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**Accounting**

**ACCT 101 Financial Accounting**  4 Units

Strongly recommended: ACCT 100 or high school bookkeeping, or related job experience.

The objectives of this course are to learn the content and meaning of the basic financial statements and their impact on the decision-making process in the business environment. This course will provide a broad overview of the importance of accounting in the business process as well as introduce the student to the double entry system of accounting, how to record, process and report on the business transactions and events and to consider the operating cycles in business. Topical areas covered in this class will include cash, accounts, inventory, property, plant and equipment, intangible assets, current liabilities and stockholder equity. The importance of internal controls will be reviewed and the components of the income statement will also be discussed.

72 lecture hours, CSU UC

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**Anthropology**

**ANTH 212 Introduction to Physical Anthropology**  3 Units

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

An introductory study of the biological origin of humans. The course will emphasize the biology of humans, human evolution, taxonomy, pre human fossil identification, and adaption to the environment. An optional laboratory component is available. College level reading is highly recommended for success in the course. 54 lecture hours. CSU UC

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**ANTH 212L Introduction to Physical Anthropology Lab**  1 Units

Corequisite: ANTH 212. Strongly recommended: READ 099 if required by reading placement exam or if required by reading level.

This course is the lab component for Introduction to Physical Anthropology 212. In the lab students will have an expanded opportunity to work with anatomy, skeletal identification, taxonomy, and evolutionary trends. Concurrent enrollment with ANTH 212 is required. College level reading is highly recommended for success in the course. 54 lab hours. CSU UC

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**Astronomy**

**ASTR 115 Planetary Astronomy**  3 Units

Strongly recommended: MATH 130. Also, READ 099 if required by reading placement exam or if required by reading level.

The astronomy of the solar system including the history of astronomy, Newton's and Kepler's laws, light, telescopes, the sun, terrestrial and giant planets, satellites, comets, meteors, and the origin of the solar system. 54 lecture hours. CSU UC

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**Art**

**ART 100 Art History and Appreciation - Fundamentals**  3 Units

Strongly recommended: READ 099 if required by reading placement exam or if required by reading 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 103 Art History and Appreciation - Renaissance to Rococo**  3 Units

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

This course covers the history of western art from its prehistoric beginnings to the fall of Rome. Some of the course content is concerned with the appreciation of art as well as its history. 54 lecture hours. CSU UC

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**ART 111 Beginning Drawing**  3 Units

Strongly recommended: READ 099 if required by reading placement exam or if required by reading 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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**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. Course may be taken three times. 36 lecture hours, 72 lab hours. CSU UC

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**Automotive - Auto, Lt Truck**

Register online at citruscollege.edu/ar  WingSpan Registration Help Desk (626) 914-8833  Admissions and Records office (626) 914-8833
AUTO 101  Fundamentals of Automotive Service, Diagnosis and Repair
5 Units
Strongly recommended: READ 099 if required by reading placement exam or if required by reading level.
Intended for automotive majors, this class serves as the pre-requisite for all automotive certificate and 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 automobile inspection, service and repair are included. 72 lecture hours, 54 lab hours. CSU
25097 Clark, J. MTWR 08:00 AM-11:00 AM TE 104 01/03-02/11
25100 Clark, J. MTWR 11:00 AM-01:15 PM AA 101 01/03-02/11

AUTO 156  Automotive Electrical & Electronic Systems I
4 Units
Prerequisite: AUTO 101 or Corequisite AUTO 101.
Strongly recommended: READ 099 if required by reading placement exam or if required by reading level. Also, MATH 129 or higher and ENGL 100 or higher. Intended for those seeking a career in the automotive service and repair industry, this National Automotive Technicians’ Education Foundation certified course is one component of the Toyota Technical Education Network and Technicians’ Education Cooperative programs. This class covers essential electrical and electronic systems theory, along with inspection, diagnosis, service & repair of specific electrical systems including the battery, starting systems, charging systems, lighting systems, gauges, and instrument-panel warning lights. Prepares students for ASE Electrical & Electronic Systems (A6) certification. 68 lecture hours, 72 lab hours. CSU
25169 Eckead, C. MTWR 06:00 PM-08:10 PM AA 101 01/03-02/11
Eckead, C. MTWR 08:10 PM-09:30 PM AA 101 01/03-02/11

AUTO 166  Automotive Electrical & Electronic Systems II
3 Units
Prerequisite: AUTO 156.
Strongly recommended: READ 099 is required by reading placement exam or if required by reading level. Also, MATH 129 or higher and ENGL 100 or higher. Intended for those seeking a career in the automotive service and repair industry. This National Automotive Technicians’ Education Foundation certified course is one component of the Toyota Technical Education Network and Technicians’ Education Cooperative programs. This class covers advanced electrical and electronic systems theory, along with inspection, diagnosis, service and repair of specific accessory systems including supplemental restraint, navigation, entertainment, power windows/locks/seats, customizable body electronics, hybrid vehicle controls and multiplex systems. This course prepares students for ASE Electrical and Electronic Systems (A6) certification. 36 lecture hours, 54 lab hours. CSU
25099 Brown, D. MTWR 06:00 PM-09:30 PM AA 101 01/03-02/11
Brown, D. MTWR 07:20 PM-09:50 PM AA 101 01/03-02/11

AUTO 167  Automotive HVAC Service, Diagnosis & Repair
3 Units
Prerequisite: AUTO 101.
Strongly recommended: READ 099 if required by reading placement exam or if required by reading level. Also, AUTO 156 and MATH 129 or higher and ENGL 100 or higher. Intended for those seeking a career in the automotive service and repair industry. This National Automotive Technicians’ Education Foundation certified course is one component of the Toyota Technical Education Network and Technicians’ Education Cooperative programs. This class covers essential heating, ventilation, and air conditioning system theory, along with inspection, diagnosis, service and repair of specific HVAC subsystems including: refrigeration, air distribution and automatic temperature control. This course prepares students for ASE Heating and Air Conditioning (A7) certification. 36 lecture hours, 54 lab hours. CSU
25100 Brown, D. MTWR 12:00 PM-01:20 PM TE 104 01/03-02/11
Brown, D. MTWR 01:20 PM-03:30 PM TD 137 01/03-02/11

AUTO 295  Engine Design
4 Units

BIOG 101  Biology: Contemporary Topics
3 Units
Strongly recommended: READ 099 if required by reading placement exam or if required by reading level.
A general biology lecture course for non-majors which will cover basic life processes and address contemporary issues in biology. Biological principles covered will include chemical foundations of biology, cell structure and function, cell reproduction, and genetics. Contemporary issues may include such areas as public health, biotechnology, and environmental science. 54 lecture hours. CSU
25170 Dery, K. TWR 08:00 AM-10:50 AM LH 101 01/03-02/11
25116 Dingwall, S. TWR 07:00 PM-09:50 PM LH 101 01/03-02/11
25117 Mondrala, S. HRS-ARRG 01/03-02/11
DISTANCE EDUCATION After registering go to www.citruscollege.edu/de.
Students must come to campus four times during the term for assessment in the Citrus College Testing Center.

BIOG 105  General Biology
4 Units
Strongly recommended: MATH 130, high school biology, or chemistry. Also, READ 099 if required by reading placement exam or if required by reading level.
A general biology course, lecture and laboratory, for non-majors, with emphasis upon molecular biology, cell structure and function, energy relationships, nutrient processing, reproduction and development, genetics and evolution, ecological interrelationships, and discussion of contemporary issues. The laboratory provides the student with expanded first-hand experience in specific areas of course content. 54 lecture hours, 54 lab hours. CSU
25125 Hester, D. TWR 11:00 AM-01:50 PM LH 101 01/03-02/11
25126 Mondrala, S. TWR 08:00 AM-10:50 AM LS 117 01/03-02/11
25127 Hester, D. TWR 02:00 PM-04:50 PM LS 117 01/03-02/11

BIOG 145  Environmental Science
3 Units
Strongly recommended: BIOG 104 or 105. Also, READ 099 if required by reading placement exam or if required by reading level.
A general biology course exploring contemporary global environmental concerns. Basic concepts covered will include the Earth’s life support systems, population dynamics, environmental pollution, food production, and natural resource utilization. Emphasis will be placed on recognizing global environmental problems and exploring various solutions for them. 54 lecture hours. CSU
25129 Goodman, R. TWR 11:00 AM-01:50 PM LH 102 01/03-02/11
DISTANCE EDUCATION After registering go to www.citruscollege.edu/de.
This course requires that students come on campus four times for testing.

BIOG 200  Human Anatomy
4 Units
Prerequisite: BIOG 105.
Biologic 200 is a lecture/laboratory course in human anatomy focusing on the structures and organs of the human body. Students will be required to learn and understand the structures from the molecular to gross levels, using the microscope, standard anatomical (plastic) models, and preserved specimens (sheep heart, sheep brain, and cat). Required of pre-nursing students. 54 lecture hours, 54 lab hours. CSU
25002 Kondo, A. TWR 11:00 AM-01:50 PM LH 102 01/03-02/11
25003 Kondo, A. TWR 08:00 AM-10:50 AM LS 115 01/03-02/11
25004 Kondo, A. TWR 02:00 PM-04:50 PM LS 115 01/03-02/11

Biology
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### BUS 130 Introduction to Business

- **Units**: 3
- **Description**: This is a foundation course in business administration. It is recommended for all students planning further study in this field. Lecture, discussion, and problems involving such topics as business finance, personnel, production, distribution, government regulations, and managerial controls. 54 lecture hours. CSU UC

### BUS 146 Personal Finance

- **Units**: 3
- **Description**: This course introduces basic concepts of personal finance. Topics include managing personal assets, investing in various financial instruments, analyzing various aspects of insurance, planning for retirement, and budgeting household expenditures. Credit card debt, home financing, and buying/leasing vehicles will be discussed along with personal income tax issues. 54 lecture hours. CSU UC

### BUS 160 Business Law and the Legal Environment

- **Units**: 3
- **Description**: A study of law, with an emphasis on the law's relationship to business. Topics 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

### CHEM 103 College Chemistry

- **Units**: 5
- **Prerequisite**: Completion of MATH 130 with min. grade of C.
- **Description**: The first semester of a year program includes chemistry of inorganic compounds; covers topics of nomenclature, stoichiometry, bonding, chemical equations, gasses, 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

### CHLD 120 Literacy for Children

- **Units**: 3
- **Description**: Strongly recommended: READ 099 if required by reading placement exam or if required by reading level. Students will explore techniques for developing literacy skills in the preschool and early school-age child. Discussion and planning of developmentally appropriate curriculum that supports children's listening, speaking, reading and writing skills. Students will survey children's books and learn techniques to enhance literacy development. A complete language arts program that includes storytelling, puppetry and other relevant literacy experiences will be explored. 54 lecture hours. CSU UC

### CHILD 130 Infant Development and Group Care

- **Units**: 3
- **Description**: Strongly recommended: READ 099 if required by reading placement exam or if required by reading 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. CSU UC

### COMM 101 Reporting and Writing News

- **Units**: 3

## Computer Sci & Info Systems

### CSIS 107 Fundamentals of Information Technology

- **Units**: 4
- **Description**: Strongly recommended: READ 099 if required by reading placement exam or if required by reading level. This course covers essential concepts of information technology. Topics include computer hardware, software, programming concepts, network/Internet technologies, ethics and emerging technologies. 72 lecture hours. CSU UC

### CSIS 130 Microcomputers Applications I

- **Units**: 4
- **Description**: Strongly recommended: CSIS 105 or 107. Also READ 099 if required by reading placement exam or if required by reading 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. Preparers students to take the Microsoft Office User Specialist certification exams. 72 lecture hours. CSU UC

## Chemistry

### CHEM 103 College Chemistry

- **Units**: 5
- **Prerequisite**: Completion of MATH 130 with min. grade of C.
- **Description**: The first semester of a year program includes chemistry of inorganic compounds; covers topics of nomenclature, stoichiometry, bonding, chemical equations, gasses, 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

## Dance

### DANC 158 Hop-Hop Dance Techniques

- **Units**: 1
- **Description**: Strongly recommended: READ 099 if required by reading placement exam or if required by reading level. A survey of the basic skills of hip-hop dance technique and history. This class provides basic technique, warm-ups, stretching, body control and stamina progressing to hip-hop dance combinations. This course may be taken four times. 18 lecture hour, 36 lab hours. CSU UC

### DANC 160 Beginning Jazz Dance

- **Units**: 1
- **Description**: A survey of the basic skills in jazz movement. This class provides basic technique and practice warm-ups, stretching, body control and the building of stamina and strength progressing to dance combinations. This course may be taken four times. 18 lecture hours, 36 lab hours. CSU UC

### DANC 162 Beginning Ballet

- **Units**: 1
- **Description**: Designed to instruct students in the dance technique of classical ballet. This course may be taken four times. 18 lecture hours, 36 lab hours. CSU UC

### DANC 262 Intermediate Ballet I

- **Units**: 1
- **Prerequisite**: DANC 162 or Audition.
- **Description**: Designed to instruct students in the intermediate dance technique of classical ballet. A more in-depth study of the positions and combinations of ballet. This course may be taken four times. 18 lecture hours, 36 lab hours. CSU UC
### Schedule of Credit Classes - Winter 2011

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

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### ENGL 101 Reading and Composition 3 Units
Prerequisite: Placement is based on multiple assessment measures or completion of ENGL 100 with min. grade of C.

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

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### ENGL 103 Composition and Critical Thinking 3 Units
Prerequisite: Completion of ENGL 101 or ENGL 101H with a min. grade of C.

This course uses literature as a basis for the teaching of critical thinking and composition. The emphasis is upon the analysis of issues, problems, and situations represented in fiction, drama and poetry, and on the development of effective written arguments in support of the analysis. Meets the IGETC critical thinking requirement. 54 lecture hours.

CSU UC

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<td>10:25 AM-12:35 PM</td>
<td>LB 308</td>
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</tr>
<tr>
<td>25095</td>
<td>Overly, D.</td>
<td>TWR</td>
<td>01:00 PM-03:50 PM</td>
<td>LB 308</td>
<td>01/03-02/11</td>
</tr>
</tbody>
</table>

### English As A Second Language

#### ESL 100 Fundamentals of Composition 4 Units
Prerequisite: ESL 040 or placement in ESL level 5 based on multiple assessment measures.

This course parallels ENGL 100, preparing 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, 18 lab hours arranged. UC

Distance Education Class; after registering go to www.citruscollege.edu/de

<table>
<thead>
<tr>
<th>CRN</th>
<th>Instructor</th>
<th>Days</th>
<th>Time</th>
<th>Room</th>
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</tr>
</thead>
<tbody>
<tr>
<td>25099</td>
<td>Tucker, C.</td>
<td>MTWR</td>
<td>10:00 AM-12:50 PM</td>
<td>ED 201</td>
<td>01/03-02/11</td>
</tr>
</tbody>
</table>

#### HIST 103 History of World Civilization up to 1500 C.E. 3 Units
Strongly recommended: READ 099 if required by reading placement exam or if required by reading level.

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.

Distance Education Class; after registering go to www.citruscollege.edu/de

<table>
<thead>
<tr>
<th>CRN</th>
<th>Instructor</th>
<th>Days</th>
<th>Time</th>
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<tbody>
<tr>
<td>25109</td>
<td>Lubisch, S.</td>
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<td>10:25 AM-12:35 PM</td>
<td>LB 304</td>
<td>01/03-02/11</td>
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</tbody>
</table>

#### HIST 104 History of World Civilization since 1500 3 Units
Strongly recommended: READ 099 if required by reading placement exam or if required by reading level.

The course offers a survey of world civilizations from 1500's regional isolation to modern-day globalism and its issues and problems. Consideration will be given to the political, economic, social, and intellectual forces present in the rise of the modern world. Particular focus will be given to the interrelatedness of historical events and on the comparisons of cultures and societies in a historical perspective. College-level reading is strongly advised. 54 lecture hours.

Distance Education Class; after registering go to www.citruscollege.edu/de

<table>
<thead>
<tr>
<th>CRN</th>
<th>Instructor</th>
<th>Days</th>
<th>Time</th>
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<td>25188</td>
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<td>01:00 PM-03:50 PM</td>
<td>LB 104</td>
<td>01/03-02/11</td>
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</table>

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

<table>
<thead>
<tr>
<th>CRN</th>
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<th>Days</th>
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<th>Room</th>
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</tr>
</thead>
<tbody>
<tr>
<td>25015</td>
<td>Low, J.</td>
<td>MTWR</td>
<td>08:00 AM-10:10 AM</td>
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<td>01/03-02/11</td>
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<tr>
<td>25154</td>
<td>Gutierrez, J.</td>
<td>TWR</td>
<td>04:00 PM-07:50 PM</td>
<td>MA 230</td>
<td>01/03-02/11</td>
</tr>
</tbody>
</table>

**MATH 020 Arithmetic Fundamentals**

- **Cr**: 3
- **Prerequisite**: Placement is based on multiple assessment measures or completion of MATH 017.
- **Note**: Strongly recommended: READ 099 if required by reading placement exam or if required by reading level.
- **Description**: The four basic operations of arithmetic on whole numbers, fractions, and decimals, with applications. Ratios, proportions, and percents with applications. 54 lecture hours.

**MATH 029 Pre-Algebra**

- **Cr**: 3
- **Prerequisite**: Placement is based on multiple assessment measures or completion of MATH 017.
- **Note**: Strongly recommended: READ 099 if required by reading placement exam or if required by reading level.
- **Description**: The four basic operations of arithmetic on whole numbers, fractions, and decimals, with applications. Ratios, proportions, and percents with applications. 54 lecture hours.

**MATH 100 College Algebra**

- **Cr**: 3
- **Prerequisite**: MATH 148 or MATH 150.
- **Description**: Polynomial, rational, exponential, and logarithmic functions; matrices and determinants; theory of equations; analytic geometry, and mathematical induction. 54 lecture hours. CSU UC

**MATH 150 Intermediate Algebra**

- **Cr**: 5
- **Prerequisite**: MATH 130.
- **Description**: Real number properties, first degree equations and inequalities, absolute value equations and inequalities, applications, polynomials, the binomial theorem, factoring, rational expressions, exponents, radicals, complex numbers, quadratic equations, applications, formulas, linear equations and inequalities, variation, functions, linear systems, conics, inverse functions, exponential, and logarithmic functions. 90 lecture hours. NOTE: THIS COURSE MAY NOT BE TAKEN CONCURRENTLY WITH EITHER MATH 149 OR 149. STUDENTS MAY NOT EARN MORE THAN A TOTAL OF FIVE UNITS IN ANY COMBINATION OF MATH 148, 149 AND 150.

**MATH 165 Introductory Statistics**

- **Cr**: 4
- **Prerequisite**: MATH 149 or MATH 150.
- **Description**: 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. CSU UC

**MATH 170 College Algebra**

- **Cr**: 3
- **Prerequisite**: MATH 149 or MATH 150.
- **Description**: Polynomial, rational, exponential, and logarithmic functions; matrices and determinants; theory of equations; analytic geometry, and mathematical induction. 54 lecture hours. CSU UC

**MATH 175 Pre-Calculus**

- **Cr**: 4
- **Prerequisite**: MATH 151.
- **Description**: Preparation for calculus; polynomial, rational, exponential, logarithmic, and trigonometric functions; analytic geometry, mathematical induction. 72 lecture hours. CSU UC
### Music - Commercial

<table>
<thead>
<tr>
<th>CRN</th>
<th>Instructor</th>
<th>Days</th>
<th>Time</th>
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<tbody>
<tr>
<td>25044</td>
<td>Munoz, G.</td>
<td>MTWR</td>
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<td>25045</td>
<td>Munoz, G.</td>
<td>MTWR</td>
<td>11:10 AM-12:30 PM</td>
<td>VT 117</td>
<td>01/03-02/11</td>
</tr>
</tbody>
</table>

#### MUS 122 Professional Performance Techniques (Vocal)

Prerequisite: Audition.
An advanced course for the vocal performance major. Advanced vocal techniques in a professional-quality setting. Emphasis on rehearsal techniques, total presentation, body movement, and audience rapport. This course may be taken four times. 54 lecture hours, 54 lab hours.

<table>
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<tr>
<th>CRN</th>
<th>Instructor</th>
<th>Days</th>
<th>Time</th>
<th>Room</th>
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<tr>
<td>25039</td>
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<td>01/03-02/11</td>
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### Music - History and Theory

<table>
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<th>Days</th>
<th>Time</th>
<th>Room</th>
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</thead>
<tbody>
<tr>
<td>25042</td>
<td>Eisel, G.</td>
<td>M</td>
<td>06:00 PM-10:40 PM</td>
<td>PA 133</td>
<td>01/03-02/11</td>
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</table>

#### MUS 114 Music Appreciation

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 majors. Required for music majors. 54 lecture hours. 54 lab hours. CSU UC

<table>
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<tr>
<th>CRN</th>
<th>Instructor</th>
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### Music - Instrumental

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<td>07:00 AM-01:00 PM</td>
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#### MUS 217 Chamber Winds I

Study of band literature from the Renaissance to Classical Era. Working solos and guest artists will be emphasized in addition to the study of different performance practices. Public performance required. This course may be taken four times. 36 lecture hours, 108 lab hours, CSU UC

<table>
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<tr>
<th>CRN</th>
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<th>Days</th>
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</thead>
<tbody>
<tr>
<td>25133</td>
<td>Boquiren, C.</td>
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<td>09:00 AM-11:00 AM</td>
<td>TC 133</td>
<td>01/03-02/11</td>
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<tr>
<td>25134</td>
<td>Boquiren, C.</td>
<td>F</td>
<td>09:00 AM-12:20 PM</td>
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### Nursing - Registered

<table>
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<tr>
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<td>Boquiren, C.</td>
<td>M</td>
<td>06:45 AM-05:45 PM</td>
<td>PA 123</td>
<td>01/03-02/11</td>
</tr>
</tbody>
</table>

#### RNRS 290 Gerontological Nursing

Prerequisites: RNRS 201 and 203.
This course provides knowledge regarding the care of geriatric clients, including facts and theories of aging and cultural perspectives as well as specific information about each body system and alterations associated with aging. The course concludes with a discussion of gerontological issues. 18 lecture hours, 54 lab hours.

<table>
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<tr>
<th>CRN</th>
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<th>Time</th>
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<td>25132</td>
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<td>06:45 AM-05:45 PM</td>
<td>PA 123</td>
<td>01/03-02/11</td>
</tr>
</tbody>
</table>

### Office Tech & Computer Apps

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

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**Note:** Clinical days and times subject to change

Lab section only. Lecture section also required.

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**Distance Education Class** After registering go to www.citruscollege.edu/de majors. Required for music majors. 54 lecture hours. CSU UC Century. Instruction includes basic music theory, a study of prominent art form. Listening and classroom discussion will be stressed. 54 lecture hours. CSU UC

<table>
<thead>
<tr>
<th>CRN</th>
<th>Instructor</th>
<th>Days</th>
<th>Time</th>
<th>Room</th>
<th>D</th>
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<tbody>
<tr>
<td>25044</td>
<td>Munoz, G.</td>
<td>MTWR</td>
<td>09:00 AM-10:20 AM</td>
<td>VT 117</td>
<td>01/03-02/11</td>
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<tr>
<td>25045</td>
<td>Munoz, G.</td>
<td>MTWR</td>
<td>11:10 AM-12:30 PM</td>
<td>VT 117</td>
<td>01/03-02/11</td>
</tr>
</tbody>
</table>

#### MUS 213 Professional Performance Techniques (Vocal)

Prerequisite: Audition.
An advanced course for the vocal performance major. Advanced vocal techniques in a professional-quality setting. Emphasis on rehearsal techniques, total presentation, body movement, and audience rapport. This course may be taken four times. 36 lecture hours, 54 lab hours.

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<th>Days</th>
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<tbody>
<tr>
<td>25039</td>
<td>Langford, W.</td>
<td>MTWR</td>
<td>08:30 AM-10:05 AM</td>
<td>VT 319</td>
<td>01/03-02/11</td>
</tr>
</tbody>
</table>

#### MUS 110 History of Music I

This is an in-depth course examining the history of music as well as the lives and contributions of major composers from Antiquity, the Middle Ages, the Renaissance, and the Baroque periods. Required for music majors. 54 lecture hours. CSU UC

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<th>CRN</th>
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<tbody>
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<td>25036</td>
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<td>07:00 AM-11:00 AM</td>
<td>TC 229</td>
<td>01/03-02/11</td>
</tr>
</tbody>
</table>

#### MUS 111 Music Fundamentals

This course emphasizes basic music skills. Recommended for all students desiring a foundation in beginning theory, notation, ear training, and composition. 54 lecture hours, 18 lab hours, 54 lab hours arranged. CSU UC

<table>
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<tr>
<th>CRN</th>
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<th>Days</th>
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<th>Room</th>
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<tbody>
<tr>
<td>25039</td>
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<td>MTWF</td>
<td>08:30 AM-10:05 AM</td>
<td>VT 319</td>
<td>01/03-02/11</td>
</tr>
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</table>

#### MUS 133 History of Rock and Roll

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

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<tbody>
<tr>
<td>25042</td>
<td>Eisel, G.</td>
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<td>06:00 PM-10:40 PM</td>
<td>PA 133</td>
<td>01/03-02/11</td>
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</table>

#### MUS 144 Music Appreciation

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 majors. Required for music majors. 54 lecture hours. 54 lab hours. CSU UC

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<th>Days</th>
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<th>Room</th>
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<td>VT 117</td>
<td>01/03-02/11</td>
</tr>
</tbody>
</table>
PHIL 101 Great Religions of the World 3 Units
Strongly recommended: READ 099 if required by reading placement exam or if required by reading level.
The historical development, principal ideas and contributions of the world’s religions. 54 lecture hours.
CSU UC
25071 Saldana, R. MTWR 08:00 AM-10:10 AM LB 101 01/03-02/11

PHIL 106 Introduction to Philosophy 3 Units
Strongly recommended: READ 099 if required by reading placement exam or if required by reading level.
The foundations of philosophy in terms of modes of critical thinking, significant philosophical problems, and a representative sampling of primary philosophical writings. 54 lecture hours. CSU UC
25191 Call, J. HRS-ARRG 01/03-02/11

PHIL 110 Philosophy - Logic 3 Units
Strongly recommended: READ 099 if required by reading placement exam or if required by reading level.
A course introducing fundamental problems and principles of formal and informal logic, featuring proofs of validity, deductive and inductive reasoning, and detection and analysis of fallacies. 54 lecture hours. CSU UC
25072 Saldana, R. MTWR 10:25 AM-12:35 PM LB 101 01/03-02/11

Physical Education - Pro Prep
PE 170 Fitness For Life 3 Units
Strongly recommended: READ 099 if required by reading placement exam or if required by reading 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
25007 Brewner, M. HRS-ARRG 01/03-02/11

PE 171 Health Science 3 Units
Strongly recommended: READ 099 if required by reading placement exam or if required by reading 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
25012 Hartman, S. HRS-ARRG 01/03-02/11

PE 173 Nutrition for Fitness 3 Units
This course is designed to provide knowledge about the basic principles of nutrition and to study the role nutrition plays in health promotion. 54 lecture hours.
CSU UC
25009 Gomez, S. MTWR 08:00 AM-10:10 AM AQ 100 01/03-02/11
25013 Shaw, N. MTWR 10:25 AM-12:35 PM FH 224 01/03-02/11

Physical Education-Activities
PE 116 Yoga 1 Units
This course focuses on the development of the body/mind through the use of specific Yoga postures, breathing techniques, stretches, mental exercises, and relaxation exercises. The goals are to instruct students to achieve greater concentration, self-discipline, and improved physical/emotional health through instruction and practice of these skills. This course may be taken four times. 18 lecture hours, 18 lab hours. CSU UC
25159 Shaw, N. MT 08:50 AM-10:15 AM VT 323 01/03-02/11
Shaw, N. WR 08:50 AM-10:05 AM VT 323 01/03-02/11

PE 135 Volleyball 1 Units
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
25157 Gunstream, M. MT 11:40 AM-01:05 PM PE 102 01/03-02/11
Gunstream, M. WR 11:40 AM-12:55 PM PE 102 01/03-02/11

Physical Education-Fitness
PE 151 Body Conditioning 1 Units
Strongly recommended: READ 099 if required by reading placement exam or if required by reading level.
This course will include general conditioning exercises, aerobic exercises, and exercises to develop flexibility and strength. This course may be taken four times with the objective of increasing and expanding the student's proficiencies and attitudes toward body conditioning through a supervised exercise program. 18 lecture hours, 18 lab hours. CSU UC
25010 Gunstream, M. MT 08:30 AM-09:55 AM AP 110 01/03-02/11
Gunstream, M. WR 08:30 AM-09:45 AM AP 110 01/03-02/11
### Schedule of Credit Classes - Winter 2011

**11/1/2010**

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

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**PE 156A Physical Conditioning for Intercollegiate Sports**  
Strongly recommended: READ 099 if required by reading placement exam or if required by reading level.  
Other: Must be a varsity college athlete/varsity college prospect or with coaches permission.  
This course is designed to provide an out of season physical conditioning program for the student interested in intercollegiate athletics. PE 156A and PE156B can be taken a combined total of four times. 9 lecture hours, 27 lab hours.  
**CRN: 25150**  
Boxley, J.  
M 01:00 PM-02:20 PM  
01/03-02/11  
Boylex, J.  
TWR 01:00 PM-02:20 PM  
01/03-02/11  
Or 36 hours arranged:

**Recommended for student athletes: Women's Softball.**

**CRN: 25151**  
Gomez, S.  
M 01:00 PM-02:20 PM  
PE BF  
01/03-02/11  
Gomez, S.  
TWR 01:00 PM-02:20 PM  
PE BF  
01/03-02/11  
Or 36 hours arranged.

**Recommended for student athletes: Baseball**

**CRN: 25152**  
Nila, R.  
M 02:00 PM-03:20 PM  
PE ST  
01/03-02/11  
Nila, R.  
TWR 02:00 PM-03:20 PM  
PE ST  
01/03-02/11  
Or 36 hours arranged.

**Recommended for student athletes: Men's and Women's Track & Field.**

**PE 159 Cardiovascular Training**  
1 Units  
This course will offer a non-competitive, flexible, scheduled environment in which the student can develop a total fitness program. This program will promote areas of muscular strength, flexibility, and cardiovascular endurance. A philosophy of "Fitness for Life" will be the ultimate objective. Every student will be encouraged to regulate his/her program so that it will be enjoyable on a long term basis. This course may be taken four times. 9 lecture hours, 27 hours lab.  
**CRN: 25011**  
Gunstream, M.  
10:15 AM-11:35 AM  
AP 109  
01/03-02/11  
Gunstream, M.  
TWR 10:15 AM-11:35 AM  
AP 109  
01/03-02/11  
This course is not arranged during winter session - must attend the time that is scheduled.

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**PHYS 110 Introduction to College Physics**  
4 Units  
A general physics course for non-majors that explores fundamental principles of the physical world; kinematics, fluid dynamics, thermodynamics, electricity, electromagnetism, sound propagation, and optics. 54 lecture hours, 72 lab hours.  
**CRN: 25047**  
Scott, C.  
TWR 11:00 AM-12:50 PM  
PS 107  
01/03-02/11  
Scott, C.  
TWR 03:00 PM-05:50 PM  
01/03-02/11  
Lecture section only. Lab section also required.

**CRN: 25048**  
Carler, B.  
TWR 08:00 AM-10:50 AM  
PS 101  
01/03-02/11  
Lab section only. Lecture section also required.

**CRN: 25049**  
Ramos, G.  
TWR 04:00 PM-06:50 PM  
PS 101  
01/03-02/11  
Lab section only. Lecture section also required.

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**Political Science**

**POLI 103 American Government and Politics**  
3 Units  
Strongly recommended: READ 099 if required by reading placement exam or if required by reading level.  
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.  
**CRN: 25111**  
Ross, G.  
MTWR 08:00 AM-10:10 AM  
LB 303  
01/03-02/11  
Ross, G.  
MTWR 10:25 AM-12:35 PM  
LB 303  
01/03-02/11  
Peters, G.  
TWR 06:00 PM-08:50 PM  
LB 303  
01/03-02/11  
Peters, G.  
HRS-ARRG  
01/03-02/11  
DISTANCE EDUCATION CLASS  After registering go to www.citruscollege.edu/edu

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**Psychology**

**PSY 101 Introduction to Psychology**  
3 Units  
Strongly recommended: READ 099 if required by reading placement exam or if required by reading level.  
The course is an introduction to psychology as an empirical science involving a synthesis of theory and research within the domains of behavior, cognition and affect. Students are expected to work and participate using critical thinking skills, thoughtful analysis/synthesis of readings, presentations and discussions within the class environment. 54 lecture hours.  
**CRN: 20573**  
Guttman, K.  
MTWR 08:00 AM-10:10 AM  
HH 754  
01/03-02/11  
20574 Brown, R.  
TWR 01:00 PM-03:50 PM  
LB 302  
01/03-02/11  
20575 Brown, R.  
TWR 06:00 PM-08:50 PM  
LB 302  
01/03-02/11  
**PSY 205 Developmental Psychology**  
3 Units  
Strongly recommended: READ 099 if required by reading placement exam or if required by reading level.  
Developmental Psychology is the scientific study of progressive changes in behavior, cognition, and abilities. Attention is paid to issues related to the roles of nature and nurture in developmental processes. 54 lecture hours.  
**CRN: 25189**  
Resch, A.  
HRS-ARRG  
01/03-02/11  
**PSY 225 Psychology of Human Sexuality**  
3 Units  
Strongly recommended: READ 099 if required by reading placement exam or if required by reading level.  
An introductory survey of the psychological bases and dimensions of human sexuality with emphasis on the socio-cultural factors involved in intimate relating, sexuality, and loving. 54 lecture hours.  
**CRN: 25076**  
Guttman, K.  
MTWR 10:25 AM-12:35 PM  
HH 754  
01/03-02/11

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**Reading**

**READ 040 Basic Reading Skills**  
3 Units  
Prerequisite: Placement is based on multiple measure assessment or completion of READ 019 with min. grade of C.  
Development of basic reading strategies which focus on word analysis, vocabulary development, ability to respond orally and in writing to materials read independently from a variety of textual complexities, patterns, and forms including reference, informational, persuasive and literary genres. Designed primarily for students preparing for READ 099. 54 lecture hours.  
**CRN: 25063**  
Lawrence, P.  
MTWR 10:25 AM-12:35 PM  
PE 138  
01/03-02/11  
25064 Lawrence, P.  
TWR 01:00 PM-03:50 PM  
PE 138  
01/03-02/11  
**READ 099 Reading Skills**  
3 Units  
Prerequisites: READ 040 or ESL 054 or placement based on multiple assessment measures.  
An introduction to the fundamental techniques of college reading designed to develop student's literal and inferential comprehension while extending critical reading/thinking skills. This course meets the graduation reading competency requirement. 54 lecture hours.  
**CRN: 25065**  
Gunderson, M.  
MTWR 08:00 AM-10:10 AM  
PC 303  
01/03-02/11  
25066 Gunderson, M.  
MTWR 10:25 AM-12:35 PM  
PC 303  
01/03-02/11  
25179 Van Citters, B.  
HRS-ARRG  
01/03-02/11  
**Sociology**

**SOC 114 Marriage, Family, and Intimate Relations**  
3 Units  
Strongly recommended: READ 099 if required by reading placement exam or if required by reading 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.  
**CRN: 25105**  
Lau, B.  
MTWR 10:25 AM-12:35 PM  
LB 310  
01/03-02/11  
Register online at citruscollege.edu/ar  
WingSpan Registration Help Desk (626) 914-8833  
Admissions and Records office (626)
## Schedule of Credit Classes - Winter 2011

### Note:
Course Dates indicate Beginning and Ending Dates. M=Monday, T=Tuesday, W=Wednesday, R=Thursday, F=Friday, S=

<table>
<thead>
<tr>
<th>CRN</th>
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<td>Van Horn</td>
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### Theatre Arts

#### THEA 130 Introduction to Theatrical Scenery 3 Units

- Strongly recommended: THEA 120. Also, READ 099 if required by reading placement exam or if required by reading level.
- A study of the equipment, processes and techniques used in planning and executing Scenery for the stage. 36 lecture hours, 54 lab hours. CSU UC
- After registering go to www.citruscollege.edu/de

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### Spanish

#### SPAN 201 Introduction to Sociology 3 Units

- Strongly recommended: READ 099 if required by reading placement exam or if required by reading 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
- After registering go to www.citruscollege.edu/de

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### Speech

#### SPCH 100 Interpersonal Communication 3 Units

- Strongly recommended: READ 099 if required by reading placement exam or if required by reading level.
- Introduction to interpersonal communication: verbal and non-verbal face-to-face interactions; understanding messages sent and received; awareness and resolutions of communication barriers. 54 lecture hours. CSU UC

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#### SPCH 101 Public Address 3 Units

- Strongly recommended: READ 099 if required by reading placement exam or if required by reading level.
- An introductory course in speaking skills, including the selection, preparation, and delivery of speeches for various audiences and situations. The goal will be the achievement of ethical, purposeful, and effective public speaking. 54 lecture 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) 914-8644