Crafton Hills College Summer 2019 Class Schedule

as of Friday, August 9th, 2019, 06:43:25 AM

Although this PDF is accurate at the time of printing, use WebAdvisor for the latest updated schedule information.

Accounting

**ACCT-208: Introduction to Financial Accounting**
Fundamental concepts and procedures of financial accounting including the use, interpretation, preparation, and analysis of financial statements.
**Credit Type:** Earned units for this course are applicable to an Associate Degree.
**Transferability:** Course credit transfers to both CSU and UC.

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<tr>
<td>0002</td>
<td>70</td>
<td>4.00</td>
<td>Arranged</td>
<td>Online - Online</td>
<td>DE-LEC</td>
<td></td>
<td></td>
<td>George,K</td>
</tr>
</tbody>
</table>

Note: The DE-LEC part of this class requires 7.2 hours per week of online instruction.
Note: 10 week class from 06/03/19 to 08/08/19.
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 Canvas capability. On the first day of class students must log into Canvas 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.

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<td>0003</td>
<td>71</td>
<td>4.00</td>
<td>Arranged</td>
<td>Online - Online</td>
<td>DE-LEC</td>
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<td>George,K</td>
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</tbody>
</table>

Note: The DE-LEC part of this class requires 7.2 hours per week of online instruction.
Note: 10 week class from 06/03/19 to 08/08/19.
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**ACCT-209: Introduction to Managerial Accounting**
Fundamental concepts and procedures of managerial accounting including the use of management accounting information in decision making.
**Credit Type:** Earned units for this course are applicable to an Associate Degree.
Transferability: Course credit transfers to both CSU and UC.

Prerequisite: ACCT 208.

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<tr>
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<td>Arranged</td>
<td>Online - Online</td>
<td>DE-LEC</td>
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<td>George,K</td>
</tr>
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</table>

Note: The DE-LEC part of this class requires 7.2 hours per week of online instruction.

Note: 10 week class from 06/03/19 to 08/08/19.

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 Canvas capability. On the first day of class students must log into Canvas to access this course and receive initial information from the instructor (typically located on the announcement page of the course). Students with no previous experience in online/hybrid courses are encouraged to enroll in CHC 062, Introduction to Online Learning.

American Sign Language

ASL-101: American Sign Language I
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.

Credit Type: Earned units for this course are applicable to an Associate Degree.

Transferability: Course credit limited transfer CSU & UC. Contact a counselor for details.

Departmental Recommendation: Eligibility for ENGL 101.

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<td>08:00A - 09:25A</td>
<td>LEC</td>
<td>CNTL</td>
<td>307</td>
<td>Michel,P</td>
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</tbody>
</table>

Note: 10 week class from 06/03/19 to 08/08/19.

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

ASL-102: American Sign Language II
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.

Credit Type: Earned units for this course are applicable to an Associate Degree.

Transferability: Course credit limited transfer CSU & UC. Contact a counselor for details.

Prerequisite: ASL 101.

Departmental Recommendation: Eligibility for ENGL 101.

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<th>Ref#</th>
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<td>09:30A - 10:55A</td>
<td>LEC</td>
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Note: 10 week class from 06/03/19 to 08/08/19.
Note: Students who have completed two or more years of high school ASL are encouraged to take the ASL challenge assessment to identify appropriate placement in the ASL sequence. Please contact the Assessment Center at 909-389-3361 for more information.

Anatomy/Physiology

ANAT-101: Essentials of Human Anatomy and Physiology
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.

Credit Type: Earned units for this course are applicable to an Associate Degree.
Transferability: Course credit transfers to CSU.

Ref#  Sec  Units  Days  Time  Type  Build  Rm.  Inst.
0016  01  4.00  --TWR--  10:10A - 11:35A  LEC  CNTL  244  Blanco,G
--T-R--  07:30A - 10:00A  LAB  CYN  203  Blanco,G

Note: 10 week class from 06/04/19 to 08/08/19.

ANAT-150: Human Anatomy and Physiology I
Advanced understanding of the structural and functional aspects of the human body. First in a two semester series; covers biochemistry, cytology, cellular metabolism, histology, osteology, articulations, myology, and the integumentary, and nervous systems.

Credit Type: Earned units for this course are applicable to an Associate Degree.
Transferability: Course credit transfers to both CSU and UC.

Ref#  Sec  Units  Days  Time  Type  Build  Rm.  Inst.
0020  01  4.00  --T-R--  09:40A - 12:10P  LEC  CYN  117  Membreno,N
--T-R--  07:00A - 09:30A  LAB  CYN  201  Membreno,N

Note: 10 week class from 06/04/19 to 08/08/19.
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<td>CYN</td>
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<td>-M-W---</td>
<td>03:30P - 05:50P</td>
<td>LAB</td>
<td>CYN</td>
<td>201</td>
<td>Ta,C</td>
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Note: 10 week class from 06/03/19 to 08/07/19.

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<td>Ta,C</td>
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<td>-M-W---</td>
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Note: 10 week class from 06/03/19 to 08/07/19.

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<td>117</td>
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<td>--T-R--</td>
<td>07:10P - 09:30P</td>
<td>LAB</td>
<td>CYN</td>
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<td>Marion,J</td>
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Note: 10 week class from 06/04/19 to 08/08/19.

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<td>--T-R--</td>
<td>07:10P - 09:30P</td>
<td>LAB</td>
<td>CYN</td>
<td>201</td>
<td>Marion,J</td>
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Note: 10 week class from 06/04/19 to 08/08/19.

ANAT-151: Human Anatomy and Physiology II
Advanced understanding of the structural and functional aspects of the human body. Second in a two semester series; covers hematology, somatic and special senses, the bodies nutritional needs, pregnancy and maturation, electrolyte and acid/base balance, and the endocrine, lymphatic, immune, respiratory, cardiovascular, digestive, urinary, and reproductive systems.

Credit Type: Earned units for this course are applicable to an Associate Degree.

Transferability: Course credit transfers to both CSU and UC.

Prerequisite: ANAT 150.

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<td>-M-W---</td>
<td>07:00A - 09:20A</td>
<td>LAB</td>
<td>CYN</td>
<td>203</td>
<td>Truong,S</td>
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Note: 10 week class from 06/03/19 to 08/07/19.
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<td>0032</td>
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<td>-M-W---</td>
<td>11:30A - 01:50P</td>
<td>LAB</td>
<td>CYN</td>
<td>203</td>
<td>Truong,S</td>
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Note: 10 week class from 06/03/19 to 08/07/19.

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<td>01:00P - 02:25P</td>
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<td>CYN</td>
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<td>-M-W---</td>
<td>02:30P - 04:50P</td>
<td>LAB</td>
<td>CYN</td>
<td>203</td>
<td>Sheikh,S</td>
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</tbody>
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Note: 10 week class from 06/03/19 to 08/07/19.

Anthropology

ANTHRO-100: Introduction to Archaeology
Introduction to the history, objectives, methods, and theory of contemporary archaeology.
**Credit Type:** Earned units for this course are applicable to an Associate Degree.
**Transferability:** Course credit transfers to both CSU and UC.
**Departmental Recomendation:** Eligibility for ENGL 101.

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<td>01</td>
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<td>08:30A - 10:50A</td>
<td>LEC</td>
<td>CNTL</td>
<td>132</td>
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Note: 5 week class from 06/03/19 to 07/03/19.

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<tr>
<th>Ref#</th>
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<tr>
<td>0037</td>
<td>70</td>
<td>3.00</td>
<td>Arranged</td>
<td>Online - Online</td>
<td>DE-LEC</td>
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<td>Schulz,A</td>
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Note: The DE-LEC part of this class requires 10.8 hours per week of online instruction.
Note: 5 week class from 06/03/19 to 07/03/19.
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 Canvas capability. On the first day of class students must log into Canvas 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.

ANTHRO-102: Cultural Anthropology
Introduction to the study of human societies from a cross-cultural perspective.
**Credit Type:** Earned units for this course are applicable to an Associate Degree.
Transferability: Course credit transfers to both CSU and UC.
Prerequisite: ENGL 010 or eligibility for ENGL 101 as determined through the Crafton Hills College assessment process.
Alternate Listing: This course is also offered as ANTHRO-102H.

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<tr>
<td>003</td>
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<td>--T----</td>
<td>11:00A - 01:50P</td>
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<td>CNTL</td>
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<td>This session meets on 06/04/19</td>
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<td>Arranged</td>
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<td>This session meets on 06/04/19</td>
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Note: 5 week class from 06/04/19 to 07/02/19.
Note: This hybrid class includes 5 (five) on-campus meetings, and online components. Participation in this class requires the student to have regular access to a computer, tablet or similar device with internet connectivity and Canvas capability. On the first day of class students must log into Canvas 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.

ANTHRO-106: Biological Anthropology
Introduction to humans as biological organisms from an evolutionary perspective.
Credit Type: Earned units for this course are applicable to an Associate Degree.
Transferability: Course credit transfers to both CSU and UC.
Prerequisite: ENGL 010 or eligibility for ENGL 101 as determined through the Crafton Hills College assessment process.
Alternate Listing: This course is also offered as ANTHRO-106H.

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<td>Arranged</td>
<td>Online - Online</td>
<td>DE-LEC</td>
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<td></td>
<td>Salvi,L</td>
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Note: The DE-LEC part of this class requires 10.8 hours per week of online instruction.
Note: 5 week class from 07/08/19 to 08/08/19.
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 Canvas capability. On the first day of class students must log into Canvas to access this course and receive initial information from the instructor (typically located on the announcement page of the course). Students with no previous experience in online/hybrid courses are encouraged to enroll in CHC 062, Introduction to Online Learning.
Art

ART-100: Art History I: Prehistoric Art to Medieval Art
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.

Credit Type: Earned units for this course are applicable to an Associate Degree.
Transferability: 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.
Alternate Listing: This course is also offered as ART-100H.

Ref#  Sec  Units  Days   Time          Type  Build  Rm.  Inst.
0042  70   3.00  Arranged  Online - Online  DE-LEC        Gergis,N

Note: The DE-LEC part of this class requires 10.8 hours per week of online instruction.
Note: 5 week class from 06/03/19 to 07/03/19.
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 Canvas capability. On the first day of class students must log into Canvas to access this course and receive initial information from the instructor (typically located on the announcement page of the course). Students with no previous experience in online/hybrid courses are encouraged to enroll in CHC 062, Introduction to Online Learning.

ART-102: Art History II: Renaissance - Contemporary Art
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.

Credit Type: Earned units for this course are applicable to an Associate Degree.
Transferability: Course credit transfers to both CSU and UC.
Alternate Listing: This course is also offered as ART-102H.

Ref#  Sec  Units  Days   Time          Type  Build  Rm.  Inst.
0044  70   3.00  Arranged  Online - Online  DE-LEC        Gergis,N

Note: The DE-LEC part of this class requires 10.8 hours per week of online instruction.
Note: 5 week class from 07/08/19 to 08/08/19.
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 Canvas capability. On the first day of class students must log into Canvas to access this course and receive initial information from the instructor (typically located on the announcement page of the course). Students with no previous experience in online/hybrid courses are encouraged to enroll in CHC 062, Introduction to Online Learning.

ART-103: Art Appreciation
Introduction to the visual arts from a multicultural perspective, focusing on the technical,
conceptual, cultural and historic aspects of art.

**Credit Type:** Earned units for this course are applicable to an Associate Degree.

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

**ART-121: Foundations of Three-Dimensional Design**
Introduction to elements and principles of design in three-dimensional space

**Credit Type:** Earned units for this course are applicable to an Associate Degree.

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

**Departmental Recommendation:** Successful completion of ART 120.

**ART-247C: Special Projects in Art**
Independent study for advanced and self-motivated art students with projects determined jointly by the student and instructor.

**Credit Type:** Earned units for this course are applicable to an Associate Degree.

**Transferability:** Course credit transfers to CSU. Limited transfer to UC; credit determined after transfer to UC.

**Prerequisite:** Successful completion of any course in Art.

**Departmental Recommendation:** None.

**Biology**

**BIOL-100: General Biology**
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.

**Credit Type:** Earned units for this course are applicable to an Associate Degree.

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

### Business Administration

**BUSAD-100: Introduction to Business**
Introduction to the fundamental concepts of business in today's economy. Survey of business entities and business activities including accounting, finance, management and marketing.

**Credit Type:** Earned units for this course are applicable to an Associate Degree.

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

**Departmental Recommendation:** Eligibility for ENGL 101.

### BUSAD-200: Business Management
Concepts and applications of successful management functions including planning, organizing, staffing, directing, decision making and controlling business activity.
Credit Type: Earned units for this course are applicable to an Associate Degree.
Transferability: Course credit transfers to CSU.
Departmental Recommendation: Successful completion of BUSAD 100.

<table>
<thead>
<tr>
<th>Ref#</th>
<th>Sec</th>
<th>Units</th>
<th>Days</th>
<th>Time</th>
<th>Type</th>
<th>Build</th>
<th>Rm.</th>
<th>Inst.</th>
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</tr>
</tbody>
</table>

Note: The DE-LEC part of this class requires 5.4 hours per week of online instruction.
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 Canvas capability. On the first day of class students must log into Canvas 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.

BUSAD-210: Business Law
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.
Credit Type: Earned units for this course are applicable to an Associate Degree.
Transferability: Course credit transfers to both CSU and UC.
Departmental Recommendation: Eligibility for ENGL 101.

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<th>Ref#</th>
<th>Sec</th>
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</tr>
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Note: The DE-LEC part of this class requires 5.4 hours per week of online instruction.
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 Canvas capability. On the first day of class students must log into Canvas 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.

Chemistry

CHEM-101: Introduction to Chemistry
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.
Credit Type: Earned units for this course are applicable to an Associate Degree.
Transferability: Course credit transfers to CSU. Limited transfer to UC; contact a counselor for
Details.

**Prerequisite:** MATH 085 or eligibility for MATH 095 as determined through the Crafton Hills College assessment process.

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<td>CYN</td>
<td>117</td>
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<td></td>
<td></td>
<td></td>
<td>-M-W---</td>
<td>10:30A - 12:50P</td>
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<td>CYN</td>
<td>101</td>
<td>Youssef,S</td>
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</table>

Note: 10 week class from 06/03/19 to 08/07/19.

<table>
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<tr>
<th>Ref#</th>
<th>Sec</th>
<th>Units</th>
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<th>Time</th>
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<td>CNTL</td>
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<td>-M-W---</td>
<td>07:30P - 09:50P</td>
<td>LAB</td>
<td>CYN</td>
<td>101</td>
<td>Victor,M</td>
</tr>
</tbody>
</table>

Note: 10 week class from 06/03/19 to 08/07/19.

**CHEM-123: Chemistry for Everyone**
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.

**Credit Type:** Earned units for this course are applicable to an Associate Degree.

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

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<tr>
<th>Ref#</th>
<th>Sec</th>
<th>Units</th>
<th>Days</th>
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<td>DE-LEC</td>
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<td>Boehinger, K</td>
</tr>
</tbody>
</table>

Note: The DE-LEC part of this class requires 10.8 hours per week of online instruction.

Note: 5 week class from 06/03/19 to 07/03/19.

Note: 5 week class from 06/03/19 - 07/03/19. 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 Canvas capability. On the first day of class students must log into Canvas 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.

<table>
<thead>
<tr>
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<th>Days</th>
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</table>

Note: The DE-LEC part of this class requires 10.8 hours per week of online instruction.
Note: 5 week class from 06/03/19 to 07/03/19.
Note: 5 week class from 06/03/2019 to 07/03/2019. 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 Canvas capability. On the first day of class students must log into Canvas to access this course and receive initial information from the instructor (typically located on the announcement page of the course). Students with no previous experience in online/hybrid courses are encouraged to enroll in CHC 062, Introduction to Online Learning.

CHEM-150: General Chemistry I
First semester of a year-long sequence. Topics include atomic structure, bonding, nomenclature, stoichiometry, chemical reactions, enthalpy and the periodic table. (C-ID CHEM 110)
Credit Type: Earned units for this course are applicable to an Associate Degree.
Transferability: Course credit transfers to both CSU and UC.
Prerequisite: MATH 095 or eligibility for MATH 102 as determined through the Crafton Hills College assessment process. CHEM 101 or eligibility for CHEM 150 as determined through the Crafton Hills College assessment process.
Alternate Listing: This course is also offered as CHEM-150H.

<table>
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<td>CYN</td>
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</table>

Note: 10 week class from 06/04/19 to 08/08/19.

Child Development

CD-105: Child Growth and Development
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.
Credit Type: Earned units for this course are applicable to an Associate Degree.
Transferability: Course credit transfers to both CSU and UC.
Alternate Listing: This course is also offered as CD-105H.

<table>
<thead>
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<th>Type</th>
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Communication Studies

COMMST-100: Elements of Public Speaking

Introductory study and training in public communication.

**Credit Type:** Earned units for this course are applicable to an Associate Degree.

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

**Departmental Recommendation:** Concurrent enrollment in ENGL 015 or eligibility for ENGL 101.

<table>
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Note: 8 week class from 06/17/19 to 08/08/19.

<table>
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Note: 5 week class from 07/09/19 to 08/08/19.

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Note: 5 week class from 06/04/19 to 07/03/19.
<table>
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<td></td>
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<td>T-</td>
<td>11:00A - 01:50P</td>
<td>LEC</td>
<td>WEST</td>
<td>106</td>
<td>Urbanovic h,J</td>
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Note: 5 week class from 07/08/19 to 08/06/19.
Note: This hybrid class includes 8 (eight) 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 Canvas capability. On the first day of class students must log into Canvas 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.

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<th>Ref #</th>
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<td>WEST</td>
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Note: 5 week class from 07/08/19 to 08/06/19.
Note: This hybrid class includes 8 (eight) 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 Canvas capability. On the first day of class students must log into Canvas 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.
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Note: 10 week class from 06/03/19 to 08/07/19.

**COMMST-100H: Elements of Public Speaking - Honors**
Introductory study and training in public communication. This course includes content and experiences appropriate for students wishing to earn honors credit.

**Credit Type:** Earned units for this course are applicable to an Associate Degree.

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

**Prerequisite:** Acceptance into the College Honors Institute.

**Departmental Recommendation:** Eligibility for ENGL 101 or concurrent enrollment in ENGL 010.

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<td>202</td>
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</table>

Note: 8 week class from 06/17/19 to 08/08/19.

**COMMST-111: Interpersonal Communication**
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.

**Credit Type:** Earned units for this course are applicable to an Associate Degree.

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

**Departmental Recommendation:** Eligibility for ENGL 101.

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<td>LEC</td>
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Note: 8 week class from 06/17/19 to 08/08/19.

<table>
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<td>07:30A - 10:50A</td>
<td>LEC</td>
<td>WEST</td>
<td>111</td>
<td>Alatorre,G</td>
</tr>
</tbody>
</table>

Note: 5 week class from 06/04/19 to 07/03/19.
COMMST-111H: Interpersonal Communication-Honors
Examination of the dynamics of the communication process within the context of interpersonal relationships. Principles of effective listening and accurate expression of verbal and nonverbal messages. This course includes content and experiences appropriate for students wishing to earn honors credit.

**Credit Type:** Earned units for this course are applicable to an Associate Degree.

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

**Prerequisite:** Acceptance into the College Honors Institute.

**Departmental Recommendation:** Eligibility for ENGL 101.

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**Computer Information Systems**

**CIS-101: Introduction to Computer and Information Technology**
Introduction to computer and information technology. Examination of information systems and their role in business. Includes an overview and the use of computer software including word processing, spreadsheets, presentation applications and databases. This course is also offered as BUSAD 230.

**Credit Type:** Earned units for this course are applicable to an Associate Degree.

**Transferability:** Course credit transfers to both CSU and UC.
**Departmental Recommendation:** Successful completion of CIS 091.

<table>
<thead>
<tr>
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<td>CNTL</td>
<td>121</td>
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Note: 10 week class from 06/04/19 to 08/08/19.
Note: This course includes instruction on the use of the Microsoft Office 2016 Suite. All Crafton Hills College students are eligible to install Microsoft Office 2016 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 2016 required for the course. VirtualBox is available for download at www.virtualbox.org. For more information and instructions for downloading Microsoft Office 365, visit http://www.craftonhills.edu/current-students/software-discounts.php. Assistance downloading and installing Microsoft Office, VirtualBox and MS Windows is available to students enrolled in CIS 101 in CNTL-109A during open computer lab hours.

<table>
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<tr>
<th>Ref#</th>
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<tr>
<td>0100</td>
<td>70</td>
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<td>Online - Online</td>
<td>DE-LEC</td>
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<td>Ruiz,S</td>
</tr>
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Note: The DE-LEC part of this class requires 5.4 hours per week of online instruction.
Note: 10 week class from 06/03/19 to 08/08/19.
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 Canvas capability. On the first day of class students must log into Canvas 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. This course includes instruction on the use of the Microsoft Office 2016 Suite. All Crafton Hills College students are eligible to install Microsoft Office 2016 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 2016 required for the course. VirtualBox is available for download at www.virtualbox.org. For more information and instructions for downloading Microsoft Office 365, visit http://www.craftonhills.edu/current-students/software-discounts.php. Assistance downloading and installing Microsoft Office, VirtualBox and MS Windows is available to students enrolled in CIS 101 in CNTL-109A during open computer lab hours.

**CIS-130: Hardware and Information Technology**

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.

**Credit Type:** Earned units for this course are applicable to an Associate Degree.

**Departmental Recommendation:** Successful completion of CIS 101.

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<td>03:00P - 05:20P</td>
<td>LEC</td>
<td>CNTL</td>
<td>109A</td>
<td>Romano,N</td>
</tr>
</tbody>
</table>
Note: 10 week class from 06/03/19 to 08/07/19.

CIS-141: Basic Routing and Switching (Cisco CCNA2)
Second of four courses leading to the Cisco Certified Network Associate (CCNA) designation. Introduction to the architecture, components, and operations of routers and switches in a small network. Development of skills needed to configure a router and switch for basic functionality.
**Credit Type:** Earned units for this course are applicable to an Associate Degree.
**Prerequisite:** CIS 140.

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<td>CNTL</td>
<td>109A</td>
<td>Limoges,K</td>
</tr>
</tbody>
</table>

Note: 10 week class from 06/04/19 to 08/08/19.

CIS-163: Adobe Photoshop
Design, creation, and manipulation of original and existing images and photographs using Photoshop. Preparation for the Adobe Certified Expert (ACE) certification exam in Photoshop.
**Credit Type:** Earned units for this course are applicable to an Associate Degree.
**Transferability:** Course credit transfers to CSU.
**Departmental Recommendation:** Successful completion of CIS 091.
**Alternate Listing:** This course is also offered as MULTI-111.

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<td>CNTL</td>
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Note: 10 week class from 06/04/19 to 08/08/19.

CIS-190A: Web Design Work Experience
A one-semester course providing hands-on experience in web page design and web site management resulting in an increase in both career awareness and workforce readiness. Students must work a minimum of 60 hours in a semester to meet the course credit requirements. The work experience must be secured by the student and can either be paid or volunteer work.
**Credit Type:** Earned units for this course are applicable to an Associate Degree.
**Prerequisite:** Successful completion of Web Design course work relevant to the work experience and instructor approval.

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<td>302</td>
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</table>

Note: 10 week class from 06/03/19 to 08/08/19.

Note: Enrollment in this course is by petition only. Students interested in enrolling must first receive permission from the instructor before the petition can be granted. Please contact the instructor, Edward Papp, at epapp@craftonhills.edu to express your interest in enrollment and request a
CIS-190B: Network Administration Work Experience
A one-semester course offering hands-on experience in network design, implementation, support and administration resulting in an increase in both career awareness and workforce readiness. Students must work a minimum of 60 hours in a semester to meet the course credit requirements. The work experience must be secured by the student and can either be paid or volunteer work.

Credit Type: Earned units for this course are applicable to an Associate Degree.

Prerequisite: Successful completion of networking course work relevant to the work experience and instructor approval.

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</table>

Note: 10 week class from 06/03/19 to 08/08/19.

Note: Enrollment in this course is by petition only. Students interested in enrolling must first receive permission from the instructor before the petition can be granted. Please contact the instructor, Edward Papp, at epapp@craftonhills.edu to express your interest in enrollment and request a petition.

CIS-190C: Hardware Technician Work Experience
A one-semester course offering hands-on experience in computer hardware maintenance and end-user support. Students must work a minimum of 60 hours in a semester to meet the course credit requirements. The work experience must be secured by the student and can either be paid or volunteer work.

Credit Type: Earned units for this course are applicable to an Associate Degree.

Prerequisite: Successful completion of computer hardware course work relevant to the work experience and instructor approval.

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<th>Ref#</th>
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Note: 10 week class from 06/03/19 to 08/08/19.

Note: Enrollment in this course is by petition only. Students interested in enrolling must first receive permission from the instructor before the petition can be granted. Please contact the instructor, Edward Papp, at epapp@craftonhills.edu to express your interest in enrollment and request a petition.

CIS-190E: Digital Media Design Work Experience
A one-semester course offering hands-on experience in digital media design. Students must work a minimum of 60 hours in a semester to meet the course credit requirements. The work experience must be secured by the student and can either be paid or volunteer work.

Credit Type: Earned units for this course are applicable to an Associate Degree.
Prerequisite: Successful completion of digital media coursework relevant to the work experience and instructor approval.

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<th>Ref#</th>
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Note: 10 week class from 06/03/19 to 08/08/19.
Note: Enrollment in this course is by petition only. Students interested in enrolling must first receive permission from the instructor before the petition can be granted. Please contact the instructor, Edward Papp, at epapp@craftonhills.edu to express your interest in enrollment and request a petition.

Computer Science (CHC)

CSCI-110: Introduction to Computer Science I (c++)
Introduction to computer science, including programming, theory, and applications. Introduction to computer software design, implementation, methods, environment, and problem solving using the C++ language. (C-ID COMP 122)

Credit Type: Earned units for this course are applicable to an Associate Degree.
Transferability: Course credit transfers to both CSU and UC.
Prerequisite: MATH 102 or MATH 160 or eligibility for MATH 250 as determined through the Crafton Hills College assessment process.

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<td>121</td>
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</table>

Note: 10 week class from 06/04/19 to 08/08/19.
Note: This course includes instruction equivalent to a first-semester C++ programming course.

Counseling

COUN-100: Student Success and the College Experience
Introduction to the college experience, including academic and career self-assessment and strategies for success. *COUN 130 and CHC 100 combined: maximum UC transferable credit, one course

Credit Type: Earned units for this course are applicable to an Associate Degree.
Transferability: Course credit transfers to both CSU and UC.
Formerly: CHC-100.
COUN-110: Introduction to Career, Education and Life Planning
Introduction to career planning for the first time career seeker. Exploration of academic, personal, and career goals through assessment, self-exploration, and class projects.

Credit Type: Earned units for this course are applicable to an Associate Degree.
Transferability: Course credit transfers to CSU.
Departmental Recommendation: eligibility for ENGL 101 as determined through the Crafton Hills College assessment process.

COUN-120: Stress Management and Emotional Well-Being
Understanding and application of stress management and emotional wellness strategies.

Credit Type: Earned units for this course are applicable to an Associate Degree.
Transferability: Course credit transfers to both CSU and UC.
Departmental Recommendation: eligibility for ENGL 101 as determined through the Crafton Hills College assessment process.
Economics

**ECON-100: Introduction to Economics**
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.

**Credit Type:** Earned units for this course are applicable to an Associate Degree.

**Transferability:** 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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Note: The DE-LEC part of this class requires 5.4 hours per week of online instruction.
Note: 10 week class from 06/03/19 to 08/08/19.
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 Canvas capability. On the first day of class students must log into Canvas 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.

**ECON-200: Principles of Macroeconomics**
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.

**Credit Type:** Earned units for this course are applicable to an Associate Degree.

**Transferability:** 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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</table>

Note: The DE-LEC part of this class requires 10.8 hours per week of online instruction.
Note: 5 week class from 06/03/19 to 07/05/19.
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 Canvas capability. On the first day of class students must log into Canvas 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.
**ECON-201: Principles of Microeconomics**
An introduction to economic principles that govern production, exchange, distribution and consumption in a capitalist economy.  
**Credit Type:** Earned units for this course are applicable to an Associate Degree.  
**Transferability:** 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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Note: The DE-LEC part of this class requires 10.8 hours per week of online instruction.  
Note: 5 week class from 07/08/19 to 08/08/19.  
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 Canvas capability. On the first day of class students must log into Canvas 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.

**Educational Assistance**

**EA-907: Learning Disability Assessment**  
Assessment for learning disabilities services eligibility. Group and individual testing, basic instruction in study skills, academic accommodations, and learning styles.  
**Credit Type:** Earned units for this course are NOT applicable to an Associate Degree.  
**Grading Restriction:** Graded on a Credit/No Credit basis only.  
**Departmental Recommendation:** Eligibility for Disabled Students Programs and Services (DSPS).  
**Formerly:** LRC-907.

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<td>CCR</td>
<td>101</td>
<td>O'Shaughnessy,V</td>
</tr>
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</table>

Note: 10 week class from 06/03/19 to 08/08/19.

**Emergency Medical Services**

**EMS-156: Clinical Internship for the Paramedic**  
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.  

**Credit Type:** Earned units for this course are applicable to an Associate Degree.  

**Transferability:** Course credit transfers to CSU.  

**Prerequisites:** EMS 150, EMS 151, EMS 152, EMS 153, EMS 154, and EMS 155.

### Engineering

**ENGR-101: Introduction to Engineering**  
Introduction to field of engineering. Study of the history of engineering, engineering disciplines and related fields of study; educational requirements and career opportunities for engineers; and standards of professional practice including communication, ethics and safety.  

**Credit Type:** Earned units for this course are applicable to an Associate Degree.  

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

**Prerequisite:** MATH 095 or eligibility for MATH 102 as determined through the Crafton Hills College assessment process.

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<td>-MTWR-</td>
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<td>LAB</td>
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Note: 6 week class from 06/10/19 to 07/16/19.  
Note: This section meets at Yucaipa High School in Yucaipa. 33000 Yucaipa Blvd., Yucaipa, CA -- Room I-103.

### English

**ENGL-010: Preparation for College English**  
Instruction in the essential skills necessary for college-level reading and effective expository writing. Replaces ENGL 015.  

**Credit Type:** Earned units for this course are applicable to an Associate Degree.  

**Prerequisite:** READ 980 and ENGL 976 or eligibility for ENGL 010 as determined by the Crafton Hills College assessment process.
ENGL-101: Freshman Composition
Instruction in writing compositions from personal, reflective, and argumentative perspectives.
Credit Type: Earned units for this course are applicable to an Associate Degree.
Transferability: Course credit transfers to both CSU and UC.
Prerequisite: ENGL 010 or eligibility for ENGL 101 as determined through the Crafton Hills College assessment process.
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<td>11:00A - 03:20P</td>
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<td>EAST</td>
<td>104</td>
<td>De la Pena,S</td>
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Note: 5 week class from 07/09/19 to 08/08/19.

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<td>Hamlett,C</td>
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Note: The DE-LEC part of this class requires 9 hours per week of online instruction.
Note: 8 week class from 06/17/19 to 08/08/19.
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 Canvas capability. On the first day of class students must log into Canvas 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.

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<td>Hamlett,C</td>
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Note: The DE-LEC part of this class requires 9 hours per week of online instruction.
Note: 8 week class from 06/17/19 to 08/08/19.
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 Canvas capability. On the first day of class students must log into Canvas 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.

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Note: The DE-LEC part of this class requires 14.40 hours per week of online instruction.
Note: 5 week class from 06/03/19 to 07/03/19.
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 Canvas capability. On the first day of class students must log into Canvas to access this course and receive initial information from the instructor (typically located on the announcement page of the course). Students with no previous experience in online/hybrid courses are encouraged to enroll in CHC 062, Introduction to Online Learning.
ENGL-101H: Freshman Composition-Honors

Instruction in writing compositions from personal, reflective, and argumentative perspectives. This course includes content and experiences appropriate for students wishing to earn honors credit.

**Credit Type:** Earned units for this course are applicable to an Associate Degree.

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

**Prerequisite:** ENGL 010 or eligibility for ENGL 101 as determined through the Crafton Hills College assessment process. Acceptance into the College Honors Institute.

ENGL-102: Intermediate Composition and Critical Thinking

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.

**Credit Type:** Earned units for this course are applicable to an Associate Degree.

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

**Prerequisite:** ENGL 101 or ENGL 101H.
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<tr>
<th>Ref#</th>
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</tbody>
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Note: 8 week class from 06/18/19 to 08/08/19.

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<tr>
<th>Ref#</th>
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Note: The DE-LEC part of this class requires 7.2 hours per week of online instruction.
Note: 10 week class from 06/03/19 to 08/08/19.
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 Canvas capability. On the first day of class students must log into Canvas 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.

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Note: The DE-LEC part of this class requires 7.2 hours per week of online instruction.
Note: 10 week class from 06/03/19 to 08/08/19.
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 Canvas capability. On the first day of class students must log into Canvas 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.

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Note: The DE-LEC part of this class requires 9 hours per week of online instruction.
Note: 8 week class from 06/17/19 to 08/08/19.
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 Canvas capability. On the first day of class students must log into Canvas to access this course and receive initial information from the instructor (typically located on the announcement page of the course). Students with no previous experience in online/hybrid courses are encouraged to enroll in CHC 062, Introduction to Online Learning.
ENGL-102H: Intermediate Composition and Critical Thinking-Honors
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.

**Credit Type:** Earned units for this course are applicable to an Associate Degree.

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

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

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<td>Ramos,S</td>
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</table>

Note: 10 week class from 06/03/19 to 08/08/19.

Environmental Science

ENVS-101: Introduction to Environmental Science
A multidisciplinary introduction to environmental and natural resource issues with an emphasis on the relationship to the physical, chemical, and biological sciences.

**Credit Type:** Earned units for this course are applicable to an Associate Degree.

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

**Departmental Recommendation:** Eligibility for ENGL 101. Eligibility for MATH 095.

**Alternate Listing:** This course is also offered as ENVS-101H.

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<th>Ref#</th>
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</table>

Note: 5 week class from 06/03/19 to 07/03/19.

Fire Technology

FIRET-100: Fire Protection Organization
Provides information for newcomers in the fire service about the history, organization, traditions, terminology, and operation of the fire service. (C-ID FIRE100X)

**Credit Type:** Earned units for this course are applicable to an Associate Degree.

**Transferability:** Course credit transfers to CSU.
**Departmental Recommendations:** Eligibility for ENGL 101 and eligibility for MATH 090 as determined through the Crafton Hills College assessment process.

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<td>215</td>
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Note: 5 week class from 06/03/19 to 07/03/19.

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<td>PSAH</td>
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</table>

Note: 5 week class from 06/03/19 to 07/03/19.

**FIRET-101: Fire Prevention Technology**  
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.  
**Credit Type:** Earned units for this course are applicable to an Associate Degree.  
**Transferability:** Course credit transfers to CSU.  
**Departmental Recommendations:** Eligibility for ENGL 101 and eligibility for MATH 090 as determined through the Crafton Hills College assessment process. Concurrent enrollment in FIRET 100.

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<tr>
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<td>LEC</td>
<td>PSAH</td>
<td>215</td>
<td>Overstreet-Murphy,P</td>
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</table>

Note: 5 week class from 07/08/19 to 08/07/19.

**Geology**

**GEOL-190: Geology of the Eastern Sierra Nevada, Northern Section**  
Discussion and observation of the physical and historical geology and natural history of the northern part of the Sierra Nevada, including Mammoth Mountain and the Long Valley Caldera. Students must attend the field trip or complete an approved alternative assignment to successfully complete the course.  
**Credit Type:** Earned units for this course are applicable to an Associate Degree.  
**Transferability:** Course credit transfers to CSU.  
**Departmental Recommendation:** Eligibility for ENGL 101 and eligibility for MATH 095 or higher.
Note: 8 week class from 06/19/19 to 08/07/19.
Note: 8 week class from 06/19/18 - 08/07/19. Note: Required field trip (Friday-Sunday) to the Northern part of the Sierra Nevada, including Mammoth Mountain and the Long Valley Caldera. All participants must pay an accommodations fee. The class will meet (1) Wednesday from 6:00 pm - 7:50 pm in NORTH COMPLEX (NRTH) 107. The mandatory field trip dates will be announced at the first meeting.

**GEOL-246A: Special Problems in Geology**
Independent projects for students interested in the enrichment of their knowledge of geology.  
**Credit Type:** Earned units for this course are applicable to an Associate Degree.  
**Transferability:** Course credit transfers to CSU. Limited transfer to UC; credit determined after transfer to UC.  
**Prerequisite:** GEOL 100 or GEOL 100H or GEOL 101 or GEOL 101H.

Note: 8 week class from 06/19/19 to 08/07/19.

**GEOL-246B: Special Problems in Geology**
Independent projects for students interested in the enrichment of their knowledge of geology.  
**Credit Type:** Earned units for this course are applicable to an Associate Degree.  
**Transferability:** Course credit transfers to CSU. Limited transfer to UC; credit determined after transfer to UC.  
**Prerequisite:** GEOL 100 or GEOL 100H or GEOL 101 or GEOL 101H.

Note: 8 week class from 06/19/19 to 08/07/19.
Health Education

HEALTH-102: Biological Principles of Health
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).
Credit Type: Earned units for this course are applicable to an Associate Degree.
Transferability: Course credit transfers to both CSU and UC.

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Note: 10 week class from 06/04/19 to 08/08/19.

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Note: The DE-LEC part of this class requires 10.8 hours per week of online instruction.
Note: 5 week class from 06/03/19 to 07/05/19.
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 Canvas capability. On the first day of class students must log into Canvas 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.

HEALTH-263: Nutrition and Health
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.
Credit Type: Earned units for this course are applicable to an Associate Degree.
Transferability: Course credit transfers to both CSU and UC.
Departmental Recommendation: Eligibility for MATH 090.
Alternate Listing: This course is also offered as HEALTH-263H.

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Note: The DE-LEC part of this class requires 10.8 hours per week of online instruction.
Note: 5 week class from 06/03/19 to 07/05/19.
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 Canvas capability. On the first day of class students must log into Canvas to access this course and receive initial information from the instructor (typically located on the announcement page of the course).
course). Students with no previous experience in online/hybrid courses are encouraged to enroll in CHC 062, Introduction to Online Learning.

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Note: The DE-LEC part of this class requires 10.8 hours per week of online instruction.
Note: 5 week class from 06/03/19 to 07/05/19.
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 Canvas capability. On the first day of class students must log into Canvas 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.

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Note: The DE-LEC part of this class requires 10.8 hours per week of online instruction.
Note: 5 week class from 07/09/19 to 08/08/19.
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 Canvas capability. On the first day of class students must log into Canvas 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.

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Note: The DE-LEC part of this class requires 10.8 hours per week of online instruction.
Note: 5 week class from 07/09/19 to 08/08/19.
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 Canvas capability. On the first day of class students must log into Canvas 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.
Health Information Technology

**HIT-101: Medical Terminology**
Instruction in the usage, spelling, pronunciation, and meaning of terminology used to describe the human body.

**Credit Type:** Earned units for this course are applicable to an Associate Degree.

**Transferability:** Course credit transfers to CSU.

**Formerly:** AH-101.

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Note: 8 week class from 06/18/19 to 08/08/19.

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Note: The DE-LEC part of this class requires 10.8 hours per week of online instruction.

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 Canvas capability. On the first day of class students must log into Canvas 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.

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Note: The DE-LEC part of this class requires 10.8 hours per week of online instruction.

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 Canvas capability. On the first day of class students must log into Canvas to access this course and receive initial information from the instructor (typically located on the announcement page of the course). Students with no previous experience in online/hybrid courses are encouraged to enroll in CHC 062, Introduction to Online Learning.

History

**HIST-100: History of the United States to 1877**
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.

Credit Type: Earned units for this course are applicable to an Associate Degree.

Transferability: Course credit transfers to both CSU and UC.

Departmental Recommendations: Eligibility for ENGL 101.

Ref#  Sec  Units  Days   Time     Type  Build  Rm.  Inst.
0182  01   3.00  -MTWR-- 11:00A - 01:20P LEC  CNTL  132  Mello,B

Note: 5 week class from 06/03/19 to 07/03/19.

Ref#  Sec  Units  Days   Time     Type  Build  Rm.  Inst.
0184  70   3.00  Arranged  Online - Online DE-LEC             Keys,S

Note: The DE-LEC part of this class requires 10.8 hours per week of online instruction.
Note: 5 week class from 07/08/19 to 08/08/19.
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 Canvas capability. On the first day of class students must log into Canvas 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.

Ref#  Sec  Units  Days   Time     Type  Build  Rm.  Inst.
0186  71   3.00  Arranged  Online - Online DE-LEC             Menzing,T

Note: The DE-LEC part of this class requires 10.8 hours per week of online instruction.
Note: 5 week class from 06/03/19 to 07/05/19.
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 Canvas capability. On the first day of class students must log into Canvas to access this course and receive initial information from the instructor (typically located on the announcement page of the course). Students with no previous experience in online/hybrid courses are encouraged to enroll in CHC 062, Introduction to Online Learning.

HIST-100H: History of the United States to 1877- Honors
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.

Credit Type: Earned units for this course are applicable to an Associate Degree.

Transferability: 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.

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Note: 5 week class from 06/03/19 to 07/03/19.

HIST-101: History of the United States 1865 to Present
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.

Credit Type: Earned units for this course are applicable to an Associate Degree.

Transferability: Course credit transfers to both CSU and UC.

Departmental Recommendation: Eligibility for ENGL 101.

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Note: 5 week class from 07/08/19 to 08/08/19.

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Note: The DE-LEC part of this class requires 10.8 hours per week of online instruction.

Note: 5 week class from 06/03/19 to 07/03/19.

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 Canvas capability. On the first day of class students must log into Canvas 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.

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Note: 5 week class from 07/08/19 to 08/08/19.

HIST-101H: History of the United States 1865 to Present-Honors
Survey of American history 1865 to present. Introduction to key social, political, economic and cultural issues and developments in America's emergence as an urban, industrial and technological,
global-leading, consumer society. This course includes content and experiences appropriate for students wishing to earn honors credit.

**Credit Type:** Earned units for this course are applicable to an Associate Degree.

**Transferability:** 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.

### HUM-101: The Humanities I: Prehistoric to Medieval
Study of humanities through the arts and ideas of earliest civilization through the Medieval period. Development of the understanding of historical context, basic elements, meaning, form, and critical evaluation skills as they relate to the humanities.

**Credit Type:** Earned units for this course are applicable to an Associate Degree.

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

**Departmental Recommendation:** Eligibility for ENGL 101.

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Note: 5 week class from 07/08/19 to 08/08/19.

### HUM-140: Humanities Through the Arts
Study of humanities through seven major arts: film, drama, music, literature, painting, sculpture, and architecture. Development of the understanding of historical context, basic elements, meaning, form, and critical evaluation skills as they relate to art.

**Credit Type:** Earned units for this course are applicable to an Associate Degree.

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

**Departmental Recommendation:** Eligibility for ENGL 101.

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Note: The DE-LEC part of this class requires 10.8 hours per week of online instruction.

Note: 5 week class from 06/03/19 to 07/05/19.

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 Canvas capability. On the first day of class students must log into Canvas 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.
Note: The DE-LEC part of this class requires 10.8 hours per week of online instruction. 
Note: 5 week class from 07/08/19 to 08/08/19. 
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 Canvas capability. On the first day of class students must log into Canvas 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.

Kinesiology

KIN-200: Introduction to Kinesiology
Introduction to the interdisciplinary study of human movement. 
Credit Type: Earned units for this course are applicable to an Associate Degree. 
Transferability: Course credit transfers to both CSU and UC.

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Note: The DE-LEC part of this class requires 6.75 hours per week of online instruction. 
Note: 8 week class from 06/17/19 to 08/07/19. 
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 Canvas capability. On the first day of class students must log into Canvas 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.

KIN-231: First Aid and CPR
Provides instruction on emergency care and treatment of illnesses and injuries including training in CPR and AED. 
Credit Type: Earned units for this course are applicable to an Associate Degree. 
Transferability: Course credit transfers to both CSU and UC.

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Note: 8 week class from 06/17/19 to 08/07/19.
Kinesiology (Fitness, CHC)

**KIN/F-970A: Personal Fitness Assessment I**
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.

**Credit Type:** Earned units for this course are NOT applicable to an Associate Degree.

**Grading Restriction:** Graded on a Credit/No Credit basis only.

**Formerly:** KIN-970A.

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Note: 8 week class from 06/17/19 to 08/08/19.

**KIN/F-970B: Personal Fitness Assessment II**
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.

**Credit Type:** Earned units for this course are NOT applicable to an Associate Degree.

**Grading Restriction:** Graded on a Credit/No Credit basis only.

**Prerequisite:** KIN-970A.

**Formerly:** KIN-970B.

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Note: 8 week class from 06/17/19 to 08/08/19.

**KIN/F-970C: Personal Fitness Assessment III**
Fitness assessment designed for students who have already completed the fitness assessment twice and are interested in intermediate/advanced methods to improve their fitness level and re-evaluation of cardiorespiratory fitness, muscular strength, muscular endurance, flexibility, body composition, blood pressure, health history, and dietary intake.

**Credit Type:** Earned units for this course are NOT applicable to an Associate Degree.

**Grading Restriction:** Graded on a Credit/No Credit basis only.

**Prerequisite:** KIN 970B Personal Fitness Assessment II.

**Formerly:** KIN-970C.

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</table>

Note: 8 week class from 06/17/19 to 08/08/19.
KIN/F-970D: Personal Fitness Assessment IV
Fitness assessment designed for students who have already completed the fitness assessment three times and are interested in re-evaluation of cardiorespiratory fitness, muscular strength, muscular endurance, flexibility, body composition, blood pressure, health history, and dietary intake.
**Credit Type:** Earned units for this course are NOT applicable to an Associate Degree.
**Grading Restriction:** Graded on a Credit/No Credit basis only.
**Prerequisite:** KIN 970C Personal Fitness Assessment III.
**Formerly:** KIN-970D.

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Note: 8 week class from 06/17/19 to 08/08/19.

KIN/F-106A: Total Body Fitness I
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.
**Credit Type:** Earned units for this course are applicable to an Associate Degree.
**Transferability:** Course credit transfers to both CSU and UC.

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Note: 8 week class from 06/17/19 to 08/07/19.

KIN/F-106B: Total Body Fitness II
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.
**Credit Type:** Earned units for this course are applicable to an Associate Degree.
**Transferability:** Course credit transfers to both CSU and UC.

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Note: 8 week class from 06/17/19 to 08/07/19.
KIN/F-106C: Total Body Fitness III
Training designed for intermediate/advanced-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.
Credit Type: Earned units for this course are applicable to an Associate Degree.
Transferability: Course credit transfers to both CSU and UC.

KIN/F-106D: Total Body Fitness IV
Training designed for advanced-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.
Credit Type: Earned units for this course are applicable to an Associate Degree.
Transferability: Course credit transfers to both CSU and UC.
Weight training for beginners with little or no weight training knowledge and skills and advanced
students who desire more sophisticated routines.

**Credit Type:** Earned units for this course are applicable to an Associate Degree.

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

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Note: 8 week class from 06/18/19 to 08/08/19.

**KIN/F-108B: Resistance & Weight Training II**

Resistance training for intermediate students with minimal knowledge and skills of training.
Development of a complete, individualized program utilizing primarily weight training machines and
own body resistance, and focusing on improved muscle endurance and strength.

**Credit Type:** Earned units for this course are applicable to an Associate Degree.

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

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Note: 8 week class from 06/18/19 to 08/08/19.

**KIN/F-108C: Resistance and Weight Training III**

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.

**Credit Type:** Earned units for this course are applicable to an Associate Degree.

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

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Note: 8 week class from 06/18/19 to 08/08/19.

**KIN/F-108D: Resistance & Weight Training IV**

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.

**Credit Type:** Earned units for this course are applicable to an Associate Degree.

**Transferability:** Course credit transfers to both CSU and UC.
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Note: 8 week class from 06/18/19 to 08/08/19.

**KIN/F-168A: Yoga I**
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.

**Credit Type:** Earned units for this course are applicable to an Associate Degree.

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

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Note: 8 week class from 06/17/19 to 08/07/19.

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Note: 8 week class from 06/18/19 to 08/08/19.

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Note: 8 week class from 06/18/19 to 08/08/19.

Note: All Aerial yoga class using yoga hammocks.

**KIN/F-168B: Yoga II**
Yoga training suitable for individuals of all ages and fitness levels. Principles of yoga with an emphasis on the practice of intermediate yoga poses.

**Credit Type:** Earned units for this course are applicable to an Associate Degree.

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

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Note: 8 week class from 06/17/19 to 08/07/19.
Note: 8 week class from 06/18/19 to 08/08/19.

<table>
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<td>KHA</td>
<td>135</td>
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</tr>
</tbody>
</table>

Note: 8 week class from 06/18/19 to 08/08/19. Note: All Aerial yoga class using yoga hammocks.

**KIN/F-168C: Yoga III**
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.  
**Credit Type:** Earned units for this course are applicable to an Associate Degree.  
**Transferability:** Course credit transfers to both CSU and UC.

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<tr>
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<th>Days</th>
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<th>Rm.</th>
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<td>135</td>
<td>Johnson,E</td>
</tr>
</tbody>
</table>

Note: 8 week class from 06/17/19 to 08/07/19.

**KIN/F-168D: Yoga IV**
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.  
**Credit Type:** Earned units for this course are applicable to an Associate Degree.  
**Transferability:** Course credit transfers to both CSU and UC.
Ref#   Sec  Units  Days     Time      Type   Build  Rm.   Inst.

0248  10  0.50  -M-W---  08:00A - 09:20A  LAB  KHA  135  Johnson,E

Note: 8 week class from 06/17/19 to 08/07/19.

0250  01  0.50  --T-R--  08:00A - 09:20A  LAB  KHA  133  Johnson,E

Note: 8 week class from 06/18/19 to 08/08/19.

0252  55  0.50  --T-R--  06:00P - 07:20P  LAB  KHA  135  Johnson,E

Note: 8 week class from 06/18/19 to 08/08/19.
Note: All Aerial yoga class using yoga hammocks.

KIN/F-173A: Water Aerobics and Deep Water Exercise I
Instruction in basic fitness concepts and water exercise. Development of strength, flexibility, balance, coordination and cardiovascular fitness within a water aerobic format.

Credit Type: Earned units for this course are applicable to an Associate Degree.
Transferability: Course credit transfers to both CSU and UC.

0254  01  0.50  --T-R--  11:00A - 12:20P  LAB  KHA  S-POOL  Montenegro,D

Note: 8 week class from 06/18/19 to 08/08/19.

KIN/F-173B: Water Aerobics and Deep Water Exercise II
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.

Credit Type: Earned units for this course are applicable to an Associate Degree.
Transferability: Course credit transfers to both CSU and UC.

0256  01  0.50  --T-R--  11:00A - 12:20P  LAB  KHA  S-POOL  Montenegro,D

Note: 8 week class from 06/18/19 to 08/08/19.

KIN/F-173C: Water Aerobics and Deep Water Exercise III
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.

**Credit Type:** Earned units for this course are applicable to an Associate Degree.

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

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<td>Montenegro,D</td>
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</table>

Note: 8 week class from 06/18/19 to 08/08/19.

**KIN/F-173D: Water Aerobics and Deep Water Exercise IV**
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.

**Credit Type:** Earned units for this course are applicable to an Associate Degree.

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

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Note: 8 week class from 06/18/19 to 08/08/19.

**Kinesiology (Sports/Skilled)**

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

**Credit Type:** Earned units for this course are applicable to an Associate Degree.

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

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Note: 8 week class from 06/17/19 to 08/07/19.

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

**Credit Type:** Earned units for this course are applicable to an Associate Degree.

**Transferability:** Course credit transfers to both CSU and UC.
KIN/S-116C: Soccer III
Instruction in the intermediate/advanced level skills, techniques, strategies, and rules of the sport of soccer.

**Credit Type:** Earned units for this course are applicable to an Associate Degree.

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

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Note: 8 week class from 06/17/19 to 08/07/19.

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

**Credit Type:** Earned units for this course are applicable to an Associate Degree.

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

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Note: 8 week class from 06/17/19 to 08/07/19.

KIN/S-164A: Swimming I
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.

**Credit Type:** Earned units for this course are applicable to an Associate Degree.

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

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<th>Ref#</th>
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Note: 8 week class from 06/17/19 to 08/07/19.

KIN/S-164B: Swimming II
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.
KIN/S-164C: Swimming III
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.

Credit Type: Earned units for this course are applicable to an Associate Degree.
Transferability: Course credit transfers to both CSU and UC.

Ref#  Sec  Units  Days  Time  Type  Build  Rm.  Inst.
0280  25  0.50  -M-W---  11:15A - 12:35P  LAB  KHA  S-POOL  Eads,C
Note: 8 week class from 06/17/19 to 08/07/19.

KIN/S-164D: Swimming IV
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.

Credit Type: Earned units for this course are applicable to an Associate Degree.
Transferability: Course credit transfers to both CSU and UC.

Ref#  Sec  Units  Days  Time  Type  Build  Rm.  Inst.
0282  25  0.50  -M-W---  11:15A - 12:35P  LAB  KHA  S-POOL  Eads,C
Note: 8 week class from 06/17/19 to 08/07/19.

Learning Resources Center

LRC-900: Supervised Tutoring
Provides academic support services to students enabling them to succeed in various content area classes.

Credit Type: Noncredit course.
Grading Restriction: Graded on a Credit/No Credit basis only.
Corequisite: Enrollment in at least one other course at Crafton Hills College.
Formerly: LRC-900X8.

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</table>

Mathematics

MATH-902: College Algebra Support
Support course for college algebra. A review of the core prerequisite skills, competencies, and concepts needed for college algebra. This course is appropriate for students who are confident in their graphing and beginning algebra skills. Graded on a Pass/No Pass basis only. Not degree applicable.

Credit Type: Earned units for this course are NOT applicable to an Associate Degree.

Grading Restriction: Graded on a Credit/No Credit basis only.

Prerequisite: MATH 095 or eligibility for MATH 902 as determined through the Crafton Hills College assessment process.

Corequisite: MATH 102.

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Note: 10 week class from 06/03/19 to 08/07/19.
Note: This section is linked to MATH-102-03. This means students enrolling in MATH-902-03 (directly above) MUST ALSO ENROLL and REMAIN ENROLLED in MATH-102-03.

MATH-910: Introduction to Probability and Statistics Support
A review of the core prerequisite skills, competencies, and concepts needed in statistics. Intended for students who are concurrently enrolled in MATH 110, Introduction to Probability and Statistics. Topics include concepts from arithmetic, prealgebra, elementary and intermediate algebra, and descriptive statistics that are needed to understand the basics of college-level statistics. Concepts are taught through the context of descriptive data analysis. Additional emphasis is placed on solving and graphing linear equations and modeling with linear functions. Pass/No Pass only. Non-degree applicable.

Credit Type: Earned units for this course are NOT applicable to an Associate Degree.

Grading Restriction: Graded on a Credit/No Credit basis only.

Corequisite: MATH 110.

Prerequisite: MATH 085 or MATH 095 or eligibility for MATH 910 as determined through the
Crafton Hills College assessment process.

### MATH-995: Intermediate Algebra Support

A review of the core prerequisite skills, competencies, and concepts needed for intermediate algebra. Review topics include: computational skills developed in pre-algebra, the vocabulary of algebra, translations from English to algebraic expressions, evaluations of literal expressions and functions. Topics covered in more depth include solving and graphing linear equations and inequalities on one and two variables, solving and graphing systems of equations in two variables, factoring, algebraic operations on polynomial and rational expressions. Recommended for students with little or no recent knowledge of algebra. Graded on a Pass/No Pass basis only. Not degree applicable.

**Credit Type:** Earned units for this course are NOT applicable to an Associate Degree.

**Grading Restriction:** Graded on a Credit/No Credit basis only.

**Corequisite:** MATH 095.

**Formerly:** MATH-995L.

### MATH-085: Prestatistics

An intensive course which introduces core concepts from arithmetic, prealgebra, elementary and intermediate algebra, and descriptive statistics that prepares students for transfer-level statistics.

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**Note:** 8 week class from 06/17/19 to 08/07/19.

Note: This section is linked to MATH-110-04. This means students enrolling in MATH-910-04 (directly above) MUST ALSO ENROLL and REMAIN ENROLLED in MATH-110-04.

### MATH-995: Intermediate Algebra Support

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**Note:** 8 week class from 06/17/19 to 08/07/19.

Note: This section is linked to MATH-110-04. This means students enrolling in MATH-910-04 (directly above) MUST ALSO ENROLL and REMAIN ENROLLED in MATH-110-04.

### MATH-085: Prestatistics

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Note: 8 week class from 06/17/19 to 08/08/19.

Note: This section is linked to MATH-095-05. This means students enrolling in MATH-995-05 (directly above) MUST ALSO ENROLL and REMAIN ENROLLED in MATH-095-05.

### MATH-085: Prestatistics

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Note: 10 week class from 06/03/19 to 08/08/19.

Note: This section is linked to MATH-095-06. This means students enrolling in MATH-995-06 (directly above) MUST ALSO ENROLL and REMAIN ENROLLED in MATH-095-06.
Credit Type: Earned units for this course are applicable to an Associate Degree.

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Note: 8 week class from 06/17/19 to 08/08/19.

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Note: 10 week class from 06/03/19 to 08/07/19.

MATH-095: Intermediate Algebra
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. If purchasing a used book, a new software access code may need to be purchased at an additional expense. Ask the instructor for details.

Credit Type: Earned units for this course are applicable to an Associate Degree.
Prerequisite: MATH 090 or concurrent enrollment in MATH 995 or eligibility for MATH 095 as determined through the Crafton Hills College assessment process.

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Note: 5 week class from 06/03/19 to 07/03/19.

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Note: 8 week class from 06/17/19 to 08/08/19.
Note: This section is linked to MATH-995-05. This means students enrolling in MATH-095-05 (directly above) MUST ALSO ENROLL and REMAIN ENROLLED in MATH-995-05.

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Note: 8 week class from 06/17/19 to 08/08/19.
### 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. Students who purchase a used textbook may need to purchase software at an additional expense. Ask instructor for details.

**Credit Type:** Earned units for this course are applicable to an Associate Degree.

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

**Prerequisite:** MATH 095 or eligibility for MATH 102 as determined through the Crafton Hills College assessment process.
MATH-103: Plane Trigonometry
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.

**Credit Type:** Earned units for this course are applicable to an Associate Degree.
**Transferability:** Course credit transfers to CSU.
**Prerequisite:** MATH 095 or eligibility for MATH 103 as determined through the Crafton Hills College assessment process.

MATH-110: Introduction to Probability and Statistics
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. (C-ID MATH 110)

*PSYCH 120 and MATH 110 combined: maximum UC transferable credit, one course

**Credit Type:** Earned units for this course are applicable to an Associate Degree.
**Transferability:** Course credit transfers to both CSU and UC.
**Prerequisite:** MATH 085 or MATH 095 or eligibility for MATH 110 as determined through the Crafton Hills College assessment process.
**Departmental Recommendation:** Concurrent enrollment in MATH 117.
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Note: 8 week class from 06/17/19 to 08/08/19.

Note: This section is linked to MATH-910-04. This means students enrolling in MATH-110-04 (directly above) MUST ALSO ENROLL and REMAIN ENROLLED in MATH-910-04.

Note: The DE-LEC part of this class requires 7.2 hours per week of online instruction.
Note: 10 week class from 06/03/19 to 08/08/19.
Note: This is an online class with no on-campus meetings. This section requires proctored exams, and additional fees may be required for proctored exams. Participation in this class requires the student to have regular access to a computer, tablet, or similar device with internet connectivity and Canvas capability. On the first day of class students must log into Canvas 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.
MATH-160: Precalculus
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.

Credit Type: Earned units for this course are applicable to an Associate Degree.
Transferability: 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.

Ref#  Sec  Units  Days       Time       Type  Build  Rm.  Inst.
0326  01   4.00  -MTWR--  07:00A - 09:05A  LEC  CNTL  237  Pierce,L

Note: 8 week class from 06/17/19 to 08/08/19.

MATH-250: Single Variable Calculus I
Introduction to differential and integral calculus, including functions, limits, and continuity; techniques and applications of differentiation including derivatives of algebraic and transcendental functions, the chain rule, implicit differentiation, the Mean Value Theorem, curve sketching, extremum problems, and related rates; and an introduction to integration and The Fundamental Theorem of Calculus. If purchasing a used textbook, new software access may need to be purchased at an additional expense. Ask instructor for details.

Credit Type: Earned units for this course are applicable to an Associate Degree.
Transferability: Course credit transfers to both CSU and UC.
Prerequisite: MATH 160, eligibility for MATH 250 as determined through the Crafton Hills College assessment process, or Math 102 with a grade of A or B and MATH 103 with a grade of A or B.

Ref#  Sec  Units  Days       Time       Type  Build  Rm.  Inst.
0328  01   4.00  -MTWR--  08:30A - 10:35A  LEC  NRTH  102  Robertson,J

Note: 8 week class from 06/17/19 to 08/08/19.

Microbiology

MICRO-150: Medical Microbiology
Study of microbiology, emphasizing the biology of microorganisms including bacteria, fungi, protozoans, helminths, and viruses. Introduces fundamental principles of medical microbiology including microbial cultivation, metabolism, genetics, growth, and control. Principles of epidemiology, disease transmission and a survey of communicable diseases are also included.

Credit Type: Earned units for this course are applicable to an Associate Degree.
Transferability: Course credit transfers to CSU. Limited transfer to UC; contact a counselor for details.
Prerequisite: CHEM 101 or CHEM 150.
MICRO-247A: Special Problems in Microbiology
Independent projects for selected students with a special interest in microbiology, involving library research and/or laboratory projects.

Credit Type: Earned units for this course are applicable to an Associate Degree.
Transferability: Course credit transfers to CSU. Limited transfer to UC; credit determined after transfer to UC.
Prerequisite: MICRO 102 or MICRO 150.

MICRO-247B: Special Problems in Microbiology
Independent projects for selected students with a special interest in microbiology, involving library research and/or laboratory projects.

Credit Type: Earned units for this course are applicable to an Associate Degree.
Transferability: Course credit transfers to CSU. Limited transfer to UC; credit determined after transfer to UC.
Prerequisite: MICRO 102 or MICRO 150.
Note: Enrollment in this course is by petition only. Students interested in enrolling must first receive permission from the instructor before the petition can be granted. Please contact Professor Olivera at COlivera@sbccd.cc.ca.us to express your interest in enrollment and request a petition.

**MICRO-247C: Special Problems in Microbiology**
Independent projects for selected students with a special interest in microbiology, involving library research and/or laboratory projects.

**Credit Type:** Earned units for this course are applicable to an Associate Degree.

**Transferability:** Course credit transfers to CSU. Limited transfer to UC; credit determined after transfer to UC.

**Prerequisite:** MICRO 102 or MICRO 150.

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Note: 8 week class from 06/17/19 to 08/08/19.

Note: Enrollment in this course is by petition only. Students interested in enrolling must first receive permission from the instructor before the petition can be granted. Please contact Professor Olivera at COlivera@sbccd.cc.ca.us to express your interest in enrollment and request a petition.

**MICRO-247D: Special Problems in Microbiology**
Independent projects for selected students with a special interest in microbiology, involving library research and/or laboratory projects.

**Credit Type:** Earned units for this course are applicable to an Associate Degree.

**Transferability:** Course credit transfers to CSU. Limited transfer to UC; credit determined after transfer to UC.

**Prerequisite:** MICRO 102 or MICRO 150.

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Note: 8 week class from 06/17/19 to 08/08/19.

Note: Enrollment in this course is by petition only. Students interested in enrolling must first receive permission from the instructor before the petition can be granted. Please contact Professor Olivera at COlivera@sbccd.cc.ca.us to express your interest in enrollment and request a petition.

**MICRO-248A: Special Problems in Microbiology**
Independent projects for selected students with a special interest in microbiology, involving library research and/or laboratory projects.

**Credit Type:** Earned units for this course are applicable to an Associate Degree.

**Transferability:** Course credit transfers to CSU. Limited transfer to UC; credit determined after transfer to UC.

**Prerequisite:** MICRO 102 or MICRO 150.
Note: 8 week class from 06/17/19 to 08/08/19.
Note: Enrollment in this course is by petition only. Students interested in enrolling must first receive permission from the instructor before the petition can be granted. Please contact Professor Olivera at COlivera@sbccd.cc.ca.us to express your interest in enrollment and request a petition.

MICRO-248B: Special Problems in Microbiology
Independent projects for selected students with a special interest in microbiology, involving library research and/or laboratory projects.
**Credit Type:** Earned units for this course are applicable to an Associate Degree.
**Transferability:** Course credit transfers to CSU. Limited transfer to UC; credit determined after transfer to UC.
**Prerequisite:** MICRO 102 or MICRO 150.

MICRO-248C: Special Problems in Microbiology
Independent projects for selected students with a special interest in microbiology, involving library research and/or laboratory projects.
**Credit Type:** Earned units for this course are applicable to an Associate Degree.
**Transferability:** Course credit transfers to CSU. Limited transfer to UC; credit determined after transfer to UC.
**Prerequisite:** MICRO 102 or MICRO 150.

MICRO-248D: Special Problems in Microbiology
Independent projects for selected students with a special interest in microbiology, involving library research and/or laboratory projects.
Credit Type: Earned units for this course are applicable to an Associate Degree.
Transferability: Course credit transfers to CSU. Limited transfer to UC; credit determined after transfer to UC.
Prerequisite: MICRO 102 or MICRO 150.

Ref# | Sec | Units | Days   | Time            | Type | Build | Rm. | Inst.
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0345 | 95  | 3.00  | Arranged | 20.25 - hrs/wk | DIR  | CYN   | 204 | Olivera,C

Note: 8 week class from 06/17/19 to 08/08/19.
Note: Enrollment in this course is by petition only. Students interested in enrolling must first receive permission from the instructor before the petition can be granted. Please contact Professor Olivera at COlivera@sbccd.cc.ca.us to express your interest in enrollment and request a petition.

Music (CHC)

MUSIC-103: Appreciation of American Popular Music
History of American popular music with an emphasis on the music of the current and past century.
Credit Type: Earned units for this course are applicable to an Associate Degree.
Transferability: Course credit transfers to both CSU and UC.
Alternate Listing: This course is also offered as MUSIC-103H.

Ref# | Sec | Units | Days   | Time            | Type | Build | Rm. | Inst.
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0334 | 70  | 3.00  | Arranged | Online - Online | DE-LEC |        |      | McConnell,M

Note: The DE-LEC part of this class requires 5.4 hours per week of online instruction.
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 Canvas capability. On the first day of class students must log into Canvas 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.

Ref# | Sec | Units | Days   | Time            | Type | Build | Rm. | Inst.
--- | --- | ----- | ------ | --------------- | ---- | ----- | --- | ------
0336 | 71  | 3.00  | Arranged | Online - Online | DE-LEC |        |      | McConnell,M

Note: The DE-LEC part of this class requires 10.8 hours per week of online instruction.
Note: 5 week class from 07/08/19 to 08/08/19.
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 Canvas capability. On the first day of class students must log into Canvas to access this course and receive initial information from the instructor (typically located on the announcement page of the course). Students with no previous experience in online/hybrid courses are encouraged to enroll in CHC 062, Introduction to Online Learning.
### MUSIC-120: Appreciation of Musical Literature

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

**Credit Type:** Earned units for this course are applicable to an Associate Degree.

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

**Alternate Listing:** This course is also offered as MUSIC-120H.

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Note: The DE-LEC part of this class requires 10.8 hours per week of online instruction.
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 Canvas capability. On the first day of class students must log into Canvas 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.
Philosophy

PHIL-101: Introduction to Philosophy
Course is an introduction to the major ideas, methods and problems in philosophy, with attention directed to classical, modern and contemporary philosophy as a basis for discussing issues related to knowledge, reality, ethics, religion and political theory. 
Credit Type: Earned units for this course are applicable to an Associate Degree.
Transferability: Course credit transfers to both CSU and UC.
Prerequisite: ENGL-010 Preparation for College English or eligibility for ENGL 101 as determined by the Crafton Hills College assessment process.
Alternate Listing: This course is also offered as PHIL-101H.

Ref#  Sec  Units  Days  Time      Type  Build  Rm.  Inst.
0344  70   3.00  Arranged  Online - Online  DE-LEC  Cervantez,J

Note: The DE-LEC part of this class requires 10.8 hours per week of online instruction.
Note: 5 week class from 06/03/19 to 07/05/19.
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 Canvas capability. On the first day of class students must log into Canvas to access this course and receive initial information from the instructor (typically located on the announcement page of the course). Students with no previous experience in online/hybrid courses are encouraged to enroll in CHC 062, Introduction to Online Learning.

PHIL-103: Introduction to Logic: Argument and Evidence
Introduction to techniques of critical thought with an emphasis on deductive logic, including principles of valid reasoning, inductive reasoning, argument analysis and fallacies. 
Credit Type: Earned units for this course are applicable to an Associate Degree.
Transferability: Course credit transfers to both CSU and UC.
Departmental Recommendation: Successful completion of ENGL 101 or ENGL 101H.

Ref#  Sec  Units  Days  Time      Type  Build  Rm.  Inst.
0346  71   3.00  Arranged  Online - Online  DE-LEC  Cervantez,J

Note: The DE-LEC part of this class requires 10.8 hours per week of online instruction.
Note: 5 week class from 07/08/19 to 08/08/19.
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 Canvas capability. On the first day of class students must log into Canvas 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.
Note: The DE-LEC part of this class requires 10.8 hours per week of online instruction.
Note: 5 week class from 07/08/19 to 08/08/19.
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 Canvas capability. On the first day of class students must log into Canvas 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.

Kinesiology (Fitness, CHC)

**KIN/F-970A: Personal Fitness Assessment I**
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.

**Credit Type:** Earned units for this course are NOT applicable to an Associate Degree.

**Grading Restriction:** Graded on a Credit/No Credit basis only.

**Formerly:** KIN-970A.

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Note: 8 week class from 06/17/19 to 08/08/19.

**KIN/F-970B: Personal Fitness Assessment II**
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.

**Credit Type:** Earned units for this course are NOT applicable to an Associate Degree.

**Grading Restriction:** Graded on a Credit/No Credit basis only.

**Prerequisite:** KIN-970A.

**Formerly:** KIN-970B.

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Note: 8 week class from 06/17/19 to 08/08/19.

**KIN/F-970C: Personal Fitness Assessment III**
Fitness assessment designed for students who have already completed the fitness assessment twice
and are interested in intermediate/advanced methods to improve their fitness level and re-evaluation of cardiorespiratory fitness, muscular strength, muscular endurance, flexibility, body composition, blood pressure, health history, and dietary intake.

**Credit Type:** Earned units for this course are NOT applicable to an Associate Degree.

**Grading Restriction:** Graded on a Credit/No Credit basis only.

**Prerequisite:** KIN 970B Personal Fitness Assessment II.

**Formerly:** KIN-970C.

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**KIN/F-970D: Personal Fitness Assessment IV**

Fitness assessment designed for students who have already completed the fitness assessment three times and are interested in re-evaluation of cardiorespiratory fitness, muscular strength, muscular endurance, flexibility, body composition, blood pressure, health history, and dietary intake.

**Credit Type:** Earned units for this course are NOT applicable to an Associate Degree.

**Grading Restriction:** Graded on a Credit/No Credit basis only.

**Prerequisite:** KIN 970C Personal Fitness Assessment III.

**Formerly:** KIN-970D.

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**KIN/F-106A: Total Body Fitness I**

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.

**Credit Type:** Earned units for this course are applicable to an Associate Degree.

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

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Note: 8 week class from 06/17/19 to 08/08/19.

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Note: 8 week class from 06/17/19 to 08/07/19.

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Note: 8 week class from 06/18/19 to 08/08/19.
KIN/F-106B: Total Body Fitness II
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.
**Credit Type:** Earned units for this course are applicable to an Associate Degree.
**Transferability:** Course credit transfers to both CSU and UC.

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Note: 8 week class from 06/17/19 to 08/07/19.

KIN/F-106C: Total Body Fitness III
Training designed for intermediate/advanced-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.
**Credit Type:** Earned units for this course are applicable to an Associate Degree.
**Transferability:** Course credit transfers to both CSU and UC.

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Note: 8 week class from 06/18/19 to 08/08/19.

KIN/F-106D: Total Body Fitness IV
Training designed for advanced-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.
**Credit Type:** Earned units for this course are applicable to an Associate Degree.
**Transferability:** Course credit transfers to both CSU and UC.

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Note: 8 week class from 06/17/19 to 08/07/19.

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Note: 8 week class from 06/18/19 to 08/08/19.
### KIN/F-108A: Resistance and Weight Training I

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

**Credit Type:** Earned units for this course are applicable to an Associate Degree.

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

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Note: 8 week class from 06/17/19 to 08/07/19.

### KIN/F-108B: Resistance & Weight Training II

Resistance training for intermediate students with minimal knowledge and skills of training. Development of a complete, individualized program utilizing primarily weight training machines and own body resistance, and focusing on improved muscle endurance and strength.

**Credit Type:** Earned units for this course are applicable to an Associate Degree.

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

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Note: 8 week class from 06/18/19 to 08/08/19.

### KIN/F-108C: Resistance and Weight Training III

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.

**Credit Type:** Earned units for this course are applicable to an Associate Degree.

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

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Note: 8 week class from 06/18/19 to 08/08/19.
KIN/F-108D: Resistance & Weight Training IV
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.
**Credit Type:** Earned units for this course are applicable to an Associate Degree.
**Transferability:** Course credit transfers to both CSU and UC.

KIN/F-168A: Yoga I
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.
**Credit Type:** Earned units for this course are applicable to an Associate Degree.
**Transferability:** Course credit transfers to both CSU and UC.

Note: All Aerial yoga class using yoga hammocks.
KIN/F-168B: Yoga II
Yoga training suitable for individuals of all ages and fitness levels. Principles of yoga with an emphasis on the practice of intermediate yoga poses.

**Credit Type:** Earned units for this course are applicable to an Associate Degree.

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

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Note: 8 week class from 06/17/19 to 08/07/19.

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Note: 8 week class from 06/18/19 to 08/08/19.

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Note: 8 week class from 06/18/19 to 08/08/19.
Note: All Aerial yoga class using yoga hammocks.

KIN/F-168C: Yoga III
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.

**Credit Type:** Earned units for this course are applicable to an Associate Degree.

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

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Note: 8 week class from 06/17/19 to 08/07/19.

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Note: 8 week class from 06/18/19 to 08/08/19.
Note: 8 week class from 06/18/19 to 08/08/19.  
Note: All Aerial yoga class using yoga hammocks.

**KIN/F-168D: Yoga IV**

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.  
**Credit Type:** Earned units for this course are applicable to an Associate Degree.  
**Transferability:** Course credit transfers to both CSU and UC.

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Note: 8 week class from 06/18/19 to 08/08/19.

**KIN/F-173A: Water Aerobics and Deep Water Exercise I**

Instruction in basic fitness concepts and water exercise. Development of strength, flexibility, balance, coordination and cardiovascular fitness within a water aerobic format.  
**Credit Type:** Earned units for this course are applicable to an Associate Degree.  
**Transferability:** Course credit transfers to both CSU and UC.

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Note: 8 week class from 06/18/19 to 08/08/19.  
Note: All Aerial yoga class using yoga hammocks.

**KIN/F-173B: Water Aerobics and Deep Water Exercise II**

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Note: 8 week class from 06/18/19 to 08/08/19.
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.

**Credit Type:** Earned units for this course are applicable to an Associate Degree.

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

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Note: 8 week class from 06/18/19 to 08/08/19.

**KIN/F-173C: Water Aerobics and Deep Water Exercise III**

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.

**Credit Type:** Earned units for this course are applicable to an Associate Degree.

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

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Note: 8 week class from 06/18/19 to 08/08/19.

**KIN/F-173D: Water Aerobics and Deep Water Exercise IV**

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.

**Credit Type:** Earned units for this course are applicable to an Associate Degree.

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

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Note: 8 week class from 06/18/19 to 08/08/19.

**Kinesiology (Sports/Skilled)**

**KIN/S-116A: Soccer I**

Instruction in the beginning level skills, techniques, strategies, and rules of the sport of soccer.

**Credit Type:** Earned units for this course are applicable to an Associate Degree.

**Transferability:** Course credit transfers to both CSU and UC.
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Note: 8 week class from 06/17/19 to 08/07/19.

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

**Credit Type:** Earned units for this course are applicable to an Associate Degree.

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

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Note: 8 week class from 06/17/19 to 08/07/19.

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

**Credit Type:** Earned units for this course are applicable to an Associate Degree.

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

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Note: 8 week class from 06/17/19 to 08/07/19.

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

**Credit Type:** Earned units for this course are applicable to an Associate Degree.

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

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Note: 8 week class from 06/17/19 to 08/07/19.

**KIN/S-164A: Swimming I**
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.
Credit Type: Earned units for this course are applicable to an Associate Degree.
Transferability: Course credit transfers to both CSU and UC.

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Note: 8 week class from 06/17/19 to 08/07/19.

KIN/S-164B: Swimming II
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.
Credit Type: Earned units for this course are applicable to an Associate Degree.
Transferability: Course credit transfers to both CSU and UC.

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Note: 8 week class from 06/17/19 to 08/07/19.

KIN/S-164C: Swimming III
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.
Credit Type: Earned units for this course are applicable to an Associate Degree.
Transferability: Course credit transfers to both CSU and UC.

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Note: 8 week class from 06/17/19 to 08/07/19.

KIN/S-164D: Swimming IV
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.
Credit Type: Earned units for this course are applicable to an Associate Degree.
Transferability: Course credit transfers to both CSU and UC.
Political Science

**POLIT-100: American Politics**
Introductory course in the fundamentals of American government and politics.

**Credit Type:** Earned units for this course are applicable to an Associate Degree.

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

**Departmental Recommendation:** Successful completion of ENGL 101 or ENGL 101H.

**Alternate Listing:** This course is also offered as POLIT-100H.

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Ref# 0354 70 3.00 Arranged Online - Online DE-LEC Cranon-Charles,A

Note: The DE-LEC part of this class requires 10.8 hours per week of online instruction.

Note: 5 week class from 06/03/19 to 07/05/19.

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 Canvas capability. On the first day of class students must log into Canvas 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.

Ref# 0355 71 3.00 Arranged Online - Online DE-LEC Cranon-Charles,A

Note: The DE-LEC part of this class requires 10.8 hours per week of online instruction.

Note: 5 week class from 07/08/19 to 08/08/19.

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 Canvas capability.
Canvas capability. On the first day of class students must log into Canvas 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.

**POLIT-100H: American Politics-Honors**
Introductory course in the fundamentals of American government and politics. This course includes content and experiences appropriate for students wishing to earn honors credit.

**Credit Type:** Earned units for this course are applicable to an Associate Degree.

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

**Prerequisite:** Acceptance into the College Honors Institute.

**Alternate Listing:** This course is also offered as POLIT-100.

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Note: 5 week class from 06/03/19 to 07/03/19.

**Psychology**

**PSYCH-100: General Psychology**
Survey of the nature and scope of psychology including the topics of neurophysiology, sensation, perception, learning, memory, cognition, intelligence, language, emotion, motivation, personality, psychopathology, treatment and social psychology.

**Credit Type:** Earned units for this course are applicable to an Associate Degree.

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

**Departmental Recommendations:** Eligibility for ENGL 101. Eligibility for MATH 090.

**Alternate Listing:** This course is also offered as PSYCH-100H.

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Note: 5 week class from 07/08/19 to 08/08/19.

<table>
<thead>
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<th>Sec</th>
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Note: 5 week class from 06/03/19 to 07/03/19.

**PSYCH-102: Personal and Social Adjustment**
Survey of contemporary adjustment issues including stress, health, coping, and behavior patterns.  
**Credit Type:** Earned units for this course are applicable to an Associate Degree.  
**Transferability:** 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.

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</table>

Note: 5 week class from 06/03/19 to 07/03/19.

**PSYCH-111: Developmental Psychology: Lifespan**  
Lifespan development from conception through aging.  
**Credit Type:** Earned units for this course are applicable to an Associate Degree.  
**Transferability:** Course credit transfers to both CSU and UC.  
**Prerequisite:** PSYCH 100 or PSYCH 100H.

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Note: 5 week class from 06/03/19 to 07/03/19.

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Note: 5 week class from 07/08/19 to 08/08/19.

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</table>

Note: The DE-LEC part of this class requires 5.4 hours per week of online instruction.  
Note: 10 week class from 06/03/19 to 08/08/19.  
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 Canvas capability. On the first day of class students must log into Canvas 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.

**PSYCH-120: Stats for the Social and Behavioral Sci**
An introduction to statistics for social sciences, health care and education. *PSYCH 120 and MATH 110 combined: maximum UC transferable credit, one course

**Credit Type:** Earned units for this course are applicable to an Associate Degree.

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

**Prerequisite:** MATH 095 or eligibility for PSYCH 120 as determined through the Crafton Hills College assessment process.

---

### Religious Studies

**RELIG-100: Introduction to Religious Studies**

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.

**Credit Type:** Earned units for this course are applicable to an Associate Degree.

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

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

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

---

### RELIG-101: Introduction to World Religions

Survey of the major world religions with particular attention to Hindu, Daoist, Confucian, Judaic, Christian, Buddhist, and Islamic traditions.

**Credit Type:** Earned units for this course are applicable to an Associate Degree.

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

**Prerequisite:** ENGL 010 or eligibility for ENGL 101 as determined through the Crafton Hills College assessment process.
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Note: The DE-LEC part of this class requires 10.8 hours per week of online instruction.
Note: 5 week class from 07/08/19 to 08/08/19.
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 Canvas capability. On the first day of class students must log into Canvas 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.

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</table>

Note: 5 week class from 06/04/19 to 07/03/19.

**RELIG-101H: Introduction to World Religions-Honors**
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.

**Credit Type:** Earned units for this course are applicable to an Associate Degree.

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

**Prerequisite:** Acceptance into the College Honors Institute.

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Note: 5 week class from 06/04/19 to 07/03/19.

**Respiratory Care**

**RESP-050: Introduction to Respiratory Care**
Introduction and orientation to the field of respiratory care.

**Credit Type:** Earned units for this course are applicable to an Associate Degree.

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<td>Rojas,D</td>
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Serrano,T

Note: 8 week class from 06/18/19 to 08/08/19.
RESP-051: Cardiopulmonary Resuscitation: Basic Life Support Healthcare Provider
Instruction in basic life support.
**Credit Type:** Earned units for this course are applicable to an Associate Degree.
**Prerequisite:** Acceptance into Respiratory Care Program.

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<td>-MTWR-</td>
<td>10:00A - 11:50A</td>
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<td>01:00P - 04:50P</td>
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<td>PSAH</td>
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<td>Bell,R Morris,N Rojas,D Serrano,T Sheahan,M</td>
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Note: 1 week class from 08/12/19 to 08/15/19.

RESP-209A: Clinical Refresher: Advanced Clinical Application I
Continued clinical application of advanced-level skills learned in the laboratory and theory classes.
**Credit Type:** Earned units for this course are applicable to an Associate Degree.
**Grading Restriction:** Graded on a Credit/No Credit basis only.
**Prerequisite:** RESP 233.

<table>
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<td>OFFC</td>
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<td>Rojas,D</td>
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Note: 10 week class from 05/31/19 to 07/28/19.
Note: This section meets at Clinic in Off-Campus Clinic. (See Building and Location section of the printed schedule for the address.)

RESP-230: Advanced Theory of Respiratory Care I
Advanced assessment, diagnosis, and treatment of diseases and conditions as they relate to the practice of respiratory care.
**Credit Type:** Earned units for this course are applicable to an Associate Degree.
**Prerequisite:** Acceptance into Respiratory Care Program.
**Corequisites:** RESP 231, RESP 232, RESP 233 Take RESP-231, RESP-232 and RESP-233.

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<td>PSAH</td>
<td>113</td>
<td>Rojas,D Seaton,T</td>
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Note: 9 week class from 06/04/19 to 08/01/19.

RESP-231: Advanced Respiratory Care Skills Laboratory I
Advanced assessment, diagnosis, and treatment of diseases and conditions as they relate to the practice of respiratory care in the simulated patient-care environment.
**Credit Type:** Earned units for this course are applicable to an Associate Degree.
**Prerequisite:** Acceptance into Respiratory Care Program.

RESP-232: Physiologic Basis of Respiratory Disease I
Applied cardiopulmonary, renal, and neuropathophysiology related to the diagnosis and treatment of diseases the therapist will encounter in the clinical setting.

Credit Type: Earned units for this course are applicable to an Associate Degree.

Prerequisite: Acceptance into Respiratory Care Program.


RESP-233: Advanced Respiratory Clinical Application I
Clinical application of advanced-level skills learned in the laboratory and theory classes.

Credit Type: Earned units for this course are applicable to an Associate Degree.

Prerequisite: Acceptance into Respiratory Care Program.


Sociology

SOC-100: Introduction to Sociology
Survey of the basic concepts and theories of society and culture, social organizations, social stratification, social change, and social policy. (C-ID SOCI 110)

Credit Type: Earned units for this course are applicable to an Associate Degree.

Transferability: Course credit transfers to both CSU and UC.

Alternate Listing: This course is also offered as SOC-100H.
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Note: 5 week class from 06/03/19 to 07/03/19.

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Note: 5 week class from 07/08/19 to 08/08/19.

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Note: 6 week class from 06/10/19 to 07/18/19.
Note: This section meets at Redlands High School in Redlands. (See Building and Location section of the printed schedule for the address.)

<table>
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<tr>
<th>Ref#</th>
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<td>Simmers,J</td>
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Note: The DE-LEC part of this class requires 10.8 hours per week of online instruction.
Note: 5 week class from 07/08/19 to 08/08/19.
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 Canvas capability. On the first day of class students must log into Canvas 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.

**SOC-100H: Introduction to Sociology-Honors**
Survey of the basic concepts and theories of society and culture, social organizations, social stratification, social change, and social policy. This course includes content and experiences appropriate for students wishing to earn honors credit. (C-ID SOCI 110)

**Credit Type:** Earned units for this course are applicable to an Associate Degree.

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

**Prerequisite:** Acceptance into the College Honors Institute.

**Alternate Listing:** This course is also offered as SOC-100.

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<th>Ref#</th>
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<td>LEC</td>
<td>CNTL</td>
<td>245</td>
<td>Gordon,L</td>
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</table>

Note: 5 week class from 06/03/19 to 07/03/19.
**SOC-105: Social Problems**
Sociological study of contemporary social problems in the United States, such as drug and alcohol use/abuse, violence, racial and ethnic tensions, poverty, ageism, sexual orientation, unemployment, education, population and urbanization, environment, technology, and war.

**Credit Type:** Earned units for this course are applicable to an Associate Degree.

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

**Departmental Recommendations:** Successful completion of SOC 100 or SOC 100H. Eligibility for ENGL 101. Eligibility for MATH 090.

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**SOC-130: Marriage, Family and Intimate Relationships**
A sociological survey of the institution of marriage and the family. (C-ID SOCI 130)

**Credit Type:** Earned units for this course are applicable to an Associate Degree.

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

**Departmental Recommendations:** Successful completion of SOC- 100 or SOC-100H. Eligibility for ENGL 101.

---

**SPAN-101: College Spanish I**
Introductory course beginning the development of the student's listening, speaking, reading and
writing skills in Spanish. NOTE: This course corresponds to the first year of high school Spanish.

**Credit Type:** Earned units for this course are applicable to an Associate Degree.

**Transferability:** Course credit limited transfer CSU & UC. Contact a counselor for details.

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<td>Garcia,D</td>
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Note: 10 week class from 06/03/19 to 08/08/19.

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

---

**Theatre Arts**

**THART-100: Introduction to Theatre**

Course designed to develop an appreciation of the theatre for majors and non-majors. Introduction to the basic elements of play production including playwriting, producing, acting, directing, set design, costume design and lighting design.

**Credit Type:** Earned units for this course are applicable to an Associate Degree.

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

**Alternate Listing:** This course is also offered as THART-100H.

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<tr>
<th>Ref#</th>
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Note: 6 week class from 06/10/19 to 07/18/19.

Note: This section meets at Redlands High School in Redlands. (See Building and Location section of the printed schedule for the address.)

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**THART-124X2: Beginning Performance Workshop**

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

**Credit Type:** Earned units for this course are applicable to an Associate Degree.

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

**Repeatability:** This course may be taken 2 times.

**Prerequisite:** Audition.

**Corequisite:** THART 134X4.
THART-134X4: Technical Theatre Workshop
Supervised participation in technical theatre roles associated with the preparation, rehearsal and production of plays, musicals and dance performances.
Credit Type: Earned units for this course are applicable to an Associate Degree.
Transferability: Course credit transfers to both CSU and UC.
Repeatability: This course may be taken 4 times.

Ref#  Sec  Units  Days  Time  Type  Build  Rm.  Inst.
0412  01  1.00  Arranged  1.75 - hrs/wk  LEC  PAC  101  Staff

Note: 5 week class from 06/03/19 to 07/03/19.

THART-140X2: Intermediate Performance Workshp
Intermediate preparation, rehearsal, production and performance of plays, musicals, and dance performances.
Credit Type: Earned units for this course are applicable to an Associate Degree.
Transferability: Course credit transfers to both CSU and UC.
Repeatability: This course may be taken 2 times.
Prerequisite: THART 124X2.

Ref#  Sec  Units  Days  Time  Type  Build  Rm.  Inst.
041  01  3.00  Arranged  3.5 - hrs/wk  LEC  PAC  316  Gunter,M

Note: 5 week class from 06/03/19 to 07/03/19.

THART-145: Advanced Theatre Practicum I
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.
Credit Type: Earned units for this course are applicable to an Associate Degree.
Transferability: Course credit transfers to both CSU and UC.
Departmental Recommendation: Successful completion of THART 140X2 or THART 134X4.
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Note: 5 week class from 06/03/19 to 07/03/19.

**THART-245: Advanced Theatre Practicum II**

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.

**Credit Type:** Earned units for this course are applicable to an Associate Degree.

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

**Prerequisite:** THART 145.

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Note: 5 week class from 06/03/19 to 07/03/19.