### Accounting

**ACCT 100** Accounting  3 Units  
Strongly recommended: READ 099 if required by reading placement exam or if required by reading level.  
The objective of this course is to provide an elementary accounting background for business students. Course content includes development of the accounts through journalizing, cash journal entries, sales and purchases, posting, trial balance, work sheet and resultant financial statements. 72 lecture hours.  
20044 Borja, P.  
DISTANCE EDUCATION CLASS  After registering go to www.citruscollege.edu/de

**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.  
20121 Smolin, R.  
DISTANCE EDUCATION CLASS  After registering go to www.citruscollege.edu/de

**ACCT 102** Managerial Accounting  4 Units  
Prerequisite: ACCT 101 with min. grade of C.  
The objectives of this course are to finish reviewing financial accounting concepts and to discuss cost and managerial accounting. Financial accounting concepts such as long-term debt and cash flows will be covered before moving into the area of managerial accounting. Managerial accounting objectives are to provide management and employees timely feedback on the performance of the company operations so that management can plan ahead and make appropriate business decisions. Tools and techniques to evaluate efficiency and profitability such as process costing, break-even analysis, variance analysis and capital budgeting will be reviewed. 72 lecture hours.  
20175 Smolin, R.  
DISTANCE EDUCATION CLASS  After registering go to www.citruscollege.edu/de

### Administration of Justice

**AJ 101** Introduction to the Administration of Justice  3 Units  
Strongly recommended: READ 099 if required by reading placement exam or if required by reading level.  
The history and philosophy of administration of justice in America; recapitulation of the system; identifying the various sub-systems; role expectations, and their inter-relationships; theories of crime, punishment, and rehabilitation; ethics, education and training for professionalism in the system. 54 lecture hours.  
20373 Wooldum, J.  
DISTANCE EDUCATION CLASS  After registering go to www.citruscollege.edu/de

**AJ 103** Legal Aspects of Evidence  3 Units  
Prerequisite: AJ 102.  
Origin, development, philosophy and constitutional basis of evidence, constitutational and procedural considerations affecting arrest, search and seizure; kinds and degrees of evidence and rules governing admissibility; judicial decisions interpreting individual rights and case studies. 54 lecture hours.  
22900 Staff  
DISTANCE EDUCATION CLASS  After registering go to www.citruscollege.edu/de

**AJ 131** Introduction to Corrections  3 Units  
Strongly recommended: READ 099 if required by reading placement exam or if required by reading level.  
A survey of the field of correctional science. Historical development, current concepts and practice, explanations of criminal behavior; functions, and objectives of the criminal justice system concerned with institutional, probation, and parole processes as they modify the offender's behavior and survey of professional career opportunities in public and private agencies. 54 lecture hours.  
22234 Johnson, S.  
DISTANCE EDUCATION CLASS  After registering go to www.citruscollege.edu/de

### Anthropology

**ANTH 210** Introduction to Cultural Anthropology  3 Units  
Strongly recommended: READ 099 if required by reading placement exam or if required by reading level.  
Students will critically examine various societies around the world using basic cultural concepts such as marriage, family, art, food production, political organization, and religion. The class is designed to foster a pluralistic view of the world, teach introductory anthropological concepts, and strengthen critical thinking. College level reading is strongly advised for success in the course. 54 lecture hours.  
20693 Greenwell Cunni, M.  
DISTANCE EDUCATION CLASS  After registering go to www.citruscollege.edu/de

**ANTH 212** Introduction to Physical Anthropology  3 Units  
Corequisite: ANTH 212L.  
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.  
20733 Greenwell Cunni, M.  
DISTANCE EDUCATION CLASS  LECTURE SECTION ONLY - must also register for Anth 212 Lab, CRN 21166. After registering go to www.citruscollege.edu/de

**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.  
21166 Greenwell Cunni, M.  
DISTANCE EDUCATION ONLINE LAB ONLY Must also register in Lecture Anthro 212, CRN 20733.

### 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.  
20078 Rachford, M.  
DISTANCE EDUCATION CLASS  After registering go to www.citruscollege.edu/de

**ART 101** Art History and Appreciation-Ancient  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.  
22234 Johnson, S.  
DISTANCE EDUCATION CLASS  After registering go to www.citruscollege.edu/de

Second Eight Weeks
### Schedule of Credit Classes - Fall 2009

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

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<td>ART 103</td>
<td>Art History and Appreciation - Renaissance to Rococo</td>
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- **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
- 20166 Johnson, S. 08/29-12/19

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

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<td>Personal Finance</td>
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- 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. This course may be taken three times. 54 lecture hours. CSU
- 20214 Gidella, R. 08/29-12/19

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

### 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
- 22258 Kary, D. 08/29-12/19

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

### Biology

| BIOL 104 | 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 UC
- 20294 Hester, D. 08/29-12/19

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

| BIOL 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 covering living organisms and the 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 UC
- 20263 Mondala, S. 08/29-12/19

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

- Lecture section only. Lab section also required.

| BIOL 145 | Environmental Science | 3 Units |

- **Strongly recommended:** BIOL 104 or 105.
- A lecture 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 UC
- 20670 Goodman, R. 08/29-12/19

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

### Business

| 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. CSU UC
- 20146 Richard, L. 10/26-12/19

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

| 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
- 20235 Durfield, T. 08/29-12/19

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

### Child Development

| CHLD 114 | Home-Child-Community Relations | 3 Units |

- **Strongly recommended:** READ 099 if required by reading placement exam or if required by reading level.
- A study of home, child, and community relationships as they pertain to the historical and contemporary perspectives on the education and socialization of children. Includes an examination of community resources and the influences of age, gender, diverse abilities, culture, socioeconomic status and public policy factors that affect children and families. 54 lecture hours. CSU
- 20867 Perry, C. 08/29-12/19

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

### Communications

| COMM 103 | Freelance Journalism | 1 Units |

- **Strongly recommended:** COMM 101.
- This course is designed for students who wish to contribute to the campus newspaper and magazine but are unable to enroll in the regular staff class. Students who are interested in advertising, writing, photography, illustration, cartooning, design, or computer graphics, page layout and paste-up may participate to a limited extent through this class. This course may be taken four times. 36 lab hours. CSU
- 20174 O'Neil, M. 08/29-12/19

#### 54 TOTAL HRS ARRG

Register online at citruscollege.edu/ar WingSpan Registration Help Desk (626) 914-8833 Admissions and Records office (626) 2
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### Computer Sci & Info Systems

**CSIS 107  Fundamentals of Information Technology**

- **4 Units**
- **Strongly recommended:** READ 099 required by reading placement exam or if required by reading level.
- **Strongly recommended:** Knowledge of MS Windows.
- 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.
- **2026** Flores, R. HRS-ARRG 08/29-12/19
- **DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de**

**CSIS 130  Microcomputers Applications I**

- **4 Units**
- **Strongly recommended:** CSIS 105 or 107. Also READ 099 if required by reading placement exam or if required by reading 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.
- **20385** Flores, R. HRS-ARRG 08/29-10/24
- **DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de**

**CSIS 150  Web Development with Dreamweaver**

- **3 Units**
- **Strongly recommended:** READ 099 if required by reading placement exam or if required by reading level. Also, CSIS 105.
- 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.
- **20409** Flores, R. HRS-ARRG 08/29-12/19
- **DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de**

**CSIS 162  Electronic Spreadsheets Using Microsoft Excel**

- **3 Units**
- **Strongly recommended:** READ 099 if required by reading placement exam or if required by reading level.
- This course provides comprehensive instruction in the use of spreadsheet software to create, edit, store, retrieve, and print spreadsheets and charts. Topics include completing calculations, making decisions, organizing and graphing data, developing professional looking reports, publishing organized data to the Web, and accessing real-time data from Web sites. 54 lecture hours. CSU.
- **20409** Flores, R. HRS-ARRG 08/29-12/19
- **DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de**

**CSIS 230  Microcomputer Applications II**

- **4 Units**
- **Prerequisite:** CSIS 130.
- A second course in the use of microcomputers for personal and professional productivity. Covers the advantages of using integrated software over a single application. Practical experience in the integration of Windows programs and the World Wide Web/HTML. 72 lecture hours, 18 lab hours. CSU.
- **21697** Solis, R. HRS-ARRG 10/26-12/19
- **DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de**

### Counseling

**COUN 160  Strategies for College Success**

- **3 Units**
- **Strongly recommended:** READ 099 if required by reading placement exam or if required by reading level.
- A course designed to give students the opportunity to create and change their habits and vision in order to have a rich, full, and rewarding scholastic life through adoption of positive attitude and critical thinking techniques. The course integrates the intellectual, physiological, social, and psychological aspects of being a college student. Learning strategies will be introduced that can be immediately and continuously applied so that students leave the course with confidence, enthusiasm, and a passion to succeed. 54 lecture hours. CSU UC.
- **22031** Martinez, M. HRS-ARRG 10/26-12/19
- **DISTANCE EDUCATION CLASS. After registering to www.citruscollege.edu/de**

### Economics

**ECON 101  Principles of Economics**

- **3 Units**
- **Strongly recommended:** MATH 130. Also, READ 099 if required by reading placement exam or if required by reading level.
- An introductory course that focuses on aggregate economic analysis. Topics include market systems; economic cycles including recession, unemployment and inflation; national income accounts; macroeconomic equilibrium; money and financial institutions; monetary and fiscal policy; and international trade and finance. 54 lecture hours. CSU UC.
- **20270** Bakhit, K. HRS-ARRG 08/29-12/19
- **DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de**

**ECON 102  Principles of Economics**

- **3 Units**
- **Strongly recommended:** MATH 130. Also, READ 099 if required by reading placement exam or if required by reading level.
- Microeconomics, an introductory course that focuses on the decision making from the viewpoint of the individual consumer, worker, and firm. Emphasis is on the price system, allocation of resources and income, supply and demand analysis, structure of the American industry, and applications to current economic policy and problems. 54 lecture hours. CSU UC.
- **20411** Bakhit, K. HRS-ARRG 08/29-12/19
- **DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de**

### Engineering-Com & Network Tech

**ENGR 109  Network and Computer Security**

- **4 Units**
- **Strongly recommended:** READ 099 if required by reading placement exam or if required by reading level.
- Covers basics of general security concepts, network security, communication security and infrastructure security. Business continuity, disaster recovery, planning and prevention will be covered. This course will lay the foundation for attendees to complete the CompTIA Security + certification tests. 54 lecture hours, 54 lab hours.
- **22198** Buchwald, L. HRS-ARRG 08/29-12/19
- **DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de**

### English

**ENGL 100  Fundamentals of Composition**

- **3 Units**
- **Prerequisite:** Placement is based on multiple assessment measures or completion of ENGL 040 with a min. grade of C.
- An introduction to the fundamental techniques and rhetorical devices necessary to effective expository prose, with emphasis on paragraph development, outlining, organization, and revision leading to the multiple-paragraph essay. This course is designed primarily for students preparing for ENGL 101.
- **21811** Hall, J. HRS-ARRG 08/29-12/19
- **DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de**
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**ENGL 101 Reading and Composition** 3 Units
Prerequisite: Placement based on multiple assessment measures or completion of ENGL 100 with min. grade of C.
A college-level composition course emphasizing analysis, argument, and research techniques. Extensive writing practice based upon reading culturally diverse short stories and related materials. 54 lecture hours. CSU UC
DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de
21921 Spangler, S. HRS-ARRG 08/29-12/19

**ENGL 103 Composition and Critical Thinking** 3 Units
Prerequisite: Completion of ENGL 101 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 presented 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
21237 Spangler, S. HRS-ARRG 08/29-12/19

**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. CSU UC
20461 Lubisich, S. HRS-ARRG 08/29-12/19

**HIST 107 Political and Social History of the United States** 3 Units
Strongly recommended: ENGL 100.
A survey of the political, economic and social development of the United States. 54 lecture hours. CSU UC
22088 Solheim, B. HRS-ARRG 08/29-12/19

**HIST 108 Political and Social History of the United States** 3 Units
Strongly recommended: ENGL 100.
A survey of political, economic, diplomatic, and social development of the U. S. from 1876 to the present. 54 lecture hours. CSU UC
20533 Solheim, B. HRS-ARRG 08/29-12/19

**ENGL 102 Cultural Geography** 3 Units
Strongly recommended: READ 099 if required by reading placement exam or if required by reading level. A study of the patterns of human occupation and land use over the earth's surface and their co-relation with the natural environment. Particular emphasis will be given to agricultural and industrial economics, settlement patterns and population studies. 54 lecture hours. CSU UC
20421 Ghandhi, L. HRS-ARRG 08/29-12/19

**HEAL 100 Emergency Medical Services Career Preparation** 3 Units
Strongly recommended: READ 099 if required by reading placement exam or if required by reading level. 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 knowledge and skills necessary for American Heart Association (AHA) cardiopulmonary resuscitation (CPR) certification and first aid certificate for healthcare providers. Successful completion of this course is required for enrollment into the Emergency Medical Technician Basic Program. This course may be taken two times. 36 lecture hours, 54 lab hours.
20968 Hadsell, C. HRS-ARRG 08/29-12/19

**MATH 130 Elementary Algebra** 4 Units
Prerequisite: Placement based on multiple assessment measures or completion of MATH 029 with min. grade of C.
Strongly recommended: READ 099 if required by reading placement exam or if required by reading level. Fundamental operations with polynomials and rational expressions, products and factoring, linear and quadratic equations in one variable, inequalities, exponents, radicals, graphing linear equations, systems of equations, applications and introduction to functions. 90 lecture hours.
22132 Medrano, E. HRS-ARRG 08/29-12/19

**HIST 103 History of World Civilization up to 1500 B.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. CSU UC
20438 Lubisich, S. HRS-ARRG 08/29-12/19

**GEOG 102 Cultural Geography** 3 Units
Strongly recommended: READ 099 if required by reading placement exam or if required by reading level. A study of the patterns of human occupation and land use over the earth's surface and their co-relation with the natural environment. Particular emphasis will be given to agricultural and industrial economics, settlement patterns and population studies. 54 lecture hours. CSU UC
20421 Ghandhi, L. HRS-ARRG 08/29-12/19

**HEAL 100 Emergency Medical Services Career Preparation** 3 Units
Strongly recommended: READ 099 if required by reading placement exam or if required by reading level. 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 knowledge and skills necessary for American Heart Association (AHA) cardiopulmonary resuscitation (CPR) certification and first aid certificate for healthcare providers. Successful completion of this course is required for enrollment into the Emergency Medical Technician Basic Program. This course may be taken two times. 36 lecture hours, 54 lab hours.
20968 Hadsell, C. HRS-ARRG 08/29-12/19

**HIST 107 Political and Social History of the United States** 3 Units
Strongly recommended: ENGL 100.
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
20533 Solheim, B. HRS-ARRG 08/29-12/19

**HIST 108 Political and Social History of the United States** 3 Units
Strongly recommended: ENGL 100.
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
20533 Solheim, B. HRS-ARRG 08/29-12/19

**HIST 127 Spanish Civilization** 3 Units
Strongly recommended: READ 099 if required by reading placement exam or if required by reading level. Spanish Life and Culture provides an interdisciplinary global understanding of the culture and history of Spain. The course critically analyzes contemporary Spanish society by examining the social and historical traditions and institutions that shape the Spanish way of life in the 20th century. This course is the same as SPAN 127. 54 lecture hours. CSU
21851 Azlazi, A. HRS-ARRG 08/29-12/19

**HIST 139 History of California** 3 Units
Strongly recommended: ENGL 100.
A survey of the political, social and economic development of the State of California from early Pre-Columbian American Indian communities and Spanish settlements to the present. 54 lecture hours. CSU UC
21364 Waddington, B. HRS-ARRG 08/29-12/19

**MATH 130 Elementary Algebra** 4 Units
Prerequisite: Placement based on multiple assessment measures or completion of MATH 029 with min. grade of C.
Strongly recommended: READ 099 if required by reading placement exam or if required by reading level. Fundamental operations with polynomials and rational expressions, products and factoring, linear and quadratic equations in one variable, inequalities, exponents, radicals, graphing linear equations, systems of equations, applications and introduction to functions. 90 lecture hours.
22132 Medrano, E. HRS-ARRG 08/29-12/19

**HIST 103 History of World Civilization up to 1500 B.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. CSU UC
20438 Lubisich, S. HRS-ARRG 08/29-12/19

**DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de**
Note: Course Dates indicate Beginning and Ending Dates

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<th>CRN</th>
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<tr>
<td>MATH 150 Intermediate Algebra 5 Units</td>
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<td>Prerequisite: MATH 130.</td>
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<td>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 148 or 149. STUDENTS MAY NOT EARN MORE THAN A TOTAL OF FIVE UNITS IN ANY COMBINATION OF MATH 148, 149 AND 150.</td>
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<td>20914 Swatzel, J. HRS-ARRG 08/29-12/19</td>
<td>DISTANCE EDUCATION CLASS After registering go to <a href="http://www.citruscollege.edu/de">www.citruscollege.edu/de</a></td>
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<td>22036 Trad, M. HRS-ARRG 08/29-12/19</td>
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<td>MATH 165 Introductory Statistics 4 Units</td>
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<td>Prerequisite: MATH 149 or MATH 150.</td>
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<td>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</td>
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<td>21277 Tippins, R. HRS-ARRG 08/29-12/19</td>
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<td>MATH 170 College Algebra 3 Units</td>
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<td>Prerequisite: MATH 149 or MATH 150.</td>
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<td>Polynomial, rational, exponential, and logarithmic functions; matrices and determinants; theory of equations; analytic geometry, and mathematical induction. 54 lecture hours. CSU UC</td>
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<td>21278 Tippins, R. HRS-ARRG 08/29-12/19</td>
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Music - History and Theory

MUS 110 History of Music I 3 Units

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

20799 Langford, W. HRS-ARRG 08/29-12/19
DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de
MANDATORY ON-CAMPUS ORIENTATION, please consult web site for date and location.

MUS 114 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 majors. Required for music majors. 54 lecture hours. CSU UC

20929 Langford, W. HRS-ARRG 08/29-12/19
DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de
MANDATORY ON-CAMPUS ORIENTATION, please consult web site for date and location. After registering go to www.citruscollege.edu/de
Second Eight Weeks

Nursing - Vocational

VNRS 165 Growth and Development: Young Adult-Elderly 1 Units

Prerequisite: VNRS 150, 151L, 152, 153, 154, 155.
Corequisite: Concurrent enrollment required in VNRS 160, 161L, 162, 163, 164. Nursing assessment and promotion of health of the adult through life. Theoretical principles of growth and development. 18 lecture hours. 22036 Trad, M. HRS-ARRG 08/29-12/19
DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de
Second Eight Weeks

VNRS 183 Leadership in Nursing 3 Units

Corequisite: VNRS 170, 171L, 172, 173.
Prerequisite: VNRS 160, 161L, 162, 163, 164, 165.
Teaches advanced nursing students in the theory needed to perform skills and procedures used by nursing team leaders in a clinical setting. 36 lecture hours, 54 lab hours.
21808 Tucker, G. HRS-ARRG 08/29-12/19
DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de
Lecture section only. Lab section also required.

Office Tech & Computer Apps

OFF 260 Computer Keyboarding and Document Processing 3 Units

Strongly recommended: READ 099 if required by reading placement exam or if required by reading level.
This course introduces skills and techniques fundamental to touch keyboarding on a microcomputer. This course also introduces document processing of letters, memos, and tables and is open to students with no previous computer experience. 54 lecture hours, 36 lab hours. CSU UC

20296 James, R. HRS-ARRG 08/29-12/19
James, R. HRS-ARRG 08/29-12/19
DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de
MANDATORY ON-CAMPUS ORIENTATION/Blackboard/CCC Confer/or software usage Monday, August 31, 2009 at 5:00-6:00PM in LB 201

Philosophy

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

20463 Call, J. HRS-ARRG 08/29-12/19
DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de

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

20073 Gomez, S. HRS-ARRG 08/29-12/19
DISTANCE EDUCATION HYBRID CLASS After registering go to www.citruscollege.edu/de
Class will meet on campus the following Mondays: September 14, 21 October 5, 12 and December 7. 4:00 - 5:30 pm in PE 808.
20066 Brawner, M. HRS-ARRG 10/26-12/19
DISTANCE EDUCATION HYBRID CLASS On-Campus visits required.
After registering go to www.citruscollege.edu/de - Second Eight Weeks
Class will meet on campus the following Tuesdays: October 27, November 3, 10, 17 and December 1, 8. 6:00 - 8:00 pm in AQ 871.

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

20076 Gomez, S. HRS-ARRG 08/29-12/19
DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de
21465 Hartman, S. HRS-ARRG 08/29-12/19
DISTANCE EDUCATION CLASS On-Campus visits required. Class will Meet Mondays in PE 808 From 7:00 pm - 8:15 pm.
20176 Hartman, S. HRS-ARRG 10/26-12/19
DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de
Second Eight Weeks

Register online at citruscollege.edu/ar WingSpan Registration Help Desk (626) 914-8833 Admissions and Records office (626)
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<th>Course</th>
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<tr>
<td>PE 173</td>
<td>Nutrition for Fitness</td>
<td>3 Units</td>
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<td>First-Aid Responding To Emergencies</td>
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<td>POLI 103</td>
<td>American Government and Politics</td>
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<td>Introduction to Psychology</td>
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<td>PSY 205</td>
<td>Developmental Psychology</td>
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<td>PSY 223</td>
<td>Survey of Drug and Alcohol Use and Abuse</td>
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<td>PSY 225</td>
<td>Psychology of Human Sexuality</td>
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<td>PUB 151</td>
<td>Street Construction and Maintenance</td>
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<td>READ 099</td>
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**REAL 210  Real Estate Principles  3 Units**  
Strongly recommended: READ 099 if required by reading placement exam or if required by reading level.  
A basic course for those who plan to enter the real estate field vocationally or who desire a background in the subject. Topics include: economics, history, financing, deeds, leases, and partial preparation for California Real Estate Salesperson License Examination. 54 lecture hours. CSU

**SOC 114 Mariage, 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. Course includes seminar discussions oriented toward understanding these influences as they relate to the individual. 54 lecture hours. CSU

**SOC 118 Minorities in America  3 Units**  
Strongly recommended: READ 099 if required by reading placement exam or if required by reading level.  
This course gives an overview of the psychological, social, economic, and political aspects of minority groups in contemporary American culture. It will emphasize the relationships between these groups and the dominate culture. 54 lecture hours. CSU UC

**SOC 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

**SOC 202 Contemporary Social Problems  3 Units**  
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

**SPAN 127 Spanish Civilization  3 Units**  
Strongly recommended: READ 099 if required by reading placement exam or if required by reading level.  
Spanish Civilization provides an interdisciplinary global understanding of the culture and history of Spain. The course critically analyzes contemporary Spanish society by examining the social and historical traditions and institutions that shape the Spanish way of life in the 20th century. This course is the same as HIST 127. 54 lecture hours. CSU UC

**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

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