 Units

Introduction to the legal rights and responsibilities of students with disabilities, self-advocacy, and strategies for accommodating limitations.

Graded on Credit/No Credit basis only.
Not Applicable to the Associate Degree
DEPARTMENTAL RECOMMENDATION: Eligibility for services provided by Disabled Students Programs and Services (DSPS)

- 0646 76 MW 11:00a-11:50a LEC 2.00 CL-109 Matthews,D

LRC 925 Access Technology Support Lab 0.50 Units

Practical introduction to assistive technology for individuals with disabilities.

Graded on Credit/No Credit basis only.
(Formerly LRC-925X4)
Not Applicable to the Associate Degree
DEPARTMENTAL RECOMMENDATION: Eligibility for Services provided by Disabled Students Programs and Services (DSPS)

- 0648 77 TTH 08:30a-09:20a LAB 0.50 SSB-108 Matthews,D
Note: Ref. No. 0648 - 12 week class: 09/03 - 11/21

LRC 925 Access Technology Support Lab 0.50 Units

0650 76 ARR 3 HRS/WK LAB 1.00 SSB-108 Matthews,D
Note: Students should report to SSB-110 during the first week of
the semester.

LRC 941 Basic Math Skills 4.00 Units

Remediation and intervention strategies for students who have verified learning disabilities. Strategies for reading a mathematics text, coping with math anxiety, solving math word problems, and preparing for and taking math tests.

Not Applicable to the Associate Degree

DEPARTMENTAL RECOMMENDATION: Eligibility for services provided by Disabled Students Programs and Services (DSPS)

0652 20 MW 11:00a-11:50a LEC 4.00 CL-108 Staff
ARR 6 HRS/WK LAB SSB-108 Staff

LRC 960 Developmental Study Techniques 1.00 Units

This course provides individual instruction in such study techniques as note-taking, textbook reading and test preparation.

(Formerly LRC-960X4)

Not Applicable to the Associate Degree

DEPARTMENTAL RECOMMENDATION: Eligibility for services provided by Disabled Students Programs and Services (DSPS).

0654 76 ARR 3 HRS/WK LAB 1.00 SSB-108 Matthews,D
Note: Students should report to SSB-110 during the first week of
the semester.

MATHEMATICS

MATH 943 Arithmetic Topics 1.00 Units

Fundamental operations involving whole numbers, fractions, or decimals, as determined by diagnostic information. Computer software will be used for this class.

Graded on a Pass or No Pass basis only.

Graded on Credit/No Credit basis only.

(Formerly MATH-943X2)

Not Applicable to the Associate Degree

0656 40 MW 03:30p-04:50p LAB 1.00 SCC-202 Staff
0658 25 TTH 11:00a-12:20p LAB 1.00 SCC-202 Gutierrez,M
0660 50 MW 05:30p-06:50p LAB 1.00 SCC-202 Staff

MATH 952 Prealgebra 4.00 Units

This course prepares students for elementary algebra, MATH 090 or MATH 090C covering operations with signed numbers, solving single variable linear equations, combining like terms, ratios, proportions, percents and their applications, perimeter, area, and volume of common geometric figures. Fractions and decimals are reviewed throughout the course.

Not Applicable to the Associate Degree

PREREQUISITE: MATH 942 or MATH 943X2 or eligibility for MATH 952 as determined through the Crafton Hills College assessment process

0662 10 MW 09:00a-10:50a LEC 4.00 MSA-102 Piamonte,R
This section is linked to LRC 900x4-10. This means students enrolling in MATH 952-10 (directly above) MUST ALSO ENROLL and REMAIN ENROLLED in LRC 900x4-10.

MATH 952		Prealgebra			4.00 Units		
0664	40	MW	03:00p-04:50p	LEC	4.00	MSA-102	Leon,R This section is linked to LRC 900x4-40. This means students enrolling in MATH 952-40 (directly above) MUST ALSO ENROLL and REMAIN ENROLLED in LRC 900x4-40.
0666	20	MF	11:00a-12:50p	LEC	4.00	SCC-202	Tasaka,B This section is linked to LRC 900x4-20. This means students enrolling in MATH 952-20 (directly above) MUST ALSO ENROLL and REMAIN ENROLLED in LRC 900x4-20.
0668	15	TTH	09:00a-10:50a	LEC	4.00	SCC-202	Gutierrez,M This section is linked to LRC 900x4-15. This means students enrolling in MATH 952-15 (directly above) MUST ALSO ENROLL and REMAIN ENROLLED in LRC 900x4-15.
0670	35	TTH	02:00p-03:50p	LEC	4.00	MSA-102	Wilson,S This section is linked to LRC 900x4-35. This means students enrolling in MATH 952-35 (directly above) MUST ALSO ENROLL and REMAIN ENROLLED in LRC 900x4-35.
0672	60	MW	07:00p-08:50p	LEC	4.00	MSA-102	Burke,J This section is linked to LRC 900x4-60. This means students enrolling in MATH 952-60 (directly above) MUST ALSO ENROLL and REMAIN ENROLLED in LRC 900x4-60.
0674	55	TTH	05:00p-06:50p	LEC	4.00	MSA-102	Wagner,A This section is linked to LRC 900x4-55. This means students enrolling in MATH 952-55 (directly above) MUST ALSO ENROLL and REMAIN ENROLLED in LRC 900x4-55.

MATH 090 **Elementary Algebra** **4.00 Units**
 Manipulation of algebraic expressions including ones with integer exponents and factoring, solving increasingly difficult equations and their applications, graphing lines and drawing conclusions from the graph. Introduction of rational expressions. Students are expected to be proficient with the arithmetic of positive and negative numbers including fractions upon entering MATH 090. If purchasing a used book new software access may need to be purchased at an additional expense. Ask instructor for details.

Associate Degree Applicable

PREREQUISITE: MATH 952 or MATH 953 or MATH 962 or eligibility for MATH 090 as determined through the Crafton Hills College assessment process

0676	21	MTHFW	11:00a-12:50p	LEC	4.00	MSA-102	Wilson,S
		W	11:00a-11:50a	LEC		MSA-102	Wilson,S
Note: Ref. No. 0676 - 8 week class: 08/19 - 10/11							
0678	10	MWF	09:00a-10:50a	LEC	4.00	SCC-202	Begley,D
Note: Ref. No. 0678 - 13 week class: 09/16 - 12/13							
0680	30	MW	01:00p-02:50p	LEC	4.00	MSA-101	Gibson,K
0682	95	MW	03:00p-04:50p	LEC	4.00	CL-111	McCoy,D This section is linked to ENGL 101-95 and CHC 090-95. This means students enrolling in MATH 090-95 (directly above) MUST ALSO ENROLL and REMAIN ENROLLED in ENGL 101-95 and CHC 090-95.
0684	05	TTH	07:00a-08:50a	LEC	4.00	MSA-101	Pierce,L

MATH 090 Elementary Algebra 4.00 Units

0686	92	TTH	09:00a-10:50a	LEC	4.00	LADM-106	Wilson,S
This section is linked to GEOL 100-92 and CHC 090-92. This means students enrolling in MATH 090-92 (directly above) MUST ALSO ENROLL and REMAIN ENROLLED in GEOL 100-92 and CHC 090-92.							
0688	35	TTH	01:00p-02:50p	LEC	4.00	SCC-202	Staff
0690	45	TTH	03:00p-04:50p	LEC	4.00	CHS-237	Seager,E
0692	60	MW	07:00p-08:50p	LEC	4.00	CL-111	Staff
0694	55	TTH	05:00p-06:50p	LEC	4.00	BC-101	Ramirez,R

MATH 095 Intermediate Algebra 4.00 Units

Study of rational exponents and radicals; quadratic, absolute value, rational and radical equations; complex numbers; absolute value inequalities; operations with functions; introduction to exponential and logarithmic functions; graphs of the basic functions and their translations.

Associate Degree Applicable

PREREQUISITE: MATH 090 or MATH 090C or eligibility for MATH 095

or MATH 095C as determined through the Crafton Hills College assessment process

0696	21	MTHHF	11:00a-12:50p	LEC	4.00	MSA-102	Gough,A
		W	11:00a-11:30a	LEC		MSA-102	Gough,A
Note: Ref. No. 0696 - 9 week class: 10/14 - 12/13							
0698	22	MTHHF	11:00a-12:30p	LEC	4.00	CHS-237	Hanley,J
		W	11:00a-11:50a	LEC		CHS-237	Hanley,J
Note: Ref. No. 0698 - 9 week class: 08/19 - 10/18							
0700	01	MW	07:00a-08:50a	LEC	4.00	CL-111	Ramirez,S
0702	91	MW	09:00a-10:50a	LEC	4.00	CL-111	Ramirez,S
This section is linked to CHEM 101-91. This means students enrolling in MATH 095-91 (directly above) MUST ALSO ENROLL and REMAIN ENROLLED in CHEM 101-91.							
0704	30	MW	01:00p-02:50p	LEC	4.00	LADM-304	Bullock,S
0706	40	MW	03:00p-04:50p	LEC	4.00	MSA-101	Hanley,J
0708	20	MF	11:00a-12:20p	LEC	4.00	CL-111	Leon,R
		W	11:00a-11:50a	LEC		CL-111	Leon,R
0710	94	MF	11:00a-12:20p	LEC	4.00	CL-110	Begley,D
		W	11:00a-11:50a	LEC		CL-110	Begley,D
This section is linked to ENGL 101-94 and CHC 100-94. This means students enrolling in MATH 095-94 (directly above) MUST ALSO ENROLL and REMAIN ENROLLED in ENGL 101-94 and CHC 100-94.							
0712	05	TTH	07:00a-08:50a	LEC	4.00	CL-111	Ramirez,S
0714	15	TTH	09:00a-10:50a	LEC	4.00	CL-111	Ramirez,S
0716	16	TTH	09:00a-10:50a	LEC	4.00	MSA-102	Pierce,L
0718	25	TTH	11:00a-12:50p	LEC	4.00	MSA-101	Rippy,S
0720	35	TTH	01:00p-02:50p	LEC	4.00	CL-111	Roche,J
0722	36	TTH	01:00p-02:50p	LEC	4.00	CHS-237	Seager,E
0724	45	TTH	03:00p-04:50p	LEC	4.00	MSA-101	Tasaka,B
0726	50	MW	05:00p-06:50p	LEC	4.00	CHS-237	Gibson,K
0728	51	MW	05:00p-06:50p	LEC	4.00	MSA-101	Burke,J
0730	60	MW	07:00p-08:50p	LEC	4.00	CHS-237	Stone,H
0732	65	TTH	07:00p-08:50p	LEC	4.00	MSA-102	Ramirez,R
0734	66	TTH	07:00p-08:50p	LEC	4.00	MSA-101	Wagner,A

MATH 102 College Algebra 4.00 Units

Study of logarithms, sequences, series, the Binomial Theorem, graphing conic sections, inverse functions, operations with radicals, systems of quadratic equations, and solving systems of three or more linear equations in three or more variables by matrices, and determinants; introduction to graphing rational functions, and the theory of equations.

Associate Degree Applicable

Course credit transfers to CSU.

Limited transfer to UC; contact a counselor for details.

PREREQUISITE: MATH 095 or MATH 095C or eligibility for MATH 102
as determined through the Crafton Hills College assessment process

0736	22	MTTHF	11:00a-12:50p	LEC	4.00	CHS-237	Hanley,J
		W	11:00a-11:30a	LEC		CHS-237	Hanley,J

Note: Ref. No. 0736 - 9 week class: 10/21 - 12/20

0738	01	MW	07:00a-08:50a	LEC	4.00	MSA-101	Greene,R
0740	30	MW	01:00p-02:50p	LEC	4.00	MSA-102	Gough,A
0742	15	TTH	09:00a-10:50a	LEC	4.00	MSA-101	Rippy,S
0744	25	TTH	11:00a-12:50p	LEC	4.00	CL-111	Ramirez,S
0746	45	TTH	03:00p-04:50p	LEC	4.00	CL-111	Gibson,K
0748	50	MW	05:00p-06:50p	LEC	4.00	CL-111	McCoy,D
0750	60	MW	07:00p-08:50p	LEC	4.00	MSA-101	Bullock,S
0752	65	TTH	07:00p-08:50p	LEC	4.00	CHS-237	Clayton,M

MATH 103 Plane Trigonometry 4.00 Units

Study of the circular functions, DeMoivre's Theorem and applications. Emphasis is placed on mastering trigonometric identities and the solution of trigonometric equations. If purchasing a used book, new software may need to be purchased at an additional expense.

Associate Degree Applicable

Course credit transfers to CSU.

PREREQUISITE: MATH 095 or MATH 095C or eligibility for MATH 103
as determined through the Crafton Hills College assessment process

0754	10	MW	09:00a-10:50a	LEC	4.00	MSA-101	Rippy,S
0756	15	TTH	09:00a-10:50a	LEC	4.00	CHS-237	Hanley,J
0758	35	TTH	01:00p-02:50p	LEC	4.00	MSA-101	Rippy,S
0760	50	MW	05:00p-06:50p	LEC	4.00	CL-106	Crise,R

MATH 108 Statistics 4.00 Units

Introduction to probability, descriptive and inferential statistics, with application to the natural sciences, business, economics, and behavioral sciences.

This course is also offered as PSYCH-108.

Associate Degree Applicable

Course credit transfers to both CSU and UC.

PREREQUISITE: MATH 095 or MATH 095C or eligibility for MATH 108
as determined through the Crafton Hills College assessment process
DEPARTMENTAL RECOMMENDATION: MATH 117

0762	30	MW	01:00p-02:50p	LEC	4.00	CL-218	Pfahler,D
0764	20	MF	11:00a-12:20p	LEC	4.00	MSA-101	Piamonte,R
		W	11:00a-11:50a	LEC		MSA-101	Piamonte,R
0766	25	TTH	11:00a-12:50p	LEC	4.00	CL-218	Pfahler,D
0768	65	TTH	07:00p-08:50p	LEC	4.00	CL-111	Stone,H

MATH 115 The Ideas of Mathematics 3.00 Units
 Sets, propositional logic, and the applications to topics from discrete mathematics including enumeration techniques and finite probability spaces.
 Associate Degree Applicable
 Course credit transfers to both CSU and UC.
 PREREQUISITE: MATH 095 or 095C

0770 55 TTH 05:30p-06:50p LEC 3.00 CHS-237 Gibson,K

MATH 160 Precalculus 4.00 Units
 A preparation for calculus including the study of polynomials, trigonometric, logarithmic and exponential functions; inequalities; graphing techniques; sequences and series; conic sections; and the Binomial Theorem. An introduction to proofs and limits. Any trigonometry class will meet the prerequisite. Please see a counselor.
 Associate Degree Applicable
 Course credit transfers to CSU.
 Limited transfer to UC; contact a counselor for details.
 PREREQUISITE: MATH 103 or eligibility for MATH 160 as determined through the Crafton Hills College assessment process

0772 35 TTH 01:00p-02:50p LEC 4.00 LADM-217 Crise,R
 Note: This course was formerly offered as Math 151.
 0774 55 TTH 05:00p-06:50p LEC 4.00 SCC-202 Roche,J
 Note: This course was formerly offered as Math 151.

MATH 250 Single Variable Calculus I 4.00 Units
 Introduction to differential and integral calculus; including limits and continuity; algebraic and transcendental functions, and applications of differentiation. If purchasing a used textbook, new software access may need to be purchased at an additional expense. Ask instructor details.
 Associate Degree Applicable
 Course credit transfers to both CSU and UC.
 PREREQUISITE: MATH 160 or eligibility for MATH 250 as determined through the Crafton Hills College assessment process or MATH 102 with a grade of A and MATH 103 with a grade of A or B or MATH 102 with a grade of B and MATH 103 with a grade of A

0776 30 MW 01:00p-02:50p LEC 4.00 SCC-202 Rippy,S
 0778 55 TTH 05:00p-06:50p LEC 4.00 MSA-101 Wilson,S

MATH 251 Single Variable Calculus II 4.00 Units
 Methods of integration, applications of the integrals, improper integrals, conic sections, parametric equations, infinite series, and polar coordinates.
 Associate Degree Applicable
 Course credit transfers to both CSU and UC.
 PREREQUISITE: MATH 250 or eligibility for MATH 251 as determined through the Crafton Hills College assessment process

0780 30 MW 01:00p-02:50p LEC 4.00 CL-111 Enright,E
 0782 55 TTH 05:00p-06:50p LEC 4.00 CL-111 Crise,R

MATH 252 Multivariable Calculus 5.00 Units
 Study of vectors and solid analytic geometry, functions of several variables, partial derivatives, multiple integrals, and line and surface integrals. Green's Theorem, Divergence Theorem, Stokes' Theorem.
 Associate Degree Applicable
 Course credit transfers to both CSU and UC.
 PREREQUISITE: MATH 251 or eligibility for MATH 252 as determined through the Crafton Hills College assessment process

MATH 252 Multivariable Calculus 5.00 Units

0784 30 MW 01:00p-03:20p LEC 5.00 LADM-217 Crise,R

MATH 266 Introduction to Ordinary Differential Equations 3.00 Units

An introduction to first-order differential equations and applications, linear differential equations and some applications of second-order linear differential equations, linear systems, an introduction to series solutions and the Laplace Transforms.

Associate Degree Applicable

Course credit transfers to both CSU and UC.

PREREQUISITE: MATH 251 or eligibility for

MATH 266 as determined through the Crafton Hills College assessment process

0786 40 MW 03:30p-04:50p LEC 3.00 CHS-237 Mondragon,L

MICROBIOLOGY

MICRO 102 Introductory Microbiology 4.00 Units

Introduction to microbiology, emphasizing the general characteristics of microorganisms, principles of microbial growth, identification, control and the relationships between human beings and microbes.

Associate Degree Applicable

Course credit transfers to CSU.

Limited transfer to UC; contact a counselor for details.

0788 15 TTH 09:30a-10:50a LEC 4.00 CHS-122 Shimeld,L
 TTH 08:00a-09:20a LAB MSA-107 Shimeld,L

NOTE: Students in this course (section 15) will have the opportunity to attend Supplemental Instruction (SI) sessions which are outside-of-class group study sessions with a trained student facilitator on THURSDAYS from 01:00pm-02:00pm or 04:30pm-05:30pm.

0790 16 TTH 09:30a-10:50a LEC 4.00 CHS-122 Shimeld,L
 TTH 11:00a-12:20p LAB MSA-107 Shimeld,L

NOTE: Students in this course (section 16) will have the opportunity to attend Supplemental Instruction (SI) sessions which are outside-of-class group study sessions with a trained student facilitator on THURSDAYS from 01:00pm-02:00pm or 04:30pm-05:30pm.

0792 35 TTH 01:00p-02:20p LEC 4.00 CHS-122 Shimeld,L
 TTH 02:30p-03:50p LAB MSA-107 Burns,C

NOTE: Students in this course (section 35) will have the opportunity to attend Supplemental Instruction (SI) sessions which are outside-of-class group study sessions with a trained student facilitator on THURSDAYS from 01:00pm-02:00pm or 04:30pm-05:30pm.

0794 36 TTH 01:00p-02:20p LEC 4.00 CHS-122 Shimeld,L
 TTH 11:00a-12:20p LAB MSA-107 Shimeld,L

NOTE: Students in this course (section 36) will have the opportunity to attend Supplemental Instruction (SI) sessions which are outside-of-class group study sessions with a trained student facilitator on THURSDAYS from 01:00pm-02:00pm or 04:30pm-05:30pm.

MICRO 150 Medical Microbiology 5.00 Units

Study of microbiology, emphasizing the biology of microorganisms including bacteria, fungi, protozoans, helminths, and viruses. Introduces fundamental principles of medical microbiology including microbial cultivation, metabolism, genetics, growth, and control. Principles of epidemiology, disease transmission and a survey of communicable diseases are also included.

Associate Degree Applicable

Course credit transfers to CSU.

Limited transfer to UC; contact a counselor for details.

PREREQUISITE: CHEM 101 or CHEM 150

0796	20	MW	11:00a-12:20p	LEC	5.00	CHS-122	Shimeld,L
		MW	08:00a-10:50a	LAB		MSA-109	Shimeld,L
0798	21	MW	11:00a-12:20p	LEC	5.00	CHS-122	Shimeld,L
		MW	01:00p-03:50p	LAB		MSA-109	Burns,C
0800	55	TTH	05:30p-06:50p	LEC	5.00	CHS-242	Kapoor,A
		TTH	07:00p-09:50p	LAB		MSA-109	Kapoor,A

MICRO 247A Special Problems in Microbiology 2.00 Units

Independent projects for selected students with a special interest in microbiology, involving library research and/or laboratory projects.

(Formerly MICRO-247X4)

Associate Degree Applicable

Course credit transfers to CSU.

Limited transfer to UC; credit determined after transfer to UC.

PREREQUISITE: MICRO 102 or MICRO 150

0802	95	ARR	6 HRS/WK	DIR	2.00	MSA-109	Shimeld,L
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MICRO 248A Special Problems in Microbiology 3.00 Units

Independent projects for selected students with a special interest in microbiology, involving library research and/or laboratory projects.

(Formerly MICRO-248X4)

Associate Degree Applicable

Course credit transfers to CSU.

Limited transfer to UC; credit determined after transfer to UC.

PREREQUISITE: MICRO 102 or MICRO 150

0804	95	ARR	9 HRS/WK	DIR	3.00	MSA-109	Shimeld,L
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MUSIC

MUSIC 100 Fundamental Skills in Music 3.00 Units

An introduction to the elements of music notation.

Associate Degree Applicable

Course credit transfers to both CSU and UC.

0806	30	MW	01:00p-02:20p	LEC	3.00	PAC-308	McClurg,B
0808	20	M	11:00a-12:50p	LEC	3.00	PAC-308	McConnell,M
		W	11:00a-11:50a	LEC		PAC-308	McConnell,M

MUSIC 101 Music Theory I 4.00 Units

Progressive study of harmony, sight singing, dictation, rhythm, scales, intervals, and key signatures from the Common Practice Era. Open to both music majors and non-majors.

Associate Degree Applicable

Course credit transfers to both CSU and UC.

0810	25	TTH	11:00a-12:20p	LEC	4.00	PAC-308	McConnell,M
		TTH	12:30p-01:50p	LAB		PAC-308	McConnell,M

MUSIC 103 Appreciation of American Popular Music 3.00 Units

History of American popular music with an emphasis on the music of the current and past century.

This course is also offered as MUSIC-103H.

Associate Degree Applicable

Course credit transfers to both CSU and UC.

0812	15	TTH	09:30a-10:50a	LEC	3.00	PAC-308	Staff
0814	70	ARR	3 HRS/WK	LEC	3.00		McConnell,M

This class (section 70) is an online course with no on-campus meetings.

Participation in this online class requires that students have access to a computer that is connected to the Internet and has a CD-ROM drive and speakers or headphones. Students with no previous experience in online/hybrid courses are encouraged to enroll in CHC 062 (formerly CIS 062), Introduction to Online Learning.

MUSIC 120 Appreciation of Musical Literature 3.00 Units

Introduction to Western musical literature, designed to develop an understanding of music within context.

Associate Degree Applicable

Course credit transfers to both CSU and UC.

0816	35	TTH	01:00p-02:20p	LEC	3.00	PAC-309	Staff
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MUSIC 132 Guitar I 2.00 Units

Progressive study of the basic techniques of playing guitar. Students must provide their own instruments.

(Formerly MUSIC-132X4)

Associate Degree Applicable

Course credit transfers to both CSU and UC.

DEPARTMENTAL RECOMMENDATION: Successful completion of MUSIC 100

0818	40	M	04:00p-04:50p	LEC	2.00	PAC-308	McNaughton,B
		M	05:00p-06:50p	LAB		PAC-309	McNaughton,B
		ARR	1 HRS/WK	LAB		PAC-309	McNaughton,B

MUSIC 133 Guitar II 2.00 Units

Progressive study of the basic techniques of playing guitar. Students must provide their own instruments.

Associate Degree Applicable

Course credit transfers to CSU.

0820	40	M	04:00p-04:50p	LEC	2.00	PAC-308	McNaughton,B
		M	05:00p-06:50p	LAB		PAC-309	McNaughton,B
		ARR	1 HRS/WK	LAB		PAC-309	McNaughton,B

MUSIC 135 Piano I 2.00 Units

Class instruction in piano, including scale techniques, reading, basic literature, keyboard techniques, and musicianship skills. First in a series of four courses.

(Formerly MUSIC-135X4)

Associate Degree Applicable

Course credit transfers to both CSU and UC.

DEPARTMENTAL RECOMMENDATION: Successful completion of MUSIC 100

0822	10	MW	09:00a-09:25a	LEC	2.00	PAC-225	McConnell,M
		MW	09:26a-10:40a	LAB		PAC-225	McConnell,M
0824	25	TTH	11:00a-11:25a	LEC	2.00	PAC-225	Stupin,M
		TTH	11:26a-12:40p	LAB		PAC-225	Stupin,M

MUSIC 136 Piano II 2.00 Units

Class instruction in piano, including scale techniques, reading, intermediate literature, and musicianship skills.

Associate Degree Applicable

Course credit transfers to CSU.

PREREQUISITE: MUSIC 135

0826	10	MW	09:00a-09:25a	LEC	2.00	PAC-225	McConnell,M
		MW	09:26a-10:40a	LAB		PAC-225	McConnell,M
0828	25	TTH	11:00a-11:25a	LEC	2.00	PAC-225	Stupin,M
		TTH	11:26a-12:40p	LAB		PAC-225	Stupin,M

MUSIC 141X4 Applied Music 2.00 Units

Applied private music lessons.

Associate Degree Applicable

Course credit transfers to both CSU and UC.

Note: MUSIC 141X4 may be taken 4 times

DEPARTMENTAL RECOMMENDATION: Successful completion of MUSIC 100

0830	95	ARR	6 HRS/WK	DIR	2.00	PAC-101	Stupin,M
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MUSIC 150X4 Concert Choir I 2.00 Units

Study and performance of choral literature and performance techniques.

Associate Degree Applicable

Course credit transfers to both CSU and UC.

Note: MUSIC 150X4 may be taken 4 times

0832	65	T	07:00p-07:50p	LEC	2.00	PAC-308	McClurg,B
		T	08:00p-09:50p	LAB		PAC-309	McClurg,B
		ARR	1 HRS/WK	LAB		PAC-309	McClurg,B

MUSIC 174X4 Jazz Band I 2.00 Units

Study and performance of Jazz literature.

Associate Degree Applicable

Course credit transfers to both CSU and UC.

Note: MUSIC 174X4 may be taken 4 times

PREREQUISITE: Demonstrate performance proficiency on instrument/
voice through audition

0834	65	TH	07:00p-07:50p	LEC	2.00	PAC-308	McNaughton,B
		TH	08:00p-09:50p	LAB		PAC-309	McNaughton,B
		ARR	1 HRS/WK	LAB		PAC-309	McNaughton,B

MUSIC 190 Songwriting and Composition 3.00 Units

Practical techniques in songwriting and composition.

Associate Degree Applicable

Course credit transfers to both CSU and UC.

DEPARTMENTAL RECOMMENDATION: MUSIC 100 or music reading ability

(chord chart, notation, tab, etc.) or instrument or voice proficiency

0836	35	TTH	02:00p-02:50p	LEC	3.00	PAC-308	McConnell,M
		TTH	03:00p-04:20p	LAB		PAC-308	McConnell,M

OCEANOGRAPHY

OCEAN 101 Elements of Oceanography 3.00 Units

Study of the Earth's oceans, including the chemistry, physics and geology. This class has a required field trip.

This course is also offered as OCEAN-101H.

Associate Degree Applicable

Course credit transfers to CSU.

Limited transfer to UC; contact a counselor for details.

0840	30	MW	01:00p-02:20p	LEC	3.00	LADM-224	Roberts,C
0842	65	T	07:00p-09:50p	LEC	3.00	LADM-224	Muir,W

PHILOSOPHY

PHIL 101 Introduction to Philosophy 3.00 Units

Introduction to the major problems of philosophy, utilizing classical and modern philosophical literature as a basis for discussion of epistemology, metaphysics, ethics and aesthetics.

This course is also offered as PHIL-101H.

Associate Degree Applicable

Course credit transfers to both CSU and UC.

DEPARTMENTAL RECOMMENDATIONS: Eligibility for ENGL 101

0844	40	MW	03:00p-04:20p	LEC	3.00	LADM-304	Linfield,L
0846	25	TTH	11:00a-12:20p	LEC	3.00	LADM-304	Kelsey,D
0848	60	M	07:00p-09:50p	LEC	3.00	LADM-304	Linfield,L

PHIL 103 Introduction to Logic: Argument and Evidence 3.00 Units

Introduction to the techniques of critical thought including language analysis, inductive and deductive logic, symbolic logic and the development of the scientific method.

Associate Degree Applicable

Course credit transfers to both CSU and UC.

DEPARTMENTAL RECOMMENDATIONS: Successful completion of ENGL 101 or ENGL 101H

0850	70	ARR	3 HRS/WK	LEC	3.00		Brink,T
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This class is an online course with no on-campus meetings.

Participation in this online class requires that students have access to a computer that is connected to the Internet and has a CD-ROM drive and speakers or headphones. Students with no previous experience in online/hybrid courses are encouraged to enroll in CHC 062 (formerly CIS 062), Introduction to Online Learning.

0852	65	T	07:00p-09:50p	LEC	3.00	LADM-304	Romero,B
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PHIL 105 Introduction to Ethics: Moral Values in Today's Society 3.00 Units

Study of the history and application of moral philosophy that analyzes prominent ethical traditions and applies them to contemporary moral issues.

Associate Degree Applicable

Course credit transfers to both CSU and UC.

DEPARTMENTAL RECOMMENDATIONS: Eligibility for ENGL 101

0854	45	TTH	03:00p-04:20p	LEC	3.00	LADM-304	Kelsey,D
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Introduction to Ethics: Moral Values in

PHIL 105H Today's Society-Honors 3.00 Units

Study of the history and application of moral philosophy that analyzes prominent ethical traditions and applies them to contemporary moral issues. This course includes content and experiences appropriate for students wishing to earn honors credit.

Associate Degree Applicable

Course credit transfers to both CSU and UC.

PREREQUISITE: Acceptance into the College Honors Institute

0856 45 TTH 03:00p-04:20p LEC 3.00 LADM-304 Kelsey,D

PHYSICAL ED - INDIVIDUAL/GROUP

PE 200 Introduction to Kinesiology 3.00 Units

Introduction to the interdisciplinary study of human movement.

Associate Degree Applicable

Course credit transfers to both CSU and UC.

0858 15 TTH 09:00a-10:50a LEC 3.00 AC-103 Rabago,R

Note: Ref. No. 0858 - 13 week class: 09/17 - 12/12

PE/I 070 Fitness Evaluation 0.25 Units

Fitness assessment which covers cardiorespiratory fitness, muscular strength, muscular endurance, flexibility, body composition, blood pressure, health history and dietary intake. After testing, recommendations for an exercise program and dietary guidance are given based on personal needs.

Graded on Credit/No Credit basis only.

(Formerly PE/I-070X4)

Associate Degree Applicable

0860 95 ARR .75 HRS/WK LAB 0.25 G-003 Hayes,C
Maloney-Hinds,C

PE/I 105 Aerobics 1.00 Units

Aerobics training for beginning through advanced students. Activities to improve flexibility and strength with an emphasis on cardiorespiratory conditioning.

(Formerly PE/I-105X4)

Associate Degree Applicable

Course credit limited transfer CSU & UC.

Contact a counselor for details.

0862 10 MWF 09:00a-09:50a LAB 1.00 G-101W Poffek,C
0864 50 MW 05:00p-06:20p LAB 1.00 G-101W Hunt,B

PE/I 106 Total Body Fitness 1.00 Units

Designed for individuals interested in improving cardiovascular fitness, flexibility, balance muscular endurance and muscular strength. The class will incorporate various cardiovascular, stretching and strength training regimens to promote optimal conditioning.

(Formerly PE/I-106X4)

Associate Degree Applicable

Course credit limited transfer CSU & UC.

Contact a counselor for details.

0866 20 MWF 11:00a-11:50a LAB 1.00 G-101E Poffek,C
Note: Some class instruction will take place at the Aquatics Center during which students will have the opportunity to utilize pool facilities.

PE/I 106		Total Body Fitness				1.00 Units	
0868	15	TTH	09:30a-10:50a	LAB	1.00	G-101E	Ledoux,J
Note: Some class instruction will take place at the Aquatics Center during which students will have the opportunity to utilize pool facilities.							
0870	50	MW	05:00p-06:50p	LAB	1.00	G-101E	Swanson,J
Note: Ref. No. 0870 - 14 week class: 08/19 - 11/20							
Note: Some class instruction will take place at the Aquatics Center during which students will have the opportunity to utilize pool facilities.							

PE/I 108		Weight Training				1.00 Units	
Weight training for beginners with little or no weight training knowledge and skills and advanced students who desire more sophisticated routines.							
(Formerly PE/I-108X4)							
Associate Degree Applicable							
Course credit limited transfer CSU & UC.							
Contact a counselor for details.							
0872	10	MWF	09:00a-09:50a	LAB	1.00	G-101E	Ledoux,J
0874	11	MWF	10:00a-10:50a	LAB	1.00	G-101E	Ledoux,J
0876	25	TTH	11:00a-12:20p	LAB	1.00	G-101E	Ledoux,J

PE/I 120		Golf				1.00 Units	
This course develops playing and competitive skills for the lifetime benefits of participation in the sport of golf.							
(Formerly PE/I-120X4)							
Associate Degree Applicable							
Course credit limited transfer CSU & UC.							
Contact a counselor for details.							
0878	30	MW	01:00p-02:50p	LAB	1.00	G-101W	Rabago,R
Note: Ref. No. 0878 - 13 week class: 09/16 - 12/11							
Note: Some class instruction will take place off-campus at Yucaipa Valley Golf Club. Students must provide their own transportation.							
0880	35	TTH	01:00p-02:50p	LAB	1.00	G-101E	Rabago,R
Note: Ref. No. 0880 - 13 week class: 09/17 - 12/12							
Note: Some class instruction will take place off-campus at Yucaipa Valley Golf Club. Students must provide their own transportation.							
0882	80	F	01:00p-03:50p	LAB	1.00	G-101W	Rabago,R
Note: Some class instruction will take place off-campus at Yucaipa Valley Golf Club. Students must provide their own transportation.							

PE/I 127		Walking for Fitness				1.00 Units	
Walking for fitness suitable for individuals of all ages and fitness levels.							
Incorporation of various walking routes designed to promote walking endurance and walking speed. Also promotes improvement in cardiovascular health and general well-being.							
(Formerly PE/I-127X4)							
Associate Degree Applicable							
Course credit limited transfer CSU & UC.							
Contact a counselor for details.							
0884	01	MWF	08:00a-08:50a	LAB	1.00	G-101E	Ledoux,J

PE/I 143 Funk/Hip Hop Dance 1.00 Units

This course is designed for beginning students, with little or no experience in funk/hip hop dance, and for advanced students who wish to clarify technical problems and deficiencies. Students will develop skills that will enable them to perform dance steps in video dancing using techniques such as brake, pop style and up-tempo.

This course is also offered as DANCE 143.

(Formerly PE/I-143X4)

Associate Degree Applicable

Course credit limited transfer CSU & UC.

Contact a counselor for details.

0886 35 TTH 01:00p-02:20p LAB 1.00 G-101W Manning,L

PE/I 148 Tennis 1.00 Units

This course develops playing and competitive skills for the lifetime benefits of participation in the sport of tennis. Included in instruction will be skills, techniques, strategies, rules and etiquette.

(Formerly PE/I-148X4)

Associate Degree Applicable

Course credit limited transfer CSU & UC.

Contact a counselor for details.

0888 20 MF 11:00a-12:50p LAB 1.00 TC-CRTS Rabago,R
Note: Ref. No. 0888 - 13 week class: 09/16 - 12/13

0890 25 TTH 11:00a-12:50p LAB 1.00 TC-CRTS Rabago,R
Note: Ref. No. 0890 - 13 week class: 09/17 - 12/12

0892 60 W 06:00p-08:50p LAB 1.00 TC-CRTS Rabago,R

PE/I 155 Conditioning with the Pilates Method 1.00 Units

The Pilates method of exercise is a combination of yoga and strength training. The training regime focuses on improving strength and flexibility with minimal stress to the body. It is an excellent form of exercise for any student, including students with physical limitations.

(Formerly PE/I-155X4)

Associate Degree Applicable

Course credit limited transfer CSU & UC.

Contact a counselor for details.

0894 10 MWF 10:00a-10:50a LAB 1.00 G-101W Poffek,C
0896 45 TTH 03:30p-04:50p LAB 1.00 G-101W Alblinger,D

PE/I 159 Karate 1.00 Units

Practice in the fundamental skills of unarmed self-defense.

(Formerly PE/I-159X4)

Associate Degree Applicable

Course credit limited transfer CSU & UC.

Contact a counselor for details.

0898 60 W 06:30p-09:20p LAB 1.00 G-101W Namekata,J

PE/I 168 Yoga 1.00 Units
 Yoga training suitable for individuals of all ages and fitness levels. Basic principles of yoga with an emphasis on the practice and mastery of yoga postures. (Formerly PE/I-168X4)
 Associate Degree Applicable
 Course credit limited transfer CSU & UC.
 Contact a counselor for details.

0900	30	MW	01:00p-02:20p	LAB	1.00	G-001	Aniello,L
0902	25	TTH	11:00a-12:20p	LAB	1.00	G-001	Aniello,L
0904	55	TTH	05:00p-06:20p	LAB	1.00	G-001	Aniello,L

PE/I 173 Water Aerobics and Deep Water Exercise 1.00 Units
 Instruction in basic fitness concepts as well as basic exercise in the water. Development of strength, flexibility, movement memory, balance, coordination and cardiovascular fitness within a water aerobic format. Associate Degree Applicable
 Course credit limited transfer CSU & UC.
 Contact a counselor for details.

0906	25	TTH	11:00a-12:20p	LAB	1.00	AC-S-POOL	Bastedo,Y
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PHYSICAL ED - TEAM

PE/T 130 Team Sports (Co-Ed) 1.00 Units
 This course develops playing skills for the lifetime benefit of participation in a variety of team sports. Includes instruction on the rules, basic skills, techniques, and strategies. (Formerly PE/T-130X4)
 Associate Degree Applicable
 Course credit limited transfer CSU & UC.
 Contact a counselor for details.

0908	15	TTH	09:00a-10:20a	LAB	1.00	G-101W	Ducey,J
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Note: Basketball

PHYSICS

PHYSIC 100 Introduction to Physics 4.00 Units
 Introduction to the ideas, concepts, and theories of physics including mechanics, waves,heat, electromagnetism, and atomic and nuclear structure. This course does not require students to have extensive knowledge of mathematics. Associate Degree Applicable
 Course credit transfers to CSU.
 Limited transfer to UC; contact a counselor for details.
 DEPARTMENTAL RECOMMENDATION: Eligibility for MATH 090

0910	20	MWF	11:00a-11:50a	LEC	4.00	LADM-121	Adams,M
		M	01:00p-03:50p	LAB		LADM-115	Adams,M
0912	21	MWF	11:00a-11:50a	LEC	4.00	LADM-121	Adams,M
		W	01:00p-03:50p	LAB		LADM-115	Adams,M

PHYSIC 110 General Physics I 4.00 Units
 Introduction to classical mechanics, heat and thermodynamics and oscillations and waves. Associate Degree Applicable
 Course credit transfers to CSU.
 Limited transfer to UC; contact a counselor for details.
 PREREQUISITES: MATH 103 or eligibility for MATH 160 as determined through the Crafton Hills College assessment process
 DEPARTMENTAL RECOMMENDATION: PHYSIC 100

0914	30	MWF	01:00p-01:50p	LEC	4.00	LADM-121	Staff
		F	09:00a-11:50a	LAB		LADM-115	Staff

PHYSIC 250 College Physics I 4.00 Units

Study of physics, including mechanics, conservation laws, fluids and wave motion.

Replaces PHYSIC 200.

Associate Degree Applicable

Course credit transfers to CSU.

Limited transfer to UC; contact a counselor for details.

PREREQUISITE: MATH 250

0916	25	TTH	11:00a-12:20p	LEC	4.00	LADM-121	Adams,M
		T	02:00p-04:50p	LAB		LADM-115	Adams,M

This section is linked to LRC 900x4-25. This means students enrolling in PHYSIC 250-25 (directly above) MUST ALSO ENROLL and REMAIN ENROLLED in LRC 900x4-25.

POLITICAL SCIENCE

POLIT 100 American Politics 3.00 Units

Introductory course in the fundamentals of American government and politics.

Associate Degree Applicable

Course credit transfers to both CSU and UC.

DEPARTMENTAL RECOMMENDATION: Successful completion of ENGL 101 or

ENGL 101H

0920	10	MW	09:30a-10:50a	LEC	3.00	CHS-122	Hellerman,S
0922	30	MW	01:00p-02:20p	LEC	3.00	CHS-122	Hellerman,S
0924	25	TTH	11:00a-12:20p	LEC	3.00	CHS-122	Hellerman,S
0926	35	TTH	01:00p-02:20p	LEC	3.00	LADM-121	Veldhuis,S
0928	80	F	09:00a-11:50a	LEC	3.00	CHS-122	Veldhuis,S
0930	60	M	07:00p-09:50p	LEC	3.00	CHS-122	Dolson-Andrew,S
0932	65	W	07:00p-09:50p	LEC	3.00	BC-101	Hellerman,S

POLIT 106 Introduction to World Politics 3.00 Units

Introductory course in recent and contemporary world politics.

Associate Degree Applicable

Course credit transfers to both CSU and UC.

DEPARTMENTAL RECOMMENDATION: Eligibility for ENGL 101 as

determined through the Crafton Hills College assessment process.

Reading: Pass a standardized test of reading comprehension at or above the 12th grade level; POLIT 100

0934	45	TTH	03:00p-04:50p	LEC	3.00	BC-106	Hellerman,S
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Note: Ref. No. 0934 - 13 week class: 09/17 - 12/12

PSYCHOLOGY

PSYCH 100 General Psychology 3.00 Units

Survey of the nature and scope of psychology including the topics of neurophysiology, sensation, perception, learning, memory, cognition, intelligence, language, emotion, motivation, personality, psychopathology, treatment and social psychology.

(Formerly PSYCH-100H)

Associate Degree Applicable

Course credit transfers to both CSU and UC.

DEPARTMENTAL RECOMMENDATIONS: Eligibility for ENGL 101.

Eligibility for MATH 090

0936	01	MW	07:30a-08:50a	LEC	3.00	CL-218	Staff
0938	10	MW	09:30a-10:50a	LEC	3.00	CL-218	Pfahler,D

PSYCH 100 General Psychology 3.00 Units

0940	25	TTH	09:30a-10:50a	LEC	3.00	CHS-242	Brink,T
NOTE: Students in this course (section 25) will have the opportunity to attend Supplemental Instruction (SI) sessions which are voluntary, outside-of-class group study sessions with a trained student facilitator.							
0942	45	TTH	03:00p-04:50p	LEC	3.00	CHS-242	Brink,T
Note: Ref. No. 0942 - 14 week class: 09/03 - 12/05							
NOTE: Students in this course (section 45) will have the opportunity to attend Supplemental Instruction (SI) sessions which are voluntary, outside-of-class group study sessions with a trained student facilitator.							
0944	80	F	09:00a-11:50a	LEC	3.00	CL-218	Pfahler,D
0946	70	ARR	3.8 HRS/WK	LEC	3.00	-	Downey,J
Note: Ref. No. 0946 - 14 week class: 09/03 - 12/05							
This class (section 70) is an online course with no on-campus meetings. Participation in this online class requires that students have access to a computer that is connected to the Internet and has a CD-ROM drive and speakers or headphones. Students with no previous experience in online/hybrid courses are encouraged to enroll in CHC 062 (formerly CIS 062), Introduction to Online Learning.							
0948	60	W	07:00p-09:50p	LEC	3.00	CL-218	Williams,G

PSYCH 100H General Psychology - Honors 3.00 Units

Survey of the nature and scope of psychology including the topics of neurophysiology, sensation, perception, learning, memory, cognition, intelligence, language, emotion, motivation, personality, psychopathology, treatment and social psychology. This course includes content and experiences appropriate for students wishing to earn honors credit.

Associate Degree Applicable

Course credit transfers to both CSU and UC.

PREREQUISITE: Acceptance into the College Honors Institute

0950	25	TTH	09:30a-10:50a	LEC	3.00	CHS-242	Brink,T
NOTE: Students in this course (section 25) will have the opportunity to attend Supplemental Instruction (SI) sessions which are voluntary, outside-of-class group study sessions with a trained student facilitator.							
0952	45	TTH	03:00p-04:50p	LEC	3.00	CHS-242	Brink,T
Note: Ref. No. 0952 - 14 week class: 09/03 - 12/05							
NOTE: Students in this course (section 45) will have the opportunity to attend Supplemental Instruction (SI) sessions which are voluntary, outside-of-class group study sessions with a trained student facilitator.							

PSYCH 101 Research Methods 3.00 Units

Introduction to the methodology of correlational and experimental research in psychology and related discipline. This course covers the design, data gathering, data analysis and write-up of quantitative research. Designed primarily for psychology and other social and behavioral science majors.

Associate Degree Applicable

Course credit transfers to both CSU and UC.

PREREQUISITE: PSYCH 100 or PSYCH 100H

0954	15	TTH	09:30a-10:50a	LEC	3.00	CL-218	Pfahler,D
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RADIOLOGIC TECHNOLOGY

RADIOL 100 Introduction to Radiologic Technology 1.50 Units

Introduction to the general structure of medicine specifically applicable to radiologic technology. Departmental administration, office procedures, radiation protection, equipment care, and basic medical techniques. Study and practice of professional ethics relative to the radiologic technology, emphasizing personal appearance, attitudes, hygiene and the code of ethics for radiologic technologists.

Associate Degree Applicable

PREREQUISITE: Acceptance into the Radiologic Technology program

COREQUISITES: RADIOL 103, RADIOL 104, RADIOL 105, RADIOL 106, RADIOL 107, RADIOL 110, RADIOL 115

0972 95 TH 12:00p-01:20p LEC 1.50 CLTN-ARMC Hunter,M
Note: Ref. No. 0972 will be held at Arrowhead Regional Med. Ctr.
in Colton.

RADIOL 103 Radiographic Positioning I 1.00 Units

Study of various anatomical positions necessary to demonstrate specific anatomical parts for diagnostic evaluation. Emphasis on chest, abdomen, upper and lower extremities and shoulder girdle.

Associate Degree Applicable

PREREQUISITE: Acceptance into the Radiologic Technology program

COREQUISITE: RADIOL 100, RADIOL 104, RADIOL 105, RADIOL 106, RADIOL 107, RADIOL 110, RADIOL 115

0974 95 TH 08:00a-08:50a LEC 1.00 CLTN-ARMC Hunter,M
Note: Ref. No. 0974 will be held at Arrowhead Regional Med. Ctr.
in Colton.

RADIOL 104 Radiologic Physics I 1.50 Units

Study of basic radiologic physics including units of measurement, energy, matter, atomic structure, magnetism and other concepts related to the production and control of high voltage.

Associate Degree Applicable

PREREQUISITE: Acceptance into the Radiologic Technology program

COREQUISITE: RADIOL 100, RADIOL 103, RADIOL 105, RADIOL 106, RADIOL 107, RADIOL 110, RADIOL 115

0976 95 TH 01:30p-02:50p LEC 1.50 CLTN-ARMC Hunter,M
Note: Ref. No. 0976 will be held at Arrowhead Regional Med. Ctr.
in Colton.

RADIOL 105 Radiographic Anatomy/ Physiology I 1.00 Units

Study of basic human anatomy and physiology pertinent to radiology.

Associate Degree Applicable

PREREQUISITE: Acceptance into the Radiologic Technology program

COREQUISITE: RADIOL 100, RADIOL 103, RADIOL 104, RADIOL 106, RADIOL 107, RADIOL 110, RADIOL 115

0978 95 T 12:00p-12:50p LEC 1.00 CLTN-ARMC Hunter,M
Note: Ref. No. 0978 will be held at Arrowhead Regional Med. Ctr.
in Colton.

RADIOL 106 Radiographic Positioning Lab I 0.50 Units
Practice positioning various anatomical parts for specific radiographic examinations.
Associate Degree Applicable
PREREQUISITE: Acceptance into the Radiologic Technology program
COREQUISITE: RADIOL 100, RADIOL 103, RADIOL 104, RADIOL 105,
RADIOL 107, RADIOL 110, RADIOL 115

0980 95 ARR 1.5 HRS/WK LAB 0.50 CLTN-ARMC Hunter,M
Note: Ref. No. 0980 will be held at Arrowhead Regional Med. Ctr.
in Colton.

RADIOL 107 Basic Radiologic Medical Techniques 1.50 Units
Study of basic nursing techniques and methods of patient care for radiologic technologists.
Associate Degree Applicable
PREREQUISITE: Acceptance into the Radiologic Technology program
COREQUISITE: RADIOL 100, RADIOL 103, RADIOL 104, RADIOL 105,
RADIOL 106, RADIOL 110, RADIOL 115

0982 95 T 01:00p-02:20p LEC 1.50 CLTN-ARMC Hunter,M
Note: Ref. No. 0982 will be held at Arrowhead Regional Med. Ctr.
in Colton.

RADIOL 110 Radiographic Exposure I 1.00 Units
Study of the fundamentals of radiographic exposure techniques, image formation, and technical conversions pertaining to radiography.
Associate Degree Applicable
PREREQUISITES: Acceptance into the Radiologic Technology program
COREQUISITES: RADIOL 100, RADIOL 103, RADIOL 104, RADIOL 105,
RADIOL 106, RADIOL 107, RADIOL 115

0984 95 T LEC 1.00 CLTN-ARMC Hunter,M
Note: Ref. No. 0984 will be held at Arrowhead Regional Med. Ctr.
in Colton.

RADIOL 115 Radiographic Clinic I 11.50 Units
Observation and supervised clinical experience. Emphasis on the development of primary skills in radiologic technology.
Associate Degree Applicable
PREREQUISITE: Acceptance into the Radiologic Technology program
COREQUISITE: RADIOL 100, RADIOL 103, RADIOL 104, RADIOL 105,
RADIOL 106, RADIOL 107, RADIOL 110

0986 95 ARR 39.15 HRS/WK CLINC 11.50 CLTN-ARMC Hunter,M
Note: Ref. No. 0986 - 20 week class: 08/05 - 12/20
Note: Ref. No. 0986 will be held at Arrowhead Regional Med. Ctr.
in Colton.

RADIOL 200 Radiation Protection II 1.50 Units
Study of the biological effects of radiation, cell structure, ionizing radiation, and government regulations regarding its use.
Associate Degree Applicable
PREREQUISITES: RADIOL 108, RADIOL 109, RADIOL 111, RADIOL 112,
RADIOL 113, RADIOL 114, RADIOL 116, RADIOL 117
COREQUISITES: RADIOL 202, RADIOL 203, RADIOL 204, RADIOL 205,
RADIOL 213

0988 95 T 10:30a-11:50a LEC 1.50 CLTN-ARMC Hunter,M
Note: Ref. No. 0988 will be held at Arrowhead Regional Med. Ctr. in Colton.

RADIOL 202 Radiographic Film Critique II 1.00 Units

Analysis of radiographic examinations with emphasis on improving each student's ability to identify anatomical structures on radiographs.

Associate Degree Applicable

PREREQUISITES: RADIOL 108, RADIOL 109, RADIOL 111, RADIOL 112, RADIOL 113, RADIOL 114, RADIOL 116, RADIOL 117

COREQUISITES: RADIOL 200, RADIOL 203, RADIOL 204, RADIOL 205, RADIOL 213

0990 95 T 03:30p-04:20p LEC 1.00 CLTN-ARMC Hunter,M
Note: Ref. No. 0990 will be held at Arrowhead Regional Med. Ctr.
in Colton.

RADIOL 203 Radiographic Positioning III 1.00 Units

Study and demonstration of various anatomical positions necessary to demonstrate specific anatomical parts of diagnostic evaluation. Emphasis on the cranium and osseous structures of the face.

Associate Degree Applicable

PREREQUISITES: RADIOL 108, RADIOL 109, RADIOL 111, RADIOL 112, RADIOL 113, RADIOL 114, RADIOL 116, RADIOL 117

COREQUISITES: RADIOL 200, RADIOL 202, RADIOL 204, RADIOL 205, RADIOL 213

0992 95 TH 09:00a-09:50a LEC 1.00 CLTN-ARMC Hunter,M
Note: Ref. No. 0992 will be held at Arrowhead Regional Med. Ctr.
in Colton.

RADIOL 204 Radiographic Anatomy/ Physiology III 1.00 Units

Study of the human anatomy and physiology pertaining to radiology. A continuation of RADIOL 113.

Associate Degree Applicable

PREREQUISITES: RADIOL 108, RADIOL 109, RADIOL 111, RADIOL 112, RADIOL 113, RADIOL 114, RADIOL 116, RADIOL 117

COREQUISITES: RADIOL 200, RADIOL 202, RADIOL 203, RADIOL 205, RADIOL 213

0994 95 T 02:30p-03:20p LEC 1.00 CLTN-ARMC Hunter,M
Note: Ref. No. 0994 will be held at Arrowhead Regional Med. Ctr.
in Colton.

RADIOL 205 Radiographic Exposure Lab 0.50 Units

Demonstration of experiments pertaining to the fundamentals of exposure techniques, image formation, and technical conversions. Demonstration of photographic and geometric properties of radiographic quality.

Associate Degree Applicable

PREREQUISITES: RADIOL 108, RADIOL 109, RADIOL 111, RADIOL 112, RADIOL 113, RADIOL 114, RADIOL 116, RADIOL 117

COREQUISITES: RADIOL 200, RADIOL 202, RADIOL 203, RADIOL 204, RADIOL 213

0996 95 ARR 1.5 HRS/WK LAB 0.50 CLTN-ARMC Hunter,M
Note: Ref. No. 0996 will be held at Arrowhead Regional Med. Ctr.
in Colton.

RADIOL 213 Radiographic Clinic III 14.25 Units
 Advanced clinical experience. Emphasis on further development of skills in radiologic technology.

Associate Degree Applicable

PREREQUISITES: RADIOL 108, RADIOL 109, RADIOL 111, RADIOL 112, RADIOL 113, RADIOL 114, RADIOL 116, RADIOL 117

COREQUISITES: RADIOL 200, RADIOL 202, RADIOL 203, RADIOL 204, RADIOL 205

0998 95 ARR 48.6 HRS/WK CLINC 14.25 CLTN-ARMC Hunter,M

Note: Ref. No. 0998 - 20 week class: 08/05 - 12/20

Note: Ref. No. 0998 will be held at Arrowhead Regional Med. Ctr. in Colton.

READING AND STUDY SKILLS

READ 980 Fundamentals of Reading 4.00 Units

Development of academic reading, critical thinking, and corresponding writing skills expected in associate degree and transfer-level courses. Instruction focusing on skills required for vocabulary development, critical reading comprehension, fluency, and understanding the relationship between reading and writing. Replaces

READ 956X2

Associate Degree Applicable

1000	10	MW	09:00a-10:50a	LEC	4.00	BC-104	Lowe,L
1002	30	MW	01:00p-02:50p	LEC	4.00	BC-104	Lowe,L
1004	40	MW	03:00p-04:50p	LEC	4.00	BC-104	Larsen,A
1006	15	TTH	09:00a-10:50a	LEC	4.00	BC-104	Larsen,A
1008	35	TTH	01:00p-02:50p	LEC	4.00	BC-104	Lowe,L
1010	50	MW	05:00p-06:50p	LEC	4.00	BC-104	Wise,L
1012	55	TTH	05:00p-06:50p	LEC	4.00	BC-104	Wise,L

READ 100 College Academic Reading 3.00 Units

Improved analytical reading and critical thinking required for reading college textbooks as well as works of literature.

Associate Degree Applicable

Course credit transfers to CSU.

PREREQUISITE: READ 078X2 or eligibility for

READ 100 as determined through the Crafton Hills College assessment process

1014 91 TTH 09:00a-10:20a LEC 3.00 CL-216 Lowe,L

This section is linked to ENGL 101-91. This means students enrolling in READ 100-91 (directly above) MUST ALSO ENROLL and REMAIN ENROLLED in ENGL 101-91.

RELIGIOUS STUDIES

RELIG 100 Introduction to Religious Studies 3.00 Units

Study of the major components all religions have in common, exploring such elements as the holy,sacred stories, ritual, iconography, religious leaders, scripture, morality and ethics, individual and community in religious tradition, the arts and media, and phenomenology.

Associate Degree Applicable

Course credit transfers to both CSU and UC.

PREREQUISITE: ENGL 015 or eligibility for ENGL 101 as determined through the Crafton Hills College assessment process

1016 40 W 03:00p-05:50p LEC 3.00 LADM-121 Franko,K

RELIG 101 Introduction to World Religions 3.00 Units
 Survey of the major world religions with particular attention to Hindu, Daoist, Confucian, Judaic, Christian, Buddhist, and Islamic traditions.
 (Formerly RELIG-101H)
 Associate Degree Applicable
 Course credit transfers to both CSU and UC.
 PREREQUISITE: ENGL 015 or eligibility for ENGL 101 as determined through the Crafton Hills College assessment process

1018 35 TTH 01:00p-02:50p LEC 3.00 LRC-231 Brink,T
 Note: Ref. No. 1018 - 13 week class: 09/17 - 12/12

RELIG 101H Introduction to World Religions-Honors 3.00 Units
 Survey of the major world religions with particular attention to Hindu, Daoist, Confucian, Judaic, Christian, Buddhist, and Islamic traditions. This course includes content and experiences appropriate for students wishing to earn honors credit.
 Associate Degree Applicable
 Course credit transfers to both CSU and UC.
 PREREQUISITE: Acceptance into the College Honors Institute

1020 35 TTH 01:00p-02:50p LEC 3.00 LRC-231 Brink,T
 Note: Ref. No. 1020 - 13 week class: 09/17 - 12/12

RELIG 176 Jesus and His Interpreters 3.00 Units
 Study of images and interpretations of Jesus.
 Associate Degree Applicable
 Course credit transfers to both CSU and UC.
 DEPARTMENTAL RECOMMENDATIONS: ENGL 101; Reading: Pass a standardized test of reading comprehension at or above the 12th grade level

1022 20 MWF 11:00a-11:50a LEC 3.00 LADM-304 Bridges,A

RESPIRATORY CARE

RESP 050 Introduction to Respiratory Care 2.00 Units
 Introduction and orientation to the field of respiratory care.
 Associate Degree Applicable

1024 35 TTH 01:00p-02:50p LEC 2.00 CHS-127 Franklin,B
 Note: Ref. No. 1024 - 9 week class: 10/15 - 12/10

1026 45 TTH 03:00p-04:50p LEC 2.00 CHS-127 Franklin,B
 Note: Ref. No. 1026 - 8 week class: 08/20 - 10/10

RESP 109A Clinical Refresher: Clinical Application I 1.75 Units
 Continued clinical application of diagnostic techniques, equipment, medications, and procedures based on the national Clinical Practice Guidelines as well as local standards of practice.
 Graded on Credit/No Credit basis only.
 (Formerly RESP-109AX2)
 Associate Degree Applicable
 PREREQUISITE: RESP 133

1028 95 ARR .81 HRS/WK LEC 1.75 OFFH-HOSP Bell,R
 ARR 5.68 HRS/WK CLINC OFFH-HOSP Bell,R
 Note: Ref. No. 1028 will be held at Area Hospitals in Off-Campus Hospital.

RESP 130 Fundamentals of Respiratory Care I 4.00 Units

Theoretical application of diagnostic techniques, equipment, and procedures based on the national Clinical Practice Guidelines as well as local standards of practice.

Associate Degree Applicable

PREREQUISITE: Acceptance into Respiratory Care Program

COREQUISITE: RESP 131, RESP 132, RESP 133

1030 05 TTH 08:00a-09:50a LEC 4.00 CHS-123 Bell,R

RESP 131 Fundamentals of Respiratory Care Skills I 11.00 Units

Laboratory application of diagnostic techniques, equipment, medications, and procedures based on the national Clinical Practice Guidelines as well as local standards of practice

Associate Degree Applicable

PREREQUISITE: Acceptance into Respiratory Care Program

COREQUISITE: RESP 130, RESP 132, RESP 133

1032 01 MF 08:00a-11:50a LEC 11.00 CHS-123 Bryson,K
Contreras,A
MF 01:00p-04:50p LAB CHS-123 Bell,R
Bryson,K
Contreras,A
Sheahan,M

RESP 132 Pulmonary Assessment 4.25 Units

Preparation for the patient encounter through the understanding of basic interviewing and assessing techniques essential to the safe and effective practice of respiratory care.

Associate Degree Applicable

PREREQUISITE: Acceptance into Respiratory Care Program

COREQUISITE: RESP 130, RESP 131, RESP 133

1034 15 TTH 10:00a-11:50a LEC 4.25 CHS-123 Franklin,B

RESP 133 Respiratory Care Clinical Application I 1.25 Units

Clinical application of diagnostic techniques, equipment, medications, and procedures based on the national Clinical Practice Guidelines as well as local standards of practice.

Associate Degree Applicable

PREREQUISITE: Acceptance into Respiratory Care Program

COREQUISITE: RESP 130, RESP 131, RESP 132

1036 95 ARR .5 HRS/WK LEC 1.25 OFFC-CLNC Bell,R
ARR 3.5 HRS/WK CLINC OFFC-CLNC Bell,R

Note: Ref. No. 1036 will be held at Clinic in Off-Campus Clinic.

RESP 234 Advanced Theory of Respiratory Care II 4.00 Units

Advanced theory, including oxygen transport, acid-base balance, renal function, electrolyte assessment, nutrition, pulmonary function testing, and pulmonary pathologies.

Associate Degree Applicable

PREREQUISITE: Acceptance into Respiratory Care Program

COREQUISITE: RESP 235, RESP 236, RESP 237, RESP 238X4

1038 05 TTH 08:00a-09:50a LEC 4.00 CHS-127 Contreras,A

RESP 235 Physiologic Basis of Respiratory Disease II 5.00 Units

Further presentation of applied cardiopulmonary, renal, and neuro-pathophysiology related to the diagnosis and treatment of diseases the therapist will encounter in the clinical setting.

Associate Degree Applicable

PREREQUISITE: Acceptance into Respiratory Care Program

COREQUISITE: RESP 234, RESP 236, RESP 237, RESP 238X4

1040 15 TTH 10:00a-12:20p LEC 5.00 CHS-127 Sheahan,M

RESP 236 Advanced Respiratory Care Clinical Application II 7.50 Units

Continued clinical application of advanced-level skills learned in the laboratory and theory classes.

Associate Degree Applicable

PREREQUISITE: Acceptance into Respiratory Care Program

COREQUISITE: RESP 234, RESP 235, RESP 237, RESP 238X4

1042 95 ARR 2.25 HRS/WK LEC 7.50 OFFC-CLNC Bell,R
Franklin,B
Sheahan,M
ARR 20.25 HRS/WK CLINC OFFC-CLNC Bell,R
Franklin,B
Sheahan,M

Note: Ref. No. 1042 will be held at Clinic in Off-Campus Clinic.

RESP 237 Advanced Respiratory Care Skills Laboratory II 5.25 Units

Exposure to new procedures and the improvement of skills based on assessment of individual student performance. Specialized instruction to strenghten identified competencies as final preparation for professional practice, as well as Certification in Advanced Cardiac Life Support.

Associate Degree Applicable

PREREQUISITE: Acceptance into Respiratory Care Program

COREQUISITE: RESP 234, RESP 235, RESP 236, RESP 238X4

1044 01 W 08:00a-11:50a LEC 5.25 CHS-123 Contreras,A
Franklin,B
Sheahan,M
W 01:00p-04:50p LAB CHS-123 Bell,R
Bryson,K
Contreras,A
Franklin,B
Sheahan,M

Entry Level and Advanced Practitioner

RESP 238 Examinations: Review and Seminar 5.00 Units

Preparation for the National Board for Respiratory Care's Entry Level, WRRT Examination, and CSE. Discussion of examination structure, content, examination site requirements, and review of sample test questions.

(Formerly RESP-238X4)

Associate Degree Applicable

PREREQUISITE: Acceptance into the Respiratory Care Program

COREQUISITE: RESP 234, RESP 235, RESP 236, RESP 237

1046 25 TTH 01:00p-02:50p LEC 5.00 CHS-123 Bryson,K
ARR 2.25 HRS/WK LAB CHS-123 Bryson,K

SOCIOLOGY

SOC 100 Introduction to Sociology 3.00 Units

Survey of concepts and theories of society and culture, social organizations, social stratifications, social change, and social policy.

Associate Degree Applicable

Course credit transfers to both CSU and UC.

1048	01	MW	07:30a-08:50a	LEC	3.00	LADM-121	Shelby,P
1050	10	MW	09:00a-10:20a	LEC	3.00	LADM-121	Shelby,P
1052	35	TTH	11:00a-12:20p	LEC	3.00	LRC-231	McKee,J
1054	70	ARR	3 HRS/WK	LEC	3.00		Pritchard,B

This class (section 70) is an online course with no on-campus meetings.

Participation in this online class requires that students have access to a computer that is connected to the Internet and has a CD-ROM drive and speakers or headphones. Students with no previous experience in online/hybrid courses are encouraged to enroll in CHC 062 (formerly CIS 062), Introduction to Online Learning.

1056	50	MW	05:00p-06:50p	LEC	3.00	BC-101	McKee,J
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Note: Ref. No. 1056 - 13 week class: 09/16 - 12/11

1058	60	M	07:00p-09:50p	LEC	3.00	BC-101	McKee,J
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SOC 100H Introduction to Sociology-Honors 3.00 Units

Survey of the concepts and theories of society and culture, social organizations, social stratifications, social change, and social policy. This course includes content and experiences appropriate for students wishing to earn honors credit.

Associate Degree Applicable

Course credit transfers to both CSU and UC.

PREREQUISITE: Acceptance into the College Honors Institute

1060	35	TTH	11:00a-12:20p	LEC	3.00	LRC-231	McKee,J
1062	50	MW	05:00p-06:50p	LEC	3.00	BC-101	McKee,J

Note: Ref. No. 1062 - 13 week class: 09/16 - 12/11

1064	60	M	07:00p-09:50p	LEC	3.00	BC-101	McKee,J
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SOC 105 Social Problems 3.00 Units

Sociological study of contemporary social problems in the United States, such as drug and alcohol use/abuse, violence, racial and ethnic tensions, poverty, ageism, sexual orientation, unemployment, education, population and urbanization, environment, technology, and war.

Associate Degree Applicable

Course credit transfers to both CSU and UC.

DEPARTMENTAL RECOMMENDATIONS: Successful completion of SOC 100 or SOC 100H. Eligibility for ENGL 101. Eligibility for MATH 090.

1066	55	TTH	05:30p-06:50p	LEC	3.00	LADM-304	Baez,M
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SOC 141 Minority Relations 3.00 Units

Sociological study of minority status and diversity in American society.

Associate Degree Applicable

Course credit transfers to both CSU and UC.

DEPARTMENTAL RECOMMENDATIONS: Successful completion of SOC 100 or SOC 100H.

1068	35	TTH	01:30p-02:50p	LEC	3.00	LADM-304	McKee,J
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SOC 150 Gerontology 3.00 Units

Examination of aging and the life course.

(Formerly PSYCH-150)

Associate Degree Applicable

Course credit transfers to both CSU and UC.

DEPARTMENTAL RECOMMENDATIONS: Successful completion of SOC 100

or SOC 100H. Eligibility for ENGL 101. Eligibility for MATH 090.

1070 60 W 07:00p-09:50p LEC 3.00 LADM-304 McKee

SPANISH

SPAN 101 College Spanish I 5.00 Units

Introductory course beginning the development of the student's listening, speaking, reading and writing skills in Spanish. NOTE: This course corresponds to the first year of high school Spanish.

Associate Degree Applicable

Course credit limited transfer CSU & UC.

Contact a counselor for details.

1072 10 MW 09:30a-11:50a LEC 5.00 CL-106 Kozanova,M
1074 05 TTH 08:00a-10:20a LEC 5.00 CL-106 Kozanova,M
1076 35 TTH 01:00p-03:20p LEC 5.00 CL-106 Schmidt,J
1078 60 MW 07:00p-09:20p LEC 5.00 CL-106 Ballester,M
1080 55 TTH 04:00p-06:20p LEC 5.00 CL-106 Schmidt,J

SPAN 102 College Spanish II 5.00 Units

A continuation of SPAN 101. Further development of the student's listening, speaking, reading and writing skills in Spanish. NOTE: This course corresponds to the second year of high school Spanish.

Associate Degree Applicable

Course credit limited transfer CSU & UC.

Contact a counselor for details.

PREREQUISITE: SPAN 101

1082 30 MW 01:00p-03:20p LEC 5.00 CL-106 Schmidt,J
1084 15 TTH 10:30a-12:50p LEC 5.00 CL-106 Kozanova,M

SPAN 103 College Spanish III 5.00 Units

A continuation of SPAN 102. Further development of the student's listening, speaking, reading, and writing skills in Spanish.

Associate Degree Applicable

Course credit limited transfer CSU & UC.

Contact a counselor for details.

PREREQUISITE: SPAN 102

1086 30 MW 01:00p-03:20p LEC 5.00 CL-107 Kozanova,M

THEATRE ARTS

THART 100 Introduction to Theatre 3.00 Units

Course designed to develop an appreciation of the theatre for majors and non-majors.

Introduction to the basic elements of play production including playwriting, producing, acting, directing, set design, costume design and lighting design.

Associate Degree Applicable

Course credit transfers to both CSU and UC.

1088 10 MW 01:00p-02:20p LEC 3.00 PAC-309 Bryant,T
1090 15 TTH 09:30a-10:50a LEC 3.00 PAC-309 Bryant,T
1092 60 W 07:00p-09:50p LEC 3.00 PAC-309 Gross,N

THART 100H Introduction to Theatre-Honors 3.00 Units

Survey course designed to develop an appreciation of the theatre for majors and non-majors. Introduction to the basic elements of play production including playwriting, producing, acting, directing, set design, costume design and lighting design. This course includes content and experiences appropriate for students wishing to earn honors credit.

Associate Degree Applicable

Course credit transfers to both CSU and UC.

PREREQUISITE: Acceptance into the College Honors Institute

1094	10	MW	01:00p-02:20p	LEC	3.00	PAC-309	Bryant,T
1096	15	TTH	09:30a-10:50a	LEC	3.00	PAC-309	Bryant,T

THART 108 World Drama I 3.00 Units

Survey of the history of theater from its earliest origins in 6th century B.C.E. to the Elizabethan period in the 1500-1600's.

This course is also offered as ENGL-108.

Associate Degree Applicable

Course credit transfers to both CSU and UC.

1098	25	TTH	11:00a-12:20p	LEC	3.00	PAC-309	Bryant,T
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THART 120 Beginning Acting 3.00 Units

Introductory instruction in acting techniques.

Associate Degree Applicable

Course credit transfers to both CSU and UC.

1100	35	TTH	01:00p-02:20p	LEC	3.00	PAC-219	Bryant,T
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THART 124X2 Beginning Performance Workshop 3.00 Units

Beginning preparation, rehearsal, production and performance of plays, musicals and dance performances.

Associate Degree Applicable

Course credit transfers to both CSU and UC.

Note: THART 124X2 may be taken 2 times

COREQUISITE: THART 134X4

1102	95	M	07:00p-09:50p	LEC	3.00	PAC-101	Bryant,T
		M	07:00p-09:50p	LEC		PAC-101	Bryant,T
		ARR	.65 HRS/WK	LEC		PAC-101	Bryant,T
		ARR	6 HRS/WK	LAB		PAC-101	Bryant,T

Note: Ref. No. 1102 - 17 week class: 08/26 - 12/20

NOTE: This course includes performance experiences in a variety of theatrical productions and projects at Crafton Hills College. All students must attend a MANDATORY orientation during the first class session (August 26) and participate in auditions on September 9th to successfully complete the course. Please contact Tom Bryant at tbryant@craftonhills.edu or 909-389-3296 for more information.

1104	96	M	07:00p-09:50p	LEC	3.00	PAC-101	Bryant,T
		M	07:00p-09:50p	LEC		PAC-101	Bryant,T
		ARR	.65 HRS/WK	LEC		PAC-101	Bryant,T
		ARR	6 HRS/WK	LAB		PAC-101	Levy,S

Note: Ref. No. 1104 - 17 week class: 08/26 - 12/20

NOTE: This course includes performance experiences in a variety of theatrical productions and projects at Crafton Hills College. All students must attend a MANDATORY orientation during the first class session (August 26) and participate in auditions on

September 9th to successfully complete the course. Please contact Tom Bryant at tbryant@craftonhills.edu or 909-389-3296 for more information.

THART 133 Audition Techniques 1.00 Units

Introduction to the basics of auditioning as a means of getting roles in plays or musicals.

Associate Degree Applicable
Course credit transfers to both CSU and UC.

1106	85	S	08:00a-11:50a LEC	1.00	PAC-309	Bryant,T Levy,S
		S	01:00p-04:50p LEC		PAC-309	Bryant,T Levy,S
		S	08:00a-11:50a LEC		PAC-309	Bryant,T Levy,S
		S	01:00p-04:50p LEC		PAC-309	Bryant,T Levy,S

Note: Ref. No. 1106 - 2 week class: 09/07 - 09/14

THART 134X4 Technical Theatre Workshop 1.00 Units

Supervised participation in technical theatre roles associated with the preparation, rehearsal and production of plays, musicals and dance performances.

Associate Degree Applicable
Course credit transfers to both CSU and UC.

Note: THART 134X4 may be taken 4 times

1108	95	ARR	3 HRS/WK	LAB	1.00	PAC-101	Staff
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Note: Ref. No. 1108 - 17 week class: 08/26 - 12/20

NOTE: This course includes technical theatre work in a variety of theatrical productions and projects at Crafton Hills College. All students must attend a MANDATORY orientation on August 26th at 07:00pm to successfully complete the course. Please contact Tom Bryant at tbryant@craftonhills.edu or 909-389-3296 for more information.

THART 140X2 Intermediate Performance Workshop 3.00 Units

Intermediate preparation, rehearsal, production and performance of plays, musicals, and dance performances.

(Formerly THART-140X4, MUSIC-140X4)
Associate Degree Applicable
Course credit transfers to both CSU and UC.

Note: THART 140X2 may be taken 2 times

PREREQUISITE: THART 124X2

1110	95	M	07:00p-09:50p	LEC	3.00	PAC-101	Bryant,T
		M	07:00p-09:50p	LEC		PAC-101	Bryant,T
		ARR	.65 HRS/WK	LEC		PAC-101	Bryant,T
		ARR	6 HRS/WK	LAB		PAC-101	Bryant,T

Note: Ref. No. 1110 - 17 week class: 08/26 - 12/20

NOTE: This course includes performance experiences in a variety of theatrical productions and projects at Crafton Hills College. All students must attend a MANDATORY orientation during the first class session (August 26) and participate in auditions on September 9th to successfully complete the course. Please contact Tom Bryant at tbryant@craftonhills.edu or 909-389-3296 for more information.

THART 140X2 Intermediate Performance Worskhop 3.00 Units

1112 96 M 07:00p-09:50p LEC 3.00 PAC-101 Bryant,T
 M 07:00p-09:50p LEC PAC-101 Bryant,T
 ARR .65 HRS/WK LEC PAC-101 Bryant,T
 ARR 6 HRS/WK LAB PAC-101 Levy,S

Note: Ref. No. 1112 - 17 week class: 08/26 - 12/20

NOTE: This course includes performance experiences in a variety of theatrical productions and projects at Crafton Hills College. All students must attend a MANDATORY orientation during the first class session (August 26) and participate in auditions on September 9th to successfully complete the course. Please contact Tom Bryant at tbryant@craftonhills.edu or 909-389-3296 for more information.

THART 145 Advanced Theatre Practicum I 3.00 Units

Participation in a variety of advanced activities associated with the preparation, rehearsal, production and performance of plays, musicals and dance performances including playwriting, performance, design or directing.

(Formerly THART-145X4)

Associate Degree Applicable

Course credit transfers to both CSU and UC.

DEPARTMENTAL RECOMMENDATION: Successful completion of THART 140X2 or THART 134X4

1114 95 ARR 1.05 HRS/WK LEC 3.00 PAC-101 Bryant,T
 ARR 6.35 HRS/WK LAB PAC-101 Bryant,T

Note: Ref. No. 1114 - 17 week class: 08/26 - 12/20

THART 176 Fundamentals of Stagecraft I 3.00 Units

Introduction to technical theatre. Study of the history, theory and practice of theatrical production in areas including stage management, properties, costume and make-up design and construction.

(Formerly THART-176X4)

Associate Degree Applicable

Course credit transfers to both CSU and UC.

1118 50 MW 05:00p-06:10p LEC 3.00 PAC-101 Staff
 MW 06:11p-06:50p LAB PAC-101 Staff

Note: Ref. No. 1118 - 17 week class: 08/26 - 12/18

THART 226 Play and Screenplay Analysis 3.00 Units

Techniques of analysis necessary to understand the structure, construction and formats of plays and screenplays.

This course is also offered as ENGL-226.

Associate Degree Applicable

Course credit transfers to both CSU and UC.

PREREQUISITE: ENGL 010 or eligibility for ENGL 101 as determined through the Crafton Hills College assessment process

1120 10 MW 09:30a-10:50a LEC 3.00 PAC-309 Bryant,T

THART 245 Advanced Theatre Practicum II 3.00 Units

Participation in a variety of advanced activities associated with the preparation, rehearsal, production and performance of plays, musicals and dance performances including playwriting, performance, design or directing.

Associate Degree Applicable

Course credit transfers to CSU.

PREREQUISITE: THART 145

1122 95 ARR 1.05 HRS/WK LEC 3.00 PAC-101 Bryant,T
ARR 6.35 HRS/WK LAB PAC-101 Bryant,T

Note: Ref. No. 1122 - 17 week class: 08/26 - 12/20

THART 246A Special Projects in Theatre Arts 1.00 Units

Laboratory projects for selected students in any area of theatre, with projects determined jointly by instructor and student.

(Formerly THART-246X4)

Associate Degree Applicable

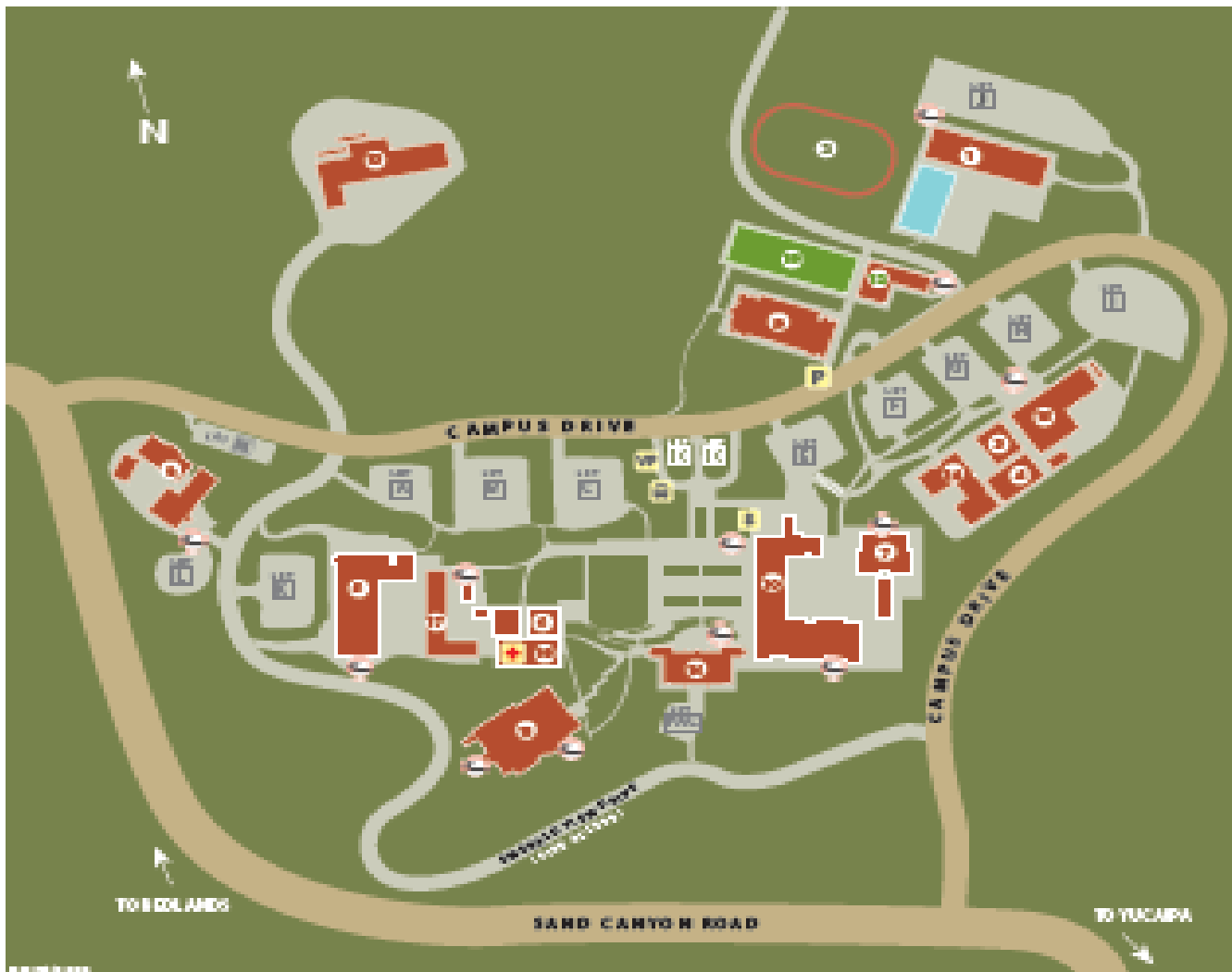
Course credit transfers to CSU.

Limited transfer to UC; credit determined after transfer to UC.


1124 95 ARR 3 HRS/WK DIR 1.00 PAC-101 Bryant,T


Note: Ref. No. 1124 - 17 week class: 08/26 - 12/20

CAMPUS DIRECTORY



-  ATM
-  Bus Stop
-  Nurse's Station
-  Police/Security
-  Visitor Parking

 **Parking Permits (Daily)**
 Parking permits/decals are required to park in all parking lots and on all college streets.
 Daily parking permits available in all lots.
 Parking in disabled stalls requires a valid California disabled placard and a valid SBCCD parking permit/decals.

 **Smoking Areas**
 This is a smoke-free campus. Smoking in non-designated areas or buildings may result in the issuance of a citation (Board Policy #3570; Government Code #7507).

District Police (909) 389-3275

1	AQUATIC CENTER	AC
2	ATHLETIC FIELD	AF
3	BC CLASSROOM BUILDING	BC
4	BOOKSTORE	BK
5	STUDENT CENTER/CAFETERIA	SCC
	Student Senate	
6	CL CLASSROOM BUILDING	CL
	Financial Aid	
7	CHEMISTRY/HEALTH SCIENCES	CHS
8	CHILD DEVELOPMENT CENTER	CDC
9	GYMNASIUM	G
	POLICE	
10	LABORATORY/ADMINISTRATION	LADM
	Campus Business Office	
	Parking Permits (Semester/Annual)	

11	LEARNING RESOURCE CENTER	LRC
	Copy Center	Multi-purpose Rooms
	Gallery	Teaching Center
	Lecture Hall	Tutoring Center
	Library	
12	MATH & SCIENCE ANNEX	MSA
13	MAINTENANCE & OPERATIONS/ SHIPPING & RECEIVING	
14	OCCUPATION EDUCATION 1	OET1
15	OCCUPATION EDUCATION 2	OET2
16	PERFORMING ARTS CENTER	PAC
17	STUDENT SERVICES A	SSA
	Admissions & Records	EOPS
18	STUDENT SERVICES B	SSB
	Counseling	Health & Wellness Center
	Disabled Student Services	
19	TENNIS COURTS	TC-CRTS