## Accounting

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<tbody>
<tr>
<td>ACCT 100</td>
<td>Accounting</td>
<td>3 Units</td>
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### Art

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<tr>
<td>ART 100</td>
<td>Art History and Appreciation - Fundamentals</td>
<td>3 Units</td>
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<tr>
<td>ART 101</td>
<td>Art History and Appreciation-Ancient</td>
<td>3 Units</td>
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<td>ART 103</td>
<td>Art History and Appreciation - Renaissance to Rococo</td>
<td>3 Units</td>
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<td>ART 105</td>
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<td>3 Units</td>
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### Administration of Justice

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<td>AJ 102</td>
<td>Concepts of Criminal Law</td>
<td>3 Units</td>
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**Schedule of Credit Classes - Winter 2014**

**Note:** Course Dates indicate Beginning and Ending Dates

**M=Monday, T=Tuesday, W=Wednesday, R=Thursday, F=Friday, S=Saturday**

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<th>CRN</th>
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<td>25346</td>
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<td></td>
<td>25246</td>
<td>Johnson, S.</td>
<td>HRS-ARRG</td>
<td>01/06-02/13</td>
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</table>

**Strongly recommended:** ENGL 099 or READ 099 if required by English placement exam or if required by English level.

**The philosophy and historical development of law, including the provisions of the U.S. Constitution. The concepts and definitions necessary to relate court decisions to statutes including those specific to correctional institutions.** 54 lecture hours. CSU UC

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<td>25384</td>
<td>Provencher, H.</td>
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<td>06:00 PM-08:50 PM</td>
<td>TE 153</td>
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</table>

**Strongly recommended:** ENGL 099 or READ 099 if required by English placement exam or if required by English level.

**The techniques in counseling and interviewing available to practitioners in Corrections. The student will learn the use of appropriate techniques and theories in confidence building which may be used by the correctional employee in client interviews and counseling.** 54 lecture hours. CSU

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</table>

**Strongly recommended:** ENGL 099 or READ 099 if required by English placement exam or if required by English level.

**A study of the basic art principles and elements and how they are applied to art forms from prehistoric times to the present.** 54 lecture hours. CSU UC

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### Art

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**Strongly recommended:** ENGL 099 or READ 099 if required by English placement exam or if required by English level.

**This course covers the history of western art from the early Renaissance through the Rococo period. This course is concerned with both the history of art and the fundamentals of the appreciation of art.** 54 lecture hours. CSU UC

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<th>CRN</th>
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**Strongly recommended:** ENGL 099 or READ 099 if required by English placement exam or if required by English level.

**This course covers the history of western art from the late 19th century to mid 20th century. The course is concerned with the fundamentals of art appreciation as well as the history of our times.** 54 lecture hours. CSU UC

**Strongly recommended:** ENGL 099 or READ 099 if required by English placement exam or if required by English level.

**A basic course in drawing and composition to develop a student's ability to perceive and define shape, mass, contour, volume, space and light, using a variety of media and subject matter.** This course is required of all art majors. 36 lecture hours, 72 lab hours. CSU UC

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**Register online at citruscollege.edu/ar** WingSpan Registration Help Desk (626) 914-8833 Admissions and Records office (626)
### Schedule of Credit Classes - Winter 2014

**12/14/2013**

**Note:** Course Dates indicate Beginning and Ending Dates

#### ART 150  Computer Art Basics  3 Units
This introductory computer art course is designed for people interested in learning the basics of computer art. Adobe Illustrator and Photoshop are utilized to create computer graphics and Microsoft Word is used for word processing. PC computers with the Windows operating system, printers, scanners, and digital cameras are also explored in this course. Material fee. 36 lecture hours, 72 lab hours. CSU

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<td>01/06-02/13</td>
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<td></td>
<td></td>
<td>09:30 AM-12:20 PM</td>
<td>AC 101</td>
<td>01/06-02/13</td>
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</table>

#### AUTO 101  Fundamentals of Automotive Service, Diagnosis and Repair  5 Units
Prerequisite: ENGL 098 if required by English placement exam or if required by English level. Intended for automotive majors, this class serves as the pre-requisite for all automotive certificate and/or degree-applicable courses. Automobiles and light trucks will be explored from the point of view of the service technician. Scientific principles and operation of essential automotive technologies are central to the course goal of preparing students for entry into the automotive core curriculum. Appropriate lab activities in automotive inspection, service and repair are included. 72 lecture hours, 54 lab hours. CSU

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<tbody>
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<td>25097</td>
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<td>11:00 AM-01:15 PM</td>
<td>AA 101</td>
<td>01/06-02/13</td>
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#### AUTO 166  Automotive Electrical & Electronic Systems II  3 Units
Prerequisite: AUTO 156.

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<td>25099</td>
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<td>TD 137</td>
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</table>

#### AUTO 167  Automotive HVAC Service, Diagnosis & Repair  3 Units
Prerequisite: AUTO 156.

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#### AUTO 230A  Automotive Service and Repair Work Experience A  1 Units

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#### BIOI 104  Biology: Contemporary Topics  3 Units
Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English level.

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<tbody>
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<td>25356</td>
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<td>25354</td>
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<td>25116</td>
<td>Goedhart, C.</td>
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<td>HH 101</td>
<td>01/06-02/13</td>
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#### BIOL 105  General Biology  4 Units
Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English level. Also, MATH 030, and high school biology or chemistry.

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#### Distances Education Class
After registering go to www.citruscollege.edu/de
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**DISTANCE EDUCATION HYBRID CLASS**
After registering go to www.citruscollege.edu/de

**Chemistry**

**CHEM 103 College Chemistry**
5 Units
Prerequisite: MATH 030.
The first semester of a year program includes chemistry of inorganic compounds; covers topics of nomenclature, stoichiometry, bonding, chemical equations, gas laws, solutions, acids and bases, nuclear processes and chemical equilibrium. Required for students transferring to four-year college nursing programs and students majoring in physical therapy, occupational therapy, and home economics. 72 lecture hours, 72 lab hours. CSU UC

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<td>02:15 PM-05:05 PM</td>
<td>PS 222</td>
<td>01/06/2013</td>
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**Child Development**

**CHLD 120 Literacy for Children**
3 Units
Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English level.
This course will explore teaching strategies, interactions and environments necessary for nurturing early language development and literacy skills in the preschool and early school-age child. Students will analyze developmentally appropriate curriculum that supports children's emerging listening, speaking, reading and writing skills. Students will survey children's picture books and learn techniques to enhance literacy development across the curriculum including storytelling, puppetry and other relevant language arts experiences for children 0-8 years. 54 lecture hours.

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<tr>
<td>25274</td>
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<td>01:00 PM-03:50 PM</td>
<td>LB 107</td>
<td>01/06/2013</td>
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**CHLD 130 Infant Development and Group Care**
3 Units
Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English level.
This course focuses on the development of the infant and on the dynamics of infant group care. Methods of providing care designed for physical, emotional, social, and intellectual development will be stressed. The health and safety requirements of the state and county are included. 54 lecture hours, 54 lab hours. CSU UC

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<td>25385</td>
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<td>LB 107</td>
<td>01/06/2013</td>
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**CHLD 150 Multi-Culture Anti-Bias Classrooms**
3 Units
Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English level.
This course will involve self-reflection of one's own understanding of educational principles as they integrate anti-bias goals to better inform teaching practices and program development. Students will examine the development of social identities in diverse societies including theoretical and practical implications affecting young children, families, programs, teaching and education/schooling. Included is an examination of culturally relevant and linguistically appropriate approaches that support all children in becoming competent members of a diverse society. 54 lecture hours. CSU

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<tbody>
<tr>
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<td>TWR</td>
<td>01:00 PM-03:50 PM</td>
<td>LB 103</td>
<td>01/06/2013</td>
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**CHLD 191 Administration of Early Childhood Education Programs I**
Prerequisite: PSY 206 or CHLD 110, and CHLD 112, CHLD 114 and CHLD 116. Student may substitute other courses but must have 12+ units of child development.
Introduction to the policies and procedures specific to state funded programs. Includes Title V regulations, evaluation of programs utilizing the state mandated Program Quality Review, development of proposals and grant requests for state or other funding, process of promulgating regulations, affecting proposed regulations, staff development and training, development of program policies. 54 lecture hours.

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**BUS 130 Introduction to Business**
3 Units
This is a foundation course in business administration. It is recommended for all students planning further study in this field. Lecture, discussion, and problems involve such topics as business finance, personnel, production, distribution, government regulations, and managerial controls. 54 lecture hours.

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<tr>
<td>25037</td>
<td>Richard, L.</td>
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<td>LB 207</td>
<td>01/06/2013</td>
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</table>

**BUS 146 Personal Finance**
3 Units
Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English level.
This course is an integrative approach to personal finance focusing on practical financial decision making as well as the social, psychological, and physiological contexts in which those decisions are made. Students will examine their relationships with money, set personal goals, and develop a plan to meet those goals. Topics include consumerism, debt, disability, death and taxes. 54 lecture hours.

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<td>25038</td>
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**BUS 160 Business Law and the Legal Environment I**
3 Units
A study of law, with an emphasis on the law's relationship to business. Topics covered include the legal environment of business, court procedures, jurisdiction, torts and crimes in the business environment, intellectual property, principles of contract law, commercial transactions, and ethical business practices. 54 lecture hours. CSU UC

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<tr>
<td>25364</td>
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### Communications

**COMM 100  Mass Media and Society**  3 Units  
Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English level.  
A survey and evaluation of mass media in economic, historical, political, psychological, and sociological terms.  
Focuses on helping the media consumer understand the power and significance of mass communications: books, newspapers, magazines, radio, television, motion pictures, the Internet, public relations, and advertising.  
Discussing the rights and responsibilities and the interrelatedness of media in a diverse global society.  
Required for all communications and journalism majors; also a general interest course.  
54 lecture hours. CSU UC  
25316  Baca, R.  
TWR 01:00 PM-03:50 PM  
LS 120  
01/06-02/13

### Computer Information Systems

**CIS 130  Microcomputer Applications I**  4 Units  
Strongly recommended: CIS 099 or CIS 107. Also, ENGL 099 or READ 099 if required by English placement or if required by English level.  
Students will use the personal computer to learn an office suite, such as Microsoft Office, that includes word processing, electronic spreadsheets, database management systems, multimedia/presentation graphics, and personal information management.  
Prepares students to take the Microsoft Office User Specialist certification exams.  
72 lecture hours. CSU UC  
25270  Solis, R.  
HRS-ARRG  
01/06-02/13

### Counseling

**COUN 145  Career/Life Planning**  3 Units  
Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English level.  
Through personal exploration, occupational research and the study of contemporary work issues, students will increase their understanding of the relationship of the individual to the economic community and develop individual career plans.  
54 lecture hours. CSU  
25370  Rivadeneyra, J.  MTWR 10:30 AM-12:40 PM  
SS 166  
01/06-02/13

### Dance

**DANC 102  History of Dance**  3 Units  
A survey of dance from tribal, ethnic, and folk dance forms including Renaissance Europe, Louis XIV, the Golden Age of Ballet, and the Diaghilev Era, concluding with 20th Century dance including jazz, African-American influences, neo-classic ballet, modern, hip-hop and world dance.  
54 lecture hours. CSU UC  
25423  Allgaier, J.  TWR 06:00 PM-08:50 PM  
VT 319  
01/06-02/13

### Cosmetology

**COS 199C  Esthetician Salon Success**  3 Units  
Prerequisite:  READ 099 if required by reading placement exam or if required by reading level.  
This is the final phase in the completion of the esthetician program.  
This course provides students with basic salon management skills, sales, and client retention, as well as information required to pass the licensed exams.  
Students will focus on personal satisfaction and skilled habits to ensure success in the industry.  
36 lecture hours, 79 lab hours.  
25299  Everett, A.  
MTWR 07:30 AM-09:40 AM  
P1 101  
01/06-02/13

### Dental Assisting

**DENT 125  Dental Practice Management**  2 Units  
Prerequisite: DENT 100 and DENT 101 or DENT 102.  
This course is designed to provide instruction in the application of skills and responsibilities of a business assistant in a dental practice.  
Fundamentals in basic bookkeeping procedures, communication skills, appointment scheduling, dental insurance, records management, employment preparation, and banking/financial procedures.  
Instruction includes integration of material through lecture, practical experience and the use of computers.  
36 lecture hours, 9 lab hours.  
25283  Arredondo, D.  TR 08:30 AM-12:45 PM  
PC 223  
01/14-02/06

### Computer Science

**CIS 150  Web Development with Dreamweaver**  3 Units  
Strongly recommended: CIS 105. Also, ENGL 099 or READ 099 if required by English placement or if required by English level.  
This course is part of a series exploring the Macromedia Suite (Dreamweaver, Flash, Fireworks).  
This course introduces the basic features of Dreamweaver.  
Topics include: the Dreamweaver interface, the CSS, HTML integration, images, tables, forms, and layers.  
54 lecture hours.  
25464  Flores, R.  HRS-ARRG  
01/06-02/13

### Cosmetology

**COS 151  Salon Success**  4 Units  
Prerequisite: COS 140 or COS 141.  
Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English level.  
A continuation of the study of professional ethics, client building skills and State Board rules and regulations from Cosmetology 141.  
Lecture, demonstration and practical experience in the following areas: communication, character building, goal setting, client retention and public safety.  
40 lecture hours, 104 lab hours.  
25232  Morrish, M.  MTWR 07:30 AM-09:55 AM  
PC 122  
01/06-01/31

### Dance

**DANC 102  History of Dance**  3 Units  
A survey of dance from tribal, ethnic, and folk dance forms including Renaissance Europe, Louis XIV, the Golden Age of Ballet, and the Diaghilev Era, concluding with 20th Century dance including jazz, African-American influences, neo-classic ballet, modern, hip-hop and world dance.  
54 lecture hours. CSU UC  
25423  Allgaier, J.  TWR 06:00 PM-08:50 PM  
VT 319  
01/06-02/13

### Dental Assisting

**DENT 125  Dental Practice Management**  2 Units  
Prerequisite: DENT 100 and DENT 101 or DENT 102.  
This course is designed to provide instruction in the application of skills and responsibilities of a business assistant in a dental practice.  
Fundamentals in basic bookkeeping procedures, communication skills, appointment scheduling, dental insurance, records management, employment preparation, and banking/financial procedures.  
Instruction includes integration of material through lecture, practical experience and the use of computers.  
36 lecture hours, 9 lab hours.  
25283  Arredondo, D.  TR 08:30 AM-12:45 PM  
PC 223  
01/14-02/06
Earth Science

ESCI 119  Physical Geology without Laboratory  3 Units
Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English level. A study of marine geology and topography, physical processes within the marine environment, such as waves and currents, tides, sea-floor spreading, marine provinces, marine sediments, and environmental relationships. 54 lecture hours. CSU UC

ESCI 130  Physical Oceanography  3 Units
Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English level. Marine geology and ocean dynamics. 54 lecture hours. CSU UC

Economics

ECON 101  Principles of Macroeconomics  3 Units
An introductory course that focuses on aggregate economic analysis. Topics include market systems; economic cycles including recession, unemployment and inflation; gross domestic product and national income accounts; money and the financial markets; monetary and fiscal policy; and international trade and finance. 54 lecture hours. CSU UC

ECON 102  Principles of Microeconomics  3 Units
A college-level composition course emphasizing exposition, analysis, argument, and research techniques. Extensive writing practice based upon reading selections of culturally diverse fiction, non-fiction and verse. 54 lecture hours. CSU UC

Engineering

ENGR 135  Engineering Mechanics: Statics  3 Units
Prerequisites: MATH 190 and PHYS 201. Vectors, work, energy, and power. 54 lecture hours. CSU UC

English As A Second Language

ENGL 098  English Fundamentals  2 Units
This course focuses intensively on English fundamentals including grammar, spelling, and basic literary skills such as sentence structure, vocabulary, acquisition, mechanics and punctuation, literal comprehension, reading responses, and student learning strategies. 18 lecture hours, 54 lab hours.

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Register online at citruscollege.edu/ar  WingSpan Registration Help Desk (626) 914-8833  Admissions and Records office (626) 914-8833
## ESL 044 Reading Vocabulary IV
- **Units:** 2
- **Prerequisite:** ESL 034 or placement in ESL Level 4 based on multiple assessment measures.
- **Description:** A reading and vocabulary course for high intermediate ESL students, designed to facilitate appropriate strategies for improving reading comprehension and developing vocabulary. Emphasis is on college-level vocabulary and reading skills. One of three core courses in ESL Level 4. **Note:** The units earned for this course may not be applied toward the 60 units for graduation. 36 lecture hours.
- **CRN:** 25449
- **Instructor:** Lam, W.
- **Days & Time:** MTWR 09:00 AM-10:20 AM
- **Room:** SS 206
- **Days & Time:** 01/06-02/13

## ESL 046 Grammar Review I
- **Units:** 2
- **Prerequisite:** Placement is based on multiple assessment measures or successful completion of ESL 036.
- **Description:** Strongly recommended: For students enrolled in ESL Level 4 core courses. A course for high-intermediate ESL students seeking to improve their grammatical accuracy. Intensive review and practice of syntactic structures such as verb tense, tag questions, gerunds and infinitives, and phrasal verbs. One of three core courses in ESL Level 4. **Note:** The units earned for this course may not be applied toward the 60 units for graduation. 36 lecture hours, 9 lab hours.
- **CRN:** 25450
- **Instructor:** Durfield, A.
- **Days & Time:** MTWR 10:30 AM-11:50 AM
- **Room:** SS 206
- **Days & Time:** 01/06-02/13

## ESL 054 Bridge to College Reading
- **Units:** 2
- **Prerequisite:** Placement is based on multiple assessment measures or successful completion of ESL 044.
- **Description:** A reading and vocabulary course for advanced ESL students designed to improve their skills in the reading and analysis of academic text. Students will develop reading comprehension and study strategies in preparation for college-level coursework. **Note:** The units earned for this course may not be applied toward the 60 units for graduation. 36 lecture hours.
- **CRN:** 25451
- **Instructor:** Durfield, A.
- **Days & Time:** MTWR 09:00 AM-10:20 AM
- **Room:** SS 168
- **Days & Time:** 01/06-02/13

## ESL 056 Grammar Review II
- **Units:** 2
- **Prerequisite:** ESL 046.
- **Description:** Strongly recommended: For students enrolled in ESL level 5 core courses. A course for advanced ESL students seeking to improve their grammatical accuracy in writing and speaking. Further review and practice of complex syntactic structures such as verb forms, tag questions, conditional statements, reported speech, modal and phrasal verbs, and subordinate clauses. **Note:** The units earned for this course may not be applied toward the 60 units for graduation. 36 lecture hours, 9 lab hours.
- **CRN:** 25452
- **Instructor:** Lam, W.
- **Days & Time:** MTWR 10:30 AM-11:50 AM
- **Room:** SS 168
- **Days & Time:** 01/06-02/13

## ESL 100 Fundamentals of Composition
- **Units:** 4
- **Prerequisite:** ESL 040 or placement in ESL level 5 on the Accuplacer assessment test.
- **Description:** This course prepares high-intermediate and advanced ESL students for college-level writing. It provides a review of English fundamentals and practice in critical thinking, paragraph development, and essay writing with an emphasis on exposition. Continued practice in special writing problems common to second language learners. 72 lecture hours, UC
- **CRN:** 25178
- **Instructor:** Chu, P.
- **Days & Time:** MTWR 01:00 PM-04:05 PM
- **Room:** SS 168
- **Days & Time:** 01/06-02/13

## Health Occupations
### HEAL 100 Emergency Medical Services Career Preparation
- **Units:** 3
- **Prerequisite:** Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English level.
- **Description:** Health Occupations 100 is designed to provide the student with the knowledge and skills necessary to begin an entry-level career in Emergency Medical Services (EMS) and other allied health-related fields of patient care. This course provides beginning concepts of preparatory sciences directly related to the care of sick and injured persons. It also covers the basic knowledge and skills necessary for American Heart Association (AHA) cardiopulmonary resuscitation (CPR) certification. Successful completion of this course is required for enrollment into the Emergency Medical Technician Basic Program.
- **Material Fee:** $36 lecture hours, $54 lab hours.

## Schedule of Credit Classes - Winter 2014

<table>
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<tr>
<th>CRN</th>
<th>Instructor</th>
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### DISTANCE EDUCATION CLASS
- **After registering go to www.citruscollege.edu/de**
- **Mandatory on-campus meetings:** January 15th and 16th at 6:00 pm - 10:00 pm in TC 230

### History
### HIST 103 History of World Civilization up to 1500 C.E.
- **Units:** 3
- **Note:** Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English level.
- **Description:** The course is a survey of emerging regional cultures and societies from the earliest civilizations to 1500. Consideration will be given to comparative and integrative analysis of their contributions to the fabric of world civilization. Particular focus will be given to cultural evolutionary parallels and the diffusion of ideas through migration and trade on a global scale. College level reading is strongly advised. 54 lecture hours, CSU UC
- **CRN:** 25109
- **Instructor:** Lubisch, S.
- **Days & Time:** 01/06-02/13

### HIST 107 History of the United States before 1877
- **Units:** 3
- **Note:** Strongly recommended: ENGL 099 if required by English placement exam or if required by English level.
- **Description:** A survey of the political, economic, and social development of the United States to 1876. This course meets the State requirement for American history and is designed for college transfer students. 54 lecture hours, CSU UC
- **CRN:** 25244
- **Instructor:** Solheim, B.
- **Days & Time:** 01/06-02/13

### HIST 108 History of the United States since 1877
- **Units:** 3
- **Note:** Strongly recommended: ENGL 099 if required by English placement exam or if required by English level.
- **Description:** A survey of political, economic, diplomatic, and social development of the U.S. from 1876 to the present. This course meets the State requirement for American history and is designed for college transfer students. 54 lecture hours, CSU UC
- **CRN:** 25327
- **Instructor:** Korn, D.
- **Days & Time:** HRS-ARRG 01/06-02/13

### Humanities
### HUM 101 Humanities - Prehistory through the Medieval Period
- **Units:** 3
- **Note:** Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English level.
- **Description:** The humanities are approached on four levels: art, music, literature, and philosophy. Includes the beginnings in Egypt, Babylonia, and Greece and proceeds chronologically through the medieval period. 54 lecture hours, CSU UC
- **CRN:** 25349
- **Instructor:** Bobo, M.
- **Days & Time:** TWR 06:00 PM-08:50 PM

### Kinesiology - Activities
<table>
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<th>CRN</th>
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**Kinesiology - Fitness**

**KIN 130 Basketball**  1 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement exam or if required by English level.

Techniques in basketball such as ball handling, passing, receiving, screening, cutting, shooting, team play and strategy of the game. Rules are included. This course may be taken four times with the objective of improving proficiency in previously learned skills by further repetition and supervised instruction. 18 lecture hours, 18 lab hours. CSU UC

25415 Dinneen, G.  M 02:00 PM-03:05 PM  PE 102  01/06-02/13

**KIN 150 Adapted Physical Education**  1 Units

Prerequisite: Physician's written diagnosis of physical disability and exercise limitations.

Designed for the student with a physical disability who is unable to participate in regular physical education classes. A medical doctor's written prescription of exercise limitations is required. This course may be taken unlimited times with the instructor's permission. 54 lab hours. CSU UC

25417 Hartman, S.  MTWR 10:20 AM-12:30 PM  AP 109  01/06-02/13

Recommended for disabled students.

**KIN 151 Body Conditioning**  1 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement exam or if required by English level.

This course will include general conditioning exercises, aerobic exercises, and exercises to develop flexibility and strength. 18 lecture hours, 18 lab hours. CSU UC

25210 Gunstream, M.  MT 08:40 AM-10:00 AM  AP 110  01/06-02/13

Gunstream, M.  WR 08:40 AM-10:00 AM  AP 110  01/06-02/13

**KIN 152 Weight Training**  1 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement exam or if required by English level.

This course is designed to develop both the large and small group skeletal muscles through a program of weight lifting, circuit training, power lifting, Olympic lifting, and conditioning. This course may be taken four times with the objective of improving proficiency in previously learned skills by further repetition and supervised instruction. A student may not earn more than four units through the combination of KIN 152 and KIN 154. 18 lecture hours, 18 lab hours. CSU UC

25416 Wheeler, A.  MT 09:00 AM-10:20 AM  PE 101  01/06-02/13

Wheeler, A.  WR 09:00 AM-10:20 AM  PE 101  01/06-02/13

**Kinesiology - Pro Prep**

**KIN 170 Fitness for Life**  3 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement exam or if required by English level.

This course explains the mechanics of a proper exercise and diet program through lecture and exercise activities. Various forms of exercise will be presented for trial by each student to develop a personal fitness prescription. 54 lecture hours. CSU UC

25204 Wurst, C.  MTWR 08:00 AM-10:10 AM  PE 138  01/06-02/13

25378 McDonald, T.  MTWR 10:25 AM-12:35 PM  AQ 100  01/06-02/13

25205 Brawner, M.  W 01:00 PM-02:50 PM  AQ 100  01/06-02/13

Brawner, M.  HRS-ARRG  01/06-02/13

**KIN 171 Health Science**  3 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement exam or if required by English level.

This course is designed to explore the major areas of health that will have an effect on the well-being of the individual now and in the future. 54 lecture hours. CSU UC

25268 Gunstream, M.  MTWR 10:25 AM-12:35 PM  PE 138  01/06-02/13

25212 Hartman, S.  R 01:00 PM-02:50 PM  PE 140  01/06-02/13

Register online at citruscollege.edu/ar  WingSpan Registration Help Desk (626) 914-8833  Admissions and Records office (626) 914-8841
### Schedule of Credit Classes - Winter 2014

<table>
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**Distance Education Class** After registering go to www.citruscollege.edu/de

**Student required to take exams on campus.**

### MATH 150 Intermediate Algebra

#### Prerequisite:
MATH 030 or placement based on multiple assessment measures.

Real number properties, first degree equations and inequalities, absolute value equations and inequalities, formulas, applications, exponents, polynomials, the binomial theorem, factoring, linear systems, functions, rational expressions, radicals, complex numbers, quadratic equations, conics, inverse functions, and exponential and logarithmic functions. 90 lecture hours. 

**Note:** THIS COURSE MAY NOT BE TAKEN CONCURRENTLY WITH EITHER MATH 148 or 149. STUDENTS MAY NOT EARN MORE THAN A TOTAL OF FIVE UNITS IN ANY COMBINATION OF MATH 148, 149 AND 150.

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**Distance Education Class** After registering go to www.citruscollege.edu/de

**Students required to take exams on campus.**

### MATH 151 Plane Trigonometry

**Prerequisite:** MATH 131 or high school Geometry, and MATH 149 or MATH 150 or placement based on multiple assessment measures.

Functions, the trigonometric functions: their graphs and identities, laws of sines and cosines, solutions of triangles, trigonometric equations, inverse trigonometric functions, polar coordinates, DeMoivre's Theorem. 72 lecture hours. 

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**Distance Education Class** After registering go to www.citruscollege.edu/de

**Students required to take exams on campus.**

### MATH 165 Introductory Statistics

**Prerequisite:** MATH 149 or MATH 150 or placement based on multiple assessment measures.

Introductory course to statistics and probability, descriptive analysis, and presentation of data, hypothesis testing, statistical inference, normal curve, chi square, and applications in diverse disciplines. 72 lecture hours. 

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**Distance Education Class** After registering go to www.citruscollege.edu/de

**Students required to take exams on campus.**

### MATH 170 College Algebra

**Prerequisite:** MATH 149 or MATH 150 or placement based on multiple assessment measures.

Polynomial, rational, exponential, and logarithmic functions; matrices and determinants; theory of equations; analytic geometry, and mathematical induction. 72 lecture hours. 

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<td>25404</td>
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</tbody>
</table>

**Distance Education Class** After registering go to www.citruscollege.edu/de

**Students required to take exams on campus.**

### MATH 175 Pre-Calculus

**Prerequisite:** MATH 151 or placement based on multiple assessment measures.

Preparation for calculus; polynomial, rational, exponential, logarithmic, and trigonometric functions; analytic geometry; mathematical induction. 72 lecture hours. 

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<tr>
<th>CRN</th>
<th>Instructor</th>
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<td>25123</td>
<td>Everest, R.</td>
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<td>09:00 AM-12:05 PM</td>
<td>MA 207</td>
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<td>25028</td>
<td>Scott, C.</td>
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<td>02:30 PM-05:35 PM</td>
<td>MA 207</td>
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</table>

**Distance Education Class** After registering go to www.citruscollege.edu/de

**Students required to take exams on campus.**
### Music - Commercial

**MUSC 130 Studio Orchestra I** 4 Units
- Prerequisite: Audition. Successful completion of MUSE 070 or MUSE 090 will support audition success. A beginning study of the studio environment including recording of various musical styles. Public and studio performance required. 36 lecture hours, 126 lab hours arranged. CSU
- CRN: 25434 Hoenhe, W. MTWRF 12:00 PM-12:55 PM PA 154 01/06-02/13

**MUSC 160 Sight Reading for the Studio I** 3 Units
- Strongly recommended. MUSE 100. Also, ENGL 099 or READ 099 if required by English placement exam or if required by English level. A preparatory course in sight-reading for the aspiring performer/studio musician. Focus is upon polished/professional performance through the application of music theory and analysis to the sight-reading process. 54 lecture hours. CSU
- CRN: 25433 Hoenhe, W. MTWRF 09:00 AM-09:55 AM PA 154 01/06-02/13

**MUSC 161 Sight Reading for the Studio II** 3 Units
- Prerequisite: MUSC 160 or Audition. A continuation and further expansion upon the reading and performance concepts of music covered in Sight Reading for the Studio I. Public performance is required. 54 lecture hours. CSU
- CRN: 25461 Hoenhe, W. MTWRF 11:00 AM-12:05 PM PA 154 01/06-02/13

**MUSC 177 Professional Performance Techniques** 3 Units
- Prerequisite: Audition. The Professional Performance Techniques for the musician class provides the musician with the necessary fundamentals, to accurately assess a performance setting and make appropriate decisions for its success. The course stresses detailed style analysis in a broad range of musical settings. Logistical necessities will be examined and the course will culminate with musical performances. 18 lecture hours, 108 lab hours arranged.
- CRN: 25435 Mixson, V. TR 09:00 AM-10:10 AM PA 154 01/06-02/13

### Music - Education

**MUSE 020 Foundational Music Reading** 2 Units
- Prerequisite: Audition. This course introduces foundational music reading skills in an ensemble environment. 18 lecture hours, 54 lab hours.
- CRN: 25437 Waddington, A. MTW 07:30 AM-08:20 AM PA 154 01/06-02/13

**MUSE 109 Music Appreciation** 3 Units
- This course is an introduction to music from the Middle Ages to the 20th Century. Instruction includes basic music theory, a study of prominent composers, and a survey of musical forms. Recommended for the non-music major. Required for music majors. 54 lecture hours. CSU UC
- CRN: 25431 Langford, W. MTWRF 07:20 AM-09:30 AM PA 154 01/06-02/13

**MUSE 113 History of Rock and Roll** 3 Units
- This course focuses on the rock musician, the music and the manner in which sociological, political, and economic conditions merged in the evolution of this art form. Listening and classroom discussion will be stressed. 54 lecture hours. CSU UC
- CRN: 25428 Eisel, G. MTW 01:00 PM-02:05 PM PA 133 01/06-02/13
- CRN: 25429 Eisel, G. MTW 04:15 PM-05:20 PM PA 133 01/06-02/13
### Schedule of Credit Classes - Winter 2014

**Note:** Course Dates indicate Beginning and Ending Dates

<table>
<thead>
<tr>
<th>CRN</th>
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<tr>
<td>25238</td>
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<tr>
<td>25344</td>
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<tr>
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<td>10:25 AM-12:35 PM</td>
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### Office Tech & Computer Apps

**OFF 120 Microsoft Excel**

An Excel worksheets and workbooks course to include: formatting, calculating sums, formulas, charts, enhancing the worksheet, and making decisions using the IF function, completing financial functions, data lists, large workbooks using templates, using advanced sorting and filtering, creating charts, diagrams, and templates, creating PivotTable, PivotChart reports, and auditing worksheets, using data analysis, solver, and scenario features, using macros, and Visual Basic for applications, external data, database functions, side-by-side tables, and collaborating with others and preparing a workbook for distribution. 54 lecture hours, 18 lab hours. CSU UC

- **CRN:** 25047
- **Instructor:** Riderer, L.
- **Days:** TWR
- **Time:** 01:00 PM-03:50 PM
- **Room:** LB 101
- **D:** 01/06-02/13

**DISTANCE EDUCATION HYBRID CLASS**

After registering go to www.citruscollege.edu/de

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<tr>
<th>CRN</th>
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<td>25344</td>
<td>Kim, A.</td>
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<tr>
<td>25366</td>
<td>Ramos, M.</td>
<td>MTW</td>
<td>10:25 AM-12:35 PM</td>
<td>HH 754</td>
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### Philosophy

**PHIL 101 Great Religions of the World**

The historical development, principal ideas and contributions of the world's religions. 54 lecture hours. CSU UC

- **CRN:** 25072
- **Instructor:** Saldana, R.
- **Days:** MTW
- **Time:** 10:25 AM-12:35 PM
- **Room:** LB 101
- **D:** 01/06-02/13

**PHIL 106 Introduction to Philosophy**

- **CRN:** 25238
- **Instructor:** Saldana, R.
- **Days:** TWR
- **Time:** 01:00 PM-03:50 PM
- **Room:** LB 101
- **D:** 01/06-02/13

### Physics

**PHYS 110 Introduction to College Physics**

A general physics course for non-majors that explores fundamental principles of the physical world, including kinematics, Newton's laws of motion, conservation laws, electromagnetism, waves, optics and modern physics. 54 lecture hours, 54 lab hours. CSU UC

- **CRN:** 25047
- **Instructor:** Riderer, L.
- **Days:** TWR
- **Time:** 01:00 PM-03:50 PM
- **Room:** PS 113
- **D:** 01/06-02/13

**POLI 103 American Government and Politics**

This course deals with the origins and functions of the government of the United States with special emphasis on the background and causes of present problems. It meets the United States Constitution graduation requirement and includes local and state government. 54 lecture hours. CSU UC

- **CRN:** 25071
- **Instructor:** Saldana, R.
- **Days:** MTWR
- **Time:** 08:00 AM-10:10 AM
- **Room:** LB 301
- **D:** 01/06-02/13

**DISTANCE EDUCATION CLASS** After registering go to www.citruscollege.edu/de

### Psychology

**PSY 101 Introduction to Psychology**

- **CRN:** 25074
- **Instructor:** Tate, E.
- **Days:** TWR
- **Time:** 06:00 PM-08:00 PM
- **Room:** LB 103
- **D:** 01/06-02/13

**DISTANCE EDUCATION CLASS** After registering go to www.citruscollege.edu/de

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<td>01/06-02/13</td>
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</table>

**PSY 101H Introduction to Psychology - Honors**

- **CRN:** 25389
- **Instructor:** Gultman, K.
- **Days:** MTW
- **Time:** 10:25 AM-12:35 PM
- **Room:** HH 754
- **D:** 01/06-02/13

Register online at citruscollege.edu/ar  WingSpan Registration Help Desk (626) 914-8833  Admissions and Records office (626) 914-8833
### Real Estate

**SOC 114**  
**Marriage, Family, and Intimate Relations**  
3 Units  
Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English level.  
A consideration of the sociological and psychological factors which influence present day marriages and relationships. Course includes seminar discussions oriented toward understanding these influences as they relate to the individual.  
54 lecture hours. CSU UC

### Sociology

**SOC 201**  
**Introduction to Sociology**  
3 Units  
Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English level.  
An emphasis is placed on the study of the basic structure of human society, the main forces that hold groups together or weaken them, conditions that transform social life, and basic social concepts. 54 lecture hours. CSU UC

**SOC 202**  
**Contemporary Social Problems**  
3 Units  
Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English level.  
Emphasis is placed on American society and social problems. Special attention is given to the causes and effects of social problems. Course content includes research, field observation studies, seminar discussion with special resource professionals. 54 lecture hours. CSU UC

### Theatre Arts

**THEA 101**  
**Introduction to Theatre Arts**  
3 Units  
Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English level.  
Background and foundation for appreciation and evaluation of theatre arts. Course will include a study of dramatic structure, history of the theatre, plays and playwrights, and a study of contemporary theatre production. 54 lecture hours. CSU UC

**THEA 200**  
**The Art of the Theatre**  
3 Units  
Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English level.  
Introduction to theatre as an art form involving the inter-related processes of all elements of theatre with the primary focus being on script analysis. Includes the study of plays throughout history with emphasis on dramatic analysis and cultural significance. 54 lecture hours. CSU UC

### Spanish

**SPAN 101**  
**Spanish I**  
5 Units  
Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English level.  
A course in elementary Spanish grammar, vocabulary, and pronunciation which focuses on understanding, speaking, reading, and writing (including spelling) simple Spanish and serves as an introduction to the geography, history, and culture of the Spanish-speaking world. 90 lecture hours. CSU UC

**SPAN 102**  
**Spanish II**  
5 Units  