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

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

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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
LC ............................................. 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

Cover artwork by John Gutierrez
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
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
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

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.

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.
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.
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.

BIOL 100
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
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

BUSAD 100
0046 01 TWTH 06:00p-09:20p LEC 3.00 LADM-304 Nelson, W
Note: Ref. No. 0046 - 5 week class: 06/03 - 07/03

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.

CHEM 101
0048 01 MTWTH 07:30a-09:50a LEC 4.00 CHS-242 Staff
MW 10:00a-02:50p LAB CHS-232 Staff
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

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.

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

0050  02   MTWTH  07:30a-09:50a   LEC  4.00   CHS-242   Staff
       TTH  10:00a-02:50p   LAB  4.00   CHS-232   Staff
Note: Ref. No. 0050 - 5 week class: 07/07 - 08/07

0052  01   MTWTH  07:00a-09:20a   LEC  4.00   CHS-237   Boebinger, K
       MTWTH  09:25a-11:50a   LAB  4.00   CHS-238   Boebinger, K
Note: Ref. No. 0052 - 5 week class: 07/07 - 08/07

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

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
0066   71   M         01:00p-04:50p  LEC    3.00   BC-106      Urbanovich, J
06/10/14
06/17/14
06/24/14
06/31/14
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.

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
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
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

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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.

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

### 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

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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.

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<td>LEC</td>
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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.

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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

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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
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

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 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
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

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

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.
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  MTWH  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.

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<tr>
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<th>Course Title</th>
<th>Units</th>
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<tbody>
<tr>
<td>FIRET 103</td>
<td>Fire Protection Systems</td>
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<tr>
<td>FIRET 114</td>
<td>Principles of Fire and Emergency Services</td>
<td>3.00</td>
</tr>
<tr>
<td>FIRET 116</td>
<td>Building Construction for Fire Protection</td>
<td>3.00</td>
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</table>

**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

**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

**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

**Geology**

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<tr>
<th>Course Code</th>
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<th>Units</th>
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| 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.

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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.
### Course Descriptions

#### 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.  
**DEPARTMENTAL RECOMMENDATIONS:** Eligibility for ENGL 101

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#### 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

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#### 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

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

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

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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

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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
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

PHIL 103 Introduction to Logic: Argument and Evidence 3.00 Units

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.

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<tr>
<th>Course Code</th>
<th>Section</th>
<th>Days</th>
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<th>Type</th>
<th>Units</th>
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Note: Ref. No. 0210 - 10 week class: 06/02 - 08/06
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.

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<tr>
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Note: Ref. No. 0214 - 10 week class: 06/02 - 08/06
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.

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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.

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<th>Time</th>
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Note: Ref. No. 0220 - 5 week class: 07/07 - 08/07

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Note: Ref. No. 0222 - 5 week class: 07/07 - 08/07
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

0224 02 MTWTH 08:30a-10:50a LEC 3.00 BC-101 Veldhuis, S
Note: Ref. No. 0224 - 5 week class: 06/02 - 07/03

0226 01 MTWTH 11:00a-01:20p LEC 3.00 BC-101 Veldhuis, S
Note: Ref. No. 0226 - 5 week class: 07/07 - 08/07

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. This course is also offered as PSYCH-100H.
Associate Degree Applicable
Course credit transfers to both CSU and UC.
DEPARTMENTAL RECOMMENDATIONS: Eligibility for ENGL 101.
Eligibility for MATH 090

0228 02 MTWTH 12:30p-02:50p LEC 3.00 LADM-224 Williams, G
Note: Ref. No. 0228 - 5 week class: 07/07 - 08/07

0230 01 TWTH 11:00a-02:20p LEC 3.00 CL-106 Pfahler, D
Note: Ref. No. 0230 - 5 week class: 06/03 - 07/03

PSYCH 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 MATH-110, MATH-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: PSYCH 117

0232 01 TWTH 08:00a-10:10a LEC 4.00 CL-106 Pfahler, D
Note: Ref. No. 0232 - 10 week class: 06/03 - 08/07

0234 02 MTWTH 05:00p-08:20p LEC 4.00 BC-105 Denson, T
Note: Ref. No. 0234 - 5 week class: 07/07 - 08/07

PSYCH 111 Developmental Psychology: Lifespan 3.00 Units
Lifespan development from conception through aging.
Associate Degree Applicable
Course credit transfers to both CSU and UC.
PREREQUISITE: PSYCH 100 or PSYCH 100H
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

**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

**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

**Note: Ref. No. 0242 - 8 week class: 06/03 - 07/24**
RESP 051  Cardiopulmonary Resuscitation: Basic Life Support
Healthcare Provider 1.00 Units

Instruction in basic life support. (Formerly RESP-051X4)
Associate Degree Applicable
COREQUISITE: Acceptance into Respiratory Care Program

0244  01  TWTHF  08:00a-09:50a  LEC  1.00  CHS-123  Franklin, B
       08:00a-09:50a  LAB  1.00  CHS-123  Franklin, B
       09:00a-10:50a  LAB  1.00  CHS-123  Contreras, A
       10:00a-11:50a  LAB  1.00  CHS-123  Franklin, B
       11:00a-12:50a  LAB  1.00  CHS-123  Sheahan, M

Note: Ref. No. 0244 - 1 week class: 08/12 - 08/15

RESP 209A  Clinical Refresher: Advanced Clinical Application I 2.50 Units
Continued clinical application of advanced-level skills learned in the laboratory and theory classes. Graded on Credit/No Credit basis only. (Formerly RESP-209AX2)
Associate Degree Applicable
PREREQUISITE: RESP 233

0246  01  MF  LEC  2.50  OFFC-CLNC  Sheahan, M
       08:00a-11:50a  CLINC  2.50  OFFC-CLNC  Sheahan, M

Note: Ref. No. 0246 - 10 week class: 05/30 - 08/01

RESP 230  Advanced Theory of Respiratory Care I 2.25 Units
Advanced assessment, diagnosis, and treatment of diseases and conditions as they relate to the practice of respiratory care.
Associate Degree Applicable
PREREQUISITE: Acceptance into Respiratory Care Program
COREQUISITES: RESP 231, RESP 232, RESP 233

0248  01  TTH  08:00a-09:50a  LEC  2.25  CHS-123  Contreras, A
       09:00a-11:50a  LAB  2.25  CHS-123  Contreras, A

Note: Ref. No. 0248 - 9 week class: 06/03 - 07/31

RESP 231  Advanced Respiratory Care Skills Laboratory I 3.00 Units
Advanced assessment, diagnosis, and treatment of diseases and conditions as they relate to the practice of respiratory care in the simulated patient-care environment.
Associate Degree Applicable
PREREQUISITE: Acceptance into Respiratory Care Program
COREQUISITES: RESP 230, RESP 232, RESP 233

0250  01  W  08:00a-11:50a  LEC  3.00  CHS-123  Bell, R
       07:00a-09:50a  LAB  3.00  CHS-123  Bell, R
       01:00p-04:50p  LAB  3.00  CHS-123  Contreras, A

Note: Ref. No. 0250 - 9 week class: 06/04 - 07/30

RESP 232  Physiologic Basis of Respiratory Disease I 2.50 Units
Applied cardiopulmonary, renal, and neuropathophysiology 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
COREQUISITES: RESP 230, RESP 231, RESP 233

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

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.

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

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.