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, Ed.D.
President
Board of Trustees

John Longville ....................................................................................................................................... President
Joseph Williams ........................................................................................................................................... Vice President
Gloria Macías Harrison ................................................................. Vice President, Student Services
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Donna Ferracone ......................................................................................... Trustee
Dr. Anne L. Viricel ........................................................................................ CHC Student Trustee
Esmeralda Vazquez ......................................................................................... SBVC Student Trustee

Crafton Hills College Administration

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Bryan Reece, Ph.D. ........................................................................................................................................ Vice President, Instruction
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Mark Snowhite, M.A. ........................................................................................................................................... Interim Dean, Math, English, Reading, Fine Arts & Instructional Support
Giovanni W. Sosa ........................................................................................................................................ Interim Dean, Institutional Effectiveness Research & Planning
Wayne Bogh, M.B.A. ........................................................................................................................................ Director, Technology Services
John Muskavitch, B.S. ......................................................................................................................................... Director, Financial Aid
Ericka Paddock, Ed.D. ........................................................................................................................................ Director, Student Life
Rejoice Chavira, Ed.D. ........................................................................................................................................ Director, EOPS, Care & CalWORKs
Michelle Riggs, M.A. ........................................................................................................................................ Director, Community Relations and Resource Development
Donna Hoffman, M.A. ........................................................................................................................................ Director, Marketing & Public Relations
Heather Chittenden, M.B.A. ................................................................................................................................... Director, Aquatics
Deborah Wasbotten, M.A. ................................................................................................................................... Director, Child Development Center
Gloriann Chavez, A.A. ........................................................................................................................................ Director, Bookstore
Larry Cook .......................................................................................................................................................... Director, Facilities, Operations & Maintenance
Calendar of Important Dates and Deadlines

October 5 ..................................................... First day to apply for online scholarships.
For more information, call (909) 389-3354 or apply online

November 30 ............................................... Spring textbook information and sales available online

November 30 ............................................... First day to purchase textbooks online

December 25 - January 3 ............................ Winter Recess – Campus Closed

January 1 ..................................................... Financial Aid Applications for 2016/2017 academic year available at www.FAFSA.gov

January 5 ..................................................... Spring online textbook orders are shipped out

January 5 ..................................................... Spring online textbook orders are available for pick up in store

January 11 .................................................. Spring textbooks for sale in the Bookstore

January 11 – February 12 ........................... Associated Student 5% discount on textbooks available

January 15 .................................................. Faculty In-Service Day

January 18 ................................................... Deadline to register for courses prior to start of term

January 18 ................................................... Deadline to drop courses prior to start of term and receive a full refund

January 19 ................................................... Martin Luther King Jr. Day (Observed) – Campus Closed

January 19 ................................................... Term Begins

January 19 - 21 ........................................... Spring book buyback

January 29 ................................................... Deadline for textbook returns or exchanges (receipt required)

January 29 ................................................... Deadline for Late-Add Full-Term (18-Week) courses

January 29 ................................................... Check “Use By” Date on Late Add Authorization sticker

January 29 ................................................... Deadline to drop Full-Term (18-Week) courses and receive a refund of enrollment fees

February 1 ................................................... Parking permits are required on all college streets and lots
(Illegal parking regulations and staff parking enforced at all times)
Students may purchase parking permits online

February 6 (12:00 pm) ................................. Deadline to submit Scholarship Applications.
For more information call (909) 389-3354 or apply online

February 7 ................................................... Deadline to drop Full-Term (18-Week) courses without a “W” grade
(Refer to your registration statement for short-term course deadlines)

February 7 ................................................... Deadline to request Pass/No-Pass grading option for Full-Term (18-Week) courses

February 12 .................................................. Lincoln’s Birthday (Observed) – Campus Closed

February 15 .................................................. Washington’s Birthday (Observed) – Campus Closed

March 2 ....................................................... Deadline for Cal Grant GPA Verification

March 14 ..................................................... First day to open Financial Aid file for 2016/2017 academic year

March 14 - 19 ............................................. Spring Break – Classes not in session

March 30 ..................................................... Deadline to apply for Spring graduation

NA ............................................................. EOPS Mid-Semester Progress Reports due

April 8 ....................................................... Deadline to withdraw from Full-Term (18-Week) courses with a “W” grade
(refer to your registration statement for short-term course deadlines)

April 12 ..................................................... Flex Day – Classes not in session

May 5 ......................................................... Deadline to apply for BOGG (Board of Governors Grant) refund

May 20 - 26 ............................................... Final Exams

May 20 (6:00 pm) ........................................ Scholars Convocation

May 27 ....................................................... Term Ends

May 27 ....................................................... Commencement

May 30 ..................................................... Memorial Day (Observed) – Campus Closed

June 2 ......................................................... Official Spring grades available online

Dates listed are for Full-Term (18-week) Courses only
Refer to your Class Printout for Short-Term/Late-Start Course Dates
Categories of Priority Registration

To determine your registration date and time, you need to know:
- Your priority level (A, B, C, D, E, or F) based on your status as a student.
- In order to be eligible for priority registration, all students must complete the student success process (CHC application, orientation, assessment, and educational plan with a counselor).
- ONLY degree applicable units completed or currently enrolled at CHC will be used to calculate priority registration.

EXCEPTIONS: The following groups of students are not eligible for priority registration.
- Students who have previously earned a Bachelor’s degree or higher
- Students who have completed 100 or more combined degree applicable units within the San Bernardino Community College District
- Returning students who did not attend the immediately preceding semester
- Students who have been on academic or progress probation for the two immediately preceding terms
- High School students who have been approved for Concurrent Enrollment

Once you have determined your priority level, you may register on the days assigned to that priority or any registration day thereafter.

Continuing students are students who attended CHC during the immediately preceding semester (excluding summer term).

Attention Returning Students: Students who did not attend during the previous semester must submit an Application for Admission. The Spring admission application period is from September 1st to April 30th.

Priority Dates

November 1st - Students may begin to check WebAdvisor for their priority registration dates.

<table>
<thead>
<tr>
<th>Priority</th>
<th>Dates</th>
<th>Categories</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Nov. 30 – Dec. 2</td>
<td>• Active military or veterans&lt;br&gt;• Current/former Foster Youth&lt;br&gt;• Students accepted into the EOP&amp;S, DSP&amp;S or CalWORKs programs</td>
</tr>
<tr>
<td>B</td>
<td>December 3 - 5</td>
<td>• Continuing students who have completed 45 to 90 units at CHC.&lt;br&gt;• Students accepted to and in good standing with the Left Lane, or S.T.E.M.-Trek cohort programs</td>
</tr>
<tr>
<td>C</td>
<td>December 6 - 8</td>
<td>• Continuing students who have completed 30 to 44.9 units at CHC</td>
</tr>
<tr>
<td>D</td>
<td>December 9 - 11</td>
<td>• Continuing students who have completed 15 to 29.9 units at CHC</td>
</tr>
<tr>
<td>E</td>
<td>December 12 - 14</td>
<td>• Continuing students who have completed 0 to 14.9 units at CHC</td>
</tr>
<tr>
<td>F</td>
<td>December 15 - 17</td>
<td>• New students who have completed the student success process or met the pre-enrollment assessment waiver criteria prior to the registration date for Priority F</td>
</tr>
<tr>
<td>Open</td>
<td>December 18, 2015 through January 18, 2016</td>
<td>• All students in the above listed priorities as well as:&lt;br&gt;• New students who have not completed the student success process&lt;br&gt;• Returning students who have not attended the immediately preceding semester&lt;br&gt;• Students who have previously earned a Bachelor’s Degree or higher&lt;br&gt;• High School students who have been approved for Concurrent Enrollment to attend courses.</td>
</tr>
</tbody>
</table>
Fees Schedule
(All fees are subject to change)

MANDATORY FEES
Enrollment Fee ............................................ $46.00 per unit

Non-Resident / Foreign Tuition (Effective Fall 2015)
• $ 200.00 per unit (Non-Resident Fee)
• + $ 46.00 per unit (Enrollment Fee)
• = $ 246.00 per unit

Health Fee........................... Fall/Spring $17.50 per semester
Note: Off-campus courses are exempt from paying this fee.

Accident Insurance Fee........................... $1.50 per semester
Note: Off-campus classes are exempt from paying this fee.

Student Transportation Fee
• Students enrolled in 6 or more units........ $7.50 per sem.
• Students enrolled in less than 6 units ...... $7.00 per sem.

Student Center Fee .......................................... $1.00 per unit
(maximum of $10.00 per year assessed fall through summer)

Capital Outlay Fee ............................................ $7.00 per unit
Note: This fee only applies to citizens of a foreign country who are residents of a foreign country

Student Representation Fee .................... $1.00 per semester
Note: This fee may be waived for moral, religious, political or financial reasons.

OPTIONAL FEES
AS (Associated Student) Sticker ............. $9.00 per semester
Parking Fees ..................... Fall/Spring   $30.00 per semester

MISCELLANEOUS FEES
Transcripts:
• First two requests are free
• Online transcript requests ...........$5.00 each + online processing fee (FedEx delivery options available for an additional cost)
• Subsequent requests ..............$10.00 each
• Immediate requests (same day)....$20.00 each (requested in-person only)

Enrollment Verification:
Online requests via National Student Clearinghouse ............................................. $2.50
In-Person Request ....$3.00 each (limit one term per request)

Subpoenas: Processing Fees.........................$15.00 each
Duplicate Diplomas: Processing/Material Fees ...$10.00 each

PAYMENT/NON-PAYMENT DROP POLICY
Payment is due at the time of registration. Once you have registered for courses, payment of your entire registration balance must be paid by the end of that business day.

• Fees for courses registered on weekends, holidays or scheduled campus closures must be paid in full by the end of the following business day.
• Outstanding registration fees that are not paid will result in your courses being administratively dropped due to non-payment.
• If you are a financial aid recipient, your award will not cover all of your fees. You are responsible to submit payment for any balance due.

WARNING: You are advised not to purchase textbooks until you are officially registered into the course. You are not officially registered until all fees are paid.

Payments are accepted online via WebAdvisor or in-person in the Admissions & Records Office.

REFUNDS (Board Policy #5033)

A. Class cancelled by the College
If a class is cancelled by the College, enrollment and/or non-resident tuition fees will be refunded in their entirety. If that cancellation results in a student's withdrawal from the College, the mandatory fees will also be refunded.

B. Withdrawal from the College
If a student withdraws during the first two weeks of a full-term class or during the first 10% of a short-term class, enrollment fees and/or non-resident fees will be refunded.
In order to be eligible for a refund of parking, health, accident insurance, associated student (AS) card, student center, and the student representation fees, a student must withdraw from the college prior to the first day of the term for a full-term class or prior to the first day of instruction for a short-term class.

C. Unit Reduction
If a change of a program within the first two weeks of a full-term class or during the first 10% of a short-term class results in a reduction in the number of units taken, the enrollment fee or non-resident fee will be refunded at the per-unit cost of the reduction.

D. Dropping/Withdrawing after Refund Period
A student who withdraws from a class or the College after the second week of instruction for a full-term class or after the first 10% of a short-term class is not eligible for any refund.

E. Instructor Drops
Students who are dropped by their instructor(s) shall be eligible for a refund or credit pursuant to the District's refund policy.

F. Refund Processing Fee
A $10 processing fee will be deducted from the amount owed to the student, not to exceed $10 per student per semester. The processing fee does not apply to cancelled classes or over payments.

All refunds will be in the form of a check mailed to the student's address on file in the Admissions & Records Office. Allow 6-8 weeks for all refund checks to be processed and mailed.
<table>
<thead>
<tr>
<th>Ref Sec</th>
<th>Days</th>
<th>Time</th>
<th>Method</th>
<th>Units</th>
<th>Room</th>
<th>Instructor</th>
</tr>
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<tr>
<td>0008</td>
<td>10</td>
<td>08:00a-09:50a LEC</td>
<td>4.00</td>
<td>CNTL-134</td>
<td>Giles,B</td>
<td></td>
</tr>
<tr>
<td>0010</td>
<td>25</td>
<td>11:00a-12:50p LEC</td>
<td>4.00</td>
<td>CNTL-134</td>
<td>Fleishman,R</td>
<td></td>
</tr>
<tr>
<td>0012</td>
<td>55</td>
<td>T</td>
<td>06:00p-09:50p LEC</td>
<td>4.00</td>
<td>MODS-MOD3</td>
<td>Fleishman,R</td>
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<tr>
<td>0028</td>
<td>20</td>
<td>M</td>
<td>10:00a-11:50a LEC</td>
<td>4.00</td>
<td>CNTL-134</td>
<td>Giles,B</td>
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<tr>
<td>0045</td>
<td>10</td>
<td>M</td>
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<td>4.00</td>
<td>CNTL-134</td>
<td>Leary,J</td>
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<tr>
<td>0046</td>
<td>25</td>
<td>T</td>
<td>11:00a-12:50p LEC</td>
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<td>CNTL-134</td>
<td>Soza,K</td>
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<td>0047</td>
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<td>M</td>
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<td>4.00</td>
<td>CNTL-134</td>
<td>Soza,K</td>
</tr>
</tbody>
</table>

ACCT 032  Federal and State Taxation  4.00 Units
Principles and procedures of federal and state income taxation. Preparation of tax returns, emphasizing the individual taxpayer. Volunteer tax assistance is required.

Associate Degree Applicable

0002  50  M       05:00p-06:50p LEC   1.50  PSAH-224   Hunter,M

ACCT 033  Federal and State Income Tax Preparation  1.00 Unit
Review of the principles and procedures of federal and state income taxation and survey of current-year tax code changes. Preparation of tax returns, emphasizing the individual taxpayer. Volunteer tax assistance is required.

Associate Degree Applicable

PREREQUISITE: ACCT 032

0004  95 ARR   3.5 HRS/WK   LAB   1.00  CNTL-134   Staff

ACCT 105  Accounting Concepts with Quickbooks  4.00 Units
Fundamentals of bookkeeping and accounting procedures, including recording transactions in journals and use of controlling accounts and related schedules. Practice in opening, adjusting and closing various professional sets of books. Use of Quickbooks bookkeeping software.

Associate Degree Applicable

Course credit transfers to CSU.

0006  60  M       06:00p-09:50p LEC | 4.00 | CNTL-134 | Romero,J

ACCT 208  Introduction to Financial Accounting  4.00 Units
Fundamental concepts and procedures of managerial accounting including the use of management accounting information in decision making.

Associate Degree Applicable

Course credit transfers to both CSU and UC.

0014  20  M       10:00a-11:50a LEC | 4.00 | CNTL-134 | Giles,B

ACCT 209  Introduction to Managerial Accounting  4.00 Units
Fundamental concepts and procedures of managerial accounting including the use of management accounting information in decision making.

Associate Degree Applicable

Course credit transfers to both CSU and UC.

PREREQUISITE: ACCT 208

0016  55  TH      06:00p-09:50p LEC | 4.00 | CNTL-134 | Romero,J

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

0026  56  TTH      06:00p-08:50p LEC | 3.00 | PSAH-224 | Jaravata-Hanson,R

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

0028  20  M       10:00a-11:50a LEC | 4.00 | EAST-105 | Michel,F

0030  55  TTH      09:00a-10:50a LEC | 4.00 | EAST-105 | Andrews,B

0049  10  W       08:00a-09:50a LEC | 4.00 | PSAH-224 | Leary,J

0050  05  TTH      09:00a-10:50a LEC | 4.00 | PSAH-224 | Leary,J

0051  50  M       05:00p-06:50p LEC | 4.00 | EAST-105 | Soza,K

0057  45  TTH      04:00p-05:50p LEC | 4.00 | EAST-105 | Soza,K

0058  55  TTH      06:00p-08:20p LEC | 4.00 | EAST-105 | Soza,K

BOLD print on time pattern denotes evening classes
ANATOMY

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.

ENGL 101

ENGL 101

ENGL 101

ENGL 101

ANATOMY

ANAT 200 Introduction to Interpreting for the Deaf 3.00 Units

Introduction to the field of sign language interpreting. Focus is on language analysis and idiomatic development, as well as principles and practices involved in interpreting for a diverse Deaf population.

Associate Degree Applicable

Course credit transfers to CSU.

RECOMMENDATION: ASL 102

DEPARTMENTAL RECOMMENDATION: Concurrent enrollment in ASL 104

ASL 901 Beginning American Sign Language Refresher I 1.00 Unit

Review and practice of beginning material for students who have successfully completed a first semester ASL course and need to further develop their receptive and productive skills as well as review cultural, grammatical, and historical concepts before enrolling in ASL 102. This course is graded on a Pass or No Pass basis only.

Graded on Credit/No Credit basis only.

Not Applicable to the Associate Degree

Spring 2016 Schedule of Classes - 2 - Crafton Hills College
ANTHRO 106H Biological Anthropology - Honors 3.00 Units
Introduction to humans as biological organisms from an evolutionary perspective. This course includes content and experiences appropriate for students wishing to earn honors credit.
This course is also offered as ANTHRO-106.
Associate Degree Applicable
Course credit transfers to both CSU and UC.
PREREQUISITE: Acceptance into the College Honors Institute
0104 60 W 07:00p-09:00p LEC 3.00 CYN-117 Hadden,J

ANTHRO 110 Tribal and Ethnic Religions 3.00 Units
Comparative study of supernaturalism in traditional societies, both past and present, including witchcraft, magic, totemism, mythology and ritual nativistic movements, and the religious context of drug usage.
This course is also offered as RELIG-110.
Associate Degree Applicable
DEPARTMENTAL RECOMMENDATION: Eligibility for ENGL 101
0106 05 TTH 08:30a-09:45a LEC 3.00 CYN-117 Wawelo,T

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.
This course is also offered as ART-100H.
Associate Degree Applicable
Course credit transfers to both CSU and UC.
PREREQUISITE: ENGL 010 or eligibility for ENGL 101 as determined by the Crafton Hills College assessment process
0110 50 MW 05:00p-06:15p LEC 3.00 PSAH-226 McCambly,J

ART 102 Art History II: Renaissance - Contemporary Art 3.00 Units
Survey of outstanding periods in the history of Western Art, with a focus on the Renaissance through Contemporary Art. Exploration of the relationship between the visual arts and the societies which produced them. Required of all art majors and open to non-art majors.
This course is also offered as ART-102H.
Associate Degree Applicable
Course credit transfers to both CSU and UC.
PREREQUISITE: ENGL 010 or eligibility for ENGL 101 as determined through the Craftons Hills College assessment process
0112 35 TTH 02:00p-03:15p LEC 3.00 PSAH-226 McNamara,L
0114 70 ARR LEC 3.00 Petrovic,S
Note: Ref. No. 0114 - 9 week class: 03/28 - 05/26
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 CRC 062, Introduction to Online Learning.

ART 103 Art Appreciation 3.00 Units
Introduction to the visual arts from a multicultural perspective, focusing on the technical, conceptual, cultural and historic aspects of art.
Associate Degree Applicable
Course credit transfers to both CSU and UC.
0116 10 MW 08:00a-09:15a LEC 3.00 PSAH-226 McNamara,L

ART 105 History of Modern Art 3.00 Units
Comprehensive survey of modern Western art and architecture from the 19th century to the contemporary times.
Associate Degree Applicable
Course credit transfers to both CSU and UC.
0120 45 T 02:00p-04:05p LEC 3.00 ARTS-130 Petrovic,S

ART 113 Survey of Asian Art 3.00 Units
Comprehensive survey of art and architecture of India, Southeast Asia, China, Japan and Korea from art pre-history to contemporary times.
Associate Degree Applicable
Course credit transfers to both CSU and UC.
0122 60 MW 07:00p-08:15p LEC 3.00 WEST-108 Acquistapace,K

ART 120 Foundations of Two-Dimensional Design 3.00 Units
Introduction to elements and principles of design on the two-dimensional plane.
Associate Degree Applicable
Course credit transfers to both CSU and UC.
0124 70 ARR 2 HRS/WK LEC 3.00 Petrovic,S
ARR 3 HRS/WK LAB Petrovic,S
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 CRC 062, Introduction to Online Learning.

ART 121 Foundations of Three-Dimensional Design 3.00 Units
Introduction to elements and principles of design in three-dimensional space.
Associate Degree Applicable
Course credit transfers to both CSU and UC.
DEPARTMENTAL RECOMMENDATION: Successful completion of ART 120
0126 40 MW 03:00p-05:15p LEC 3.00 ARTS-130 Regalado,S
MW 04:00p-05:15p LAB ARTS-130 Regalado,S

ART 124 Drawing I 3.00 Units
Introduction to the basic skills, strategies and techniques of observational drawing.
Associate Degree Applicable
Course credit transfers to both CSU and UC.
DEPARTMENTAL RECOMMENDATION: Successful completion of ART 120
0128 20 MW 12:30p-01:20p LEC 3.00 ARTS-101 McCambly,J
MW 01:30p-02:45p LAB ARTS-101 McCambly,J

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
0132 20 MW 12:30p-01:20p LEC 3.00 ARTS-101 McCambly,J
MW 01:30p-02:45p LAB ARTS-101 McCambly,J

ART 126 Painting I 3.00 Units
Introduction to the basic skills, strategies and techniques of oil and acrylic painting.
Associate Degree Applicable
Course credit transfers to both CSU and UC.
DEPARTMENTAL RECOMMENDATION: Successful completion of ART 120 or ART 124
0136 10 MW 09:00a-10:15a LEC 3.00 ARTS-101 McCambly,J
MW 10:00a-11:15a LAB ARTS-101 McCambly,J
0138 25 TTH 12:30p-01:20p LEC 3.00 ARTS-101 Gergis,N
TTH 01:30p-02:45p LAB ARTS-101 Gergis,N
Astronomy

ASTRON 150 Introduction to Astronomy 3.00 Units
Introduction to the ideas, concepts, and theories of astronomy including celestial motion, properties and evolutions of the solar system, stars, galaxies, and cosmology.

This course is also offered as ASTRON-150H.

Associate Degree Applicable
Course credit transfers to both CSU and UC.
DEPARTMENTAL RECOMMENDATION: Successful completion of PHYSIC 100

ASTRON 160 Astronomy Laboratory 1.00 Unit
Laboratory work to supplement ASTRON 150. Topics include telescopes, planetary motion, the Sun and stars, and cosmology. A one-evening per week laboratory session will be required.

Associate Degree Applicable
Course credit transfers to both CSU and UC.
COREQUISITE: ASTRON 150 or ASTRON 150H

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.

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.

DEPARTMENTAL RECOMMENDATION: Successful completion of ART 124

ART 132 Life Drawing I 3.00 Units
Introduction to the skills, strategies and techniques for drawing the human figure.

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

DEPARTMENTAL RECOMMENDATION: Successful completion of ART 124

PREREQUISITE: ART 126

ART 232 Life Drawing II 3.00 Units
A continuation of ART 132. Review of essential concepts of skills of figure drawing and development of intermediate-level figure drawing skills with an emphasis on accurate analysis of anatomy and essential structure.

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

PREREQUISITE: ART 132

PREREQUISITE: ART 132

Biol 130 Cell and Molecular Biology 4.00 Units
Study of the process of life at the molecular and cellular level, emphasizing cell functions of transport, respiration, photosynthesis, reproduction, genetics, gene expression, and regulation and applications in biotechnology.

This course is also offered as BIOL-130H.

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

PREREQUISITE: CHEM 101 or CHEM 150. MATH 095 or MATH 095C or eligibility for MATH 102 as determined through the Crafton Hills College assessment process.

DEPARTMENTAL RECOMMENDATION: Eligibility for ENGL 101

Biol 130H Cell and Molecular Biology-Honors 4.00 Units
Study of the processes of life at the molecular and cellular level emphasizing cell functions of transport, respiration, photosynthesis, reproduction, genetics, gene expression, and regulation and applications in biotechnology. This course includes content and experiences appropriate for students wishing to earn honors credit.

This course is also offered as BIOL-130.

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

PREREQUISITE: Acceptance into the College Honors Institute. CHEM 101 or CHEM 150. MATH 095 or MATH 095C or eligibility for MATH 102 as determined through the Crafton Hills College assessment process.

Biol 131 Populations and Organisms 4.00 Units
Study of classification, development, physiology and regulation at the level of the organism. Topics include population dynamics, community ecology, evolution and population genetics.

This course is also offered as BIOL-131H.

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.
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. 

DEPARTMENTAL RECOMMENDATION: Eligibility for ENGL 101

BUSAD 105  Entrepreneurship and Small Business Management  3.00 Units
Introduction to entrepreneurship and principles of managing a small business. Includes development of an effective business plan and knowledge and skills necessary to open and operate a successful small business.

DEPARTMENTAL RECOMMENDATION: Eligibility for ENGL 101

BUSAD 200  Business Management  3.00 Units
Concepts and applications of successful management functions including planning, organizing, staffing, directing, decision making and controlling business activity.

DEPARTMENTAL RECOMMENDATION: Successful completion of BUSAD 100

BUSAD 210  Business Law  3.00 Units
An introduction to the American legal system and principles of law as applied to businesses. Topics include sources of law, legal reasoning, ethics, criminal law, contracts, torts, agency, liability, the Uniform Commercial Code, sales, business organizations, and judicial and administrative processes.

DEPARTMENTAL RECOMMENDATION: Eligibility for ENGL 101

Chemistry

CHEM 087  Problem Solving and Study Skills for Chemistry  1.00 Unit
Discussion and problem solving sessions to be taken in conjunction with CHEM 101. Presents study skills and techniques for mastery of chemistry principles and test taking strategies.

PREREQUISITE: MATH 090 or MATH 090C or eligibility for MATH 095 as determined through the Crafton Hills College assessment process

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.

PREREQUISITE: MATH 090 or MATH 090C or eligibility for MATH 095 or MATH 095C as determined through the Crafton Hills College assessment process

Instruction Begins: January 19, 2016
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
0232  10  MW  08:30a-09:45a LEC  4.00  CYN-104  Boebinger,K 9 W  10:00a-11:20p LAB  CYN-104  Boebinger,K
0234  70  ARR  3 HRS/WK LEC  4.00 - Boebinger,K
M  11:00a-01:45p LAB  CYN-104  Boebinger,K
Note: This hybrid class includes (1) one weekly on-campus meeting 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 CRC 662, Introduction to Online Learning.

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.
0236  20  MWF  10:00a-11:50a LEC  3.00  CNTL-245  Wendy,G  Note: Ref. No. 0236 - 9 week class: 03/28 - 05/25
0238  70  ARR  10.5 HRS/WK LEC  3.00 - Boebinger,K  Note: Ref. No. 0238 - 5 week class: 01/19 - 02/19
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 CRC 662, 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 90S or MATH 095S or eligibility for MATH 102 as determined through the Crafton Hills College assessment process
0244  15  TTH  10:00a-11:15a LEC  5.00  CYN-117  Salt,K  TTH  07:00a-08:15a LEC  CYN-103  Salt,K
0246  16  TTH  10:00a-11:15a LEC  5.00  CYN-117  Salt,K  11:30a-01:20p LEC  CYN-103  Singh,J
0248  50  MW  05:30p-06:45p LEC  5.00  CYN-117  Staff  MW  07:00p-09:50p LAB  CYN-103  Staff
0250  51  MW  05:30p-06:45p LEC  5.00  CYN-117  Staff  MW  02:00p-04:50p LAB  CYN-103  Victor,M
0252  55  TTH  05:00p-06:15p LEC  5.00  CYN-104  Staff  TTH  06:30p-09:20p LAB  CYN-103  Staff

CHEM 150H  General Chemistry I-Honors  5.00 Units
First semester of a year-long sequence. Meets requirements of science majors as well as pre-dental, pre-medical, pre-veterinary and pre-engineering majors. Topics include atomic structure, bonding, nomenclature, stoichiometry, chemical reactions, enthalpy and the periodic table. This course includes content and experiences appropriate for students wishing to earn honors credit. This course is also offered as CHEM-150H.
Associate Degree Applicable
Course credit transfers to both CSU and UC.
PREREQUISITE: MATH 095S or MATH 095 or eligibility for MATH 102 as determined through the Crafton Hills College assessment process. Acceptance into the College Honors Institute
0254  15  TTH  10:00a-11:15a LEC  5.00  CYN-117  Salt,K  TTH  07:00a-09:50p LAB  CYN-103  Staff

CHEM 151  General Chemistry II  5.00 Units
Continuation of CHEM 150. Topics include kinetics, equilibrium, acids and bases, thermodynamics, electrochemistry, nuclear reactions and chemistry of coordination compounds. This course is also offered as CHEM-151H.
Associate Degree Applicable
Course credit transfers to both CSU and UC.
PREREQUISITE: CHEM 150
0256  10  MW  10:00a-10:50a LEC  5.00  CYN-117  Salt,K  MW  07:00a-09:50p LAB  CYN-103  Salt,K
0258  11  MW  10:00a-10:50a LEC  5.00  CYN-117  Salt,K  MW  11:00a-11:50p LAB  CYN-103  Victor,M
0260  12  MW  10:00a-10:50a LEC  5.00  CYN-117  Salt,K  F  07:00a-09:50p LAB  CYN-103  Wendy,G  F  12:00p-02:50p LAB  CYN-103  Wendy,G

CHEM 151H  General Chemistry II-Honors  5.00 Units
Continuation of CHEM 150. Topics include kinetics, equilibrium, acids and bases, thermodynamics, electrochemistry, nuclear reactions and chemistry of coordination compounds. This course includes content and experiences appropriate for students wishing to earn honors credit. This course is also offered as CHEM-151H.
Associate Degree Applicable
Course credit transfers to both CSU and UC.
PREREQUISITE: CHEM 150 or CHEM 150H. Acceptance into the College Honors Institute
0262  10  MW  10:00a-10:50a LEC  5.00  CYN-117  Salt,K  MW  07:00a-09:50p LAB  CYN-103  Salt,K

CHEM 213  Organic Chemistry II  4.00 Units
Second semester of a two semester organic chemistry sequence. Study of modern organic chemistry including structure, nomenclature, reaction mechanisms. Lab techniques include purification, isolation, synthesis reactions, and spectroscopic analysis.
Associate Degree Applicable
Course credit transfers to both CSU and UC.
PREREQUISITE: CHEM 212
0264  01  MWF  07:30a-08:20a LEC  4.00  CYN-104  Boebinger,K  F  08:30a-11:20a LEC  CYN-104  Boebinger,K

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.
0266  20  MW  10:00a-11:15a LEC  3.00  CCD-115  McLaren,M
0268  15  TTH  09:00a-10:15a LEC  3.00  CCD-115  Granado,A  0270  25  TTH  11:00a-12:15p LEC  3.00  CCD-115  McLaren,M  Note: Ref. No. 0270 - 13 week class: 02/09 - 05/12
**CD 115 Health, Welfare, and Nutrition for Children** 3.00 Units
Training in health, nutrition, disaster preparedness for children or children with special needs, child abuse identification and prevention, caring for the mildly ill child.

Associate Degree Applicable

Course credit transfers to CSU.

DEPARTMENTAL RECOMMENDATION: Successful completion of CD 105

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**CD 126 Child, Family and Community** 3.00 Units
Examines the effects of family and community on a child's development. Interaction between children, family, school, peers, media and community are explored.

Associate Degree Applicable

Course credit transfers to CSU.

DEPARTMENTAL RECOMMENDATION: Successful completion of CD 105

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**CD 137 Play and Materials in Early Learning** 3.00 Units
In-depth studies of the dynamics of play and play materials for children including the rationale for play as a facilitator of learning. Emphasis on creating and implementing play environments for children.

Associate Degree Applicable

Course credit transfers to CSU.

DEPARTMENTAL RECOMMENDATION: CD 105

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**CD 205 Child Development Practicum** 4.00 Units
In this supervised field work class, students practice and demonstrate developmentally appropriate early childhood planning and teaching competencies under guided supervision. Students will utilize practical classroom experiences to make connections between theory and practice, develop professional behaviors, and build a comprehensive understanding of children and families.

Associate Degree Applicable

Course credit transfers to CSU.

PREREQUISITE: CD 105

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**CD 271 Administration: Management and Organization of Child Development** 3.00 Units
Study and practice of budgeting, funding, licensing, planning, organizing and managing a variety of programs for young children. The administrator's role, leadership style, program development, and ongoing organization. Meets permit and licensing training requirements for a Director or Site Supervisor.

Associate Degree Applicable

Course credit transfers to CSU.

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**CHC 062 Introduction to Online Learning** 1.00 Unit
Introduction to online learning with an emphasis on the skills necessary to become a successful online learner.

Graded on Credit/No Credit basis only.

Associate Degree Applicable

Note: This course should be taken before enrolling in an online course.

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Note: Ref. No. 0286 - 5 week class: 01/19 - 02/19

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Note: Ref. No. 0288 - 5 week class: 02/01 - 03/04

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Note: Ref. No. 0290 - 5 week class: 04/18 - 05/20

**CHC 090 College Study Skills and Strategies** 1.00 Unit
Comprehensive learning and academic strategies to assist students in developing an understanding of learning theories and academic principles, concepts, and strategies. Practical application with the goal of achieving or maximizing academic success.

Associate Degree Applicable

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This section is linked to ENGL-976-90, READ-980-90, and LRC-900X8-90. This means students enrolling in CHC-090-90 (directly above) must also enroll and remain enrolled in ENGL-976-90, READ-980-90, and LRC-900X8-90.

**CHC 100 Student Success and the College Experience** 3.00 Units
Introduction to the college experience, including academic and career self-assessment and strategies for success.

Associate Degree Applicable

Course credit transfers to both CSU and UC.

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**CHC 900 Essentials for Student Success** 3.00 Units
Introduction to academic success strategies and support services for basic skills students. Exploration of learning styles, study and time management techniques, motivation, memory, reading strategies, and academic and personal goals.

Not Applicable to the Associate Degree

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**CD 295 Elementary Laboratory** 3.00 Units
Supervised experience and participation in an elementary school setting including both K-3 and 4-6 classroom environments. Emphasis on understanding the role of the elementary school teacher, instructional methods, curriculum as it relates to grade level state standards, aiding literacy development, cooperative relationships with staff, parents, children and professional ethics of teaching.

Associate Degree Applicable

Course credit transfers to both CSU and UC.

DEPARTMENTAL RECOMMENDATION: Successful completion of CD 105

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Communication Studies

COMMST 100  Elements of Public Speaking  3.00 Units
Introductory study and training in public communication.
Associate Degree Applicable
Course credit transfers to both CSU and UC.
DEPARTMENTAL RECOMMENDATION: Concurrent enrollment in ENGL 015 or eligibility for ENGL 101

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Note: Ref. No. 0308 - 9 week class: 01/19 - 03/22

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

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Note: Ref. No. 0344 - 13 week class: 02/17 - 05/18

COMMST 125  Critical Thinking Through Argumentation and Debate  3.00 Units
Study of critical thinking through oral advocacy and debate. Principles of effective argumentation including logic, reasoning, evidence, motivation, persuasion and refutation. Preparation and presentation of written and oral arguments and participation in individual and group debates. Substantial analytical reading is required.
This course is also referred to as COMMST-125H.
Associate Degree Applicable
Course credit transfers to both CSU and UC.
PREREQUISITE: ENGL 101 or ENGL 101H
DEPARTMENTAL RECOMMENDATION: Successful completion of COMMST 100 or COMMST 100H

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Note: Ref. No. 0352 - 9 week class: 03/29 - 05/26

BOLD print on time pattern denotes evening classes
COMMST 125H Critical Thinking Through Argumentation and Debate-Honors 3.00 Units
Study of critical thinking through oral advocacy and debate. Principles of effective argumentation including logic, reasoning, evidence, motivation, persuasion and refutation. Preparation and presentation of written and oral arguments and participation in individual and group debates. Substantial analytical reading is required. This course includes content and experiences appropriate for students wishing to earn honors credit.
This course is also offered as COMMST-125.
Associate Degree Applicable
Course credit transfers to both CSU and UC.
PREREQUISITE: Acceptance into the College Honors Institute. ENGL 101 or ENGL 101H
DEPARTMENTAL RECOMMENDATION: Successful completion of COMMST 100 or COMMST 100H
0354 35 TTH 02:00p-04:50p LEC EAST-106 Urbanovich,J
Note: Ref. No. 0354 - 9 week class: 03/29 - 05/26

COMMST 174 Communication in a Diverse World 3.00 Units
Study of the multicultural nature of communication in our diverse world. Examines how interactions are influenced by culture. Exploration of personal cultural identity, theories of intercultural communication, sources of cultural conflict, and development of skills for effective intercultural communication.
Associate Degree Applicable
Course credit transfers to both CSU and UC.
0358 70 TH 10:00a-12:50p LEC EAST-106 Urbanovich,J
04/07/16
04/14/16
04/21/16
04/28/16
05/05/16
05/12/16
05/19/16
05/26/16
ARR 3 HRS/NK LEC - Urbanovich,J
Note: Ref. No. 0358 - 9 week class: 03/31 - 05/26
This hybrid class includes (9) nine 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 178 Communication in a Technological World 3.00 Units
Study of the evolving nature of communication in an increasingly technological world. Examination of the influence of technology on perception, personal relationships, self-identity and development of skills to effectively communicate in the digital world. Historical development of communication technology, critical analysis of mediated messages and the influence of technology on society and culture as well as individual physical, psychological and social development.
Associate Degree Applicable
Course credit transfers to both CSU and UC.
DEPARTMENTAL RECOMMENDATION: Eligibility for ENGL 101
0360 70 TH 10:00a-12:50p LEC EAST-106 Urbanovich,J
01/21/16
01/28/16
02/04/16
02/11/16
02/18/16

Computer Information Systems

CIS 101 Introduction to Computer and Information Technology 3.00 Units
Introduction to computer and information technology. Includes an overview and the use of computer software including word processing, spreadsheets, presentation applications and databases. No previous computer experience is required.
Associate Degree Applicable
Course credit transfers to both CSU and UC.
0362 10 M 08:00a-09:50a LEC CNTL-136 Papp,E
W 09:00a-09:50a LEC CNTL-136 Papp,E
Note: This course includes instruction on the use of the Microsoft Office 2013 Suite. All Crafton Hills College students are eligible to install Microsoft Office 2013 on up to five computers or tablets at no charge. Mac users enrolling in CIS 101 must download and install Oracle VM VirtualBox in order to run the Windows-compatible version of Microsoft Office 2013 required for the course. VirtualBox is available for download at www.virtualbox.org. For more information and instructions for downloading Microsoft Office, visit www.craftonhills.edu/current_students/software_discounts.
Assistance downloading and installing Microsoft Office, VirtualBox and MS Windows is available to students enrolled in CIS 101 in CNTL-136 during open computer lab hours.
0364 20 M 10:00a-11:50a LEC CNTL-136 Papp,E
Note: This course includes instruction on the use of the Microsoft Office 2013 Suite. All Crafton Hills College students are eligible to install Microsoft Office 2013 on up to five computers or tablets at no charge. Mac users enrolling in CIS 101 must download and install Oracle VM VirtualBox in order to run the Windows-compatible version of Microsoft Office 2013 required for the course. VirtualBox is available for download at www.virtualbox.org. For more information and instructions for downloading Microsoft Office, visit www.craftonhills.edu/current_students/software_discounts.
Assistance downloading and installing Microsoft Office, VirtualBox and MS Windows is available to students enrolled in CIS 101 in CNTL-136 during open computer lab hours.
0366 30 M 01:00p-02:50p LEC CNTL-136 Vasquez,A
W 01:00p-01:50p LEC CNTL-136 Vasquez,A
Note: This course includes instruction on the use of the Microsoft Office 2013 Suite. All Crafton Hills College students are eligible to install Microsoft Office 2013 on up to five computers or tablets at no charge. Mac users enrolling in CIS 101 must download and install Oracle VM VirtualBox in order to run the Windows-compatible version of Microsoft Office 2013 required for the course. VirtualBox is available for download at www.virtualbox.org. For more information and instructions for downloading Microsoft Office, visit www.craftonhills.edu/current_students/software_discounts.
Assistance downloading and installing Microsoft Office, VirtualBox and MS Windows is available to students enrolled in CIS 101 in CNTL-136 during open computer lab hours.
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<td>0368</td>
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<td>CNTL-136</td>
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Note: This course includes instruction on the use of the Microsoft Office 2013 Suite. All Crafton Hills College students are eligible to install Microsoft Office 2013 on up to five computers or tablets at no charge. Mac users enrolling in CIS 101 must download and install Oracle VM VirtualBox in order to run the Windows-compatible version of Microsoft Office 2013 required for the course. VirtualBox is available for download at www.virtualbox.org. For more information and instructions for downloading Microsoft Office 365, visit www.craftonhills.edu/current_students/software_discounts.

CIS 104  Object Oriented Programming with Visual Basic  3.00 Units
Introduction to object oriented programming using Visual Basic.
Associate Degree Applicable
Course credit transfers to CSU.

| 0380 | 60    | MW   | 07:00p-08:15p LEC | 3.00   | CNTL-136 | Nimir,A |

CIS 105  Database Concepts and Design  3.00 Units
Fundamentals of database concepts and design. Includes coverage of entity relationship diagrams, normalizing, and SQL.
Associate Degree Applicable
Course credit transfers to CSU.

| 0382 | 65    | TH   | 07:00p-09:50p LEC | 3.00   | CNTL-136 | Vasquez,A |

CIS 111  Web Page Programming and Design  3.00 Units
Introduction to web page design, programming and administration using HTML, XHTML, CSS and scripting languages.
Associate Degree Applicable
Course credit transfers to CSU.

| 0384 | 45    | TTH  | 04:30p-05:45p LEC | 3.00   | CNTL-134 | Mills,B   |

CIS 113  Java Programming  3.00 Units
Introduction to Java Programming. Includes program design and development, program logic structures, classes and objects, object-oriented design, inheritance, arrays, graphical user interfaces, and applets.
Associate Degree Applicable
Course credit transfers to both CSU and UC.
DEPARTMENTAL RECOMMENDATION: Successful completion of CIS 101

| 0386 | 30    | MW   | 01:00p-02:50p LEC | 3.00   | CNTL-135 | Walter,M  |

CIS 130  Hardware and Information Technology  3.00 Units
Hands-on course covering basic computer hardware, operating system software and utility programs, management and maintenance. Includes hardware components, troubleshooting as well as preparation for industry standard certification exams.
Associate Degree Applicable
DEPARTMENTAL RECOMMENDATION: Successful completion of CIS 101

| 0388 | 60    | W    | 07:00p-09:50p LEC | 3.00   | CNTL-135 | Romanow   |

CIS 140  Introduction to Networks (Cisco CCNA 1)  4.00 Units
First of four courses leading to the Cisco Certified Network Associate (CCNA) designation. Hands-on introduction to the architecture, structure, functions, components, and models of the Internet and other computer networks. Development of skills needed to build simple LANs, perform basic configurations for routers and switches, and implement IP addressing schemes.
Associate Degree Applicable
DEPARTMENTAL RECOMMENDATION: Successful completion of CIS 101

| 0390 | 70    | TTH  | 08:30a-10:45a LEC | 4.00   | CNTL-135 | Staff     |

Note: This course includes instruction on the use of the Microsoft Office 2013 Suite. All Crafton Hills College students are eligible to install Microsoft Office 2013 on up to five computers or tablets at no charge. Mac users enrolling in CIS 101 must download and install Oracle VM VirtualBox in order to run the Windows-compatible version of Microsoft Office 2013 required for the course. VirtualBox is available for download at www.virtualbox.org. For more information and instructions for downloading Microsoft Office 365, visit www.craftonhills.edu/current_students/software_discounts.

Assistant, downloading and installing Microsoft Office, VirtualBox and MS Windows is available to students enrolled in CIS 101 in CNTL-136 during open computer lab hours.
### CIS 174 Introduction to Adobe Premiere 3.00 Units

Foundational course in digital video editing using Adobe Premiere. Development of skills necessary to import video from a variety of sources and apply professional edits such as cuts, transitions, lower-third overlays, and soundtrack integration.

**Associate Degree Applicable**

**Course credit transfers to CSU.**

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<td>3.00</td>
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<td>Aranda,M</td>
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Note: Ref. No. 0402 - 13 week class: 02/18 - 05/19

### CIS 211 Cascading Style Sheet (CSS) Web Design 3.00 Units

In-depth study of Cascading Style Sheets (CSS) and their application to the design and development of websites.

**Associate Degree Applicable**

**Course credit transfers to CSU.**

**PREREQUISITE: CIS 111**

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### CSCI 120 Introduction to Computer Science II 3.00 Units

Object-oriented software development. Emphasizes software engineering principles and development for substantial programs. Topics include abstract data types, overloading, inheritance, polymorphism, recursion, pointers and fundamental data structures.

**Associate Degree Applicable**

**Course credit transfers to both CSU and UC.**

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

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<td>Ruiz,S</td>
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Note: This course includes instruction equivalent to a first-semester C++ course.

### CSCI 110 Introduction to Computer Science I 3.00 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 both CSU and UC.**

**PREREQUISITE: MATH 101 or MATH 102 or MATH 160 or eligibility for MATH 250 as determined through the Crafton Hills College assessment process**

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<td>3.00</td>
<td>CNTL-134</td>
<td>Yau,M</td>
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</table>

This hybrid class includes (18) eighteen 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.

### CSCI 230 Intro to Data Structures and Algorithms Algorithms 3.00 Units

Implementation and mathematical analysis of foundational data structures and algorithms. Topics include arrays, lists, stacks, queues, trees, hashing, heaps, analysis of algorithms, storage allocation and memory management techniques.

**Associate Degree Applicable**

**Course credit transfers to both CSU and UC.**

**PREREQUISITE: CSCI 120**

**DEPARTMENTAL RECOMMENDATION: Successful completion of CSCI 200**

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<th>Ref</th>
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This hybrid class includes 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.

**Dance**

**DANCE 101**  
Modern Dance I  
2.00 Units  
Introduction to the fundamentals of modern dance technique.  
**Associate Degree Applicable**  
Course credit transfers to both CSU and UC.  
---  
0416  35  TTH  02:00p-02:25p LEC  2.00  KHA-135  Schmidt,J  
---  
**DANCE 102**  
Modern Dance II  
2.00 Units  
A continuation of DANCE 101. Ongoing study of modern dance technique emphasizing structural improvisation and choreographed sequences at an intermediate level.  
**Associate Degree Applicable**  
Course credit transfers to both CSU and UC.  
---  
0418  35  TTH  02:00p-02:25p LEC  2.00  KHA-135  Schmidt,J  
---  
**DANCE 103**  
Ballet I  
2.00 Units  
Introduction to classical ballet movement. Fundamental ballet technique including barre exercise, center and across the floor combinations.  
**Associate Degree Applicable**  
Course credit transfers to both CSU and UC.  
---  
0420  25  TTH  11:00a-11:25a LEC  2.00  KHA-135  Rooney,K  
---  
**DANCE 143A**  
Funk/Hip Hop Dance I  
1.00 Unit  
Instruction in funk and hip hop dance for beginning students with little or no experience. Development of beginning level skills that will enable students to perform dance steps such as brake, pop style and up-tempo.  
**This course is also offered as KIN/D-143A.**  
**Associate Degree Applicable**  
Course credit limited transfer CSU & UC.  
**Contact a counselor for details.**  
---  
0422  30  MW  01:00p-02:15p LAB  1.00  KHA-135  Mason,E  
---  
**DANCE 143B**  
Funk/Hip Hop Dance II  
1.00 Unit  
Instruction in funk and hip hop dance for intermediate students with minimal experience. Further development of skills that will enable students to perform dance steps such as brake, pop style and up-tempo.  
**This course is also offered as KIN/D-143B.**  
**Associate Degree Applicable**  
Course credit limited transfer to CSU.  
**Contact a counselor for details.**  
---  
0424  30  MW  01:00p-02:15p LAB  1.00  KHA-135  Mason,E  
---  
**DANCE 143C**  
Funk/Hip Hop Dance III  
1.00 Unit  
Instruction in funk and hip hop dance for intermediate/advanced students who wish to clarify technical problems and deficiencies. Further development of skills that will enable students to perform more complicated dance steps.  
**This course is also offered as KIN/D-143C.**  
**Associate Degree Applicable**  
Course credit limited transfer to CSU.  
**Contact a counselor for details.**  
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0426  30  MW  01:00p-02:15p LAB  1.00  KHA-135  Mason,E

**Ref Sec** | **Days** | **Time** | **Method** | **Units** | **Room** | **Instructor**
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DANCE 143D  Funk/Hip Hop Dance IV  1.00 Unit  
Instruction in funk and hip hop dance for advanced students who wish to clarify technical problems and deficiencies and develop advanced dance and choreography skills.  
**This course is also offered as KIN/D-143D.**  
**Associate Degree Applicable**  
Course credit limited transfer to CSU.  
**Contact a counselor for details.**  
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0428  30  MW  01:00p-02:15p LAB  1.00  KHA-135  Mason,E

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**Ref Sec** | **Days** | **Time** | **Method** | **Units** | **Room** | **Instructor**
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DANCE 163A  Ballroom/Swing/Salsa I  1.00 Unit  
Beginning principles of Ballroom/Swing/Salsa dance.  
**This course is also offered as KIN/D-163A.**  
**Associate Degree Applicable**  
Course credit limited transfer CSU & UC.  
**Contact a counselor for details.**  
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0430  55  T  06:00p-08:50p LAB  1.00  KHA-133  Rooney,K
---  
0432  60  W  07:00p-09:50p LAB  1.00  KHA-133  Limon-Burbaj,M
---  
DANCE 163B  Ballroom/Swing/Salsa II  1.00 Unit  
Intermediate principles of Ballroom/Swing/Salsa dance.  
**Associate Degree Applicable**  
Course credit limited transfer to CSU.  
**Contact a counselor for details.**  
---  
0434  55  T  06:00p-08:50p LAB  1.00  KHA-133  Rooney,K
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0436  60  W  07:00p-09:50p LAB  1.00  KHA-133  Limon-Burbaj,M

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**Ref Sec** | **Days** | **Time** | **Method** | **Units** | **Room** | **Instructor**
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DANCE 163C  Ballroom/Swing/Salsa III  1.00 Unit  
Intermediate/advanced principles of Ballroom/Swing/Salsa dance.  
**Associate Degree Applicable**  
Course credit limited transfer to CSU.  
**Contact a counselor for details.**  
---  
0438  55  T  06:00p-08:50p LAB  1.00  KHA-133  Rooney,K
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0440  60  W  07:00p-09:50p LAB  1.00  KHA-133  Limon-Burbaj,M

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**Ref Sec** | **Days** | **Time** | **Method** | **Units** | **Room** | **Instructor**
--- | --- | --- | --- | --- | --- | ---
DANCE 163D  Ballroom/Swing/Salsa III  1.00 Unit  
Advanced principles of Ballroom/Swing/Salsa dance.  
**Associate Degree Applicable**  
Course credit limited transfer to CSU.  
**Contact a counselor for details.**  
---  
0442  55  T  06:00p-08:50p LAB  1.00  KHA-133  Rooney,K
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0444  60  W  07:00p-09:50p LAB  1.00  KHA-133  Limon-Burbaj,M

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**Ref Sec** | **Days** | **Time** | **Method** | **Units** | **Room** | **Instructor**
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DANCE 174X4  Dance Production Workshop  2.00 Units  
Preparation, rehearsal, production and performance of dance pieces.  
**This course is also offered as THART-174X.**  
**Associate Degree Applicable**  
Course credit limited transfer CSU & UC.  
**Contact a counselor for details.**  
**Note:** DANCE 174X4 may be taken 4 times  
**DEPARTMENTAL RECOMMENDATION:** Audition with instructor  
---  
0446  95  ARR  1 RRS/WK LEC  2.00  KHA-135  Rooney,K  
---  
**Note:** Ref. No. 0446 - 16 week class: 02/01 - 05/26  
---  
**Note:** This course includes performance experiences in dance recitals and productions at Crafton Hills College. All students must attend a MANDATORY orientation on 02/04/2016 at 6:00 pm in KHA 135 and participate in auditions on 02/11/2016 to successfully complete the course. Please contact Jeff Schmidt at jschmidt@craftonhills.edu or 909-389-3342 for more information.

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**BOLD print on time pattern denotes evening classes**
Economics

**ECON 100** Introduction to Economics 3.00 Units
Economic analysis applied to issues and problems facing the U.S. economy. Economic problems are analyzed with the elementary tools of economics as a way of evaluating alternative choices with respect to actual or hypothetical courses of actions.

- **Associate Degree Applicable**
- **Course credit transfers to CSU.**
- **Limited transfer to UC; contact a counselor for details.**
- **DEPARTMENTAL RECOMMENDATIONS:** Eligibility for ENGL 101. Eligibility for MATH 095.

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<td>M/W</td>
<td>10:00a-11:15a LEC</td>
<td>3.00</td>
<td>PSAH-226</td>
<td>Mansourian,F</td>
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</table>

**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.

- **Associate Degree Applicable**
- **Course credit transfers to both CSU and UC.**
- **PREREQUISITE:** MATH 090 or eligibility for MATH 095 as determined through the Crafton Hills College assessment process
- **DEPARTMENTAL RECOMMENDATION:** Successful completion of MATH 095 or eligibility for MATH 108. Eligibility for ENGL 101

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<tr>
<td>0450 35</td>
<td>TTH</td>
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<td>3.00</td>
<td>PSAH-224</td>
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**ECON 200H** Principles of Macroeconomics-Honors 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 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 Crafton Hills Institute. MATH 090 or eligibility for MATH 095 as determined through the Crafton Hills College assessment process
- **DEPARTMENTAL RECOMMENDATION:** Successful completion of MATH 095 or eligibility for MATH 108

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<td>PSAH-224</td>
<td>Mansourian,F</td>
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**ECON 201** Principles of Microeconomics 3.00 Units
An introduction to economic principles that govern production, exchange, distribution and consumption in a capitalist economy.

- **Associate Degree Applicable**
- **Course credit transfers to both CSU and UC.**
- **PREREQUISITE:** MATH 090 or eligibility for MATH 095 as determined through the Crafton Hills College assessment process
- **DEPARTMENTAL RECOMMENDATION:** Successful completion of MATH 095 or eligibility for MATH 108. Eligibility for ENGL 101

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<td>3.00</td>
<td>PSAH-224</td>
<td>Mansourian,F</td>
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</table>

**ECON 201H** Principles of Microeconomics-Honors 3.00 Units
An introduction to economic principles that govern production, exchange, distribution and consumption in a capitalist economy. 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. MATH 090 or eligibility for MATH 095 as determined through the Crafton Hills College assessment process
- **DEPARTMENTAL RECOMMENDATION:** Successful completion of MATH 095 or eligibility for MATH 108

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<tr>
<td>0464 10</td>
<td>W/M</td>
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<td>PSAH-224</td>
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Emergency Medical Services

**EMS 020** Emergency Medical Technician EMT-Basic 6.00 Units
Instruction in all facets of U.S. DOT T22CCR required of basic life support measures, CPR, and the use of appropriate emergency medical equipment and supplies.

- **Associate Degree Applicable**
- **Completion of ENGL 010 or eligibility for ENGL 101 as determined through the Crafton Hills College Assessment Process.**
- **COREQUISITES:** EMS 021, EMS 022, EMS 023
- **DEPARTMENTAL RECOMMENDATION:** Good dexterity, coordination, abilities to work in confined spaces, on the ground and in an unstable unpredictable environment.

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**EMS 021** Emergency Medical Technician EMT-A 6.00 Units
This section is linked to EMS-021-90, EMS-022-90, and EMS-023-90. This means students enrolling in EMS-020-90 (directly above) must also enroll and remain enrolled in EMS-021-90, EMS-022-90, and EMS-023-90.

- **FINANCIAL AID ALERT:** This cohort alone will not qualify for, or will reduce eligibility for Federal Financial Aids. Contact the Financial Aid Office (CCR-121); Registration for this course will close at noon on the day before the mandatory orientation.
- **NOTE:** There is a MANDATORY ORIENTATION on Saturday, 01/16/2016 from 9 am to 12 pm in the Performing Arts Center (PAC). Students must be 18 years old at time of registration.

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**EMS 023** Emergency Medical Technician EMT-F 6.00 Units
This means students enrolling in EMS-020-93 (directly above) must also enroll and remain enrolled in EMS-021-93, EMS-022-93, and EMS-023-93.

- **FINANCIAL AID ALERT:** This cohort alone will not qualify for, or will reduce eligibility for Federal Financial Aids. Contact the Financial Aid Office (CCR-121); Registration for this course will close at noon on the day before the mandatory orientation.
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<td>6.00</td>
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Spring 2016 Schedule of Classes

Crafton Hills College

- 13 -
FINANCIAL AID ALERT: This cohort alone will not qualify for, or will reduce eligibility for Federal Financial Aids. Contact the Financial Aid Office (CCR-121); Registration for this course will close at noon on the day before the mandatory orientation.

NOTE: There is a MANDATORY ORIENTATION on Saturday, 01/16/2016 from 9 am to 12 pm in the Performing Arts Center (PAC). Students must be 18 years old at time of registration.

EMS 021 Preventing Disease Transmission for Emergency Medical Technician/ 0.50 Unit

Disease transmission, infection control practices, including occupational exposure management and legal concerns. Designed for Emergency Medical Services, hospital and public safety personnel.

Graded on Credit/No Credit basis only.

Associate Degree Applicable

COREQUISITES: EMS 020, EMS 022, EMS 023

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EMS 022 Basic Life Support for Emergency Medical Technician-EMT 0.50 Unit

Knowledge and skills of cardiopulmonary resuscitation (CPR) for victims of all ages including ventilation devices, automated external defibrillator, and foreign body airway obstruction. This course meets the current Guidelines for Cardiopulmonary Resuscitation and Emergency Cardiac Care at the healthcare provider level. Graded on a Pass or No Pass basis only.

Graded on Credit/No Credit basis only.

Associate Degree Applicable

PREREQUISITE: Enrollment into EMS 020

COREQUISITES: EMS 020, EMS 021, and EMS 023

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<td>PSAH-109</td>
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<td>PSAH-109</td>
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EMOS 023 Hazardous Materials First Responder Awareness for Emergency Medical 0.50 Unit

Instruction in the recognition of hazardous materials events, action responses to the events and hazard assessment techniques. Satisfies the requirements for all healthcare workers at the hazardous materials awareness level. Graded on a Pass or No Pass basis only.

Graded on Credit/No Credit basis only.

Associate Degree Applicable

COREQUISITES: EMS 020, EMS 021, and EMS 022

0490 92 S 09:00a-12:50p LEC 0.50 PSAH-226 Commander,J
SU 02:00p-05:50p LEC PSAH-226 Commander,J
Note: Ref. No. 0490 - 1 week class: 02/06 - 02/06
This section is linked to EMS-020-92, EMS-021-92, and EMS-022-92.
This means students enrolling in EMS-023-92 (directly above) must also enroll and remain enrolled in EMS-020-92, EMS-021-92, and EMS-022-92.

FINANCIAL AID ALERT: This cohort alone will not qualify for, or will reduce eligibility for Federal Financial Aids. Contact the Financial Aid Office (CCR-121); Registration for this course will close at noon on the day before the mandatory orientation.

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0492 90 SU 09:00a-12:50p LEC 0.50 PSAH-226 Commander,J
SU 02:00p-05:50p LEC PSAH-226 Commander,J
Note: Ref. No. 0492 - 1 week class: 01/24 - 01/25
This section is linked to EMS-020-90, EMS-021-90, and EMS-022-90.
This means students enrolling in EMS-023-90 (directly above) must also enroll and remain enrolled in EMS-020-90, EMS-021-90, and EMS-022-90.

FINANCIAL AID ALERT: This cohort alone will not qualify for, or will reduce eligibility for Federal Financial Aids. Contact the Financial Aid Office (CCR-121); Registration for this course will close at noon on the day before the mandatory orientation.

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0494 91 SU 09:00a-12:50p LEC 0.50 PSAH-226 Commander,J
SU 02:00p-05:50p LEC PSAH-226 Commander,J
Note: Ref. No. 0494 - 1 week class: 02/07 - 02/07
This section is linked to EMS-020-91, EMS-021-91, and EMS-022-91.
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NOTE: There is a MANDATORY ORIENTATION on Saturday, 01/16/2016 from 9 am to 12 pm in the Performing Arts Center (PAC). Students must be 18 years old at time of registration.

0496 93 SU 09:00a-12:50p LEC 0.50 PSAH-226 Commander,J
SU 02:00p-05:50p LEC PSAH-226 Commander,J
Note: Ref. No. 0496 - 1 week class: 01/31 - 01/31
This section is linked to EMS-020-93, EMS-021-93, and EMS-022-93.
This means students enrolling in EMS-023-93 (directly above) must also enroll and remain enrolled in EMS-020-93, EMS-021-93, and EMS-022-93.

FINANCIAL AID ALERT: This cohort alone will not qualify for, or will reduce eligibility for Federal Financial Aids. Contact the Financial Aid Office (CCR-121); Registration for this course will close at noon on the day before the mandatory orientation.

NOTE: There is a MANDATORY ORIENTATION on Saturday, 01/16/2016 from 9 am to 12 pm in the Performing Arts Center (PAC). Students must be 18 years old at time of registration.

EMOS 025 Customer Service and Professionalism For the Emergency Services Worker 0.50 Unit

Preparation of the Emergency Medical Services student in customer service, communication skills, hiring processes and career awareness within the emergency services field. Graded on a Pass or No Pass basis only.

Graded on Credit/No Credit basis only.

Associate Degree Applicable

COREQUISITE: EMS 020

0498 90 SU 09:00a-12:50p LEC 0.50 LRC-231 Molloy,D
SU 02:00p-05:50p LEC LRC-231 Molloy,D
Note: Ref. No. 0498 - 1 week class: 04/17 - 04/17
Note: Registration opens 03/21/2016. Registration requires department approval.

EMOS 103 Mobile Intensive Care Nurse 2.25 Units

Orientation to advanced prehospital care protocols for the ICEMA Region (San Bernardino, Inyo and Mono Counties) and Riverside county. Provides comprehensive exploration of EMS systems, medical-legal concerns, and the role and responsibilities of the MICN. The lab sessions afford the student the opportunity to develop skills related to protocol utilization and radio communication. Graded on a Pass or No Pass basis only.

Graded on Credit/No Credit basis only.

Associate Degree Applicable

Course credit transfers to CSU.

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

0500 80 F 09:00a-12:50p LEC 2.25 PSAH-109 Staff
F 02:00p-05:50p LAB PSAH-109 Staff
ARR 3.6 HRS/WK CLINC OFFC-CLNC Staff
ARR 3.6 HRS/WK FIELD OFFC-FLD Staff
Note: Ref. No. 0500 - 5 week class: 02/19 - 03/25

EMOS 150 Patient Assessment for Paramedics 3.00 Units

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

Associate Degree Applicable

Course credit transfers to CSU.

PREREQUISITE: Admission into the EMT-Paramedic Program

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

0502 95 ARR 2.8 HRS/WK LEC 3.00 PSAH-109 Sandez,A
Note: Ref. No. 0502 - 19 week class: 01/12 - 05/26

EMOS 151 Introduction to EMS for Paramedics 2.00 Units

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

Associate Degree Applicable

Course credit transfers to CSU.

PREREQUISITE: Admission into the EMT-Paramedic Program

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

0504 95 ARR 1.8 HRS/WK LEC 2.00 PSAH-109 Holbrook,J
Note: Ref. No. 0504 - 19 week class: 01/12 - 05/26

EMOS 152 Cardiology for the Paramedic 4.50 Units

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

Associate Degree Applicable

Course credit transfers to CSU.

PREREQUISITE: Admission into the Paramedic Program

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

0506 95 ARR 4.25 HRS/WK LEC 4.50 PSAH-109 Word,D
Note: Ref. No. 0506 - 19 week class: 01/12 - 05/26

EMOS 153 Pharmacology for the EMT-Paramedic 3.00 Units

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

Associate Degree Applicable

Course credit transfers to CSU.

PREREQUISITE: Admission into the EMT-Paramedic Program

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

0508 95 ARR 2.8 HRS/WK LEC 3.00 PSAH-109 Holbrook,J
Note: Ref. No. 0508 - 19 week class: 01/12 - 05/26
EMS 155  | Skills Development for Paramedics  | 3.00 Units  
Paramedic skills and the equipment used in the treatment of pre-hospital advanced life support. This course will enhance the student’s knowledge of and ability to treat various traumatic and medical emergencies in the pre-hospital setting.

Associate Degree Applicable  
Course credit transfers to CSU.

PREREQUISITE: Admission into the EMT-Paramedic Program  
COREQUISITES: EMS 150, EMS 151, EMS 152, EMS 153, and EMS 154

0510 95 ARR 7.5 HRS/WK LEC 8.00 PSAH-109 Crow,K  
Note: Ref. No. 0510 – 19 week class: 01/12 – 05/26

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.

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

0514 95 ARR 16 HRS/WK CLINC 2.00 OFFC-CLINC Crews,C  
Note: Ref. No. 0514 – 11 week class: 01/13 – 03/31  
Class meets during spring break.  
Note: Ref. No. 0514 will be held at Clinic in Off-Campus Clinic.  
(See Building and Location section in this schedule for the address).

EMS 157  | Field Externship for the Paramedic  | 7.50 Units  
Coordination of advanced paramedic training with a field advanced life support unit. Opportunity to direct and engage in emergency intervention in traumatic and medical emergencies. This portion of the program will be on a paramedic unit in San Bernardino or Riverside County. Fulfills the requirements of Title 22 of the Health and Safety Code for paramedic field externship.

Associate Degree Applicable  
Course credit transfers to CSU.

PREREQUISITE: EMS 150

0516 95 ARR 33 HRS/WK FIELD 7.50 OFFP-FLD Word,D  
Note: Ref. No. 0516 – 19 week class: 04/15 – 08/19  
Note: Ref. No. 0516 will be held at Field in Off-Campus Field.  
(See Building and Location section in this schedule for the address).

EMS 160  | Didactic Refresher for the Paramedic  | 2.00 Units  
Provides students who were unsuccessful in one or more of the following courses: EMS 150, EMS 151, EMS 152, EMS 153, EMS 154 or EMS 155, an opportunity to refresh, strengthen and maintain their academic knowledge base.  
Graded on Credit/No Credit basis only.

Associate Degree Applicable  
PREREQUISITE: Provide proof of receiving a failing grade in one or more of the following courses: EMS 150, EMS 151, EMS 152, EMS 153, EMS 154 or EMS 155 within the previous 12 months

PREREQUISITE: Admission into the EMT-Paramedic Program

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

0518 95 ARR .8 HRS/WK LEC 2.00 PSAH-109 Crow,K  
LEC 2.7 HRS/WK LAB PSAH-109 Crow,K  
Note: Ref. No. 0518 – 20 week class: 01/12 – 05/26  
Note: The department's approval is required prior to registration. Class will continue to meet during spring break.

EMS 161  | Field Refresher for the Paramedic  | 2.00 Units  
Provides students who were unsuccessful in EMS 157, Field Externship for the Paramedic, an opportunity to refresh, strengthen and maintain their academic knowledge base and clinical skills prior to retaking EMS 157.  
Graded on Credit/No Credit basis only.

Associate Degree Applicable  
PREREQUISITE: Provide proof of receiving a failing grade in EMS 157, within the 12 months immediately preceding registration in EMS 161.

0520 96 ARR .8 HRS/WK LEC 2.00 PSAH-109 Word,D  
LEC 2.7 HRS/WK LAB PSAH-109 Word,D  
Note: Ref. No. 0520 – 20 week class: 01/12 – 05/26  
Note: The department's approval is required prior to registration. Class will continue to meet during spring break.

EMS 921  | Emergency Medical Technician Refresher/Transitional Course  | 2.00 Units  
Review of all facets of basic life-support measures used in Emergency Services, the use of medical equipment and supplies including the current terminology, techniques and materials.

Graded on Credit/No Credit basis only.

Not Applicable to the Associate Degree

able to present proof of a valid EMT certification in any county, state and National Registry which is current within the past 2 years or an accredited EMT course completion certificate within the past 1 year.

0522 80 T 09:00a-12:50p LEC 2.00 PSAH-111 Loera,A  
Note: Ref. No. 0522 – 4 week class: 01/26 – 02/16  
Note: This course may be repeated up to 10 times.

However, students must register in person with Admissions and Records.

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

0524 10 MW 08:00a-09:50a LEC 4.00 WEST-216 Davis,A  
0530 21 MW 10:00a-11:50a LEC 4.00 WEST-107 Dodd,J  
0532 90 TTH 08:00a-09:50a LEC 4.00 WEST-216 Langenfeld,E  
This section is linked to READ=980-90, CRC-990-90, and LRC-900X8-90. This means students enrolling in ENGL=976-90 (directly above) must also enroll and remain enrolled in READ=980-90, CRC=990-90, and LRC=900X8-90.  
0534 15 TTH 09:00a-10:50a LEC 4.00 WEST-110 Spence,C  
0538 26 TTH 11:00a-12:50p LEC 4.00 - Kovach,N  
0540 35 TTH 02:00p-03:50p LEC 4.00 WEST-108 Rinker,C  
0542 58 MW 05:00p-06:50p LEC 4.00 WEST-107 Staff  
0544 45 TTH 04:00p-05:50p LEC 4.00 WEST-109 Rinker,C  
0546 55 TTH 06:00p-07:50p LEC 4.00 WEST-109 Staff
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**ENGL 101H Freshman Composition-Honors 4.00 Units**

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

**Associate Degree Applicable**

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This section is linked to PSYCH-100-90. This means students enrolling in ENGL-101H (directly above) must also enroll and persist in the course.

**ENGL 102 Intermediate Composition and Critical Thinking 4.00 Units**

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

**Associate Degree Applicable**

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This section is linked to PSYCH-100-90. This means students enrolling in ENGL-102H (directly above) must also enroll and persist in the course.
### ENGL 102H Intermediate Composition and Critical Thinking-Honors

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

**DEPARTMENTAL REQUIREMENTS: ENGL 101H, acceptance into the College Honors Institute.**

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

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<td>04:00p-05:50p LEC</td>
<td>4.00</td>
<td>WEST-217</td>
<td>Staff</td>
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<tr>
<td>0686 91</td>
<td>TTH</td>
<td>06:00p-07:50p LEC</td>
<td>4.00</td>
<td>WEST-217</td>
<td>Hawkins,J</td>
</tr>
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</table>

**Note:** This section is linked to HIST-101-91. This means students enrolling in ENGL-102-91 (directly above) must also enroll and remain enrolled in HIST-101-91.

<table>
<thead>
<tr>
<th>Ref Sec</th>
<th>Days</th>
<th>Method</th>
<th>Units</th>
<th>Room</th>
<th>Instructor</th>
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<tr>
<td>0688 65</td>
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</tbody>
</table>

### ENGL 109 World Drama II

Survey of the history of the theater from the 1600's to the present.

This course is also offered as THART-109.

**DEPARTMENTAL REQUIREMENTS: ENGL 101H.**

**PREREQUISITE:** ENGL 101 or ENGL 101H

<table>
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<tr>
<th>Ref Sec</th>
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### ENGL 127 Introductory Literary Magazine Production: the Sand Canyon Review

Introductory study and production of the college literary magazine.

**DEPARTMENTAL REQUIREMENTS: ENGL 101H.**

**PREREQUISITE:** ENGL 101 or ENGL 101H

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<thead>
<tr>
<th>Ref Sec</th>
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<td>0704 50</td>
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<td>Hayes,A</td>
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### ENGL 128 Intermediate Literary Magazine Production: The Sand Canyon Review

Intermediate study and production of the college literary magazine.

**DEPARTMENTAL REQUIREMENTS: ENGL 101H.**

**PREREQUISITE:** ENGL 127

<table>
<thead>
<tr>
<th>Ref Sec</th>
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<tr>
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<td>4.00</td>
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### ENGL 152 Intermediate Composition and Literature

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

This course is also offered as ENGL-152H.

**DEPARTMENTAL REQUIREMENTS: ENGL 101H.**

**PREREQUISITE:** ENGL 101 or ENGL 101H

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<tr>
<th>Ref Sec</th>
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<tr>
<td>0710 70</td>
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<td>LEC</td>
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</table>

### ENGL 160 Literature by Women

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

**DEPARTMENTAL REQUIREMENTS: ENGL 101 or eligibility for ENGL 101 as determined through the Crafton Hills College assessment process.

<table>
<thead>
<tr>
<th>Ref Sec</th>
<th>Days</th>
<th>Method</th>
<th>Units</th>
<th>Room</th>
<th>Instructor</th>
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</table>

**Note:** Ref. No. 0712 - 13 week class: 02/22 - 05/25

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(locally 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 170 The Film Experience

Study of the basic elements of film art.

**DEPARTMENTAL REQUIREMENTS: Eligibility for ENGL 101.

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<thead>
<tr>
<th>Ref Sec</th>
<th>Days</th>
<th>Method</th>
<th>Units</th>
<th>Room</th>
<th>Instructor</th>
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<tbody>
<tr>
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<td>WEST-218</td>
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</table>

### ENGL 175 Literature and Religion of the Bible

Study of the English Bible as literature and as religion. Includes an examination of the types of literature found in the Bible, and the historical and religious context in which the literature was developed. Provides an extensive reading of the two testaments.

This course is also offered as RELIG-175.

**DEPARTMENTAL REQUIREMENTS: Eligibility for ENGL 101.

<table>
<thead>
<tr>
<th>Ref Sec</th>
<th>Days</th>
<th>Method</th>
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<td>3.00</td>
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</table>

### ENGL 261 Survey of American Literature II

Analysis of representative literary works of significant American writers since the Civil War through the present that includes the study of the historical and social context of the literature, and lives of important writers.

**DEPARTMENTAL REQUIREMENTS: ENGL 101 or ENGL 101H.

<table>
<thead>
<tr>
<th>Ref Sec</th>
<th>Days</th>
<th>Method</th>
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### ENGL 271 Survey of British Literature II

Analysis of representative literary works of significant British writers from the Romantic Period to the present that includes the study of the historical and social contexts of the literature as well as the lives of important writers.

**DEPARTMENTAL REQUIREMENTS: ENGL 101 or ENGL 101H.

<table>
<thead>
<tr>
<th>Ref Sec</th>
<th>Days</th>
<th>Method</th>
<th>Units</th>
<th>Room</th>
<th>Instructor</th>
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<td>0716 30</td>
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Environmental Science

<table>
<thead>
<tr>
<th>Course</th>
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</thead>
<tbody>
<tr>
<td>ENVS 101</td>
<td>Introduction to Environmental Science</td>
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A multidisciplinary introduction to environmental and natural resource issues with an emphasis on the relationship to the physical, chemical, and biological sciences.

This course is also offered as ENVS-101H. Associate Degree Applicable.

Course credit transfers to both CSU and UC. DEPARTMENTAL RECOMMENDATION: Eligibility for ENGL 101. Eligibility for MATH 095

<table>
<thead>
<tr>
<th>Ref Sec</th>
<th>Days</th>
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<th>Method</th>
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<th>Instructor</th>
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<tr>
<td>0720</td>
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<td>LEC</td>
<td>3.00</td>
<td>MODS-MD01</td>
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</table>

Fire Technology

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>FIRET 100</td>
<td>Fire Protection Organization</td>
<td>3.00</td>
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</table>

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

<table>
<thead>
<tr>
<th>Ref Sec</th>
<th>Days</th>
<th>Time</th>
<th>Method</th>
<th>Units</th>
<th>Room</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>0722</td>
<td>10</td>
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<tr>
<td>0724</td>
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<td>09:00a-10:15a</td>
<td>LEC</td>
<td>3.00</td>
<td>PSAH-215</td>
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</tbody>
</table>

| FIRET 101 | Fire Prevention Technology | 3.00 |

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

<table>
<thead>
<tr>
<th>Ref Sec</th>
<th>Days</th>
<th>Time</th>
<th>Method</th>
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<th>Room</th>
<th>Instructor</th>
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<td>TH</td>
<td>06:00p-08:50p</td>
<td>LEC</td>
<td>3.00</td>
<td>PSAH-213</td>
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</table>

| FIRET 102 | Fire Behavior and Combustion | 3.00 |

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

<table>
<thead>
<tr>
<th>Ref Sec</th>
<th>Days</th>
<th>Time</th>
<th>Method</th>
<th>Units</th>
<th>Room</th>
<th>Instructor</th>
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<tbody>
<tr>
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<td>3.00</td>
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</table>

Spring 2016 Schedule of Classes | Crafton Hills College
### Geographic Information System

**GIS 175 Introduction to Information Mapping**  
3.00 Units  
Associate Degree Applicable  
Course credit transfers to CSU.  
0752 65 TH 06:30p-09:50p LEC 3.00 CNTL-247 Staff  
Note: Ref. No. 0752 - 15 weak class: 02/04 - 05/19

### Geology

#### GEO 100 Physical Geology  
4.00 Units  
An introduction to the study of the earth. Laboratory studies are closely coordinated with the lecture topics.  
Associate Degree Applicable  
Course credit transfers to both CSU and UC.  
0754 40 MW 03:00p-04:15p LEC 4.00 CNTL-245 Roberts, C  
W 05:00p-07:50p LAB NRTH-109 Hughes, R  
0756 25 TTH 11:30a-12:45p LEC 4.00 NRTH-109 Hughes, R  
T 02:00p-04:50p LAB NRTH-109 Hughes, R

#### GEO 101H Introduction to Geology  
3.00 Units  
An introduction to the study of the earth with emphasis on the materials that make up the earth. This course is the same as the lecture component of GEO 100. Field trips are required in this course. This course is also offered as GEO-101H.  
Associate Degree Applicable  
Course credit transfers to both CSU and UC.  
0762 40 MW 03:00p-04:15p LEC 3.00 CNTL-245 Roberts, C  
0764 25 TTH 11:30a-12:45p LEC 3.00 NRTH-109 Hughes, R

#### GEO 101H Introduction to Geology-Honors  
3.00 Units  
An introduction to the study of the earth with emphasis on the materials that make up the earth. This course is the same as the lecture component of GEO 100. Field trips are required in this course. This course is also offered as GEO-101H.  
Associate Degree Applicable  
Course credit transfers to both CSU and UC.  
0765 40 MW 03:00p-04:15p LEC 3.00 CNTL-245 Roberts, C  
0766 25 TTH 11:30a-12:45p LEC 3.00 NRTH-109 Hughes, R

#### GEO 160 Geology Laboratory  
1.00 Unit  
Laboratory exercises designed to utilize the tools of geologic inquiry. The laboratory studies are closely coordinated with the lecture topics.  
Associate Degree Applicable  
Course credit transfers to both CSU and UC.  
PREREQUISITE: GEO 101 or GEO 101H  
0770 25 T 02:00p-04:50p LAB 1.00 NRTH-109 Hughes, R  
0772 50 W 05:00p-07:50p LAB 1.00 NRTH-109 Hughes, R

### Geography

#### GEOG 111H Physical Geography Laboratory-Honors  
1.00 Unit  
Laboratory exercises designed to utilize the tools of geographic inquiry. The laboratory studies are closely coordinated with the lecture topics. This course includes content and experiences appropriate for students wishing to earn honors credit.  
This course is also offered as GEOG-111H.  
Associate Degree Applicable  
Course credit transfers to both CSU and UC.  
PREREQUISITE/Corequisite: GEOG 110 or GEOG 110H  
0748 60 M 07:00p-09:50p LAB 1.00 NRTH-109 Hughes, R

#### GEOG 20 World Regional Geography  
3.00 Units  
An introduction to world geography emphasizing the nature of major world culture regions, their social structure, religions, governments and economics.  
Associate Degree Applicable  
Course credit transfers to both CSU and UC.  
0750 80 F 10:00a-12:50p LEC 3.00 CYN-116 Schmidt, L
<table>
<thead>
<tr>
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<th>Method</th>
<th>Units</th>
<th>Room</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>GEO 170</td>
<td>Geology History of the Great Basin</td>
<td>1.00 Unit</td>
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<tr>
<td>Discussion and observation of the physical and historical geology and natural history of the Great Basin province of the United States, with specific emphasis on the geology of Death Valley National Park.</td>
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<tr>
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<tr>
<td>Course credit transfers to CSU.</td>
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<tr>
<td>0774 95 W</td>
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<td>1.00</td>
<td>NRTH-107</td>
<td>Hughes,R</td>
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<tr>
<td>W 08:00p-09:20p LEC</td>
<td>NRTH-107</td>
<td>Hughes,R</td>
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<td>Hughes,R</td>
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<td>W 08:00p-09:20p LEC</td>
<td>NRTH-107</td>
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<tr>
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<td>NRTH-107</td>
<td>Hughes,R</td>
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</table>

Health

| Course credit transfers to both CSU and UC. |

DEPARTMENTAL RECOMMENDATION: Successful completion of GEO 100 or GEO 100H or GEO 101 and GEO 160 or GEO 101H and GEO 160. Eligibility for MATH 95. Eligibility for ENGL 101 |

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. |
| 0790 20 W  | 10:00a-11:15a LEC | 3.00  | KHA-103  | Hayes,C  |
| 0792 30 W  | 01:00p-02:15p LEC | 3.00  | KHA-103  | Maloney-Hinds,C  |
| Note: Ref. No. 0792 - 13 week class: 02/17 - 05/18 |
| 0794 25 TTH  | 11:00a-12:15p LEC | 3.00  | KHA-103  | Maloney-Hinds,C  |
| 0796 70 ARR  | 3 HRS/WK LEC  | 3.00  | -  | Maloney-Hinds,C |
| 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 CEC 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 and the psycho-social factors and stressors contributing to eating disorders. |
| This course is also offered as HEALTH-263H. |
| Associate Degree Applicable |
| Course credit transfers to both CSU and UC. |
| DEPARTMENTAL RECOMMENDATION: Eligibility for MATH 090 |
| 0806 10 W  | 08:30a-09:45a LEC | 3.00  | KHA-103  | Atkinson,A |
| 0808 35 TTH  | 02:00p-03:15p LEC | 3.00  | KHA-103  | Ledoux,J  |
| Note: Ref. No. 0808 - 13 week class: 02/16 - 05/19 |
| 0810 70 ARR  | 3 HRS/WK LEC  | 3.00  | -  | Ledoux,J |
| 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 CEC 062, Introduction to Online Learning. |

Health 263H  Nutrition and Health-Honors  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 and the psycho-social factors and stressors contributing to eating disorders. This course includes content and experiences appropriate for students wishing to earn honors credit. |
| This course is also offered as HEALTH-263. |
| Associate Degree Applicable |
| Course credit transfers to both CSU and UC. |
| PREREQUISITE: Acceptance into the College Honors Institute |
| 0816 50 W  | 05:00p-06:15p LEC | 3.00  | KHA-103  | Raykowski,A |
| 0818 65 T  | 07:00p-09:50p LEC | 3.00  | KHA-103  | Ford,P |

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. |
<p>| Associate Degree Applicable |
| Course credit transfers to both CSU and UC. |
| DEPARTMENTAL RECOMMENDATIONS: Eligibility for ENGL 101 |
| 0822 10 W  | 08:00a-09:15a LEC | 3.00  | EAST-101  | Snow,S |
| 0824 40 W  | 03:00p-04:15p LEC | 3.00  | EAST-101  | Beitscher,J |
| 0826 05 TTH  | 07:00p-08:15p LEC | 3.00  | EAST-101  | Kim,E |
| 0828 15 TTH  | 09:30a-10:45a LEC | 3.00  | EAST-101  | Beitscher,J |</p>
<table>
<thead>
<tr>
<th>Ref  Sec</th>
<th>Days</th>
<th>Time</th>
<th>Method</th>
<th>Units</th>
<th>Room</th>
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<tr>
<td>0830</td>
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<td>ARR</td>
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<td>LEC</td>
<td>3.00</td>
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<tr>
<td>0832</td>
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### HIST 100H History of the United States to 1877 - Honors

3.00 Units

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

**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

### 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

### HIST 105H 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 a nation. This course offers a higher level of intellectual rigor and scholarly content appropriate for students with a strong interest in history.

**Associate Degree Applicable**

Course credit transfers to both CSU and UC.

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

### HIST 109 California History

3.00 Units

Survey of California history from pre-Columbian period to the present. Introduction to key issues and developments in social, political, economic, technological, geographic and cultural aspects vital to the growth of California from a colonial outpost to a highly diverse modern state.

**Associate Degree Applicable**

Course credit transfers to both CSU and UC.

**DEPARTMENTAL RECOMMENDATION:** ENGL 015 or eligibility for ENGL 101 as determined through the Cuyama Hills College assessment process and Reading: Pass a standardized test of reading comprehension at or above the 12th grade level

### HIST 110 World Civilizations (3500 BCE-1500 CE)

3.00 Units

Survey of cross-cultural history emphasizing the art and literature, philosophy and religion, family and society, as well as the political, economic and technological contributions of the world’s civilizations from the earliest societies through the classical to 1500CE. The course focuses on the ethno-cultural traditions of the Middle East, Asia, Greece, Rome and medieval Europe.

**Associate Degree Applicable**

Course credit transfers to both CSU and UC.

**DEPARTMENTAL RECOMMENDATION:** Eligibility for ENGL 101
**HIST 170H  World Civilizations (3500 BCE-1500 CE) Honors  3.00 Units**
Study of cross-cultural history emphasizing the art and literature, philosophy and religion, family and society, as well as the political, economic and technological contributions of the world's civilizations from the earliest societies through the classical to 1500CE. The course focuses on the ethno-cultural traditions of the Middle East, Asia, Greece, Rome and medieval Europe. This course includes content and experiences appropriate for students wishing to earn honors credit.

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

**PREREQUISITE:** Acceptance into the College Honors Institute

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

0866 55 TH 06:00p-08:50p LEC 3.00 EAST-101 Lucier,B

**HIST 171  World Civilizations (1500 CE to the Present)  3.00 Units**
Study of cross-cultural history emphasizing the art and literature, philosophy and religion, family and society, as well as the political, economic and technological contributions of the world's civilizations from 1500CE to the present. This course focuses on modern western and non-western history, culture and socio-political structures and the effect of modern technology, colonialism and revolution in the world.

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

**DEPARTMENTAL RECOMMENDATION:** Eligibility for ENGL 101

0868 25 TTH 11:00a-12:15p LEC 3.00 EAST-101 Beitscher,J

**HUM 102  The Humanities II: Renaissance to Post Modern  3.00 Units**
Study of humanities through the arts and ideas of the Renaissance through the present. Development of the understanding of historical context, basic elements, meaning, form, and critical evaluation skills as they relate to the humanities.

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

**DEPARTMENTAL RECOMMENDATION:** Eligibility for ENGL 101

0872 20 MW 10:00a-11:50a LEC 3.00 PSAH-224 Acquistapace,K

**HUM 103  Humanities: The Arts and Culture of Los Angeles  1.00 Unit**
Study of humanities in Los Angeles through the major arts: architecture, film, music, sculpture, dance, drama, photography, literature, performance art, and painting. Development of the understanding of historical context, basic elements, meaning, form, and critical evaluation skills as they relate to the arts.

**Associate Degree Applicable**
Course credit transfers to CSU.

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

**JAPN 101  College Japanese I  5.00 Units**
Study of introductory Japanese language and culture, with special emphasis on communication in daily life. NOTE: This course corresponds to the first year of high school Japanese.

**Associate Degree Applicable**
Course credit limited transfer CSU & UC.

Contact a counselor for details.

0878 30 MW 01:00p-03:15p LEC 5.00 MODS-MOD2 Nunn,M

0880 15 TTH 10:30a-12:45p LEC 5.00 MODS-MOD2 Amaya,M

**JAPN 102  College Japanese II  5.00 Units**
A continuation of JAPN 101. Further development of students' listening, speaking, reading and writing skills.

NOTE: This course corresponds to the second year of high school Japanese.

**Associate Degree Applicable**
Course credit limited transfer CSU & UC.

Contact a counselor for details.

**PREREQUISITE:** JAPN 101

0882 10 MW 09:30a-11:45a LEC 5.00 MODS-MOD2 Nunn,M

**JAPN 104  College Japanese IV  5.00 Units**
A continuation of JAPN 103. Further development of students' listening, speaking, reading and writing skills.

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

**PREREQUISITE:** JAPN 103

0886 35 TTH 02:00p-04:15p LEC 5.00 MODS-MOD2 Amaya,M

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**Japanese**
## Kinesiology

### KIN 170 Lifeguarding 3.00 Units
The knowledge and skills required for deep water life-guarding, meeting the certificate requirements of the American Red Cross. This course is also offered as PBSF-170.

This course is also offered as PBSF-170.

**Associate Degree Applicable**

Course credit transfers to CSU.

Swim: front crawl, breaststroke or a combination of both without stopping to rest. Tread water for 2 minutes.

**Timed event:** swim 20 meters out to recover a 10 pound weight within 1 minute and 40 seconds.

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### KIN 200 Introduction to Kinesiology 3.00 Units
Introduction to the interdisciplinary study of human movement.

**Associate Degree Applicable**

Course credit transfers to both CSU and UC.

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**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 CRC 562, Introduction to Online Learning.

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**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 CRC 562, Introduction to Online Learning.

### KIN 970A Personal Fitness Assessment I 0.25 Unit
First time fitness assessment including cardiorespiratory fitness, muscular strength, muscular endurance, flexibility, body composition, blood pressure, health history, and dietary intake. After testing, recommendations for an exercise program and dietary guidance are given based on personal needs. Graded on Credit/No Credit basis only.

**Associate Degree Applicable**

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### KIN 970B Personal Fitness Assessment II 0.25 Unit
Fitness assessment designed for students who have already completed the fitness assessment once and are interested in reevaluation of cardiorespiratory fitness, muscular strength, muscular endurance, flexibility, body composition, blood pressure, health history, and dietary intake. Graded on Credit/No Credit basis only.

**Associate Degree Applicable**

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## Kinesiology-Dance Activities

### KIN/D 143A Funk/ Hip Hop Dance I 1.00 Unit
Instruction in funk and hip hop dance for beginning students with little or no experience. Development of beginning level skills that will enable students to perform dance steps such as brake, pop style and up-tempo. This course is also offered as DANCE-143A.

**Associate Degree Applicable**

Course credit limited transfer CSU & UC.

Contact a counselor for details.

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### KIN/D 143B Funk/ Hip Hop Dance II 1.00 Unit
Instruction in funk and hip hop dance for intermediate students with minimal experience. Further development of skills that will enable students to perform dance steps such as brake, pop style and up-tempo. This course is also offered as DANCE-143B.

**Associate Degree Applicable**

Course credit limited transfer to CSU.

Contact a counselor for details.

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### KIN/D 143C Funk/ Hip Hop Dance III 1.00 Unit
Instruction in funk and hip hop dance for intermediate/advanced students who wish to clarify technical problems and deficiencies. Further development of skills that will enable students to perform more complicated dance steps. This course is also offered as DANCE-143C.

**Associate Degree Applicable**

Course credit limited transfer to CSU.

Contact a counselor for details.

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### KIN/D 143D Funk/ Hip Hop Dance IV 1.00 Unit
Instruction in funk and hip hop dance for advanced students who wish to clarify technical problems and deficiencies and develop advanced dance and choreography skills. This course is also offered as DANCE-143D.

**Associate Degree Applicable**

Course credit limited transfer to CSU.

Contact a counselor for details.

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**Kinesiology-Fitness Activities**

**KIN/F 049 Basic Firefighter Physical Fitness**  
2.00 Units  
Physical fitness exercise, team work, disciplined precision cadence drilling and preparation for the fire agility physical fitness testing requirement for fire academy cadets.  
*This course is also offered as FIRET-049.*  
Associate Degree Applicable  
COREQUISITE: FIRET 115: Firefighter I Basic Training Academy

**KIN/F 105A Aerobic Conditioning I**  
1.00 Unit  
Aerobics training for beginning students. Activities to improve flexibility and strength with an emphasis on cardiorespiratory conditioning.  
(Formerly PE/F-105)  
Associate Degree Applicable  
Course credit limited transfer CSU & UC.  
Contact a counselor for details.

**KIN/D 163A Ballroom/Swing/Salsa I**  
1.00 Unit  
Beginning principles of Ballroom/Swing/Salsa dance.  
*This course is also offered as DANCE-163A.*  
Associate Degree Applicable  
Course credit limited transfer CSU & UC.  
Contact a counselor for details.

**KIN/D 163B Ballroom/Swing/Salsa II**  
1.00 Unit  
Intermediate principles of Ballroom/Swing/Salsa dance.  
*This course is also offered as DANCE-163C.*  
Associate Degree Applicable  
Course credit limited transfer CSU.  
Contact a counselor for details.

**KIN/D 163C Ballroom/Swing/Salsa III**  
1.00 Unit  
Intermediate/advanced principles of Ballroom/Swing/Salsa dance.  
*This course is also offered as DANCE-163D.*  
Associate Degree Applicable  
Course credit limited transfer CSU.  
Contact a counselor for details.

**KIN/D 163D Ballroom/Swing/Salsa IV**  
1.00 Unit  
Advanced principles of Ballroom/Swing/Salsa dance.  
Associate Degree Applicable  
Course credit limited transfer to CSU.  
Contact a counselor for details.

**KIN/F 105B Aerobic Conditioning II**  
1.00 Unit  
Aerobics training for intermediate students. Activities to improve flexibility and strength with an emphasis on cardiorespiratory conditioning.  
Associate Degree Applicable  
Course credit limited transfer to CSU.  
Contact a counselor for details.

**KIN/F 105C Aerobic Conditioning III**  
1.00 Unit  
Aerobics training for intermediate/advanced students. Activities to improve flexibility and strength with an emphasis on cardiorespiratory conditioning.  
Associate Degree Applicable  
Course credit limited transfer to CSU.  
Contact a counselor for details.

**KIN/F 105D Aerobic Conditioning IV**  
1.00 Unit  
Aerobics training for advanced students. Activities to improve flexibility and strength with an emphasis on cardiorespiratory conditioning.  
Associate Degree Applicable  
Course credit limited transfer to CSU.  
Contact a counselor for details.

**KIN/F 106A Total Body Fitness I**  
1.00 Unit  
Training designed for beginning-level students interested in improving cardiovascular fitness, flexibility, balance, muscular endurance and muscular strength. Incorporation of various cardiovascular, stretching and strength training regimens to promote optimal conditioning.  
Associate Degree Applicable  
Course credit limited transfer CSU & UC.  
Contact a counselor for details.

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**Ref Sec Days Time Method Units Room Instructor**

- **KIN/D 163A Ballroom/Swing/Salsa I**  
  1.00 Unit  
  Beginning principles of Ballroom/Swing/Salsa dance.  
  *This course is also offered as DANCE-163A.*  
  Associate Degree Applicable  
  Course credit limited transfer CSU & UC.  
  Contact a counselor for details.

- **KIN/D 163B Ballroom/Swing/Salsa II**  
  1.00 Unit  
  Intermediate principles of Ballroom/Swing/Salsa dance.  
  *This course is also offered as DANCE-163C.*  
  Associate Degree Applicable  
  Course credit limited transfer to CSU.  
  Contact a counselor for details.

- **KIN/D 163C Ballroom/Swing/Salsa III**  
  1.00 Unit  
  Intermediate/advanced principles of Ballroom/Swing/Salsa dance.  
  *This course is also offered as DANCE-163D.*  
  Associate Degree Applicable  
  Course credit limited transfer to CSU.  
  Contact a counselor for details.

- **KIN/D 163D Ballroom/Swing/Salsa IV**  
  1.00 Unit  
  Advanced principles of Ballroom/Swing/Salsa dance.  
  Associate Degree Applicable  
  Course credit limited transfer to CSU.  
  Contact a counselor for details.

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**Ref Sec Days Time Method Units Room Instructor**

- **KIN/F 105B Aerobic Conditioning II**  
  1.00 Unit  
  Aerobics training for intermediate students. Activities to improve flexibility and strength with an emphasis on cardiorespiratory conditioning.  
  Associate Degree Applicable  
  Course credit limited transfer to CSU.  
  Contact a counselor for details.

- **KIN/F 105C Aerobic Conditioning III**  
  1.00 Unit  
  Aerobics training for intermediate/advanced students. Activities to improve flexibility and strength with an emphasis on cardiorespiratory conditioning.  
  Associate Degree Applicable  
  Course credit limited transfer to CSU.  
  Contact a counselor for details.

- **KIN/F 105D Aerobic Conditioning IV**  
  1.00 Unit  
  Aerobics training for advanced students. Activities to improve flexibility and strength with an emphasis on cardiorespiratory conditioning.  
  Associate Degree Applicable  
  Course credit limited transfer to CSU.  
  Contact a counselor for details.

- **KIN/F 106A Total Body Fitness I**  
  1.00 Unit  
  Training designed for beginning-level students interested in improving cardiovascular fitness, flexibility, balance, muscular endurance and muscular strength. Incorporation of various cardiovascular, stretching and strength training regimens to promote optimal conditioning.  
  Associate Degree Applicable  
  Course credit limited transfer CSU & UC.  
  Contact a counselor for details.
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<td>KHA-132</td>
</tr>
<tr>
<td>1032</td>
<td>65</td>
<td>TTH</td>
<td>07:00p-08:15p</td>
<td>LAB</td>
<td>1.00</td>
<td>KHA-132</td>
</tr>
</tbody>
</table>

**KIN/F 106B Total Body Fitness II**

1.00 Unit

Training designed for intermediate-level students interested in improving cardiovascular fitness, flexibility, balance, muscular endurance and muscular strength. Incorporation of various cardiovascular, stretching and strength training regimens to promote optimal conditioning.

**Associate Degree Applicable**

**Course credit limited transfer to CSU.**

Contact a counselor for details.

**KIN/F 106C Total Body Fitness III**

1.00 Unit

Training designed for intermediate/advanced-level students interested in improving cardiovascular, flexibility, balance, muscular endurance and muscular strength. Incorporation of various cardiovascular, stretching and strength training regimens to promote optimal conditioning.

**Associate Degree Applicable**

**Course credit limited transfer to CSU.**

Contact a counselor for details.
<table>
<thead>
<tr>
<th>Ref Sec</th>
<th>Days</th>
<th>Time</th>
<th>Method</th>
<th>Units</th>
<th>Room</th>
<th>Instructor</th>
</tr>
</thead>
</table>
| KIN/F 108C | Resistance and Weight Training III | 1.00 Unit | Resistance training for intermediate/advanced students with moderate knowledge and skills of training. Development of a complete, individualized program incorporating more sophisticated routines including free weights, negative workouts, giant setting, pyramids and split routines.  
Associate Degree Applicable | Course credit limited transfer to CSU.  
Contact a counselor for details. |
| 1034 | 10 | MWF | 09:00a-09:50a LAB | 1.00 | KHA-132 | Ledoux,J |
| 1038 | 20 | MWF | 10:00a-10:50a LAB | 1.00 | KHA-132 | Ledoux,J |
| 1042 | 25 | TTH | 11:00a-12:15p LAB | 1.00 | KHA-132 | Ledoux,J |
| 1044 | 60 | MW | 07:00p-08:15p LAB | 1.00 | KHA-132 | Swanson,J |
| 1046 | 65 | TTH | 07:00p-08:15p LAB | 1.00 | KHA-132 | Hayes,C |

<table>
<thead>
<tr>
<th>Ref Sec</th>
<th>Days</th>
<th>Time</th>
<th>Method</th>
<th>Units</th>
<th>Room</th>
<th>Instructor</th>
</tr>
</thead>
</table>
| KIN/F 108D | Resistance & Weight Training IV | 1.00 Unit | Resistance training for advanced students with substantial knowledge and skills of training. Development of a dietary prescription and a complete, individualized program incorporating more sophisticated routines including free weights, negative workouts, giant setting, pyramids and split routines.  
Associate Degree Applicable | Course credit limited transfer to CSU.  
Contact a counselor for details. |
| 1048 | 10 | MWF | 09:00a-09:50a LAB | 1.00 | KHA-132 | Ledoux,J |
| 1052 | 20 | MWF | 10:00a-10:50a LAB | 1.00 | KHA-132 | Ledoux,J |
| 1056 | 25 | TTH | 11:00a-12:15p LAB | 1.00 | KHA-132 | Ledoux,J |
| 1058 | 60 | MW | 07:00p-08:15p LAB | 1.00 | KHA-132 | Swanson,J |
| 1060 | 65 | TTH | 07:00p-08:15p LAB | 1.00 | KHA-132 | Hayes,C |

<table>
<thead>
<tr>
<th>Ref Sec</th>
<th>Days</th>
<th>Time</th>
<th>Method</th>
<th>Units</th>
<th>Room</th>
<th>Instructor</th>
</tr>
</thead>
</table>
| KIN/F 127A | Walking for Fitness I | 1.00 Unit | Beginning-level walking suitable for individuals of all ages and fitness levels. Incorporation of various walking routes designed to promote walking endurance, cardiovascular health and general well-being.  
(Formerly PE/I-127)  
Associate Degree Applicable | Course credit limited transfer CSU & UC.  
Contact a counselor for details. |
| 1062 | 10 | MWF | 08:00a-08:50a LAB | 1.00 | KHA-132 | Ledoux,J |
| 1064 | 20 | MWF | 12:00p-12:50p LAB | 1.00 | KHA-132 | Poffek,C |

<table>
<thead>
<tr>
<th>Ref Sec</th>
<th>Days</th>
<th>Time</th>
<th>Method</th>
<th>Units</th>
<th>Room</th>
<th>Instructor</th>
</tr>
</thead>
</table>
| KIN/F 127B | Walking for Fitness II | 1.00 Unit | Intermediate-level walking suitable for individuals with moderate, low-intensity walking experience. Incorporation of various walking routes including hills designed to promote walking endurance, cardiovascular health and general well-being.  
Associate Degree Applicable | Course credit limited transfer to CSU.  
Contact a counselor for details. |
| 1066 | 10 | MWF | 08:00a-08:50a LAB | 1.00 | KHA-132 | Ledoux,J |
| 1068 | 20 | MWF | 12:00p-12:50p LAB | 1.00 | KHA-132 | Poffek,C |

<table>
<thead>
<tr>
<th>Ref Sec</th>
<th>Days</th>
<th>Time</th>
<th>Method</th>
<th>Units</th>
<th>Room</th>
<th>Instructor</th>
</tr>
</thead>
</table>
| KIN/F 127C | Walking for Fitness III | 1.00 Unit | Intermediate/advanced-level walking suitable for individuals that are conditioned to walk two to three miles at an intermediate pace. Incorporation of various walking routes designed to promote walking endurance, walking speed, cardiovascular health and general well-being.  
Associate Degree Applicable | Course credit limited transfer to CSU.  
Contact a counselor for details. |
| 1070 | 10 | MWF | 08:00a-08:50a LAB | 1.00 | KHA-132 | Ledoux,J |
| 1072 | 20 | MWF | 12:00p-12:50p LAB | 1.00 | KHA-132 | Poffek,C |

<table>
<thead>
<tr>
<th>Ref Sec</th>
<th>Days</th>
<th>Time</th>
<th>Method</th>
<th>Units</th>
<th>Room</th>
<th>Instructor</th>
</tr>
</thead>
</table>
| KIN/F 127D | Walking for Fitness IV | 1.00 Unit | Advanced-level walking suitable for individuals that are conditioned to walk two to three miles at a fast pace. Incorporation of various walking routes including trails, hills and stairs designed to promote walking endurance, walking speed, cardiovascular health and general well-being.  
Associate Degree Applicable | Course credit limited transfer to CSU.  
Contact a counselor for details. |
| 1074 | 10 | MWF | 08:00a-08:50a LAB | 1.00 | KHA-132 | Ledoux,J |
| 1076 | 20 | MWF | 12:00p-12:50p LAB | 1.00 | KHA-132 | Poffek,C |

Note: Noontime Walking Group. This section will feature walking regimens designed to be completed within the lunch hour and suitable for individuals of all fitness levels. Mutual support, teambuilding and positive motivation will be emphasized.

<table>
<thead>
<tr>
<th>Ref Sec</th>
<th>Days</th>
<th>Time</th>
<th>Method</th>
<th>Units</th>
<th>Room</th>
<th>Instructor</th>
</tr>
</thead>
</table>
| KIN/F 155A | Conditioning With the Pilates Method I | 1.00 Unit | Introduction to the Pilates method combining beginning level yoga and strength training. Focuses on improvement of strength and flexibility with minimal stress to the body. Recommended for students of all fitness levels including students with physical limitations.  
(Formerly PE/I-155)  
Associate Degree Applicable | Course credit limited transfer CSU & UC.  
Contact a counselor for details. |
| 1078 | 25 | TTH | 11:00a-12:15p LAB | 1.00 | KHA-133 | Alblinger,D |

<table>
<thead>
<tr>
<th>Ref Sec</th>
<th>Days</th>
<th>Time</th>
<th>Method</th>
<th>Units</th>
<th>Room</th>
<th>Instructor</th>
</tr>
</thead>
</table>
| KIN/F 155B | Conditioning With the Pilates Method II | 1.00 Unit | Further development of Pilates technique combining intermediate level yoga and strength training. Review of fundamental technique and focus on continued improvement of strength and flexibility with minimal stress to the body. Recommended for students of all fitness levels, including students with physical limitations.  
Associate Degree Applicable | Course credit limited transfer to CSU.  
Contact a counselor for details. |
| 1080 | 25 | TTH | 11:00a-12:15p LAB | 1.00 | KHA-133 | Alblinger,D |

<table>
<thead>
<tr>
<th>Ref Sec</th>
<th>Days</th>
<th>Time</th>
<th>Method</th>
<th>Units</th>
<th>Room</th>
<th>Instructor</th>
</tr>
</thead>
</table>
| KIN/F 155C | Conditioning With the Pilates Method III | 1.00 Unit | Further development of Pilates technique combining intermediate/advanced level yoga and strength training. Review of fundamental technique and focus on continued improvement of strength and flexibility with minimal stress to the body. Recommended for students of all fitness levels, including students with physical limitations.  
Associate Degree Applicable | Course credit limited transfer to CSU.  
Contact a counselor for details. |
| 1082 | 25 | TTH | 11:00a-12:15p LAB | 1.00 | KHA-133 | Alblinger,D |

<table>
<thead>
<tr>
<th>Ref Sec</th>
<th>Days</th>
<th>Time</th>
<th>Method</th>
<th>Units</th>
<th>Room</th>
<th>Instructor</th>
</tr>
</thead>
</table>
| KIN/F 155D | Conditioning With the Pilates Method IV | 1.00 Unit | Further development of Pilates technique combining advanced level yoga and strength training. Review of fundamental technique and focus on continued improvement of strength and flexibility with minimal stress to the body. Recommended for students of all fitness levels, including students with physical limitations.  
Associate Degree Applicable | Course credit limited transfer to CSU.  
Contact a counselor for details. |
| 1084 | 25 | TTH | 11:00a-12:15p LAB | 1.00 | KHA-133 | Alblinger,D |
### KIN/F 168A Yoga I

- **Units:** 1.00

Yoga training suitable for individuals of all ages and fitness levels. Beginning principles of yoga with an introduction to basic yoga poses and breathing, focusing on improved flexibility and strength.

**Formerly PE/I-168**

<table>
<thead>
<tr>
<th>Ref Sec</th>
<th>Days</th>
<th>Time</th>
<th>Method</th>
<th>Units</th>
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<th>Instructor</th>
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<td>1109</td>
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<tr>
<td>1110</td>
<td>MW</td>
<td>09:00a-10:15a LAB</td>
<td>1.00</td>
<td>KHA-133</td>
<td>Aniello,L</td>
<td></td>
</tr>
</tbody>
</table>

### KIN/F 168B Yoga II

- **Units:** 1.00

Yoga training suitable for individuals of all ages and fitness levels. Principles of yoga with an emphasis on the practice of intermediate yoga poses.

**Associate Degree Applicable**

<table>
<thead>
<tr>
<th>Ref Sec</th>
<th>Days</th>
<th>Time</th>
<th>Method</th>
<th>Units</th>
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<tr>
<td>1112</td>
<td>MW</td>
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<td>1.00</td>
<td>KHA-132</td>
<td>Maloney-Hinds,C</td>
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</tr>
<tr>
<td>1113</td>
<td>MW</td>
<td>03:00p-04:15p LAB</td>
<td>1.00</td>
<td>KHA-132</td>
<td>Maloney-Hinds,C</td>
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<tr>
<td>1114</td>
<td>MW</td>
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<td>1.00</td>
<td>KHA-132</td>
<td>Maloney-Hinds,C</td>
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</tbody>
</table>

### KIN/F 168C Yoga III

- **Units:** 1.00

Yoga training suitable for individuals of all ages and fitness levels. Intermediate/advanced principles of yoga with an emphasis on the practice and mastery of yoga poses.

**Associate Degree Applicable**

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<tr>
<th>Ref Sec</th>
<th>Days</th>
<th>Time</th>
<th>Method</th>
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<td>1116</td>
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<tr>
<td>1117</td>
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<td>03:00p-04:15p LAB</td>
<td>1.00</td>
<td>KHA-133</td>
<td>Aniello,L</td>
<td></td>
</tr>
</tbody>
</table>

### KIN/F 168D Yoga IV

- **Units:** 1.00

Advanced principles of yoga with an emphasis on the mastery of yoga poses. More physically challenging poses focusing on the development of isometric strength, flexibility, balance and the connection between the mind and body.

**Associate Degree Applicable**

<table>
<thead>
<tr>
<th>Ref Sec</th>
<th>Days</th>
<th>Time</th>
<th>Method</th>
<th>Units</th>
<th>Room</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>1120</td>
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<tr>
<td>1121</td>
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<td>03:00p-04:15p LAB</td>
<td>1.00</td>
<td>KHA-133</td>
<td>Aniello,L</td>
<td></td>
</tr>
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</table>

### KIN/F 173A Water Aerobics and Deep Water Exercise I

- **Units:** 1.00

Instruction in basic fitness concepts and water exercise. Development of strength, flexibility, balance, coordination and cardiovascular fitness within a water aerobic format.

**Formerly PE/I-173**

<table>
<thead>
<tr>
<th>Ref Sec</th>
<th>Days</th>
<th>Time</th>
<th>Method</th>
<th>Units</th>
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<th>Instructor</th>
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<tbody>
<tr>
<td>1141</td>
<td>MW</td>
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<td>1.00</td>
<td>KHA-133</td>
<td>Maloney-Hinds,C</td>
<td></td>
</tr>
</tbody>
</table>

### KIN/F 173B Water Aerobics and Deep Water Exercise II

- **Units:** 1.00

Instruction in intermediate-level fitness concepts and water exercise. Further development of strength, flexibility, movement memory, balance, coordination and cardiovascular fitness within a water aerobic format.

**Associate Degree Applicable**

<table>
<thead>
<tr>
<th>Ref Sec</th>
<th>Days</th>
<th>Time</th>
<th>Method</th>
<th>Units</th>
<th>Room</th>
<th>Instructor</th>
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</thead>
<tbody>
<tr>
<td>1142</td>
<td>MW</td>
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<td>1.00</td>
<td>KHA-133</td>
<td>Maloney-Hinds,C</td>
<td></td>
</tr>
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</table>

### KIN/F 173C Water Aerobics and Deep Water Exercise III

- **Units:** 1.00

Instruction in intermediate/advanced-level fitness concepts and water exercise. Further development of strength, flexibility, movement memory, balance, coordination and cardiovascular fitness within a water aerobic format.

**Associate Degree Applicable**

<table>
<thead>
<tr>
<th>Ref Sec</th>
<th>Days</th>
<th>Time</th>
<th>Method</th>
<th>Units</th>
<th>Room</th>
<th>Instructor</th>
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<tr>
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<td>MW</td>
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<td>1.00</td>
<td>KHA-133</td>
<td>Maloney-Hinds,C</td>
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</table>

### KIN/F 173D Water Aerobics and Deep Water Exercise IV

- **Units:** 1.00

Instruction in advanced-level fitness concepts and water exercise. Further development of strength, flexibility, movement memory, balance, coordination and cardiovascular fitness within a water aerobic format.

**Associate Degree Applicable**

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<thead>
<tr>
<th>Ref Sec</th>
<th>Days</th>
<th>Time</th>
<th>Method</th>
<th>Units</th>
<th>Room</th>
<th>Instructor</th>
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<td>1144</td>
<td>MW</td>
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<td>1.00</td>
<td>KHA-133</td>
<td>Maloney-Hinds,C</td>
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</tr>
</tbody>
</table>

### KIN/F 173E Hiking for Fitness I

- **Units:** 1.00

Instruction in beginning-level hiking techniques suitable for individuals of all ages and fitness levels. Incorporates various hiking routes on and off campus. Designed to promote cardiovascular health and general well-being.

**Formerly PE/I-191**

<table>
<thead>
<tr>
<th>Ref Sec</th>
<th>Days</th>
<th>Time</th>
<th>Method</th>
<th>Units</th>
<th>Room</th>
<th>Instructor</th>
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<tbody>
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<td>1.00</td>
<td>KHA-133</td>
<td>Maloney-Hinds,C</td>
<td></td>
</tr>
</tbody>
</table>

### KIN/F 173F Hiking for Fitness II

- **Units:** 1.00

Instruction in intermediate-level hiking techniques suitable for individuals of all ages and fitness levels. Designed to further promote cardiovascular health and general well-being. Includes preparation for day trip hikes.

**Associate Degree Applicable**

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<thead>
<tr>
<th>Ref Sec</th>
<th>Days</th>
<th>Time</th>
<th>Method</th>
<th>Units</th>
<th>Room</th>
<th>Instructor</th>
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<tbody>
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<td>1148</td>
<td>MW</td>
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<td>1.00</td>
<td>KHA-133</td>
<td>Maloney-Hinds,C</td>
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</tr>
</tbody>
</table>

### KIN/F 173G Hiking for Fitness III

- **Units:** 1.00

Instruction in intermediate/advanced-level hiking techniques incorporating hiking routes on and off campus. Designed to further promote cardiovascular health and general well-being. Includes preparation for longer day hikes.

**Associate Degree Applicable**

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<tr>
<th>Ref Sec</th>
<th>Days</th>
<th>Time</th>
<th>Method</th>
<th>Units</th>
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<th>Instructor</th>
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<td>MW</td>
<td>03:00p-04:15p LAB</td>
<td>1.00</td>
<td>KHA-133</td>
<td>Maloney-Hinds,C</td>
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</tr>
</tbody>
</table>

### KIN/F 173H Hiking for Fitness IV

- **Units:** 1.00

Instruction in advanced-level hiking techniques suitable for individuals of all ages and fitness levels. Designed to further promote cardiovascular health and general well-being. Includes preparation for longer day hikes.

**Associate Degree Applicable**

<table>
<thead>
<tr>
<th>Ref Sec</th>
<th>Days</th>
<th>Time</th>
<th>Method</th>
<th>Units</th>
<th>Room</th>
<th>Instructor</th>
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</thead>
<tbody>
<tr>
<td>1152</td>
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<td>1.00</td>
<td>KHA-133</td>
<td>Maloney-Hinds,C</td>
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</tr>
</tbody>
</table>

### KIN/F 173I Hiking for Fitness V

- **Units:** 1.00

Instruction in intermediate-level hiking techniques suitable for individuals of all ages and fitness levels. Designed to further promote cardiovascular health and general well-being. Includes preparation for longer day hikes.

**Associate Degree Applicable**

<table>
<thead>
<tr>
<th>Ref Sec</th>
<th>Days</th>
<th>Time</th>
<th>Method</th>
<th>Units</th>
<th>Room</th>
<th>Instructor</th>
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<tbody>
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<td>1154</td>
<td>MW</td>
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<td>1.00</td>
<td>KHA-133</td>
<td>Maloney-Hinds,C</td>
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</tr>
</tbody>
</table>
Kinesiology - Sports & Skill Activities

**KIN/S 116A Soccer I** 1.00 Unit
Instruction in the beginning level skills, techniques, strategies, and rules of the sport of soccer.

- **Ref Sec**: 1158
- **Days**: TTH
- **Time**: 09:00a-10:15a
- **Method**: LAB
- **Units**: 1.00
- **Room**: KHA-135
- **Instructor**: Hayes, C

**KIN/S 116B Soccer II** 1.00 Unit
Instruction in the intermediate level skills, techniques, strategies, and rules of the sport of soccer.

- **Ref Sec**: 1160
- **Days**: TTH
- **Time**: 09:00a-10:15a
- **Method**: LAB
- **Units**: 1.00
- **Room**: KHA-135
- **Instructor**: Hayes, C

**KIN/S 116C Soccer III** 1.00 Unit
Instruction in the intermediate/advanced level skills, techniques, strategies, and rules of the sport of soccer.

- **Ref Sec**: 1162
- **Days**: TTH
- **Time**: 09:00a-10:15a
- **Method**: LAB
- **Units**: 1.00
- **Room**: KHA-135
- **Instructor**: Hayes, C

**KIN/S 116D Soccer IV** 1.00 Unit
Instruction in the advanced-level skills, techniques, strategies, and rules of the sport of soccer.

- **Ref Sec**: 1164
- **Days**: TTH
- **Time**: 09:00a-10:15a
- **Method**: LAB
- **Units**: 1.00
- **Room**: KHA-135
- **Instructor**: Hayes, C

**KIN/S 118A Tennis I** 1.00 Unit
Development of beginning-level playing and competitive skills for the benefits of lifetime participation in the sport of tennis.

- **Ref Sec**: 1190
- **Days**: TTH
- **Time**: 11:00a-12:15p
- **Method**: LAB
- **Units**: 1.00
- **Room**: TC-CRTS
- **Instructor**: Rabago, R

**KIN/S 118B Tennis II** 1.00 Unit
Continued development of playing and competitive skills for the benefits of lifetime participation in the sport of tennis.

- **Ref Sec**: 1192
- **Days**: TTH
- **Time**: 11:00a-12:15p
- **Method**: LAB
- **Units**: 1.00
- **Room**: TC-CRTS
- **Instructor**: Rabago, R
<table>
<thead>
<tr>
<th>Ref Sec</th>
<th>Days</th>
<th>Time</th>
<th>Method</th>
<th>Units</th>
<th>Room</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>KIN/S 148C</td>
<td>Tennis III</td>
<td>1.00 Unit</td>
<td>Development of playing and competitive skills for the benefits of lifetime participation in the sport of tennis. Instruction in intermediate/advanced-level skills, techniques, strategies, along with rules and etiquette.</td>
<td>Associate Degree Applicable</td>
<td>Course credit limited transfer to CSU.</td>
<td>Contact a counselor for details.</td>
</tr>
<tr>
<td>KIN/S 148D</td>
<td>Tennis IV</td>
<td>1.00 Unit</td>
<td>Development of playing and competitive skills for the benefits of lifetime participation in the sport of tennis. Instruction in advanced-level skills, techniques, strategies, along with rules and etiquette.</td>
<td>Associate Degree Applicable</td>
<td>Course credit limited transfer to CSU.</td>
<td>Contact a counselor for details.</td>
</tr>
<tr>
<td>KIN/S 159A</td>
<td>Karate I</td>
<td>1.00 Unit</td>
<td>Practice in the beginning-level skills of unarmed self-defense.</td>
<td>(Formerly KIN/F-164B)</td>
<td>Associate Degree Applicable</td>
<td>Course credit limited transfer CSU &amp; UC.</td>
</tr>
<tr>
<td>KIN/S 159B</td>
<td>Karate II</td>
<td>1.00 Unit</td>
<td>Practice in the intermediate-level skills of unarmed self-defense.</td>
<td>Associate Degree Applicable</td>
<td>Course credit limited transfer to CSU.</td>
<td>Contact a counselor for details.</td>
</tr>
<tr>
<td>KIN/S 159C</td>
<td>Karate III</td>
<td>1.00 Unit</td>
<td>Practice in the intermediate-level skills of unarmed self-defense.</td>
<td>Associate Degree Applicable</td>
<td>Course credit limited transfer to CSU.</td>
<td>Contact a counselor for details.</td>
</tr>
<tr>
<td>KIN/S 159D</td>
<td>Karate IV</td>
<td>1.00 Unit</td>
<td>Practice in the advanced-level skills of unarmed self-defense.</td>
<td>Associate Degree Applicable</td>
<td>Course credit limited transfer to CSU.</td>
<td>Contact a counselor for details.</td>
</tr>
<tr>
<td>KIN/S 164A</td>
<td>Swimming I</td>
<td>1.00 Unit</td>
<td>Instruction of beginning-level swimming skills and techniques for individuals of all ages and fitness levels. Comprehensive study of the history of swimming, introduction to swimming strokes, and basic water safety. Development of cardiovascular fitness through swimming activities.</td>
<td>(Formerly KIN/F-164A)</td>
<td>Associate Degree Applicable</td>
<td>Course credit limited transfer to CSU &amp; UC.</td>
</tr>
<tr>
<td>KIN/S 164B</td>
<td>Swimming II</td>
<td>1.00 Unit</td>
<td>Instruction of intermediate-level swimming skills and techniques for students with basic swimming knowledge and abilities. Comprehensive study of the history of swimming, swimming strokes, and basic water safety. Further development of cardiovascular fitness through swimming activities.</td>
<td>(Formerly KIN/F-164B)</td>
<td>Associate Degree Applicable</td>
<td>Course credit limited transfer to CSU.</td>
</tr>
<tr>
<td>KIN/S 164C</td>
<td>Swimming III</td>
<td>1.00 Unit</td>
<td>Instruction of intermediate/advanced swimming skills and techniques for students with intermediate swimming knowledge and abilities. Comprehensive study of the history of swimming, swimming strokes, and basic water safety. Further development of cardiovascular fitness through swimming activities.</td>
<td>(Formerly KIN/F-164C)</td>
<td>Associate Degree Applicable</td>
<td>Course credit limited transfer to CSU.</td>
</tr>
</tbody>
</table>

Note: Ref. No. 1196 - 13 week class: 02/16 - 05/19
Note: Ref. No. 1212 - 13 week class: 02/17 - 05/18
Note: Ref. No. 1218 - 13 week class: 02/17 - 05/18
Note: Ref. No. 1220 - 13 week class: 02/16 - 05/19

Note: The section will include instruction emphasizing stroke mechanics and swimming technique for students wishing to improve cardiovascular strength and endurance as well as overall swim performance.

Note: Students will be offered the opportunity to learn new swimming strokes and techniques, recognized federation in traditional karate. Belt exams are offered towards the end of the semester.

Note: Students will be offered the opportunity to earn course credit limited transfer to CSU.

Note: The section will feature swimming and other aquatic activities appropriate for individuals of all fitness levels who wish to improve their overall cardiovascular health.

Note: This section will include instruction emphasizing stroke mechanics and swimming technique for students wishing to improve overall swim performance.

Note: Ref. No. 1196 - 13 week class: 02/16 - 05/19

Note: Ref. No. 1212 - 13 week class: 02/17 - 05/18

Note: Ref. No. 1218 - 13 week class: 02/17 - 05/18

Note: Ref. No. 1220 - 13 week class: 02/16 - 05/19

Note: The section will feature swimming and other aquatic activities appropriate for individuals of all fitness levels who wish to improve their overall cardiovascular health.

Note: The section will feature swimming and other aquatic activities appropriate for individuals of all fitness levels who wish to improve their overall cardiovascular health.

Note: This section will include instruction emphasizing stroke mechanics and swimming technique for students wishing to improve overall swim performance.

Note: Ref. No. 1212 - 9 week class: 03/22 - 05/19

Note: The section will feature swimming and other aquatic activities appropriate for individuals of all fitness levels who wish to improve their overall cardiovascular health.

Note: This section will include instruction emphasizing stroke mechanics and swimming technique for students wishing to improve overall swim performance.

Note: The section will feature swimming and other aquatic activities appropriate for individuals of all fitness levels who wish to improve their overall cardiovascular health.

Note: This section will include instruction emphasizing stroke mechanics and swimming technique for students wishing to improve overall swim performance.
KIN/S 164D Swimming IV 1.00 Unit
Instruction of advanced swimming skills and techniques for students with advanced swimming knowledge and abilities. Comprehensive study of the history of swimming, swimming strokes, and basic water safety. Further development of cardiovascular fitness through swimming activities. (Formerly KIN/F-164D)

KIN/S 179A Team Sports I 1.00 Unit
Development of the playing skills for the benefit of lifetime participation in a variety of team sports. Instruction in rules and beginning-level skills, techniques, and strategies. (Formerly PE/T-130)

LIBR 100 Introduction to Library Research and Information Competency 3.00 Units
Introduces the fundamentals of information competency and the efficient use of library resources, electronic databases and the Internet through the process of evaluating, analyzing, and citing research materials and relevant issues surrounding the access and use of information. This course will prepare students for college-level research in all disciplines.

LRC 907 Learning Disability Assessment 0.50 Unit
Assessment for learning disabilities services eligibility. Group and individual testing, basic instruction in study skills, academic accommodations, and learning styles. Graded on Credit/No Credit basis only. Not Applicable to the Associate Degree

LRC 920 Self Advocacy and Strategies for Success 2.00 Units
Introduction to the legal rights and responsibilities of students with disabilities, self-advocacy, and strategies for accommodating limitations. Graded on Credit/No Credit basis only. Not Applicable to the Associate Degree

LRC 925 Access Technology Support Lab 0.50 Unit
Practical introduction to assistive technology for individuals with disabilities. Graded on Credit/No Credit basis only. (Formerly LRC-925X4)

Learning Resources
LRC 900X8 Supervised Tutoring 0.00 Unit
Provides academic support services to students enabling them to succeed in various content area classes, such as English, Math, Science, Foreign Language, and vocational courses. Activities may include supervised individual or group tutorial services, computer-assisted instruction, video viewing and testing. Graded on Credit/No Credit basis only.

Marketing
MARKET 100 Marketing Principles 3.00 Units
Principles and methods of marketing, as practiced by successfully managed business firms. Topics include demand analysis, forecasting, product development, price determination, distribution channels, material handling, advertising, and personal selling. Associate Degree Applicable
Course credit transfers to CSU.
DEPARTMENTAL RECOMMENDATION: Eligibility for ENGL 101

This section is linked to ENGL-976-90, READ-980-90, and CHC-090-90. This means students enrolling in LRC-900X8-90 (directly above) must also enroll and remain enrolled in ENGL-976-90, READ-980-90, and CHC-090-90.
Mathematics

MATH 903 Math Support Lab 0.50 Unit
Applications of study skills and specific skills and/or topics, individual assistance to supplement the linked corequisite course. Graded on Credit/No Credit basis only. 

PREREQUISITE: Not Applicable to the Associate Degree

COREQUISITE: Current enrollment in MATH 942, MATH 952, MATH 090, MATH 090A, MATH 090B, MATH 090C, MATH 095A, MATH 095B or MATH 095C

MATH 942 Arithmetic 4.00 Units
The study of the fundamental operations involving whole numbers, fractions, and decimals. Not Applicable to the Associate Degree

PREREQUISITE: Not Applicable to the Associate Degree

MATH 943 Arithmetic Topics 0.50 Unit
Fundamental operations involving whole numbers, fractions, or decimals, as determined by diagnostic information. Computer software will be used for this class. Graded on Credit/No Credit basis only. Not Applicable to the Associate Degree

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

Ref  Sec  Days  Time  Method  Units  Room  Instructor
1252  91  MW  11:00a-11:40a LAB  0.50  NRTH-102  Wilson,S
Note: Ref. No. 1252 - 16 week class; 01/25 - 05/18
This section is linked to MATH-952-91 and MATH-090-91. This means students taking MATH-903-91 (directly above) must also enroll and remain enrolled in MATH-952-91 and MATH-090-91.

1256  15  TTH  12:00p-12:40p LAB  0.50  NRTH-101  Herrera Gil,D
Note: Ref. No. 1256 - 16 week class; 01/26 - 05/19
This section is linked to MATH-952-15. This means students enrolled in MATH-903-15 (directly above) must also enroll and remain enrolled in MATH-952-15.

1258  50  MW  04:00p-04:40p LAB  0.50  NRTH-101  Warsinski,J
Note: Ref. No. 1258 - 16 week class; 01/25 - 05/18
This section is linked to MATH-952-50. This means students enrolled in MATH-903-50 (directly above) must also enroll and remain enrolled in MATH-952-50.

1262  55  TTH  05:00p-05:40p LAB  0.50  CHL-202  Rezola,N
Note: Ref. No. 1262 - 16 week class; 01/26 - 05/19
This section is linked to MATH-952-55. This means students enrolled in MATH-903-55 (directly above) must also enroll and remain enrolled in MATH-952-55.

Note: Ref. No. 1256 - 16 week class: 01/26 - 05/19
This section is linked to MATH-952-91 and MATH-090-91. This means students taking MATH-090-91 and MATH-903-91.

1264  15  TTH  09:00a-09:50a LEC  4.00  CHL-202  Sadig,F
TTT  10:00a-10:50a LAB  CHL-202  Sadig,F
F  10:00a-10:50a LEC  CHL-202  Sadig,F
F  11:00a-11:50a LAB  CHL-202  Sadig,F

1266  45  TTH  04:00p-04:50p LEC  4.00  NRTH-101  McCoy,D
TTT  05:30p-06:45p LAB  NRTH-101  McCoy,D

MATH 953 Review of Selected Prealgebra Topics 1.00 Unit
Selected prealgebra topics including review of arithmetic operations, operations with signed rational numbers, solving one and two step single variable linear equations, combining like terms, percents, perimeter, area and volume of common geometric figures, right triangles and Pythagorean Theorem. Content will be delivered using computer software in a lab setting. Graded on a Pass or No Pass basis only.

Graded on Credit/No Credit basis only. 

Not Applicable to the Associate Degree

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

Ref  Sec  Days  Time  Method  Units  Room  Instructor
1292  50  MM  05:00p-06:50p LEC  4.00  NRTH-101  Warsinski,J
This section is linked to MATH-903-50. This means students enrolled in MATH-952-50 (directly above) must also enroll and remain enrolled in MATH-903-50.

1294  55  TTH  06:00p-07:50p LEC  4.00  CHL-202  Rezola,N
This section is linked to MATH-903-55. This means students enrolled in MATH-952-55 (directly above) must also enroll and remain enrolled in MATH-903-55.

MATH 960 Elementary Algebra Laboratory 0.75 Units
Projects and additional materials to enhance the understanding of Elementary Algebra content, integrated math study skills specific to MATH 090. Elementary Algebra with an emphasis the differences in strategies from those for MATH 952, strategies to overcome math avoidance, and approaches to reduce math anxiety. Graded on a Pass or No Pass basis only. Not degree applicable. Graded on Credit/No Credit basis only. Not Applicable to the Associate Degree

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

Ref  Sec  Days  Time  Method  Units  Room  Instructor
1300  92  WF  10:30a-11:25a LAB  0.75  NRTH-101  Begley,D
This section is linked to MATH-090-92. This means students taking MATH 990L-92 (directly above) must also enroll and remain enrolled in MATH-090-92.

Spring 2016 Schedule of Classes - 32 - Crafton Hills College
<table>
<thead>
<tr>
<th>Ref Sec</th>
<th>Days</th>
<th>Time</th>
<th>Method</th>
<th>Units</th>
<th>Room</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>1306 91</td>
<td>MWF</td>
<td>09:30a-10:40a</td>
<td>LEC</td>
<td>4.00</td>
<td>NRTH-102</td>
<td>Wilson,S</td>
</tr>
</tbody>
</table>

This section is linked to MATH-952-91 and MATH-903-91. This means students taking MATH-095-91 (directly above) must also enroll and remain enrolled in MATH-952-91 and MATH-903-91.

1308 10 | MW | 08:00a-09:50a | LEC | 4.00 | EAST-104 | Piamonte,R |

1310 30 | MW | 01:00p-02:50p | LEC | 4.00 | ARTS-120 | Hanley,J |

TTH | 02:00p-03:50p | LEC | ARTS-120 | Hanley,J |

Note: Ref. No. 1310 - 9 week class: 01/19 - 03/24

1312 32 | MW | 01:00p-02:50p | LEC | 4.00 | NRTH-102 | Robinson,J |

1314 40 | MW | 03:00p-04:50p | LEC | 4.00 | NRTH-102 | Smith,J |

1318 25 | TTH | 11:00a-12:50p | LEC | 4.00 | ARTS-120 | Ramirez,R |

1320 50 | MW | 05:00p-06:50p | LEC | 4.00 | WEST-111 | Reid,S |

1324 45 | TTH | 04:00p-05:50p | LEC | 4.00 | ARTS-120 | Gavrilov,G |

1326 55 | TTH | 06:00p-07:50p | LEC | 4.00 | NONE-NROM | Chairez,O |

1330 10 | MW | 08:00a-09:50a | LEC | 4.00 | CHL-202 | Rippy,S |

1338 35 | TTH | 07:00a-08:50a | LEC | 4.00 | NRTH-102 | Seager,R |

1340 50 | MW | 05:00p-06:50p | LEC | 4.00 | ARTS-127 | Crise,R |

This section is linked to MATH-102-90. This means students enrolling in MATH-102-90 (directly above) must also enroll and remain enrolled in MATH-102-90.

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.

### MATH 095 Intermediate Algebra

4.00 Units

### MATH 102 College Algebra

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.

**PREREQUISITE:** MATH 095 or MATH 090C or eligibility for MATH 095 or MATH 095C as determined through the Crafton Hills College assessment process

### 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 090C or eligibility for MATH 103 as determined through the Crafton Hills College assessment process

### MATH 110 Introduction to Probability and Statistics

4.00 Units

The use of probability techniques, hypothesis testing, and predictive techniques to facilitate decision-making. An introduction to the mathematics involved in the statistical formulas. Topics include descriptive statistics; probability and sampling distributions; statistical inference; correlation and linear regression analysis of variance, chi-square and t-tests; and application of technology for statistical analysis including the interpretation of the relevance of the statistical findings. Applications using data from disciplines including business, life science, physical science, health science, education, social sciences, and psychology. If purchasing a used textbook a software access code may need to be purchased. Check with the instructor for verification.

**Associate Degree Applicable**

Course credit transfers to both CSU and UC.

**PREREQUISITE:** MATH 095: Intermediate Algebra or MATH 095C:

Intermediate Algebra part C or eligibility for MATH 110 as determined through the Crafton Hills College assessment process

### MATH 115 The Ideas of Mathematics

3.00 Units

Sets, propositional logic, and the applications to topics from discrete mathematics including enumeration techniques and finite probability spaces.

**Associate Degree Applicable**

Course credit transfers to both CSU and UC.

**PREREQUISITE:** MATH 095 or MATH 090C: Intermediate Algebra part C

### MATH 117 Computer Applications in Research

1.00 Unit

Introduction to computer use as a research tool using the Statistical Package for the Social Sciences (SPSS) and Excel. Training will include variable and data entry, test selection and running statistical analyses. Additional preparation will include generating tables, diagrams, graphs, charts and final report presentation.

**Associate Degree Applicable**

Course credit transfers to CSU.

**COREQUISITE:** MATH 108

1408 25 | TTH | 11:30a-12:45p | LEC | 3.00 | ARTS-127 | Munoz,S |

1410 50 | MW | 05:30p-06:45p | LEC | 3.00 | ARTS-120 | Smith,J |

### Spring 2016 Schedule of Classes - 33 - Crafton Hills College
<table>
<thead>
<tr>
<th>Ref Sec</th>
<th>Days</th>
<th>Time</th>
<th>Method</th>
<th>Units</th>
<th>Room</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 141</td>
<td></td>
<td></td>
<td></td>
<td>4.00</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
| Concepts of function and limit, differentiation and integration of polynomial, rational, exponential, and logarithmic functions; partial derivatives; applications of calculus with an emphasis in business and economics. Ask instructor for details. No UC credit granted for MATH 141 if credit has been earned for MATH 250 or MATH 251. If purchasing a used book new software access may need to be purchased at an additional expense. 

Associate Degree Applicable
Course credit transfers to CSU.
Limited transfer to UC; contact a counselor for details.
PREREQUISITE: MATH 102 or eligibility for MATH 141 as determined through the Crafton Hills College assessment process |
| 1414 | 45  | TTH           | 04:00p-05:50p LEC | 4.00 | WEST-111 | Seager,E   |
| 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 |
| 1416 | 20  | HRW           | 10:00a-11:20a LEC | 4.00 | ARTS-120 | Hidalgo,J  |
| Note: Ref. No. 1416 - 15 week class: 02/01 - 05/25 |
| 1418 | 55  | TTH           | 06:00p-08:20p LEC | 4.00 | ARTS-120 | Sarhad,J   |
| Note: Ref. No. 1418 - 13 week class: 02/16 - 05/26 |
| MATH 200 | Discrete Structures | 4.00 Units | Introduction to discrete mathematics with emphasis on applications to computer science. Topics include functions, relations, sets, logic, proof techniques, basics of counting, number theory, discrete probability, graphs and trees.

This course is also offered as CSCI-200.

Associate Degree Applicable
Course credit transfers to both CSU and UC.
PREREQUISITES: MATH 250 and CSCI 110 |
| 1420 | 50  | W             | 06:30p-09:50p LEC | 4.00 | MODS-MOD2 | Conrad,P    |
| 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 |
| 1422 | 20  | MW            | 10:00a-11:50a LEC | 4.00 | ARTS-127 | Piamonte,R  |
| 1424 | 55  | TTH           | 06:00p-07:50p LEC | 4.00 | NRTH-102 | Wilson,S    |
| MATH 251 | Single Variable Calculus II | 4.00 Units | Methods of integration, applications of the integrals, improper integrals, conic sections, parametric equations, infinite series, and polar coordinates. If purchasing a used textbook, new software access may need to be purchased at an additional expense. Ask instructor for details.

Associate Degree Applicable
Course credit transfers to both CSU and UC.
PREREQUISITE: MATH 250 or eligibility for MATH 251 as determined through the Crafton Hills College assessment process |
| 1426 | 15  | TTH           | 09:00a-10:50a LEC | 4.00 | ARTS-127 | Smith,S     |
| 1428 | 55  | TTH           | 06:00p-07:50p LEC | 4.00 | ARTS-127 | Crise,R     |
| MATH 252 | Multivariable Calculus | 5.00 Units | Study of vectors and solid analytic geometry, functions of several variables, partial derivatives, multiple integrals, and line and surface integrals. Green's Theorem, Divergence Theorem, Stokes' Theorem. If purchasing a used textbook, new software access may need to be purchased at an additional expense. Ask instructor for details.

Associate Degree Applicable
Course credit transfers to both CSU and UC.
PREREQUISITE: MATH 251 or eligibility for MATH 252 as determined through the Crafton Hills College assessment process |
| 1430 | 30  | MW            | 01:00p-03:15p LEC | 5.00 | ARTS-127 | Crise,R     |
| MATH 255 | Computer-Based Problems for Calculus | 1.00 Unit | Introduction to the use of a computer algebra system, such as, but not limited to, Mathematica, Maple, or Matlab, to explore applications in differential and integral calculus. Projects include 2-D and 3-D graphs, animations, data manipulation, and introduction to basic programming structures.

Associate Degree Applicable
Course credit transfers to CSU.
PREREQUISITE: Concurrent enrollment in MATH-251 or successful completion of MATH-251 as determined by the Crafton Hills College assessment process |
| 1432 | 15  | T             | 09:00a-09:50a LEC | 1.00 | NRTH-102 | Roche,J     |
| TH    | 09:00a-10:15a LAB | 5.00 | NRTH-102 | Roche,J     |
| MATH 265 | Linear Algebra | 4.00 Units | An introduction that complements advanced courses in calculus. Topics include systems of linear equations, matrices, determinants, vectors and vector spaces, inner product spaces, linear transformations, eigenvalues and eigenvectors. If purchasing a used textbook, new software access may need to be purchased at an additional expense. Ask instructor for details.

Associate Degree Applicable
Course credit transfers to both CSU and UC.
PREREQUISITE: MATH 250 or eligibility for MATH 265 as determined through the Crafton Hills College assessment process |
| 1434 | 45  | TTH           | 04:00p-05:50p LEC | 4.00 | ARTS-120 | Hanley,J    |
| MATH 266 | Introduction to Ordinary Differential Equations | 4.00 Units | An introduction to ordinary differential equations including both quantitative and qualitative methods as well as applications from a variety of disciplines. Introduces the theoretical aspects of differential equations, including establishing when solution(s) exist, and techniques for obtaining solutions, including series solutions and singular points, Laplace transforms, and linear systems. If purchasing a used textbook, new software access may need to be purchased at an additional expense. Ask instructor for details.

Associate Degree Applicable
Course credit transfers to both CSU and UC.
PREREQUISITE: MATH 251 or eligibility for MATH 266 as determined through the Crafton Hills College assessment process |
| 1436 | 50  | MW            | 05:00p-06:50p LEC | 4.00 | WEST-216 | Hanley,J    |

Microbiology

MICRO 102 | Introductory Microbiology | 4.00 Units | Introduction to Microbiology, emphasizing the general characteristics of microorganisms, principles of microbial growth, identification, control and the relationships between human beings and microbes.

Associate Degree Applicable
Course credit transfers to CSU.
Limited transfer to UC; contact a counselor for details. |
<p>| 1438 | 05  | TTH           | 09:30a-10:45a LEC | 4.00 | CYN-116 | Shimeld,L   |
| TTH    | 08:00a-09:15a LAB | 4.00 | CYN-204 | Shimeld,L   |
| 1440 | 06  | TTH           | 09:30a-10:45a LEC | 4.00 | CYN-116 | Shimeld,L   |
| TTH    | 11:00a-12:15p LAB | 4.00 | CYN-204 | Shimeld,L   |
| 1442 | 45  | TTH           | 02:00p-03:15p LEC | 4.00 | CYN-116 | Curryo,R    |
| 11:00a-12:15p LAB | 4.00 | CYN-204 | Shimeld,L   |</p>
<table>
<thead>
<tr>
<th>Ref Sec</th>
<th>Days</th>
<th>Time</th>
<th>Method</th>
<th>Units</th>
<th>Room</th>
<th>Instructor</th>
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<tr>
<td>1444 46</td>
<td>TTH</td>
<td>02:00p-03:15p LEC</td>
<td>4.00</td>
<td>CYN-116</td>
<td>Curnyn,K</td>
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<tr>
<td>TTH</td>
<td>03:30p-04:45p LEC</td>
<td>CYN-204</td>
<td>Curnyn,K</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**MUSIC 103H Appreciation of American Popular Music-Honors** 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.  
PREREQUISITE: Acceptance into the College Honors Institute  

<table>
<thead>
<tr>
<th>Ref Sec</th>
<th>Days</th>
<th>Time</th>
<th>Method</th>
<th>Units</th>
<th>Room</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>1478 70</td>
<td>ARR</td>
<td>03 HRS/WK LEC</td>
<td>3.00</td>
<td>-</td>
<td>McConnell,M</td>
<td></td>
</tr>
</tbody>
</table>

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 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 includes content and experiences appropriate for students wishing to earn honors credit.  
This course is also offered as MUSIC-103.  
Associate Degree Applicable  
Course credit transfers to both CSU and UC.  
PREREQUISITE: Chem 101 or CHEM 150  

<table>
<thead>
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**Multicultural Studies**  

**MCS 132 Identity and Ideology: Introduction to Chicano/a and Latino/a Studies** 3.00 Units  
Multidisciplinary examination of the experience of Chicano/as and Latino/as in the United States.  
Associate Degree Applicable  
Course credit transfers to both CSU and UC.  
DEPARTMENTAL RECOMMENDATION: Eligibility for ENGL 101  

<table>
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Note: Ref. No. 1468-15 week class: 02/09 - 05/24  

**Music**  

**MUSIC 100 Fundamental Skills in Music** 3.00 Units  
An introduction to the elements of music notation.  
Associate Degree Applicable  
Course credit transfers to both CSU and UC.  

<table>
<thead>
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**MUSIC 102 Music Theory II** 4.00 Units  
Advanced study of harmony, sight singing, dictation, rhythm, scales, intervals, and key signatures from the Common Practice Era. Open to both music majors and non-majors.  
Associate Degree Applicable  
Course credit transfers to both CSU and UC.  
PREREQUISITE: MUSIC 101  

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<th>Ref Sec</th>
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**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.  

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**MUSIC 103H Appreciation of American Popular Music-Honors** 3.00 Units  
History of American popular music with an emphasis on the music of the current and past century. This course includes content and experiences appropriate for students wishing to earn honors credit.  
This course is also offered as MUSIC-103.  
Associate Degree Applicable  
Course credit transfers to both CSU and UC.  
PREREQUISITE: Acceptance into the College Honors Institute  

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**MUSIC 120 Appreciation of Musical Literature** 3.00 Units  
Introduction to Western musical literature, designed to develop an understanding of music within context.  
This course is also offered as MUSIC-120H.  
Associate Degree Applicable  
Course credit transfers to both CSU and UC.  

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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 120H Appreciation of Musical Literature-Honors** 3.00 Units  
Introduction to musical literature. This course is designed to develop an understanding of music and musicians in a societal and historical context. This course includes content and experiences appropriate for students wishing to earn honors credit.  
This course is also offered as MUSIC-120.  
Associate Degree Applicable  
Course credit transfers to both CSU and UC.  
PREREQUISITE: Acceptance into the College Honors Institute  

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</table>

**MUSIC 132 Guitar I** 2.00 Units  
Progressive study of the basic techniques of playing guitar. Students must provide their own instruments.  
Associate Degree Applicable  
Course credit transfers to both CSU and UC.  
DEPARTMENTAL RECOMMENDATION: Successful completion of MUSIC 100  

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<th>Method</th>
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**MUSIC 133 Guitar II** 2.00 Units  
Progressive study of the basic techniques of playing guitar. Students must provide their own instruments.  
Associate Degree Applicable  
Course credit transfers to both CSU and UC.  

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<th>Ref Sec</th>
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<td>1 HRS/WK LAB</td>
<td>PAC-308</td>
<td>McNaughton,B</td>
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</table>
MUSIC 134  Jazz History  3.00 Units
Historical survey of Jazz music and musicians.
  Associate Degree Applicable
  Course credit transfers to both CSU and UC.

1492 60 M  07:00a-09:50a LEC  4.00 PAC-308 McConnell,M

MUSIC 135  Piano I  2.00 Units
Class instruction in piano, including scale techniques, reading, basic literature, keyboard techniques, and musicianship skills. First in a series of four courses. This course is also offered as MUSIC-236.
  Associate Degree Applicable
  Course credit transfers to both CSU and UC.
  DEPARTMENTAL RECOMMENDATION: Successful completion of MUSIC 100

1494 30 MW  01:00p-01:25p LEC  2.00 PAC-225 McConnell,M

MUSIC 136  Piano II  2.00 Units
Class instruction in piano, including scale techniques, reading, intermediate literature, and musicianship skills.
  Associate Degree Applicable
  Course credit transfers to both CSU and UC.
  PREREQUISITE: MUSIC 135

1498 30 MW  01:00p-01:25p LEC  2.00 PAC-225 McConnell,M

MUSIC 141X  Applied Music  0.50 Unit
Applied instrumental, vocal, or composition lessons with an approved off-campus instructor. Students are responsible for the cost of private instruction. Students must perform in assessment juries. Instrumental students must provide their own instruments. This course may be taken four times.
  Associate Degree Applicable
  Course credit transfers to both CSU and UC.
  Note: MUSIC 141X4 may be taken 4 times class meeting.
  DEPARTMENTAL RECOMMENDATION: Successful completion of MUSIC 100 or equivalent.

1502 95 ARR  1.5 HRS/WK LAB  0.50 PAC-308 Stupin,M

MUSIC 150X  Concert Choir  1.00 Unit
Study and performance of choral literature and performance techniques.
  Associate Degree Applicable
  Course credit transfers to both CSU and UC.
  Note: MUSIC 150X4 may be taken 4 times

1504 55 T  07:00p-09:50p LAB  1.00 PAC-308 McClurg,B

MUSIC 174X  Jazz Band I  1.00 Unit
Study and performance of Jazz literature.
  Associate Degree Applicable
  Course credit transfers to both CSU and UC.
  Note: MUSIC 174X4 may be taken 4 times class meeting.

1506 55 TH  07:00p-09:50p LAB  1.00 PAC-308 McNaughton,B

MUSIC 195  Music Technology and Recording  4.00 Units
Practical study of electronic music and electronic recording methods. Students must provide their own laptop.
  Associate Degree Applicable
  Course credit transfers to CSU.

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.

1530 30 MW  01:00p-02:15p LEC  3.00 PSAS-224 Dudash,L
1532 65 T  07:00p-09:50p LEC  3.00 CNTL-245 Staff
**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 RECOMMENDATION: Eligibility for ENGL 101

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

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**PHIL 104 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 RECOMMENDATION: Successful completion of ENGL 101 or ENGL 101H

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**PHIL 105 Introduction to Ethics: Moral Values in Today's Society**  
3.00 Units  
Study of the history and application of moral philosophy that analyzes prominent ethical traditions and applies them to contemporary moral issues.  
Associate Degree Applicable  
Course credit transfers to both CSU and UC.  
PREREQUISITE: ENGL 101 or eligibility for ENGL 101 as determined through the Crafton Hills College assessment process.

<table>
<thead>
<tr>
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**PHIL 105H Introduction to Ethics: Moral Values in Today's Society-Honors**  
3.00 Units  
Study of the history and application of moral philosophy that analyzes prominent ethical traditions and applies them to contemporary moral issues. This course includes content and experiences appropriate for students wishing to earn honors credit.  
This course is also offered as PHIL-105H.  
Associate Degree Applicable  
Course credit transfers to both CSU and UC.  
PREREQUISITE: Acceptance into the College Honors Institute

<table>
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**Physical Science**

**PS 101 Principles of Physical Science**  
3.00 Units  
Fundamental study of the physical environment for non-science majors.  
Associate Degree Applicable  
Course credit transfers to both CSU and UC.

<table>
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**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

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**PHYSIC 111 General Physics II**  
4.00 Units  
A continuation of PHYSIC 110. Introduction to optics, electricity and magnetism and atomic and nuclear physics.  
Associate Degree Applicable  
Course credit transfers to CSU.  
Limited transfer to UC; contact a counselor for details.  
PREREQUISITE: PHYSIC 110  
DEPARTMENTAL RECOMMENDATION: Concurrent enrollment in MATH 250

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<td>4.00</td>
<td>CNTL-132</td>
<td>Neumann,B</td>
</tr>
</tbody>
</table>

**PHYSIC 250 College Physics I**  
4.00 Units  
Study of physics, including mechanics, conservation laws, fluids and wave motion. Replaces PHYSIC 200.  
Associate Degree Applicable  
Course credit transfers to CSU.  
Limited transfer to UC; contact a counselor for details.  
PREREQUISITE: MATH 250

<table>
<thead>
<tr>
<th>Ref Sec</th>
<th>Days</th>
<th>Time</th>
<th>Method</th>
<th>Units</th>
<th>Room</th>
<th>Instructor</th>
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<tr>
<td>1568</td>
<td>TTH</td>
<td>11:00a-12:15p</td>
<td>LEC</td>
<td>4.00</td>
<td>CNTL-245</td>
<td>Bouzidi,D</td>
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<tr>
<td>Note: This section is linked to LRC-900X-25. This means students enrolling in PHYSIC-250-25 (directly above) must also enroll and remain enrolled in LRC-900X-25. LRC-900X-25 is required Supplemental Instruction (SI) sessions with a trained student facilitator.</td>
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</tbody>
</table>
**Political Science**

**POLIT 100  American Politics  3.00 Units**

Introductory course in the fundamentals of American government and politics. This course may also be listed as POLIT-100H.

**Course credit transfers to both CSU and UC.**

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

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<thead>
<tr>
<th>Ref Sec</th>
<th>Days</th>
<th>Time</th>
<th>Method</th>
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<th>Room</th>
<th>Instructor</th>
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<tr>
<td>1576 10</td>
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<td>1578 30</td>
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<td>1580 40</td>
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<td>03:00p-04:15p LEC</td>
<td>3.00</td>
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<tr>
<td>1582 25</td>
<td>TTH</td>
<td>11:00a-12:15p LEC</td>
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<td>M</td>
<td>07:00p-09:50p LEC</td>
<td>3.00</td>
<td>LRC-231</td>
<td>Dolson-Andrew, S</td>
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</table>

**POLIT 100H  American Politics-Honors  3.00 Units**

Introductory course in the fundamentals of American government and politics. This course includes content and experiences appropriate for students wishing to earn honors credit.

**This course may also be listed as POLIT-100H.**

**Course credit transfers to both CSU and UC.**

**PREREQUISITE:** Acceptance into the College Honors Institute

<table>
<thead>
<tr>
<th>Ref Sec</th>
<th>Days</th>
<th>Time</th>
<th>Method</th>
<th>Units</th>
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<th>Instructor</th>
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<td>1590 25</td>
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<td>EAST-101</td>
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</tbody>
</table>

**POLIT 104  Introduction to Comparative Politics  3.00 Units**

Introductory course in comparative political systems, movements and ideologies in various countries.

**Associate Degree Applicable**

**Course credit transfers to both CSU and UC.**

**DEPARTMENTAL RECOMMENDATION:** Successful completion of POLIT 100 or POLIT 100H. Eligibility for ENGL 101

<table>
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<tr>
<th>Ref Sec</th>
<th>Days</th>
<th>Time</th>
<th>Method</th>
<th>Units</th>
<th>Room</th>
<th>Instructor</th>
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<tr>
<td>1594 45</td>
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<td>3.00</td>
<td>MODE-MOD3</td>
<td>Helleman, S</td>
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</table>

**Psychology**

**PSYCH 100  General Psychology  3.00 Units**

Survey of the nature and scope of psychology including the topics of neuropsychology, 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.

<table>
<thead>
<tr>
<th>Eligibility for MATH 090</th>
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<tbody>
<tr>
<td>1596 10</td>
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<tr>
<td>1598 40</td>
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<tr>
<td>1600 15</td>
</tr>
</tbody>
</table>

**Note:** Ref. No. 1600 - 13 week class: 02/09 - 05/12

| 1602 25 | TTH | 11:00a-12:15p LEC | 3.00 | WEST-218 | Pfahler, D |
| 1604 35 | TTH | 02:00p-03:50p LEC | 3.00 | WEST-218 | Pfahler, D |

**Note:** Ref. No. 1604 - 13 week class: 02/09 - 05/12

| 1606 36 | TTH | 02:00p-03:50p LEC | 3.00 | CDC-115 | Williams, G |
| 1608 80 | F | 09:00a-11:50a LEC | 3.00 | WEST-218 | Pfahler, D |
| 1610 70 | ARR | 4HRS/KW | 3.00 | - | Downey, S |

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.

| 1612 61 | M | 07:00p-08:50p LEC | 3.00 | WEST-218 | Brink, T |

This section will be offered in Crafton Hills College's Table College Initiative. Students enrolled in this section will be required to provide their own mobile computing device (e.g. tablet, laptop or smartphone) for the duration of the course.

| 1614 90 | TTH | 04:00p-05:15p LEC | 3.00 | - | Williams, G |

This section is linked to ENGL-102-90. This means students enrolling in PSYCH-100-90 (directly above) must also enroll and remain enrolled in ENGL-102-90.

| 1616 60 | W | 07:00p-09:50p LEC | 3.00 | WEST-218 | Williams, G |

**PSYCH 100H  General Psychology - Honors  3.00 Units**

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

**Associate Degree Applicable**

**Course credit transfers to both CSU and UC.**

**PREREQUISITE:** Acceptance into the College Honors Institute

| 1618 15 | TTH | 09:00a-10:50a LEC | 3.00 | PSAH-224 | Williams, G |

**Note:** Ref. No. 1618 - 13 week class: 02/09 - 05/12

| 1622 60 | W | 07:00p-09:50p LEC | 3.00 | WEST-218 | Williams, G |

**PSYCH 101  Research Methods  3.00 Units**

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

**Associate Degree Applicable**

**Course credit transfers to both CSU and UC.**

**PREREQUISITES:** PSYCH-100 or PSYCH-100H and MATH-108, PSYCH-108, MATH-110, or PSYCH-120.

<p>| 1624 15 | TTH | 09:00a-10:15a LEC | 3.00 | WEST-218 | Pfahler, D |</p>
<table>
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<tr>
<th>Ref Sec</th>
<th>Days</th>
<th>Time</th>
<th>Method</th>
<th>Units</th>
<th>Room</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>PSYCH 103</td>
<td></td>
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<td>3.00</td>
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<tr>
<td>Survey of personality theories including psychoanalytic, behavioral, humanistic and cognitive.</td>
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<tr>
<td>Associate Degree Applicable</td>
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<tr>
<td>Course credit transfers to both CSU and UC.</td>
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<tr>
<td>PREREQUISITE: PSYCH 100 or PSYCH 100H</td>
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<tr>
<td>DEPARTMENTAL RECOMMENDATION: Successful completion of ENGL 101 or ENGL 101H</td>
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<tr>
<td>1626</td>
<td>20</td>
<td>MW</td>
<td>10:00a-11:15a LEC</td>
<td>3.00</td>
<td>WEST-218</td>
<td>Pfahler,D</td>
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<tr>
<td>1634</td>
<td>70</td>
<td>ARR</td>
<td>4 HRS/WK</td>
<td>LEC</td>
<td>3.00</td>
<td>Brink,T</td>
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<tr>
<td>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 CRC 682, Introduction to Online Learning.</td>
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| PSYCH 110 |      |            |        | 3.00  |       |            |
| Abnormal Psychology |
| Survey of the field of mental disturbances including symptoms, diagnosis, and treatment. |
| Associate Degree Applicable |
| Course credit transfers to both CSU and UC. |
| PREREQUISITE: PSYCH 100 or PSYCH 100H |
| DEPARTMENTAL RECOMMENDATION: Successful completion of ENGL 101 or ENGL 101H |
| 1628  | 40 | MW | 03:00p-04:15p LEC | 3.00 | - | Staff |
| 1632  | 70 | ARR | 3 HRS/WK | LEC | 3.00 | Brink,T |
| Note: Ref. No. 1632 - 13 week class: 02/02 - 05/05 |
| 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 CRC 682, Introduction to Online Learning. |

| PSYCH 111 |      |            |        | 3.00  |       |            |
| Developmental Psychology: Lifespan |
| Lifespan development from conception through aging. |
| Associate Degree Applicable |
| Course credit transfers to both CSU and UC. |
| PREREQUISITE: PSYCH 100 or PSYCH 100H |
| 1630  | 30 | MW | 01:00p-02:15p LEC | 3.00 | CDC-115 | Williams,G |
| 1632  | 70 | ARR | 4 HRS/WK | LEC | 3.00 | Brink,T |
| Note: Ref. No. 1632 - 13 week class: 02/02 - 05/05 |
| 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 CRC 682, Introduction to Online Learning. |

| PSYCH 118 |      |            |        | 3.00  |       |            |
| Human Sexual Behavior |
| Survey of selected factors in human sexual behavior. |
| Associate Degree Applicable |
| Course credit transfers to both CSU and UC. |
| PREREQUISITE: PSYCH 100 or PSYCH 100H |
| DEPARTMENTAL RECOMMENDATION: Successful completion of or concurrent enrollment in ENGL 101 or ENGL 101H |
| 1638  | 05 | TTH | 08:30a-09:45a LEC | 3.00 | WEST-218 | Pfahler,D |

<table>
<thead>
<tr>
<th>Ref Sec</th>
<th>Days</th>
<th>Time</th>
<th>Method</th>
<th>Units</th>
<th>Room</th>
<th>Instructor</th>
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<tr>
<td>PBSF 127</td>
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<td>3.00</td>
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<tr>
<td>Emergency Services: Decision Making And Problem Solving</td>
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<tr>
<td>This course provides individuals involved in emergency services with improved decision making skills. Students learn how to identify a problem, as distinguished from its cause or symptoms: A model for problem solving and how to apply those skills.</td>
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<tr>
<td>Associate Degree Applicable</td>
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<tr>
<td>Course credit transfers to CSU.</td>
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<tr>
<td>1640</td>
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<td>3.00</td>
<td>PSAW-111</td>
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</table>

| PBSF 170 | | | | | |
| Lifeguarding |
| Knowledge and skills required for deep water lifeguarding, meeting the certificate requirements of the American Red Cross. This course is also offered as KIN 170. |
| Associate Degree Applicable |
| Course credit transfers to CSU. |
| PREREQUISITE: Must be age 15 or older. 300 meters of continuous swim: front crawl, breaststroke or a combination of both without stopping to rest. Tread water for 2 minutes. Timed event: swim 20 meters out to retrieve a 10 pound weight within 1 minute and 40 seconds. |
| 1642  | 45 | TH | 05:30p-07:35p LEC | 3.00 | KHA-103 | Chittenden,H |
| 1644  | 70 | TH | 07:30p-08:50p LAB | - | KHA-5-POOL | Chittenden,H |

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<thead>
<tr>
<th>Ref Sec</th>
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<th>Time</th>
<th>Method</th>
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<th>Room</th>
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<tbody>
<tr>
<td>RADIOL 108</td>
<td></td>
<td></td>
<td></td>
<td>1.25</td>
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<tr>
<td>Radiation Protection I</td>
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<tr>
<td>Study of the basic principles and application of radiation protection, physics, and radiation monitoring devices.</td>
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<tr>
<td>Associate Degree Applicable</td>
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<tr>
<td>PREREQUISITES: RADIOL 100, RADIOL 103, RADIOL 104, RADIOL 105, RADIOL 106, RADIOL 107, RADIOL 110, RADIOL 115</td>
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<td>COREQUISITES: RADIOL 109, RADIOL 111, RADIOL 112, RADIOL 113, RADIOL 114, RADIOL 116, RADIOL 117</td>
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<td>15</td>
<td>TH</td>
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<td>1.25</td>
<td>CLTN-ARMC</td>
<td>Hunter,M</td>
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<td>Note: Ref. No. 1644 will be held at Arrowhead Regional Med. Ctr. in Colton. (See Building and Location section in this schedule for the address).</td>
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</table>

<p>| RADIOL 109 | | | | 1.25 | |
| Radiologic Physics II |
| Study of the production of X-rays, multiple energy transformation required for radiation production, the mechanics of interaction with matter, X-ray tubes, rectifiers, X-ray circuits, and the history of X-ray tubes. |
| Associate Degree Applicable |
| PREREQUISITES: RADIOL 100, RADIOL 103, RADIOL 104, RADIOL 105, RADIOL 106, RADIOL 107, RADIOL 110, RADIOL 115 |
| COREQUISITES: RADIOL 108, RADIOL 111, RADIOL 112, RADIOL 113, RADIOL 114, RADIOL 116, RADIOL 117 |
| 1644  | 35 | TH | 03:00p-04:15p LEC | 1.25 | CLTN-ARMC | Hunter,M |
| Note: Ref. No. 1644 will be held at Arrowhead Regional Med. Ctr. in Colton. (See Building and Location section in this schedule for the address). |</p>
<table>
<thead>
<tr>
<th>Ref Sec</th>
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<th>Time</th>
<th>Method</th>
<th>Units</th>
<th>Room</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>RADIOL 111</td>
<td>Radiographic Image Critique I</td>
<td>1.00 Unit</td>
<td>Introduction to analyzing radiographic examinations with emphasis on improving image quality and using proper identification labels.</td>
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<tr>
<td>RADIOL 112</td>
<td>Radiographic Positioning II</td>
<td>1.25 Units</td>
<td>Study and demonstration of various anatomical positions necessary to demonstrate specific anatomical parts for diagnostic evaluation. Emphasis on the thoracic, pelvic structures and vertebral column.</td>
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<tr>
<td>RADIOL 113</td>
<td>Radiographic Anatomy/Physiology II</td>
<td>1.25 Units</td>
<td>Study of the basic human anatomy and physiology pertinent to radiology. A continuation of RADIOL 105.</td>
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<tr>
<td>RADIOL 114</td>
<td>Radiographic Positioning Lab II</td>
<td>0.50 Unit</td>
<td>Practice of positioning anatomical parts for specific radiographic examinations. A continuation of RADIOL 106.</td>
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<tr>
<td>RADIOL 116</td>
<td>Radiographic Exposure II</td>
<td>1.00 Unit</td>
<td>Study of the principles of radiographic exposure methods and procedures pertaining to radiographic technology. A continuation of RADIOL 110. (Formerly RADIOL 201.)</td>
<td></td>
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<tr>
<td>RADIOL 117</td>
<td>Radiographic Clinic II</td>
<td>13.75 Units</td>
<td>Practice and development of basic radiographic skills within a hospital environment.</td>
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</tr>
<tr>
<td>RADIOL 207</td>
<td>Radiographic Fluoroscopic Imaging</td>
<td>1.50 Units</td>
<td>Study of the history and principles of fluoroscopy including imaging intensification, equipment operation, exposure reduction, quality control, radiation biology and physics.</td>
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<tr>
<td>RADIOL 208</td>
<td>Radiography Registry Review &amp; Testing II</td>
<td>3.00 Units</td>
<td>Review and testing of all radiologic technology coursework in preparation for board examination.</td>
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<tr>
<td>RADIOL 209</td>
<td>Radiographic Pathology II</td>
<td>1.00 Unit</td>
<td>Study of disease, basic concepts of pathology, pathological conditions of the body and their impact on the radiographic process.</td>
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<tr>
<td>RADIOL 210</td>
<td>Radiographic Positioning IV</td>
<td>1.25 Units</td>
<td>Study and demonstration of various anatomical positions necessary to demonstrate specific anatomical parts of diagnostic evaluations. Emphasis on genitourinary and gastrointestinal systems.</td>
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</tbody>
</table>

**PREREQUISITES:**
- RADIOL 100, RADIOL 103, RADIOL 104, RADIOL 105, RADIOL 106, RADIOL 107, RADIOL 110, RADIOL 115
- RADIOL 108, RADIOL 109, RADIOL 112, RADIOL 113, RADIOL 114, RADIOL 116

**COREQUISITES:**
- RADIOL 106, RADIOL 107, RADIOL 110, RADIOL 115
- RADIOL 108, RADIOL 109, RADIOL 112, RADIOL 113, RADIOL 114, RADIOL 116

Note: Ref. No. 1650 will be held at Arrowhead Regional Med. Ctr. in Colton. (See Building and Location section in this schedule for the address).
### Radiology

**RADIOL 211 Radiographic Anatomy/ Physiology IV** 1.25 Units
Advanced study and review of human anatomy and physiology pertinent to radiology.

**Associate Degree Applicable**
**PREREQUISITES:** RADIOL 200, RADIOL 202, RADIOL 203, RADIOL 204, RADIOL 205, RADIOL 213, and RADIOL 215
**COREQUISITES:** RADIOL 207, RADIOL 208, RADIOL 209, RADIOL 210, RADIOL 212, and RADIOL 214

1668 15 T 08:45a-09:50a LEC 1.25 CLTN-ARMC Hunter,M
Note: Ref. No. 1668 will be held at Arrowhead Regional Med. Ctr. in Colton. (See Building and Location section in this schedule for the address).

**RADIOL 212 Special Procedures in Radiology** 1.25 Units
Study of the fundamentals of angiography and the special procedures, equipment, positioning, and techniques involved in producing diagnostic radiographs.

**Associate Degree Applicable**
**PREREQUISITES:** RADIOL 200, RADIOL 202, RADIOL 203, RADIOL 204, RADIOL 205, RADIOL 213, and RADIOL 215
**COREQUISITES:** RADIOL 207, RADIOL 208, RADIOL 209, RADIOL 210, RADIOL 211, and RADIOL 214

1670 05 T 07:30a-08:35a LEC 1.25 CLTN-ARMC Hunter,M
Note: Ref. No. 1670 will be held at Arrowhead Regional Med. Ctr. in Colton. (See Building and Location section in this schedule for the address).

### Radiography Clinic IV

**RADIOL 214 Radiographic Clinic IV** 12.50 Units
Advanced clinical experience. Emphasis on perfecting learned skills and techniques of radiography.

**Associate Degree Applicable**
**PREREQUISITES:** RADIOL 200, RADIOL 202, RADIOL 203, RADIOL 204, RADIOL 205, RADIOL 213, and RADIOL 215
**COREQUISITES:** RADIOL 207, RADIOL 208, RADIOL 209, RADIOL 210, RADIOL 211, and RADIOL 212

1672 95 ARR 38 HRS/WK CLINC 12.50 CLTN-ARMC Hunter,M
Note: Ref. No. 1672 will be held at Arrowhead Regional Med. Ctr. in Colton. (See Building and Location section in this schedule for the address).

### 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 9562X

*Not Applicable to the Associate Degree*

**COREQUISITE:** ENGL 976

1676 20 MW 10:00a-11:50a LEC 4.00 EAST-104 Lowe,L
1678 30 MW 01:00p-02:50p LEC 4.00 EAST-104 Lowe,L
1680 40 MW 03:00p-04:50p LEC 4.00 EAST-104 Lowe,L
1682 05 TTH 07:00a-08:50a LEC 4.00 EAST-104 Ford,J
1684 15 TTH 09:00a-10:50a LEC 4.00 EAST-104 Lowe,L
1686 90 TTH 10:00a-11:50a LEC 4.00 WEST-216 Langenfeld,E

This section is linked to ENGL-976-90, CHC-090-90, and LRC-900X-90. This means students enrolling in READ-980-90 (directly above) must also enroll and remain enrolled in ENGL-976-90, CHC-090-90, and LRC-900X-90.

1688 35 TTH 02:00p-03:50p LEC 4.00 EAST-104 Lowe,L
1690 50 MW 05:00p-06:50p LEC 4.00 EAST-104 Wise,L
1692 60 MW 07:00p-08:50p LEC 4.00 EAST-104 Wise,L
1694 55 TTH 06:00p-07:50p LEC 4.00 EAST-104 Larsen,A

### Religious Studies

**RELIG 100 Introduction to Religious Studies** 3.00 Units
Study of the major components all religions have in common, exploring such elements as the holy, sacred stories, ritual, iconography, religious leaders, scripture, morality and ethics, individual and community in religious tradition, the arts and media, and phenomenology.

*This course is also offered as RELIG-100H.*

**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

1700 70 ARR 6 HRS/WK LEC 3.00 - Franko,K
Note: Ref. No. 1700 - 9 week class: 01/19 - 03/25

This is an online class with no on-campus meetings. Participation in this course 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.

**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

1704 10 MW 08:30a-09:45a LEC 3.00 LRC-231 Staff
1706 25 TTH 11:00a-12:15p LEC 3.00 PSAH-224 Cervantes,J
1708 70 ARR 3 HRS/WK LEC 3.00 - Brink,T

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.

1710 71 ARR 6 HRS/WK LEC 3.00 - Staff
Note: Ref. No. 1710 - 9 week class: 03/28 - 05/26

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.

**RELIG 301H Introduction to World Religions-Honors** 3.00 Units
Survey of the major world religions with particular attention to Hindu, Daoist, Confucian, Judaic, Christian, Buddhist, and Islamic traditions. This course includes content and experiences appropriate for students wishing to earn honors credit.

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

**PREREQUISITE:** Acceptance into the College Honors Institute

1712 25 TTH 11:00a-12:15p LEC 3.00 PSAH-224 Cervantes,J

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.
**Religious Studies**

**RELIG 110**  Tribal and Ethnic Religions  3.00 Units
Comparative study of supernaturalism in traditional societies, both past and present, including witchcraft, magic, totemism, mythology and ritual nativistc movements, and the religious context of drug usage.
This course is also offered as ANTHRO-110.
Associate Degree Applicable
Course credit transfers to both CSU and UC.
Departamental Recommendation: Eligibility for ENGL 101

**RELIG 113**  Introduction to Eastern Religions  3.00 Units
Introductory study of the religions of Asia, including Hinduism, Buddhism, Daoism, Confucianism, and Shinto.
Associate Degree Applicable
Course credit transfers to both CSU and UC.

**RELIG 135**  Religion in America  3.00 Units
Study of religion in America from colonial times to present.
This course is also offered as HIST-135.
Associate Degree Applicable
Course credit transfers to both CSU and UC.
Departmental Recommendation: Eligibility for ENGL 101

**RELIG 175**  Literature and Religion of the Bible  3.00 Units
Study of the English Bible as literature and as religion. Includes the examination of the types of literature found in the Bible, and the historical and religious context in which the literature was developed. Provides an extensive reading of the two testaments.
This course is also offered as ENGL-175.
Associate Degree Applicable
Course credit transfers to both CSU and UC.
Departmental Recommendation: Eligibility for ENGL 101

**Respiratory Care**

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

**RESP 109B**  Clinical Refresher: Clinical Application II  2.50 Units
Continued clinical application of diagnostic techniques, equipment, medications, and procedures based on the national Clinical Practice Guidelines as well as local standards of practice.
Graded on Credit/No Credit basis only.
Associate Degree Applicable
Prerequisite: RESP 137

**RESP 134**  Introduction to Pharmacology and Drug Therapy  4.25 Units
Study of the administration of medicine and drug therapy with an emphasis on cardio-respiratory drugs.
Associate Degree Applicable
Prerequisite: Acceptance into Respiratory Care Program
Corequisites: RESP 135, RESP 136, RESP 137, RESP 138X4, RESP 139

**RESP 135**  Fundamentals of Respiratory Care II  4.00 Units
Theoretical application of diagnostic techniques, equipment, medications, and procedures based on the national Clinical Guidelines as well as local standards of practice.
Associate Degree Applicable
Prerequisite: Acceptance into Respiratory Care Program
Corequisites: RESP 134, RESP 136, RESP 137, RESP 138X4, RESP 139

**RESP 136**  Fundamentals Respiratory Care Skills II  6.00 Units
Laboratory application of diagnostic techniques, equipment, medications, and procedures based on the national Clinical Practice Guidelines as well as local standards of practice.
Associate Degree Applicable
Prerequisite: Acceptance into Respiratory Care Program
Corequisites: RESP 134, RESP 135, RESP 136, RESP 138X4, RESP 139

**RESP 137**  Respiratory Care Clinical Application II  7.50 Units
Clinical application of diagnostic techniques, equipment, medications, and procedures based on the national Clinical Practice Guidelines as well as local standards of practice.
Associate Degree Applicable
Prerequisite: Acceptance into Respiratory Care Program
Corequisites: RESP 134, RESP 135, RESP 136, RESP 138X4, RESP 139

**RESP 138**  Clinical Medicine I  1.50 Units
Selected topics related to the practice of cardiopulmonary medicine.
Associate Degree Applicable
Corequisites: RESP 134, RESP 135, RESP 136, RESP 137, RESP 139

**RESP 139**  Perinatal and Pediatric Respiratory Care  4.25 Units
Preparation of the student for clinical practice in Neonatal and Pediatric Intensive Care units.
Associate Degree Applicable
Prerequisite: Acceptance into Respiratory Care Program
Corequisites: RESP 134, RESP 135, RESP 136, RESP 137, RESP 138X4
Social Work

SOCW 101 Introduction to Social Work 3.00 Units
An introduction to the social work profession and social welfare within American society.
Associate Degree Applicable
Course credit transfers to CSU.
DEPARTMENTAL RECOMMENDATION: Eligibility for ENGL 101

1740 65 TH 06:30p-09:50p LEC 3.00 LRC-231 Staff
Note: Ref. No. 1740 - 15 week class: 02/04 - 05/19

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.

1742 10 MW 08:00a-09:15a LEC 3.00 CHN-117 Shelby,P
1744 05 TTH 09:30a-08:45a LEC 3.00 LRC-231 Chhuon,N
1746 35 TTH 02:00p-03:15p LEC 3.00 LRC-231 McKee,J
Note: Ref. No. 1746 - 13 week class: 01/19 - 04/21

1748 80 F 09:00a-11:50a LEC 3.00 LRC-231 McKee,J
1750 70 ARR 3 HRS/WK LEC 3.00 - Pritchard,B
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 CRC 662, Introduction to Online Learning.

1752 71 ARR 3 HRS/WK LEC 3.00 - Pritchard,B
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 CRC 662, Introduction to Online Learning.

1754 72 ARR 6 HRS/WK LEC 3.00 - Pritchard,B
Note: Ref. No. 1754 - 9 week class: 03/28 - 05/26
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 CRC 662, 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-100H.
Associate Degree Applicable
Course credit transfers to both CSU and UC.
PREREQUISITE: Acceptance into the College Honors Institute

1760 35 TTH 02:00p-03:50p LEC 3.00 LRC-231 McKee,J
Note: Ref. No. 1760 - 13 week class: 01/19 - 04/21
1762 60 M 07:00p-09:50p LEC 3.00 EAST-101 McKee,J

Spanish

SPAN 019 Spanish for Medical Personnel I 3.00 Units
Introduction to Spanish for medical and hospital personnel working with Spanish speaking patients. Emphasis on developing comprehension and communication skills in Spanish and acquiring a basic medical terminology through intensive oral use and drilling exercises.
Associate Degree Applicable

1776 55 TTH 05:00p-06:50p LEC 3.00 WEST-107 Fiallo,C
Note: Ref. No. 1776 - 13 week class: 02/23 - 05/26
1778 65 TTH 07:00p-09:50p LEC 3.00 WEST-107 Fiallo,C
Note: Ref. No. 1778 - 9 week class: 01/19 - 03/24
<table>
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<th>Ref Sec</th>
<th>Days</th>
<th>Time</th>
<th>Method</th>
<th>Units</th>
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<th>Instructor</th>
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<tr>
<td>1798</td>
<td>10</td>
<td>10:00a-12:15p</td>
<td>LEC</td>
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<td>WEST-106</td>
<td>Kozanova,M</td>
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<td>1800</td>
<td>45</td>
<td>04:30p-06:45p</td>
<td>LEC</td>
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<td>WEST-106</td>
<td>Ballester,M</td>
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<td>1802</td>
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<td>WEST-107</td>
<td>Schmidt,J</td>
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**Theatre Arts**

<table>
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<tr>
<th>Ref Sec</th>
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<th>Method</th>
<th>Units</th>
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<th>Instructor</th>
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<td>1810</td>
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<td>1812</td>
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<td>07:00p-09:50p</td>
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<td>1818</td>
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<td>Gunter,M</td>
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<td>Ref Sec</td>
<td>Days</td>
<td>Time</td>
<td>Method</td>
<td>Units</td>
<td>Room</td>
<td>Instructor</td>
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<tr>
<td>THART 109</td>
<td>World Drama II</td>
<td>3.00 Units</td>
<td>Surveys of the history of theater from the 1600's to the present. This course is also offered as ENGL-109.</td>
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<tr>
<td>THART 120</td>
<td>Beginning Acting</td>
<td>3.00 Units</td>
<td>Introductory instruction in acting techniques.</td>
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<tr>
<td>THART 124X2</td>
<td>Beginning Performance Workshop</td>
<td>3.00 Units</td>
<td>Beginning preparation, rehearsal, production and performance of plays, musicals and dance performances.</td>
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<tr>
<td>THART 133</td>
<td>Audition Techniques</td>
<td>1.00 Unit</td>
<td>Introduction to the basics of auditioning as a means of getting roles in plays or musicals.</td>
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<tr>
<td>THART 134X4</td>
<td>Technical Theatre Workshop</td>
<td>1.00 Unit</td>
<td>Supervised participation in technical theatre roles associated with the preparation, rehearsal and production of plays, musicals and dance performances.</td>
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<tr>
<td>THART 140X2</td>
<td>Intermediate Performance Workshop</td>
<td>3.00 Units</td>
<td>Intermediate preparation, rehearsal, production and performance of plays, musicals, and dance performances.</td>
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<tr>
<td>THART 140X2</td>
<td>Intermediate Performance Workshop</td>
<td>3.00 Units</td>
<td>Intermediate preparation, rehearsal, production and performance of plays, musicals, and dance performances.</td>
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<tr>
<td>THART 145</td>
<td>Advanced Theatre Practicum I</td>
<td>3.00 Units</td>
<td>Participation in a variety of advanced activities associated with the preparation, rehearsal, production and performance of plays, musicals and dance performances including playwriting, performance, design or directing.</td>
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<tr>
<td>THART 174X4</td>
<td>Dance Production Workshop</td>
<td>2.00 Units</td>
<td>Preparation, rehearsal, production and performance of dance pieces. This course is also offered as DANCE-174X4.</td>
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<tr>
<td>THART 179</td>
<td>Fundamentals of Stagecraft II</td>
<td>3.00 Units</td>
<td>A continuation of THART 176. Study of the history, theory and practice of theatrical production areas including lighting, sound and scene design and construction.</td>
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<tr>
<td>THART 205</td>
<td>Play Directing</td>
<td>3.00 Units</td>
<td>Introduction to the basics of directing plays.</td>
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<tr>
<td>THART 220</td>
<td>Intermediate Acting</td>
<td>3.00 Units</td>
<td>Study of intermediate acting techniques including scene study, text analysis and vocal expression.</td>
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**Ref Sec** | **Days** | **Time** | **Method** | **Units** | **Room** | **Instructor**
--- | --- | --- | --- | --- | --- | ---
1820 20 | MW | 10:00a-11:20a LEC | 3.00 | PAC-309 | Bryant,T | |
1832 95 | ARR | 1.425 HRS/WK LEC | 3.00 | PAC-101 | Bryant,T | |
1828 85 | S | 08:00a-11:50a LEC | 1.00 | PAC-101 | Bryant,T | |
1830 95 | ARR | 0.5 HRS/WK LEC | 1.00 | PAC-101 | McNaughton,A | |
1836 95 | ARR | 1.675 HRS/WK LAB | 3.00 | PAC-101 | Bryant,T | |
1838 95 | ARR | 1 HRS/WK LEC | 2.00 | KHA-135 | Rosenkampf,A | |
1840 50 | MW | 05:00p-06:25p LEC | 3.00 | PAC-101 | Gunter,M | |
1842 45 | TTH | 04:00p-05:20p LEC | 3.00 | PAC-219 | Bryant,T | |
1844 30 | MW | 01:00p-02:20p LEC | 3.00 | PAC-219 | Bryant,T | |

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### THART 221  Advanced Acting  3.00 Units

Theory and practice of characterization in solo ensemble scenes.

**Associate Degree Applicable**

Course credit transfers to both CSU and UC.

**PREREQUISITE:** THART 220

<table>
<thead>
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<th>Ref</th>
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<td>3.00</td>
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*Note: Ref. No. 1846 - 16 week class: 02/01 – 05/25*

### THART 245  Advanced Theatre Practicum II  3.00 Units

Participation in a variety of advanced activities associated with the preparation, rehearsal, production and performance of plays, musicals and dance performances including playwriting, performance, design or directing.

**Associate Degree Applicable**

Course credit transfers to both CSU and UC.

**PREREQUISITE:** THART 145

<table>
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<th>Ref</th>
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<td>95</td>
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<td>1.125 HRS/WK</td>
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<td></td>
<td>ARR</td>
<td>6.75 HRS/WK</td>
<td>LAB</td>
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<td>PAC-101</td>
<td>Bryant, T</td>
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*Note: Ref. No. 1848 - 16 week class: 02/01 – 05/19*

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**Instruction Begins: January 19, 2016**

**Priority Registration:**

A  November 30 – December 2
B  December 3 - 5
C  December 6 - 8
D  December 9 - 11
E  December 12 - 14
F  December 15 - 17

Open Registration December 18 – January 18
Parking Permits (Daily)
Parking permits/decals are required to park in all parking lots and on all college streets.
Daily parking permits available in all lots.
Parking in disabled stalls requires a valid California disabled placard and a valid SBCCD parking permit/decal.

Smoking Areas
This is a smoke-free campus. Smoking in non-designated areas or buildings may result in the issuance of a citation (Board Policy #3570; Government Code #7597)

District Police (909) 389-3275