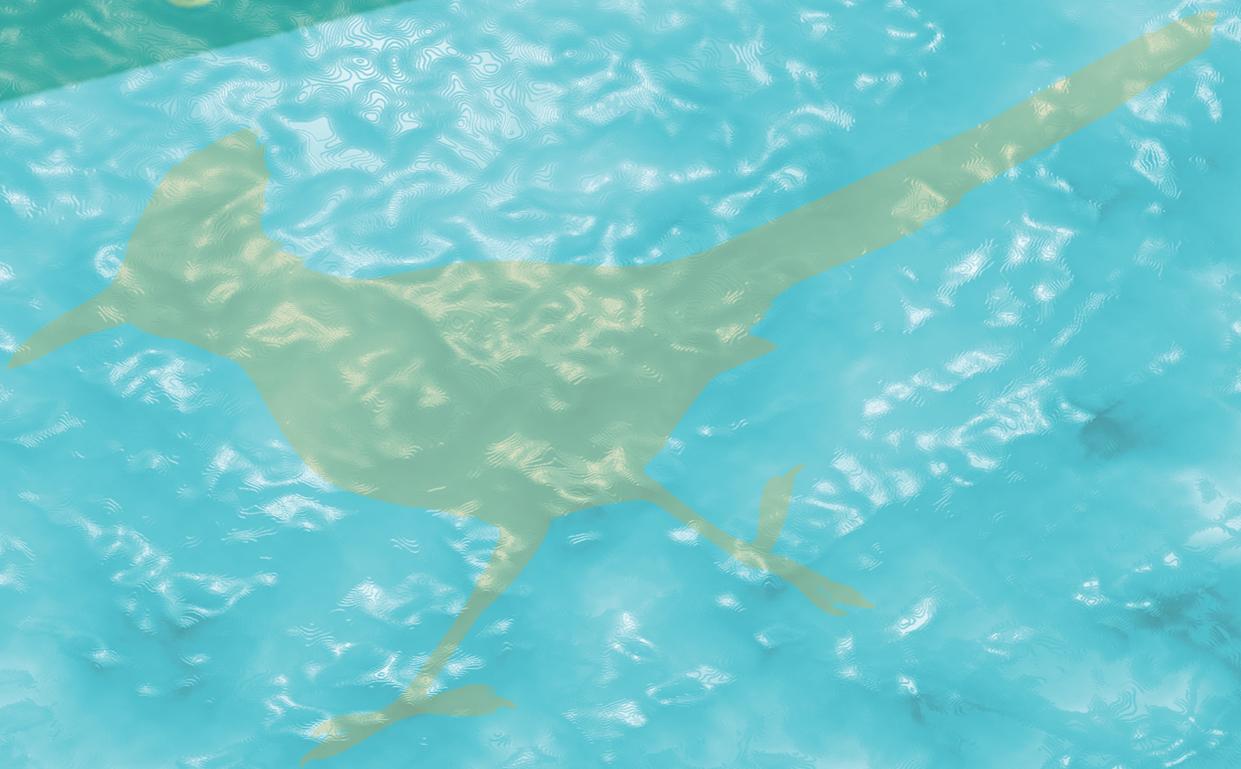


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SUMMER

CLASS SCHEDULE 2014

Crafton Hills
COLLEGE



SUMMER SESSION STARTS

JUNE 2 - AUGUST 7 10 WEEK SESSION

JUNE 2 - JULY 3 5 WEEK SESSION

JULY 7 - AUGUST 7 5 WEEK SESSION

Welcome Students



Dear Student:

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

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.

Sincerely,

Cheryl Marshall
Interim President

Cover artwork by John Gutierrez

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	SSA-306	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

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 01 MTWTH 09:00a-10:25a LEC 4.00 LADM-217 Allison, G
Note: Ref. No. 0002 - 10 week class: 06/02 - 08/07

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.

0004 01 TWTH 03:30p-05:00p LEC 3.00 CHS-122 Clarke, S
Note: Ref. No. 0004 - 10 week class: 06/03 - 08/07

0006 70 ARR 4.8 HRS/WK LEC 3.00 Clarke, S
Note: Ref. No. 0006 - 10 week class: 06/02 - 08/07

This is an online class with no on-campus meetings. Participation in this class requires the student to have regular access to a computer, tablet or similar device with internet connectivity and Blackboard (Bb) capability. On the first day of class students must log into Bb to access this course and receive initial information from the instructor (typically located on the announcement page of the course). Students with no previous experience in online/hybrid courses are encouraged to enroll in CHC 062, Introduction to Online Learning.

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

0008 02 TWTH 08:30a-10:30a LEC 4.00 BC-105 Staff
Note: Ref. No. 0008 - 10 week class: 06/03 - 08/07

0010 01 MTW 06:00p-08:00p LEC 4.00 BC-106 Soza, K

Note: Ref. No. 0010 - 10 week class: 06/02 - 08/06

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

0012 01 TWTH 11:00a-01:00p LEC 4.00 BC-106 Staff

Note: Ref. No. 0012 - 10 week class: 06/03 - 08/07

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.

0014 01 MTWTH 11:00a-12:05p LEC 4.00 LADM-224 Musch, G
TTH 08:00a-10:20a LAB LADM-225 Musch, G

Note: Ref. No. 0014 - 10 week class: 06/02 - 08/07

0016 02 MTWTH 11:00a-12:05p LEC 4.00 LADM-224 Musch, G
TTH 12:30p-02:50p LAB LADM-225 Musch, G

Note: Ref. No. 0016 - 10 week class: 06/02 - 08/07

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.

0018 01 MTWTH 09:30a-10:35a LEC 4.00 LADM-224 Truong, S
MW 07:00a-09:20a LAB LADM-225 Truong, S

Note: Ref. No. 0018 - 10 week class: 06/02 - 08/07

0020 02 MTWTH 09:30a-10:35a LEC 4.00 LADM-224 Truong, S
MW 11:00a-01:20p LAB LADM-225 Truong, S

Note: Ref. No. 0020 - 10 week class: 06/02 - 08/07

0022 03 MTWTH 06:00p-07:05p LEC 4.00 LADM-224 Johnsen, T
MTWTH 07:15p-08:20p LAB LADM-225 Johnsen, T

Note: Ref. No. 0022 - 10 week class: 06/02 - 08/07

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

0024 01 TWTH 07:30a-10:40a LEC 3.00 BC-101 Hadden, J

Note: Ref. No. 0024 - 5 week class: 07/08 - 08/07

ANTHRO 102H Cultural Anthropology-Honors 3.00 Units

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

0026 01 TWTH 07:30a-10:40a LEC 3.00 BC-101 Hadden, J

Note: Ref. No. 0026 - 5 week class: 07/08 - 08/07

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.

0028 01 MTW 11:00a-01:30p LEC 5.00 BC-105 Harmoush, M

Note: Ref. No. 0028 - 10 week class: 06/02 - 08/06

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.

0030 70 ARR 9.6 HRS/WK LEC 3.00 McCambly, J

Note: Ref. No. 0030 - 5 week class: 06/02 - 07/03

NOTE: This is an online class with no on-campus meetings. Participation in this class requires the student to have regular access to a computer, tablet or similar device with internet connectivity and Blackboard (Bb) capability. On the first day of class students must log into Bb to access this course and receive initial information from the instructor (typically located on the announcement page of the course). Students with no previous experience in online/hybrid courses are encouraged to enroll in CHC 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.

0032 70 ARR 9.6 HRS/WK LEC 3.00 McCambly, J

Note: Ref. No. 0032 - 5 week class: 07/07 - 08/07

This is an online class with no on-campus meetings. Participation in this class requires the student to have regular access to a computer, tablet or similar device with internet connectivity and Blackboard (Bb) capability. On the first day of class students must log into Bb to access this course and receive initial information from the instructor (typically located on the announcement page of the course). Students with no previous experience in online/hybrid courses are encouraged to enroll in CHC 062, Introduction to Online Learning.

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

0034 01 MTWTH 08:00a-08:45a LEC 3.00 OE1-101 Staff
MTWTH 09:00a-10:30a LAB OE1-101 Staff

Note: Ref. No. 0034 - 10 week class: 06/02 - 08/07

ART 125 Drawing II 3.00 Units

A continuation of ART 124. Review of essential concepts and skills of drawing and development of intermediate-level drawing skills.

Associate Degree Applicable

Course credit transfers to both CSU and UC.

PREREQUISITE: ART 124

0036 01 MTWTH 08:00a-08:45a LEC 3.00 OE1-101 Staff
MTWTH 09:00a-10:30a LAB OE1-101 Staff

Note: Ref. No. 0036 - 10 week class: 06/02 - 08/07

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

0038 01 MTWTH 11:00a-11:45a LEC 3.00 OE1-130 Staff
MTWTH 12:00p-01:30p LAB OE1-130 Staff

Note: Ref. No. 0038 - 10 week class: 06/02 - 08/07

ART 226 Painting II 3.00 Units

A continuation of ART 126. Review of essential concepts and skills of painting and development of intermediate-level painting skills.

Associate Degree Applicable
 Course credit transfers to both CSU and UC.
 PREREQUISITE: ART 126

0040	01	MTWTH	11:00a-11:45a	LEC	3.00	OE1-130	Staff
		MTWTH	12:00p-01:30p	LAB		OE1-130	Staff

Note: Ref. No. 0040 - 10 week class: 06/02 - 08/07

Biology

BIOL 100	General Biology						4.00 Units
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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.

0042	01	MTWTH	07:00a-09:20a	LEC	4.00	LADM-224	Purves, D
		MW	10:00a-02:50p	LAB		LADM-211	Purves, D

Note: Ref. No. 0042 - 5 week class: 06/02 - 07/03

0044	02	MTWTH	07:00a-09:20a	LEC	4.00	LADM-224	Purves, D
		TTH	10:00a-02:50p	LAB		LADM-211	Purves, D

Note: Ref. No. 0044 - 5 week class: 06/02 - 07/03

Business Administration

BUSAD 100	Introduction to Business						3.00 Units
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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

0046	01	TWTH	06:00p-09:20p	LEC	3.00	LADM-304	Nelson, W
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Note: Ref. No. 0046 - 5 week class: 06/03 - 07/03

Chemistry

CHEM 101	Introduction to Chemistry						4.00 Units
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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.

0048	01	MTWTH	07:30a-09:50a	LEC	4.00	CHS-242	Staff
		MW	10:00a-02:50p	LAB		CHS-232	Staff

Note: Ref. No. 0048 - 5 week class: 07/07 - 08/07

0050	02	MTWTH	07:30a-09:50a	LEC	4.00	CHS-242	Staff
		TTH	10:00a-02:50p	LAB		CHS-232	Staff

Note: Ref. No. 0050 - 5 week class: 07/07 - 08/07

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

0052	01	MTWTH	07:00a-09:20a	LEC	4.00	CHS-237	Boebinger, K
		MTWTH	09:25a-11:50a	LAB		CHS-238	Boebinger, K

Note: Ref. No. 0052 - 5 week class: 07/07 - 08/07

CHEM 123 Chemistry for Everyone **3.00 Units**

Chemistry for the non-science major. Presentation of the world of chemistry from the viewpoint of the consumer and citizen. Topics include fundamental principles of chemistry, air and water pollution, nuclear and alternative energy sources, and forensic science.

Associate Degree Applicable

Course credit transfers to both CSU and UC.

0054	70	ARR	9.6 HRS/WK	LEC	3.00		Boebinger, K
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Note: Ref. No. 0054 - 5 week class: 06/02 - 07/03

This is an online class with no on-campus meetings. Participation in this class requires the student to have regular access to a computer, tablet or similar device with internet connectivity and Blackboard (Bb) capability. On the first day of class students must log into Bb to access this course and receive initial information from the instructor (typically located on the announcement page of the course). Students with no previous experience in online/hybrid courses are encouraged to enroll in CHC 062, Introduction to Online Learning.

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. This course is also offered as CHEM-150H.

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

0056	01	MTWTH	08:00a-09:05a	LEC	5.00	LADM-211	Spencer, E
		MTWTH	09:20a-11:40a	LAB		LADM-201	Spencer, E

Note: Ref. No. 0056 - 10 week class: 06/02 - 08/07

Child Development

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.

0058 03 MTWTH 11:00a-01:20p LEC 3.00 LADM-304 McLaren, M

Note: Ref. No. 0058 - 5 week class: 06/02 - 07/03

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

0060 70 ARR 3.6 HRS/WK LEC 1.00 Staff

Note: Ref. No. 0060 - 5 week class: 06/02 - 07/03

This is an online class with no on-campus meetings. Participation in this class requires the student to have regular access to a computer, tablet or similar device with internet connectivity and Blackboard (Bb) capability. On the first day of class students must log into Bb to access this course and receive initial information from the instructor (typically located on the announcement page of the course).

0062 71 ARR 3.6 HRS/WK LEC 1.00 Staff

Note: Ref. No. 0062 - 5 week class: 07/07 - 08/07

This is an online class with no on-campus meetings. Participation in this class requires the student to have regular access to a computer, tablet or similar device with internet connectivity and Blackboard (Bb) capability. On the first day of class students must log into Bb to access this course and receive initial information from the instructor (typically located on the announcement page of the course).

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

0064 01 MTWTH 08:30a-10:50a LEC 3.00 BC-106 O'Shaughnessy, V

Note: Ref. No. 0064 - 5 week class: 06/02 - 07/03

0066 70 M 01:00p-04:50p LEC 3.00 BC-106 Urbanovich, J

06/03/14

M	01:00p-04:50p	LEC	BC-106	Urbanovich, J
	06/10/14			
M	01:00p-04:50p	LEC	BC-106	Urbanovich, J
	06/17/14			
M	01:00p-04:50p	LEC	BC-106	Urbanovich, J
	06/24/14			
M	01:00p-04:50p	LEC	BC-106	Urbanovich, J
ARR	6 HRS/WK	LEC		Urbanovich, J

Note: Ref. No. 0066 - 5 week class: 06/03 - 07/03

This hybrid class includes (5) five on-campus meetings and online components. Participation in this class requires the student to have regular access to a computer, tablet or similar device with internet connectivity and Blackboard (Bb) capability. On the first day of class students must log into Bb to access this course and receive initial information from the instructor (typically located on the announcement page of the course). Students with no previous experience in online/hybrid courses are encouraged to enroll in CHC 062, Introduction to Online Learning.

0068	71	M	01:00p-04:50p	LEC	3.00	BC-106	Urbanovich, J
			07/07/14				
		M	01:00p-04:50p	LEC		BC-106	Urbanovich, J
			07/14/14				
		M	01:00p-04:50p	LEC		BC-106	Urbanovich, J
			07/21/14				
		M	01:00p-04:50p	LEC		BC-106	Urbanovich, J
			07/28/14				
		M	01:00p-04:50p	LEC		BC-106	Urbanovich, J
			08/04/14				
		ARR	6 HRS/WK	LEC			Urbanovich, J

Note: Ref. No. 0068 - 5 week class: 07/07 - 08/07

This hybrid class includes (5) five on-campus meetings and online components. Participation in this class requires the student to have regular access to a computer, tablet or similar device with internet connectivity and Blackboard (Bb) capability. On the first day of class students must log into Bb to access this course and receive initial information from the instructor (typically located on the announcement page of the course). Students with no previous experience in online/hybrid courses are encouraged to enroll in CHC 062, Introduction to Online Learning.

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

0070	01	MTWTH	08:30a-10:50a	LEC	3.00	BC-106	Shelton II, S
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Note: Ref. No. 0070 - 5 week class: 07/07 - 08/07

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

0072	01	MTWTH	08:30a-10:50a	LEC	3.00	BC-106	Shelton II, S
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Note: Ref. No. 0072 - 5 week class: 07/07 - 08/07

Computer Information Systems

CIS 091 **College Keyboarding and File Management** **2.00 Units**

 Computer keyboarding, file management and using the Internet as a research tool. Includes location of alphabetic, numeric and symbol keys by touch.
 Associate Degree Applicable

0074 01 TWTH 08:00a-08:30a LEC 2.00 LADM-101 Vasquez, A
 TWTH 08:40a-10:00a LAB LADM-101 Vasquez, A

Note: Ref. No. 0074 - 10 week class: 06/03 - 08/07

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.

0076 01 TTH 11:00a-01:20p LEC 3.00 LADM-101 Vasquez, A

Note: Ref. No. 0076 - 10 week class: 06/03 - 08/07

0078 70 ARR 4.8 HRS/WK LEC 3.00 Yau, M

Note: Ref. No. 0078 - 10 week class: 06/03 - 08/07

This is an online class with no on-campus meetings. Participation in this class requires the student to have regular access to a computer, tablet or similar device with internet connectivity and Blackboard (Bb) capability. On the first day of class students must log into Bb to access this course and receive initial information from the instructor (typically located on the announcement page of the course). Students with no previous experience in online/hybrid courses are encouraged to enroll in CHC 062, Introduction to Online Learning.

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 for industry standard certification exams.

Associate Degree Applicable
 DEPARTMENTAL RECOMMENDATION: Successful completion of CIS 101

0080 01 TWTH 06:00p-09:20p LEC 3.00 LADM-220 Romano, N

Note: Ref. No. 0080 - 5 week class: 06/03 - 07/03

CIS 163 **Introduction to Photo Shop** **3.00 Units**

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

Associate Degree Applicable
 Course credit transfers to CSU.

0082 01 TWTH 06:00p-09:20p LEC 3.00 LADM-216 Walter, M

Note: Ref. No. 0082 - 5 week class: 07/08 - 08/07

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: College Algebra or MATH 160: Precalculus or eligibility for MATH 250 as determined through the Crafton Hills College assessment process.

0084 01 MTWTH 08:30a-09:30a LEC 4.00 LADM-216 Staff
MTWTH 09:40a-10:40a LAB LADM-216 Staff

Note: Ref. No. 0084 - 10 week class: 06/02 - 08/07

NOTE: This course includes instruction equivalent to a first-semester C++ programming course.

Economics

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 accounting, the Classical and Keynesian theories, the Federal Reserve System and commercial banking. This course is also offered as ECON-200H.

Associate Degree Applicable

Course credit transfers to both CSU and UC.

DEPARTMENTAL RECOMMENDATIONS: Eligibility for ENGL 101.

Eligibility for MATH 090

0086 01 TWTH 11:00a-02:20p LEC 3.00 LRC-231 Mansourian, F

Note: Ref. No. 0086 - 5 week class: 06/03 - 07/03

ECON 201 Principles of Microeconomics 3.00 Units

An introduction to economic principles that govern production, exchange, distribution and consumption in a capitalist economy. This course is also offered as ECON-201H.

Associate Degree Applicable

Course credit transfers to both CSU and UC.

DEPARTMENTAL RECOMMENDATIONS: Eligibility for ENGL 101.

Eligibility for MATH 090

0088 01 TWTH 11:00a-02:20p LEC 3.00 LADM-304 Mansourian, F

Note: Ref. No. 0088 - 5 week class: 07/08 - 08/07

Emergency Medical Services

EMS 156 Clinical Externship for the Paramedic 2.00 Units

Coordination of advanced paramedic training within the hospital setting. Opportunity to direct and engage in emergency intervention in traumatic and medical emergencies. This portion of the program will be in a clinical setting in San Bernardino or Riverside County. Fulfills the requirements of Title 22 of the Health and Safety Code for paramedic clinical externship.

Associate Degree Applicable

Course credit transfers to CSU.

PREREQUISITES: EMS 150, EMS 151, EMS 152, EMS 153, EMS 154, and EMS 155

0090 01 ARR 11.8 HRS/WK CLINC 2.00 OFFC-CLNC Cameron, C

Note: Ref. No. 0090 - 14 week class: 06/17 - 09/09

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

0092 01 MTWTH 09:00a-09:50a LEC 3.00 LADM-112 Hardin, C
MTWTH 10:00a-10:30a LAB LADM-112 Hardin, C

Note: Ref. No. 0092 - 10 week class: 06/02 - 08/07

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

Not Applicable to the Associate Degree

COREQUISITE: READ 980

0094 90 MTWTH 09:00a-10:30a LEC 4.00 BC-104 Bartlett, R

Note: Ref. No. 0094 - 10 week class: 06/02 - 08/07

This section is linked to READ 980-90. This means students enrolling in ENGL-976-90 (directly above) must also enroll and remain enrolled in READ 980-90.

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

0096 01 MTWTH 11:00a-12:30p LEC 4.00 CL-110 Bartlett, R

Note: Ref. No. 0096 - 10 week class: 06/02 - 08/07

0098 02 TTH 06:00p-09:20p LEC 4.00 BC-104 Hayes, A

Note: Ref. No. 0098 - 10 week class: 06/03 - 08/07

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

0100 01 MTWTH 09:00a-10:30a LEC 4.00 CL-110 Papas, C
Note: Ref. No. 0100 - 10 week class: 06/02 - 08/07

0102 02 MTWTH 01:00p-02:30p LEC 4.00 BC-104 Papas, C
Note: Ref. No. 0102 - 10 week class: 06/02 - 08/07

0104 70 ARR 6.4 HRS/WK LEC 4.00 Hansler, K
Note: Ref. No. 0104 - 10 week class: 06/02 - 08/07

This is an online class with no on-campus meetings. Participation in this class requires the student to have regular access to a computer, tablet or similar device with internet connectivity and Blackboard (Bb) capability. On the first day of class students must log into Bb to access this course and receive initial information from the instructor (typically located on the announcement page of the course). Students with no previous experience in online/hybrid courses are encouraged to enroll in CHC 062, Introduction to Online Learning.

0106 03 MW 06:00p-09:20p LEC 4.00 BC-104 Kowach, M
Note: Ref. No. 0106 - 10 week class: 06/02 - 08/06

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

0105 01 MTWTH 09:00a-10:30a LEC 4.00 CL-110 Papas, C
Note: Ref. No. 0105 - 10 week class: 06/02 - 08/07

0107 02 MTWTH 01:00p-02:30p LEC 4.00 BC-104 Papas, C
Note: Ref. No. 0107 - 10 week class: 06/02 - 08/07

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 (ENG 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

0108 01 MTWTH 07:00a-08:30a LEC 4.00 CL-110 Estus, S
Note: Ref. No. 0108 - 10 week class: 06/02 - 08/07

0110 02 MTWTH 01:00p-02:30p LEC 4.00 CL-110 Hamlett, C
Note: Ref. No. 0110 - 10 week class: 06/02 - 08/07

0112 70 ARR 6.4 HRS/WK LEC 4.00 Piluso, R
Note: Ref. No. 0112 - 10 week class: 06/02 - 08/07

This is an online class with no on-campus meetings. Participation in this class requires the student to have regular access to a computer, tablet or similar device with internet connectivity and Blackboard (Bb) capability. On the first day of class students must log into Bb to access this course and receive initial information from the instructor (typically located on the announcement page of the course). Students with no previous experience in online/hybrid courses are encouraged to enroll in CHC 062, Introduction to Online Learning.

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 (ENGL101), 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

0114 01 MTWTH 01:00p-02:30p LEC 4.00 CL-110 Hamlett, C

Note: Ref. No. 0114 - 10 week class: 06/02 - 08/07

Fire Technology

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.

DEPARTMENTAL RECOMMENDATIONS: Eligibility for ENGL 101 and MATH

090 or MATH 090C as determined through the Crafton Hills College assessment process

0116 01 MW 08:00a-10:20a LEC 3.00 OE1-127 Estrada, C

Note: Ref. No. 0116 - 10 week class: 06/02 - 08/06

0118 02 TTH 11:00a-01:20p LEC 3.00 OE1-127 Estrada, C

Note: Ref. No. 0118 - 10 week class: 06/03 - 08/07

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

0120 01 TTH 08:00a-10:20a LEC 3.00 OE1-127 Estrada, C

Note: Ref. No. 0120 - 10 week class: 06/03 - 08/07

0122 02 MW 06:00p-08:20p LEC 3.00 BC-101 Overstreet-Murphy, P

Note: Ref. No. 0122 - 10 week class: 06/02 - 08/06

FIRET 102 Fire Behavior and Combustion 3.00 Units

Theory and fundamentals of how and why fires start, spread, and are controlled. An in-depth study of fire chemistry and physics, fire characteristics of materials, extinguishing agents, and fire control techniques.

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.
 Pass a standardized test of reading comprehension at or above the 12th grade level

0124 01 MW 02:00p-04:20p LEC 3.00 OE1-127 Alder, M
Note: Ref. No. 0124 - 10 week class: 06/02 - 08/06

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

0126 01 TTH 06:00p-08:20p LEC 3.00 BC-101 Gairson, P

Note: Ref. No. 0126 - 10 week class: 06/03 - 08/07

FIRET 114 Principles of Fire and Emergency 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

0128 01 MW 11:00a-01:20p LEC 3.00 OE1-127 Alder, M

Note: Ref. No. 0128 - 10 week class: 06/02 - 08/06

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

0130 01 TTH 02:00p-04:20p LEC 3.00 OE1-127 Alder, M

Note: Ref. No. 0130 - 10 week class: 06/03 - 08/07

Geology

GEOL 190 Geology of the Eastern Sierra Nevada, Northern Section 1.00 Units

Discussion and observation of the physical and historical geology and natural history of the northern part of the Sierra Nevada, including Mammoth Mountain and the Long Valley Caldera. (Formerly GEOL-190X4)

Associate Degree Applicable

Course credit transfers to CSU.

0132 01 ARR 3.2 HRS/WK LAB 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

T 07:00p-08:50p LEC LADM-106 Hughes, R

Note: Ref. No. 0132 - 10 week class: 06/02 - 08/07

NOTE: Required field trip (Friday-Sunday). All participants must pay an accommodations fee. The class will meet four (4) Tuesdays 07:00pm-08:50pm on June 10, June 17, July 22, August 05 in LAB/ADMINISTRATION BUILDING (LADM) 106. The mandatory field trips dates will be announced at the first meeting of the semester.

Health

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.

0134 01 TWTH 11:00a-02:20p LEC 3.00 LADM-121 Atkinson, A

Note: Ref. No. 0134 - 5 week class: 06/03 - 07/03

0136 70 ARR 9.6 HRS/WK LEC 3.00 Ledoux, J

Note: Ref. No. 0136 - 5 week class: 07/07 - 08/07

NOTE: This is an online class with no on-campus meetings. Participation in this class requires the student to have regular access to a computer, tablet or similar device with internet connectivity and Blackboard (Bb) capability. On the first day of class students must log into Bb to access this course and receive announcement page of the course). Students with no previous experience in online/hybrid courses are encouraged to enroll in CHC 062, Introduction to Online Learning.

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

0138 01 TWTH 11:00a-02:20p LEC 3.00 LADM-121 Atkinson, A

Note: Ref. No. 0138 - 5 week class: 07/08 - 08/07

0140 70 ARR 9.6 HRS/WK LEC 3.00 Ledoux, J

Note: Ref. No. 0140 - 5 week class: 06/02 - 07/03

This is an online class with no on-campus meetings. Participation in this class requires the student to have regular access to a computer, tablet or similar device with internet connectivity and Blackboard (Bb) capability. On the first day of class students must log into Bb to access this course and receive initial information from the instructor (typically located on the announcement page of the course). Students with no previous experience in online/hybrid courses are encouraged to enroll in CHC 062, Introduction to Online Learning.

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

0142 01 MTWTH 08:30a-10:50a LEC 3.00 LRC-231 Staff
Note: Ref. No. 0142 - 5 week class: 06/02 - 07/03

0144 70 ARR 4.8 HRS/WK LEC 3.00 Keys, S
Note: Ref. No. 0144 - 10 week class: 06/02 - 08/07

NOTE: This is an online class with no on-campus meetings. Participation in this class requires the student to have regular access to a computer, tablet or similar device with internet connectivity and Blackboard (Bb) capability. On the first day of class students must log into Bb to access this course and receive initial information from the instructor (typically located on the announcement page of the course). Students with no previous experience in online/hybrid courses are encouraged to enroll in CHC 062, Introduction to Online Learning.

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 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

0146 01 MTWTH 08:30a-10:50a LEC 3.00 LRC-231 Staff
Note: Ref. No. 0146 - 5 week class: 06/02 - 07/03

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

0148 01 MTWTH 11:00a-01:20p LEC 3.00 CHS-242 Staff
Note: Ref. No. 0148 - 5 week class: 07/07 - 08/07

0150 70 ARR 4.8 HRS/WK LEC 3.00 Madrigal, E
Note: Ref. No. 0150 - 10 week class: 06/02 - 08/07

NOTE: This is an online class with no on-campus meetings. Participation in this class requires the student to have regular access to a computer, tablet or similar device with internet connectivity and Blackboard (Bb) capability. On the first day of class students must log into Bb to access this course and receive initial information from the instructor (typically located on the announcement page of the course). Students with no previous experience in online/hybrid courses are encouraged to enroll in CHC 062, Introduction to Online Learning.

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

0152 01 MTWTH 11:00a-01:20p LEC 3.00 CHS-242 Staff
Note: Ref. No. 0152 - 5 week class: 07/07 - 08/07

Mathematics

MATH 942 Arithmetic 4.00 Units

The study of the fundamental operations involving whole numbers, fractions, and decimals.
 Not Applicable to the Associate Degree

0156 01 MTWTH 08:00a-09:05a LEC 4.00 SCC-202 Ramirez, R
 MTWTH 09:20a-10:25a LAB SCC-202 Ramirez, R
Note: Ref. No. 0156 - 10 week class: 06/02 - 08/07

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

0158 01 MTWTH 11:00a-12:30p LEC 4.00 SCC-202 Leon, R
Note: Ref. No. 0158 - 10 week class: 06/02 - 08/07

0160 02 MTWTH 06:00p-07:30p LEC 4.00 MSA-101 Clayton, M
Note: Ref. No. 0160 - 10 week class: 06/02 - 08/07

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

0162 01 MTWTH 09:00a-10:20a LEC 4.00 MSA-101 Begley, D
Note: Ref. No. 0162 - 10 week class: 06/02 - 08/07

0164 02 MTWTH 11:00a-12:20p LEC 4.00 MSA-101 Begley, D
Note: Ref. No. 0164 - 10 week class: 06/02 - 08/07

0166 04 MTWTH 06:00p-07:20p LEC 4.00 MSA-102 Bullock, S
Note: Ref. No. 0166 - 10 week class: 06/02 - 08/07

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

0168	01	MTWTH	07:30a-10:50a	LEC	4.00	CL-111	Ramirez, S
Note: Ref. No. 0168 - 5 week class: 06/02 - 07/03							
0170	02	MTWTH	09:00a-10:30a	LEC	4.00	MSA-102	Karim, F
Note: Ref. No. 0170 - 10 week class: 06/02 - 08/07							
0172	03	MTWTH	11:00a-12:30p	LEC	4.00	CL-111	Ramirez, R
Note: Ref. No. 0172 - 10 week class: 06/02 - 08/07							
0174	04	MTWTH	02:00p-03:30p	LEC	4.00	BC-105	Denson, T
Note: Ref. No. 0174 - 10 week class: 06/02 - 08/07							
0176	05	MTWTH	05:00p-08:20p	LEC	4.00	BC-105	Hanley, J
Note: Ref. No. 0176 - 5 week class: 06/02 - 07/03							

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

0178	01	MTWTH	07:30a-10:50a	LEC	4.00	CL-111	Ramirez, S
Note: Ref. No. 0178 - 5 week class: 07/07 - 08/07							
0180	02	MTWTH	11:00a-12:30p	LEC	4.00	MSA-102	Tasaka, B
Note: Ref. No. 0180 - 10 week class: 06/02 - 08/07							
0182	04	MTWTH	06:00p-07:30p	LEC	4.00	LADM-217	Chairez, O
Note: Ref. No. 0182 - 10 week class: 06/02 - 08/07							

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

0184	01	MTWTH	01:00p-02:30p	LEC	4.00	MSA-102	Chairez, O
Note: Ref. No. 0184 - 10 week class: 06/02 - 08/07							

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, MATH-110.

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

0186 01 TWTH 08:00a-10:10a LEC 4.00 CL-106 Pfahler, D

Note: Ref. No. 0186 - 10 week class: 06/03 - 08/07

0188 02 MTWTH 05:00p-08:20p LEC 4.00 BC-105 Denson, T

Note: Ref. No. 0188 - 5 week class: 07/07 - 08/07

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

0190 01 MTWTH 11:00a-12:30p LEC 4.00 LADM-217 Karim, F

Note: Ref. No. 0190 - 10 week class: 06/02 - 08/07

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

0192 01 MTWTH 01:00p-02:30p LEC 4.00 MSA-101 Roche, J

Note: Ref. No. 0192 - 10 week class: 06/02 - 08/07

Microbiology

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

0194 01 MTWTH 07:30a-08:35a LEC 5.00 MSA-102 Staff

MTWTH 09:00a-11:25a LAB MSA-109 Staff
Note: Ref. No. 0194 - 10 week class: 06/02 - 08/07

Music

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.

0196 70 ARR 9.6 HRS/WK LEC 3.00 McConnell, M

Note: Ref. No. 0196 - 5 week class: 06/02 - 07/03

This is an online class with no on-campus meetings. Participation in this class requires the student to have regular access to a computer, tablet or similar device with internet connectivity and Blackboard (Bb) capability. On the first day of class students must log into Bb to access this course and receive initial information from the instructor (typically located on the announcement page of the course). Students with no previous experience in online/hybrid courses are encouraged to enroll in CHC 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.

0198 70 ARR 9.6 HRS/WK LEC 3.00 McConnell, M

Note: Ref. No. 0198 - 5 week class: 07/07 - 08/07

This is an online class with no on-campus meetings. Participation in this class requires the student to have regular access to a computer, tablet or similar device with internet connectivity and Blackboard (Bb) capability. On the first day of class students must log into Bb to access this course and receive initial information from the instructor (typically located on the announcement page of the course). Students with no previous experience in online/hybrid courses are encouraged to enroll in CHC 062, Introduction to Online Learning.

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.

0200 01 MTWTH 08:30a-10:50a LEC 3.00 CHS-122 Staff

Note: Ref. No. 0200 - 5 week class: 07/07 - 08/07

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

0202 70 ARR 9.6 HRS/WK LEC 3.00 Cervantez, J

Note: Ref. No. 0202 - 5 week class: 06/02 - 07/03

NOTE: This is an online class with no on-campus meetings. Participation in this class requires the student to have regular access to a computer, tablet or similar device with internet connectivity and Blackboard (Bb) capability. On the first day of class students must log into Bb to access this course and receive initial information from the instructor (typically located on the announcement page of the course). Students with no previous experience in online/hybrid courses are encouraged to enroll in CHC 062, Introduction to Online Learning.

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

0204 01 MTWTH 11:00a-01:20p LEC 3.00 CHS-237 Linfield, L

Note: Ref. No. 0204 - 5 week class: 07/07 - 08/07

Physical Ed - Individual/Group

PE/I 106 Total Body Fitness 0.50 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.

This course is also offered as KIN/F-106A.
Associate Degree Applicable
Course credit limited transfer CSU & UC.
Contact a counselor for details.

0206 01 TTH 09:00a-10:00a LAB 0.50 G-101E Hayes, C

Note: Ref. No. 0206 - 10 week class: 06/03 - 08/07

NOTE: During this course students will have the opportunity to enjoy several pool workouts.

PE/I 108 Weight Training 0.50 Units

Weight training for beginners with little or no weight training knowledge and skills and advanced students who desire more sophisticated routines.

This course is also offered as KIN/F-108A.
Associate Degree Applicable
Course credit limited transfer CSU & UC.
Contact a counselor for details.

0208 01 MW 09:00a-10:00a LAB 0.50 G-101E Hayes, C

Note: Ref. No. 0208 - 10 week class: 06/02 - 08/06

PE/I 164 Swimming 0.50 Units

Instruction in swimming skills and techniques for individuals of all levels and abilities. Comprehensive study of the history of swimming, swimming strokes and basic water safety. Development of cardiovascular fitness through

swimming activities.

Associate Degree Applicable
Course credit limited transfer CSU & UC.
Contact a counselor for details.

0210 01 MW 09:00a-10:00a LAB 0.50 AC-N-POOL Staff
Note: Ref. No. 0210 - 10 week class: 06/02 - 08/06

0212 02 MW 06:00p-07:00p LAB 0.50 AC-N-POOL Chittenden, H
Note: Ref. No. 0212 - 10 week class: 06/02 - 08/06

PE/I 168 Yoga 0.50 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. This course is also offered as KIN/F-168A.

Associate Degree Applicable
Course credit limited transfer CSU & UC.
Contact a counselor for details.

0214 02 MW 01:00p-02:00p LAB 0.50 G-003 Aniello, L
Note: Ref. No. 0214 - 10 week class: 06/02 - 08/06

0216 01 TTH 06:00p-07:00p LAB 0.50 G-003 Aniello, L
Note: Ref. No. 0216 - 10 week class: 06/03 - 08/07

PE/I 173 Water Aerobics and Deep Water Exercise 0.50 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.

0218 01 TTH 11:00a-12:00p LAB 0.50 AC-N-POOL Staff
Note: Ref. No. 0218 - 10 week class: 06/03 - 08/07

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

0220 01 MTWTH 07:30a-09:50a LEC 4.00 LADM-121 Adams, M
MW 10:00a-02:40p LAB LADM-115 Adams, M
Note: Ref. No. 0220 - 5 week class: 07/07 - 08/07

0222 02 MTWTH 07:30a-09:50a LEC 4.00 LADM-121 Adams, M
TTH 10:00a-02:40p LAB LADM-115 Adams, M
Note: Ref. No. 0222 - 5 week class: 07/07 - 08/07

0236 70 ARR 4.8 HRS/WK LEC 3.00 Brink, T

Note: Ref. No. 0236 - 10 week class: 06/02 - 08/07

This is an online class with no on-campus meetings. Participation in this class requires the student to have regular access to a computer, tablet, or similar device with Internet connectivity and Blackboard (Bb) capability. On the first day of class, students must log into Bb to access this course and receive initial information from the instructor (typically located on the announcement page of the course). Students with no previous experience in online/hybrid courses are encouraged to enroll in CHC 062, Introduction to Online Learning.

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

Not Applicable to the Associate Degree

COREQUISITE: ENGL 976

0238 90 MTWTH 11:00a-12:30p LEC 4.00 BC-104 Ford, J

Note: Ref. No. 0238 - 10 week class: 06/02 - 08/07

This section is linked to ENGL 976-90. This means students enrolling in READ 980-90 (directly above) must also enroll and remain enrolled in ENGL 976-90.

Religious Studies

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.

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

0240 70 ARR 4.8 HRS/WK LEC 3.00 Brink, T

Note: Ref. No. 0240 - 10 week class: 06/02 - 08/07

NOTE: This is an online class with no on-campus meetings. Participation in this class requires the student to have regular access to a computer, tablet or similar device with internet connectivity and Blackboard (Bb) capability. On the first day of class students must log into Bb to access this course and receive initial information from the instructor (typically located on the announcement page of the course). Students with no previous experience in online/hybrid courses are encouraged to enroll in CHC 062, Introduction to Online Learning.

Respiratory Care

RESP 050 Introduction to Respiratory Care 2.00 Units

Introduction and orientation to the field of respiratory care.

Associate Degree Applicable

0242 01 TTH 08:00a-09:50a LEC 2.00 CHS-127 Franklin, B

Note: Ref. No. 0242 - 8 week class: 06/03 - 07/24

COREQUISITES: RESP 230, RESP 231, RESP 233

0252 01 TTH 10:00a-12:15p LEC 2.50 CHS-123 Sheahan, M
Note: Ref. No. 0252 - 9 week class: 06/03 - 07/31

RESP 233 Advanced Respiratory Clinical Application I 3.00 Units

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

Associate Degree Applicable

PREREQUISITE: Acceptance into Respiratory Care Program

COREQUISITES: RESP 230, RESP 231, RESP 232

0254 01 MF LEC 3.00 OFFC-CLNC Bell, R
Franklin, B
MF CLINC OFFC-CLNC Bell, R

Note: Ref. No. 0254 - 10 week class: 05/30 - 08/01

Note: Ref. No. 0254 will be held at Clinic in Off-Campus Clinic. (See Building and Location section in this schedule for the address).

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. This course is also offered as SOC-100H.

Associate Degree Applicable

Course credit transfers to both CSU and UC.

0256 01 MTWTH 11:00a-01:20p LEC 3.00 CHS-122 McKee, J
Note: Ref. No. 0256 - 5 week class: 07/07 - 08/07

0258 70 ARR 4.8 HRS/WK LEC 3.00 Pritchard, B
Note: Ref. No. 0258 - 10 week class: 06/02 - 08/07

NOTE: This is an online class with no on-campus meetings. Participation in this class requires the student to have regular access to a computer, tablet or similar device with internet connectivity and Blackboard (Bb) capability. On the first day of class students must log into Bb to access this course and receive initial information from the instructor (typically located on the experience in online/hybrid courses are encouraged to enroll in CHC 062, Introduction to Online Learning.

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. This course is also offered as SOC-100.

Associate Degree Applicable

Course credit transfers to both CSU and UC.

PREREQUISITE: Acceptance into the College Honors Institute

0260 01 MTWTH 11:00a-01:20p LEC 3.00 CHS-122 McKee, J
Note: Ref. No. 0260 - 5 week class: 07/07 - 08/07

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.

0262 01 MTW 06:00p-09:20p LEC 3.00 LADM-304 McKee, J
Note: Ref. No. 0262 - 5 week class: 07/07 - 08/06

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.

0264 01 TWTH 08:00a-10:30a LEC 5.00 LADM-304 Galvan, R
Note: Ref. No. 0264 - 10 week class: 06/03 - 08/07

NOTE: Students who are native Spanish speakers or who have completed two or more years of high school Spanish are encouraged to take the Spanish language assessment to identify appropriate placement in the Spanish sequence. Please contact the Assessment Center at 909-389-3361 for more information.

Theatre Arts

THART 150 Summer Theatre Workshop 3.00 Units

Opportunity for student actors, theatre technicians or theatre management personnel to further develop and refine their skills in a functioning professional theatre setting in the context of pre-production, rehearsal and public performance under the supervision of a professional staff. (Formerly THART-150X4)

Associate Degree Applicable
Course credit transfers to both CSU and UC.
DEPARTMENTAL RECOMMENDATION: Previous experience
in a theatrical production

0266 95 ARR 29 HRS/WK LAB 3.00 PAC-101 Cabanilla, C
Note: Ref. No. 0266 - 5 week class: 07/07 - 08/07

NOTE: This course includes performance/or technical theatre experiences in Redlands Theatre Festival (RTF) productions during the Summer 2014 session. Students MUST complete RTF audition process. Please contact Tom Bryant at tbryant@craftonhills.edu or 909-389-3296 for more information.