## Accounting

**ACCT 100** Accounting 4 Units

- Strongly recommended: ENGL 099 if required by English placement exam or if required by English level.
- The course covers the history of accounting in business and the impact of decision-making processes on the business environment. It 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. This course will include how to record, process and report on the business transactions and events.

### CRN 40520

- Instructor: Borja, P.
- Days: MTWR
- Time: 10:45 AM-12:50 PM
- Room: LB 310
- CRN: 40520

### CRN 40521

- Instructor: Smolin, R.
- Days: MTWR
- Time: 10:45 AM-12:50 PM
- Room: LB 310
- CRN: 40521

## Administration of Justice

**AJ 101** Introduction to the Administration of Justice 3 Units

- Strongly recommended: ENGL 099 if required by English placement exam or if required by English level.
- The course covers the history of administration of justice in America; recapitulation of the system; identifying the various sub-systems; role expectations, and their importance.

### CRN 40996

- Instructor: Dennis, P.
- Days: MTWR
- Time: 10:45 AM-12:50 PM
- Room: LB 310
- CRN: 40996

## Architecture

**ARCH 100** Introduction to Architecture 3 Units

- Strongly recommended: ENGL 099 if required by English placement exam or if required by English level.
- The introductory course for students interested in exploring the fields of architecture and architectural technology and developing a working knowledge of planning and design.

### CRN 40990

- Instructor: Anfiteatro, A.
- Days: MTWR
- Time: 10:45 AM-12:50 PM
- Room: TE 153
- CRN: 40990

## Art

**ART 101** Art History and Appreciation-Ancient 3 Units

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

### CRN 40720

- Instructor: Johnson, S.
- Days: MTWR
- Time: 10:45 AM-12:50 PM
- Room: LB 310
- CRN: 40720

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Register online at citruscollege.edu/ar  WingSpan Registration Help Desk (626) 914-8833  Admissions and Records office (626) 914-8877
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<tr>
<td>ART 103</td>
<td>Art History and Appreciation - Renaissance to Rococo</td>
<td>3 Units</td>
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<tr>
<td>ART 111</td>
<td>Beginning Drawing</td>
<td>3 Units</td>
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<tr>
<td>ART 130</td>
<td>Beginning Painting</td>
<td>3 Units</td>
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<td>ART 131</td>
<td>Intermediate Painting</td>
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<td>ART 150</td>
<td>Computer Art Basics</td>
<td>3 Units</td>
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<td>ART 199</td>
<td>Motion Picture Appreciation</td>
<td>3 Units</td>
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<tr>
<td>ART 230</td>
<td>Advanced Painting</td>
<td>3 Units</td>
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**ART 103**

*Title:* Art History and Appreciation - Renaissance to Rococo

*Description:* Strongly recommended: ENGL 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. It is concerned with both the history of art and the fundamentals of the appreciation of art. 54 lecture hours. CSU UC

**ART 111**

*Title:* Beginning Drawing

*Description:* Strongly recommended: ENGL 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

**ART 130**

*Title:* Beginning Painting

*Description:* An objective approach to form, space, and color concepts using oil or acrylic paint. Includes critical examination of paintings for technical and aesthetic concerns, content, and historical/cultural influences. 36 lecture hours, 72 lab hours. CSU UC

**ART 131**

*Title:* Intermediate Painting

*Description:* Prerequisite: ART 130. Development of expressive painting concepts and techniques in oil and acrylic with emphasis on historical, theoretical, and cultural meanings. Standard painting media. 36 lecture hours, 72 lab hours. CSU UC

**ART 150**

*Title:* Computer Art Basics

*Description:* 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. Operating system, printers, scanners, and digital cameras are also explored in this course. Material fee. 36 lecture hours, 72 lab hours. CSU UC

**ART 199**

*Title:* Motion Picture Appreciation

*Description:* Strongly recommended: ENGL 099 if required by English placement exam or if required by English level. An introductory course in which the student will learn how to analyze films on technical, aesthetic, and thematic levels. Historically significant films will be used as source material. 54 lecture hours. CSU UC

**ART 230**

*Title:* Advanced Painting

*Description:* Prerequisites: ART 130 and ART 131. Personalized exploration of expressive painting concepts and techniques in oil and acrylic paint. Includes critical examination of paintings for technical and aesthetic concerns, content, and historical/cultural influences. 36 lecture hours, 72 lab hours. CSU

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**AUTO 101**

*Title:* Fundamentals of Automotive Service, Diagnosis and Repair

*Description:* Prerequisite: ENGL 099 and MATH 029 or placement is based on multiple assessment measures. Corequisite: Must be enrolled in one course from the AUTO 230 series. 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 automobile inspection, service and repair are included. 90 lecture hours, 60 lab hours. CSU

**AUTO 166**

*Title:* Automotive Electrical & Electronic Systems II

*Description:* Prerequisite: AUTO 156. Strongly recommended: ENGL 099 if required by English placement exam or if required by English level. Also, MATH 030 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

**AUTO 167**

*Title:* Automotive HVAC Service, Diagnosis & Repair

*Description:* Prerequisite: AUTO 156. Strongly recommended: ENGL 099 if required by English placement or if required by English level. Also, MATH 030 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

**AUTO 100**

*Title:* Automotive Technology and Maintenance for the Consumer

*Description:* Intended for non-majors. Automobiles and light trucks will be explained from the point of view of the consumer. Operation of essential automotive technologies is central to the course goal of skill development in the inspection of various automobile systems for needed repairs and/or maintenance performed by the end-user. Appropriate lab activities in automobile inspection, service and repair are included. 54 lecture hours, 18 lab hours. CSU

**DISTANCE EDUCATION CLASS**

After registering go to www.citruscollege.edu/de
Biology

BIOL 102 Human Genetics 3 Units
Prerequisite: MATH 030. Strongly recommended: ENGL 099 if required by English placement or if required by English level.

BIOL 104 Biology: Contemporary Topics 3 Units
Strongly recommended: ENGL 099 if required by English placement or if required by English 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

BIOL 105 General Biology 4 Units
Strongly recommended: ENGL 099 if required by English placement or if required by English level. Also, MATH 030, and high school biology or chemistry. 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 UC

BIOL 200 Human Anatomy 4 Units
Prerequisite: BIOL 105 or BIOL 124. 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

BUS 146 Personal Finance 3 Units
Strongly recommended: ENGL 099 if required by English placement or if required by English level. The 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. CSU UC

Chemistry

BIOL 145 Environmental Science 3 Units

Register online at citruscollege.edu/ar  WingSpan Registration Help Desk (626) 914-8833  Admissions and Records office (626) 914-8800 7/24/2015
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<td>MWR</td>
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<td>06/22-07/31</td>
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**Communications**

**COMM 101 Reporting and Writing News**

3 Units

- **Prerequisite:** ENGL 099 if required by English placement or if required by English level.
- **Description:** An introduction to defining, gathering, and writing the news. Stresses accuracy, objectivity, fairness, and balance. Practice in interviewing techniques, following rules of professional style, and writing basic news story structures for print, broadcast and online publications. Discussion of issues involving press rights and responsibilities, cultural sensitivity, taste, libel, and ethics. Required of all communication and journalism majors. 54 lecture hours. CSU

**Computer Information Systems**

**CIS 107 Information Systems and Applications**

4 Units

- **Prerequisite:** CSCI 107. Also, ENGL 099 if required by English placement or if required by English level.
- **Description:** 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

**CIS 130 Microcomputer Applications I**

4 Units

- **Prerequisite:** CSCI 107. Also, ENGL 099 if required by English placement or if required by English level.
- **Description:** 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, personal information management and an introduction to the Windows OS. This course prepares the student to take the Microsoft Office User Specialist certification exam. 72 lecture hours. CSU

**Child Development**

**CHLD 120 Literacy for Children**

3 Units

- **Prerequisite:** ENGL 099 if required by English placement or if required by English level.
- **Description:** 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.

**CHLD 130 Infant Development and Group Care**

3 Units

- **Prerequisite:** ENGL 099 if required by English placement or if required by English level.
- **Description:** 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 safety and health requirements of the state and county are included. 54 lecture hours. CSU

**CHLD 191 Administration of Early Childhood Education Programs II**

3 Units

- **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.
- **Description:** 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.

**Cosmetology**

**CS 225 Object Oriented Programming**

3 Units

- **Prerequisite:** CS 111 and MATH 142 or MATH 150.
- **Description:** This course introduces the discipline of computer science using a high level language utilizing programming and practical hands-on problem solving. Topics include the use of functions and parameter passing, simple I/O, control structures, user-defined data types, arrays, searching and sorting, algorithms and debugging strategies, data abstraction, concept of types and software development methods. 54 lecture hours, 18 lab hours. CSU UC

- **CRN:** 40989
  - **Instructor:** Solis, R.
  - **HRS-ARRG:** 06/22-07/31
  - **DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de**

**Computer Science**

**CS 111 Introduction to Programming Concepts and Design**

4 Units

- **Prerequisite:** CSCI 107. Also, ENGL 099 if required by English placement or if required by English level.
- **Description:** An introduction to the principles of computer programming and software development. Topics covered include the program development cycle, developing algorithms, data and control structures, structured programming, and object-oriented programming. Data types, expressions, control structures, functions, file and stream I/O, and structured and abstract data types are introduced in this course. Microsoft's Visual Studio to help illustrate programming concepts common to modern high-level programming languages. Students must wait two years before retaking this course. 72 lecture hours. CSU UC

- **CRN:** 40988
  - **Instructor:** Solis, R.
  - **HRS-ARRG:** 06/22-07/31
  - **DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de**
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### Counseling

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### Dance

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### Drafting - Mechanical

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Register online at citruscollege.edu/ar  WingSpan Registration Help Desk (626) 914-8833  Admissions and Records office (626) 914-8833
DRAFT 160 Intermediate Computer Aided Design (CAD) 2.5 Units

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

- CRN: 41045
- Instructor: Cortez, B.
- Days: MTW
- Time: 11:00 AM-11:50 AM
- Room: ED 224
- Lecture and lab sections.

ESCI 130 Physical Oceanography 3 Units

- CRN: 40185
- Instructor: Dougall, N.
- Days: MTW
- Time: 08:30 AM-09:35 AM
- Room: LB 307
- Lecture and lab sections.

Earth Science

ECON 101 Principles of Macroeconomics 3 Units

- CRN: 40540
- Instructor: Telesca, L.
- Days: MTW
- Time: 08:30 AM-10:35 AM
- Room: LB 307
- Lecture and lab sections.

Economics

ENGL 099 Introduction to Reading and Composition 5 Units

- CRN: 40307
- Instructor: Lawrence, P.
- Days: M
- Time: 09:00 AM-12:30 PM
- Room: P1 103
- Lecture and lab sections.

- CRN: 40527
- Instructor: Gunderson, M.
- Days: M
- Time: 09:00 AM-11:35 AM
- Room: LB 305
- Lecture and lab sections.

- CRN: 40526
- Instructor: Myrtetus, J.
- Days: M
- Time: 01:00 PM-03:00 PM
- Room: LB 309
- Lecture and lab sections.

- CRN: 40535
- Instructor: Dunn, R.
- Days: M
- Time: 10:45 AM-12:50 PM
- Room: LB 307
- Lecture and lab sections.

- CRN: 40536
- Instructor: Myrtetus, J.
- Days: M
- Time: 01:00 PM-04:00 PM
- Room: LB 307
- Lecture and lab sections.

- CRN: 40539
- Instructor: Eiland, T.
- Days: M
- Time: 08:30 AM-10:35 AM
- Room: LB 304
- Lecture and lab sections.

- CRN: 40541
- Instructor: Eisel, R.
- Days: M
- Time: 08:30 AM-10:35 AM
- Room: LB 307
- Lecture and lab sections.

- CRN: 40542
- Instructor: Davis, J.
- Days: M
- Time: 10:45 AM-12:50 PM
- Room: LB 307
- Lecture and lab sections.

- CRN: 40543
- Instructor: Eisel, R.
- Days: M
- Time: 11:00 AM-11:50 AM
- Room: ED 224
- Lecture and lab sections.

- CRN: 40544
- Instructor: Ramos, C.
- Days: M
- Time: 01:00 PM-03:00 PM
- Room: LB 307
- Lecture and lab sections.

- CRN: 40545
- Instructor: Ramos, C.
- Days: M
- Time: 07:00 PM-09:50 PM
- Room: LB 307
- Lecture and lab sections.

- CRN: 40530
- Instructor: Myrtetus, J.
- Days: M
- Time: 05:00 PM-09:50 PM
- Room: LB 309
- Lecture and lab sections.

- CRN: 40531
- Instructor: Van Citters, B.
- Days: M
- Time: 08:00 AM-12:50 PM
- Room: LB 307
- Lecture and lab sections.

- CRN: 40526
- Instructor: Myrtetus, J.
- Days: M
- Time: 09:00 AM-11:35 AM
- Room: LB 309
- Lecture and lab sections.

- CRN: 40527
- Instructor: Gunderson, M.
- Days: M
- Time: 09:00 AM-11:35 AM
- Room: LB 305
- Lecture and lab sections.

- CRN: 40526
- Instructor: Myrtetus, J.
- Days: M
- Time: 01:00 PM-03:00 PM
- Room: LB 309
- Lecture and lab sections.

- CRN: 40530
- Instructor: Myrtetus, J.
- Days: M
- Time: 05:00 PM-09:50 PM
- Room: LB 309
- Lecture and lab sections.

- CRN: 40531
- Instructor: Van Citters, B.
- Days: M
- Time: 08:00 AM-12:50 PM
- Room: LB 307
- Lecture and lab sections.

ENGL 103 Composition and Critical Thinking 3 Units

- CRN: 40539
- Instructor: Eiland, T.
- Days: M
- Time: 08:00 AM-12:50 PM
- Room: LB 307
- Lecture and lab sections.

- CRN: 40541
- Instructor: Eisel, R.
- Days: M
- Time: 08:30 AM-10:35 AM
- Room: LB 307
- Lecture and lab sections.

- CRN: 40542
- Instructor: Davis, J.
- Days: M
- Time: 10:45 AM-12:50 PM
- Room: LB 307
- Lecture and lab sections.

- CRN: 40543
- Instructor: Eisel, R.
- Days: M
- Time: 11:00 AM-11:50 AM
- Room: ED 224
- Lecture and lab sections.

- CRN: 40544
- Instructor: Ramos, C.
- Days: M
- Time: 01:00 PM-03:00 PM
- Room: LB 307
- Lecture and lab sections.

- CRN: 40545
- Instructor: Ramos, C.
- Days: M
- Time: 07:00 PM-09:50 PM
- Room: LB 307
- Lecture and lab sections.

- CRN: 40530
- Instructor: Myrtetus, J.
- Days: M
- Time: 05:00 PM-09:50 PM
- Room: LB 309
- Lecture and lab sections.

- CRN: 40531
- Instructor: Van Citters, B.
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- Time: 08:00 AM-12:50 PM
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- Instructor: Myrtetus, J.
- Days: M
- Time: 05:00 PM-09:50 PM
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- Time: 05:00 PM-09:50 PM
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- Days: M
- Time: 08:00 AM-12:50 PM
- Room: LB 307
- Lecture and lab sections.

- CRN: 40530
- Instructor: Myrtetus, J.
- Days: M
- Time: 05:00 PM-09:50 PM
- Room: LB 309
- Lecture and lab sections.

- CRN: 40531
- Instructor: Van Citters, B.
- Days: M
- Time: 08:00 AM-12:50 PM
- Room: LB 307
- Lecture and lab sections.

- CRN: 40530
- Instructor: Myrtetus, J.
- Days: M
- Time: 05:00 PM-09:50 PM
- Room: LB 309
- Lecture and lab sections.

- CRN: 40531
- Instructor: Van Citters, B.
- Days: M
- Time: 08:00 AM-12:50 PM
- Room: LB 307
- Lecture and lab sections.
### English As A Second Language

#### ESL 020  English Language Skills II  3 Units
- **Prerequisite:** Placement is based on multiple assessment measures. A writing course for high-beginning English language students. Emphasis on production and comprehension of simple phrases, basic sentence construction, introductory paragraph writing skills and basic vocabulary. One of three core courses in ESL Level 2. **NOTE:** THE UNITS EARNED FOR THIS COURSE MAY NOT BE APPLIED TOWARD THE 60 UNITS FOR GRADUATION. 54 lecture hours, 9 lab hours.
- **CRN:** 40311
- **Instructor:** Lay, N.
- **Dates:** MTWR 09:10 AM-11:15 AM 06/22-07/30
- **Room:** ED 235
- **Days:** MT, W, R, F

#### ESL 024  Reading/Vocabulary II  2 Units
- **Prerequisite:** Placement is based on multiple assessment measures. A reading and vocabulary course for low-intermediate ESL students. The course is designed to help students expand their vocabulary through oral and written practice and improve their reading comprehension. One of three core courses in ESL Level 2. **NOTE:** THE UNITS EARNED FOR THIS COURSE MAY NOT BE APPLIED TOWARD THE 60 UNITS FOR GRADUATION. 36 lecture hours, 9 lab hours.
- **CRN:** 40312
- **Instructor:** Cruz Santoyo, M.
- **Dates:** MTWR 01:30 PM-02:45 PM 06/22-07/30
- **Room:** ED 247

#### ESL 026  Grammar Fundamentals II  2 Units
- **Prerequisite:** Placement is based on multiple assessment measures. A course for low-intermediate ESL students seeking to improve their grammatical accuracy in writing and speaking. Intensive review and practice of verb tenses, noun forms, adjectives, adverbs, and modals, in a communicative context. One of three core courses in ESL Level 2. **NOTE:** THE UNITS EARNED FOR THIS COURSE MAY NOT BE APPLIED TOWARD THE 60 UNITS FOR GRADUATION. 36 lecture hours, 9 lab hours.
- **CRN:** 40313
- **Instructor:** Lay, N.
- **Dates:** MTWR 11:35 AM-12:50 PM 06/22-07/30
- **Room:** ED 247

#### ESL 030  English Language Skills III  3 Units
- **Prerequisite:** ESL 020 or placement in ESL Level 3 on the Accuplacer assessment test. A writing course for low-intermediate English language students. Emphasis on production and comprehension of longer phrases, compound and complex sentence construction, low-intermediate paragraph writing skills and vocabulary. One of three core courses in ESL Level 3. **NOTE:** THE UNITS EARNED FOR THIS COURSE MAY NOT BE APPLIED TOWARD THE 60 UNITS FOR GRADUATION. 54 lecture hours, 9 lab hours.
- **CRN:** 40288
- **Instructor:** Lay, N.
- **Dates:** MTWR 09:10 AM-11:15 AM 06/22-07/30
- **Room:** ED 235

#### ESL 034  Reading/Vocabulary III  2 Units
- **Prerequisite:** Placement is based on multiple assessment measures or successful completion of ESL 024. A reading and vocabulary course for intermediate ESL students. The course is designed to help students further expand vocabulary and reading skills. Emphasis is on building vocabulary through oral and written practice and improving reading comprehension. One of three core courses in ESL Level 3. **NOTE:** THE UNITS EARNED FOR THIS COURSE MAY NOT BE APPLIED TOWARD THE 60 UNITS FOR GRADUATION. 36 lecture hours.
- **CRN:** 40289
- **Instructor:** Cruz Santoyo, M.
- **Dates:** MTWR 01:30 PM-02:45 PM 06/22-07/30
- **Room:** ED 247

#### ESL 036  Grammar Fundamentals III  2 Units
- **Prerequisite:** Placement is based on multiple assessment measures or successful completion of ESL 026. A course for low-intermediate ESL students seeking to improve their grammatical accuracy in written English. Intensive review and practice of meaning and use of syntactic structures such as verb tense, modals, noun and adjective forms, questions and negatives, passive voice, adverbs, and articles. One of three core courses in ESL Level 3. **NOTE:** THE UNITS FOR THIS COURSE MAY NOT BE APPLIED TOWARD THE 60 UNITS FOR GRADUATION. 36 lecture hours, 9 lab hours.
- **CRN:** 40290
- **Instructor:** Lay, N.
- **Dates:** MTWR 11:35 AM-12:50 PM 06/22-07/30
- **Room:** ED 247

### French

#### FREN 101  French I  5 Units
- **Strongly recommended:** ENGL 099 if required by English placement exam or if required by English level.
- **A course in elementary French grammar, vocabulary, and pronunciation which focuses on understanding, speaking, reading, and writing simple French and serves as an introduction to the geography, history, and culture of the French-speaking world.** 90 lecture hours. CSU UC
- **CRN:** 40713
- **Instructor:** Lefebvre, C.
- **Dates:** MTWR 08:00 AM-09:40 AM 06/22-07/30
- **Room:** EB 105

### German

#### GER 101  German I  5 Units
- **Strongly recommended:** ENGL 099 if required by English placement or if required by English level.
- **A course in elementary German grammar, vocabulary, and pronunciation which focuses on understanding, speaking, reading, and writing simple German and serves as an introduction to the geography, history, and culture of the German speaking world.** 90 lecture hours. CSU UC
- **CRN:** 41040
- **Instructor:** Keller, J.
- **Dates:** MTWR 08:00 AM-10:10 AM 06/22-07/30
- **Room:** NB 100

### Health Occupations
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<tr>
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**HIST 108H History of the United States since 1877 - Honors**

Prerequisite: ENGL 099 or placement is based on multiple measures. Requires: Student must be eligible for the Citrus College Honors Program or obtain a recommendation from an Honors instructor.

Strongly recommended: ENGL 101.

A survey of political, economic, diplomatic, and social development of the U. S. from 1876 to the present along with a survey of American historiography and the varying interpretations of these developments. This course meets the State requirement for American history and is designed for college transfer students. 54 lecture hours. CSU UC

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**Humanities**

**HUM 101 Humanities - Prehistory through the Medieval Period**

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

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

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<td>40869</td>
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<td>01:00 PM-03:50 PM</td>
<td>LB 310</td>
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**HUM 102 Humanities from the Renaissance through the 19th Century**

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

The humanistic studies are approached on four levels: art, music, literature, and philosophy. Begins with the Renaissance and moves to the 19th century period in the middle east and Europe. 54 lecture hours. CSU UC

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</table>

**Japanese**

**JPN 101 Japanese I**

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

A course in elementary Japanese grammar, vocabulary, and pronunciation which aims at understanding, speaking, reading, and writing simple Japanese and serves as an introduction to Japanese geography and culture. 90 lecture hours. CSU UC

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**Kinesiology - Activities**

**KIN 103 Golf**

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

This course will offer a non-competitive environment in which the student can develop the basic fundamentals of golf. Instruction will emphasize woods, long and short irons, bunker play, putting, golf terminology, rules and etiquette. 18 lecture hours, 18 lab hours. CSU UC

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<td>40584</td>
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<td>PE GI</td>
<td>06/22-07/31</td>
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</table>

**KIN 116 Yoga**

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. 18 lecture hours, 18 lab hours. CSU UC

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<td>40680</td>
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<td>40680</td>
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<td>06/22-07/31</td>
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</table>
Kinesiology - Fitness

KIN 148  Adapted Aquatic Exercises  1 Units
Prerequisite: Physician's written diagnosis of physical disability and exercise limitations.
This course is designed for the individual 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. 18 lecture hours, 18 lab hours. CSU UC
40298 Swatek, C.  MT 10:30 AM-11:45 AM AQ 122 06/22-07/31
Recommended for disabled students.

KIN 151  Body Conditioning  1 Units
Strongly recommended: ENGL 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
40265 Woodruff, C.  TR 10:15 AM-11:30 AM AP 110 06/22-07/31

KIN 152  Weight Training  1 Units
Strongly recommended: ENGL 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. 18 lecture hours, 18 lab hours. CSU UC
40587 Dinneen, G.  TR 10:25 AM-11:40 AM AP 101 06/22-07/31

KIN 159  Cardiovascular Training  1 Units
This course will offer a non-competitive 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. 18 lecture hours, 18 lab hours. CSU UC
40691 Dinneen, G.  MW 09:00 AM-10:15 AM AP 109 06/22-07/31

Kinesiology - Pro Prep

KIN 170  Fitness for Life  3 Units
Strongly recommended: ENGL 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
40300 Wurst, C.  MTWR 08:00 AM-10:05 AM FH 224 06/22-07/31
40435 McDonald, T.  MTWR 12:15 PM-02:20 PM PE 140 06/22-07/31

KIN 171  Health Science  3 Units
Strongly recommended: ENGL 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
40333 Woodruff, C.  MTWR 11:40 AM-01:45 PM AQ 100 06/22-07/31
40294 Hartman, S.  HRS-ARRG 06/22-07/31
DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de.
40987 Silva, A.  MTWR 10:15 AM-12:20 PM PE 138 06/22-07/31

KIN 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
40473 Shaw, N.  MTWR 09:25 AM-11:30 AM AQ 100 06/22-07/31
40432 Silva, A.  MTWR 12:30 PM-02:35 PM PE 138 06/22-07/31

KIN 177  First-Aid Responding To Emergencies  3 Units
Strongly recommended: ENGL 099 if required by English placement exam or if required by English level.
Complies with requirements as set forth by the American National Red Cross for first aid responding to emergencies. Students have the option to receive certification cards in Adult CPR/AED, Child and Infant CPR and First Aid. There is a lab fee to receive the certification that will be collected in class. 54 lecture hours. CSU UC
40864 Swatek, C.  MTWR 08:00 AM-10:05 AM PE 138 06/22-07/31
Additional fee required for Red Cross CPR card.

Kinesiology-Comp Athletics

KINC 130  Off Season Conditioning for Varsity Basketball  1 Units
Prerequisite: Must be a varsity college athlete/varsity college prospect or with coaches' permission.
This course provides intermediate and advanced instruction and practice in the skills and strategies of varsity basketball. This course may be taken four times. 54 lab hours. CSU UC
40679 Houston, K.  MTWR 02:30 PM-04:35 PM PE 101 06/22-07/31
Recommended for student athletes: Varsity Men's Basketball.
Course does not have Waitlist.
40693 Moore, L.  MTWR 03:00 PM-05:35 PM PE 102 06/22-07/31
Recommended for student athletes: Women's Varsity Basketball.
Course does not have Waitlist.

KINC 131  Off Season Conditioning for Varsity Volleyball  1 Units
Prerequisite: Must be a varsity college athlete/varsity college prospect or with coaches' permission.
This course provides intermediate and advanced instruction and practice in the skills and strategies of varsity volleyball. This course may be taken four times. 54 lab hours. CSU UC
40698 Jung, S.  MTWR 04:35 PM-06:00 PM PE 101 06/22-07/31
Recommended for student athletes: Women's Varsity Volleyball.
Course does not have Waitlist.

KINC 132  Off Season Conditioning for Varsity Soccer  1 Units
Prerequisite: Must be a varsity college athlete/varsity college prospect or with coaches' permission.
This course provides intermediate and advanced instruction and practice in the skills and strategies of varsity soccer. This course may be taken four times. 54 lab hours. CSU UC
40684 Dorman, B.  MTWR 03:00 PM-05:40 PM PE ST 06/22-07/31
Recommended for student athletes: Women's Varsity Soccer.
Course does not have Waitlist.
40685 Bruce-Oliver, F.  MTWR 05:00 PM-07:00 PM PE FP 06/22-07/31
Recommended for student athletes: Men's Varsity Soccer.
Course does not have Waitlist.

KINC 133  Off Season Conditioning for Varsity Water Polo  1 Units
Prerequisite: Must be a varsity college athlete/varsity college prospect or with coaches' permission.
This course provides intermediate and advanced instruction and practice in the skills and strategies of varsity water polo. This course may be taken four times. 54 lab hours. CSU UC
40699 Paschall, M.  MTWR 06:00 AM-08:20 AM AQ POOL 06/22-07/31
Recommended for student athletes: Women's Varsity Water Polo.
Course does not have Waitlist.

Recommended for student athletes: Men's Varsity Water Polo.
Course does not have Waitlist.
### Math

#### MATH 020 Arithmetic Fundamentals 1 Units
Strongly recommended: ENGL 099 if required by English placement or if required by English level.
The four basic operations of arithmetic on whole numbers, fractions, and decimals, with applications. Ratios, proportions, and percents with applications.
This course will be offered on a Pass/No Pass basis only. 54 lab hours. CSU

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#### MATH 029 Pre-Algebra 4 Units
Prerequisite: MATH 020 or placement is based on multiple assessment measures.
This course is designed to prepare a student for Elementary Algebra. Topics include a review of arithmetic, a study of signed numbers, an introduction to fundamental algebraic concepts, solving equations, and solving applied problems. NOTE: THE UNITS EARNED FOR THIS COURSE MAY NOT BE APPLIED TOWARD THE 60 UNITS FOR GRADUATION. 72 lecture hours.

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<td>40458</td>
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#### MATH 030 Elementary Algebra 4 Units
Prerequisite: Placement is based on multiple assessment measures or completion of MATH 029 with min. grade of C. Strongly recommended: ENGL 099 if required by English placement or if required by English 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.

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#### MATH 142 Beginning and Intermediate Algebra 5 Units
II
Prerequisite: MATH 032.
Rational, Radical, Quadratic, Exponential and Logarithmic Expressions, Functions, and Equations; Complex Numbers; Inverse Functions; Conic Sections. NOTE: The precollege algebra sequence is Math 029, 030, and 150 OR Math 029, 032, and 142. THIS COURSE MAY NOT BE TAKEN CONCURRENTLY WITH EITHER MATH 148, 149 OR 150. STUDENTS MAY NOT EARN MORE THAN A TOTAL OF FIVE UNITS IN ANY COMBINATION OF MATH 148, 149, AND 150. 90 lecture hours.

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#### MATH 150 Intermediate Algebra 5 Units
Prerequisite: MATH 030 or placement is 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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Course does not Waitlist.
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**Music - Education**

**MUSE 070 Foundational Rhythm Section Pedagogy**

Prerequisite: Audition. This course presents an introduction to fundamental rhythm section instrument functions. Basic preparation for college level ensemble rehearsal and performance environments. Included is an overview of rhythm section functions in various forms of music. Introductory musicianship, sight reading and theoretical concepts will be addressed. NOTE: THE UNITS EARNED FOR THIS COURSE MAY NOT BE APPLIED FOR THE 60 UNITS FOR GRADUATION. 36 lecture hours, 72 lab hours.

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<td>09:00 AM-11:10 AM</td>
<td>LL 101</td>
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</table>

**Non-Credit**

**NC 310 ESL: Grammar - Beginning 1**

ESL: Grammar - Beginning 1 teaches low-beginning English language learners introductory English grammar used in essential life functions. This course can be used to review or prepare for NC 305 - ESL Multiskills - Beginning 1. Open entry/exit.

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### Office Tech & Computer Apps

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<td>40128</td>
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</table>

**OFF 120 Microsoft Excel**

3 Units

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.

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**OFF 215 Microsoft Outlook**

2 Units

Strongly recommended: CIS 099.

An introduction to Microsoft Outlook scheduling and organizing program. Topics include creating and editing a calendar, contacts, task list, journal, notes, synchronizing personal digital assistant, and communicating with an electronic mail system. 36 lecture hours. CSU UC.

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### Philosophy

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**PHIL 101 Great Religions of the World**

3 Units

Strongly recommended: ENGL 099 if required by English level. The historical development, principal ideas and contributions of the world's religions. 54 lecture hours. CSU UC.

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</table>

**PHIL 106 Introduction to Philosophy**

3 Units

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

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</table>
### Physics

**PHYS 110 Introduction to College Physics**  
3 Units

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

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

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### Political Science

**POLI 103 American Government and Politics**  
3 Units

Strongly recommended: ENGL 099 if required by English placement or if required by English 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. CSU UC

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<td>40471</td>
<td>Ross, G.</td>
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<td>41066</td>
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<td>LB 301</td>
<td>06/22-07/31</td>
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### Psychology

**PSY 101 Introduction to Psychology**  
3 Units

Strongly recommended: ENGL 099 if required by English placement exam or if required by English 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 classroom environment. 54 lecture hours. CSU UC

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### Real Estate

**REAL 210 Real Estate Principles**  
3 Units

Strongly recommended: ENGL 099 if required by English placement or if required by English 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: contracts, economics, history, financing, deeds, leases, and partial preparation for California Real Estate Salesperson License Examination. 54 lecture hours. CSU UC

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### Sociology

**SOC 114 Marriage, Family, and Intimate Relations**  
3 Units

Strongly recommended: ENGL 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

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### Spanish

Spanish

Register online at citruscollege.edu/ar
SPAN 101  Spanish I  5 Units
Strongly recommended: ENGL 099.
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
40056 Garate, E. MTWR 06:00 AM-11:30 AM TC 127 06/22-07/31
40036 Atzall, A. MTWR 09:00 AM-12:30 PM LB 108 06/22-07/31

SPAN 102  Spanish II  5 Units
Prerequisite: SPAN 101 or two years of high school Spanish.
Strongly recommended: ENGL 099.
A further study of elementary Spanish grammar and vocabulary which develops understanding, speaking, reading and writing skills. Includes additional study of the cultural heritage of Spain and Latin America. 90 lecture hours. CSU UC
40057 McGarry, A. MTWR 06:00 AM-12:30 PM LB 108 06/22-07/31

Theatre Arts

THEA 101  Introduction to Theatre Arts  3 Units
Strongly recommended: ENGL 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
40591 Volonte, D. HRS-ARRG 06/22-07/31
DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/deg

THEA 125  Technical Theatre Production  3 Units
Strongly recommended: ENGL 099 if required by English placement or if required by English level.
A course in which students will gain practical experience while participating in a variety of productions in any of the following: construction crew, scenic crew, properties crew, costume crew, or running crew. 36 lecture hours, 54 lab hours arranged. CSU UC
40116 Volonte, D. TR 06:00 PM-08:50 PM VT 117 06/22-07/31
   +54 TOTAL ARRGD HRS

THEA 126  Technical Theatre Technician  3 Units
Prerequisites: THEA 120 and THEA 125 and THEA 140
A course in which students will gain practical experience while participating in a variety of live theatre productions in any of the following: lighting crew, sound crew, or rigging and automation crew. 36 lecture hours, 54 lab hours.
41113 Volonte, D. TR 06:00 PM-08:50 PM VT 117 06/22-07/31
   +54 total arrg hrs

THEA 160  Computer Aided Design for Theatre  4 Units
Prerequisite: THEA 126, THEA 145, THEA 150, THEA 226, THEA 255 and REC 135.
Entertainment design and technical production with an emphasis on the computer as a design and drafting tool. Applications include Vectorworks and Sketch-up. 54 lecture hours, 54 lab hours. CSU
41068 Holbrook, J. TR 06:00 PM-10:15 PM VT 320 06/22-07/31
   40113 Volonte, D. TR 06:00 PM-08:50 PM VT 117 06/22-07/31

THEA 221  Theatre Practicum/Special Projects I - Physical Life  3 Units
Prerequisite: Audition.
Strongly recommended: ENGL 099 if required by English placement or if required by English level.
Methods and techniques of storytelling using a variety of scripted material to enhance and enrich characterization. 18 lecture hours, 108 lab hours. CSU UC
40730 Vaughan, J. M 09:00 AM-12:05 PM VT 323 06/22-07/31
   40731 Shrope, D. M 09:00 AM-12:05 PM PA 133 06/22-07/31
   40734 Shrope, D. TR 09:00 AM-12:05 PM PA 133 06/22-07/31

TECHNICAL THEATRE DEPARTMENT CALL BOARD

ADDITIONAL INFORMATION:
ADMISSIONS AND RECORDS OFFICE 626-914-8833, THEATRE ARTS BUILDING 626-914-8834
WEBSITE: www.citruscollege.edu/deg/technoth.jpg
REGISTRATION HOURS: M-F 7:30 AM-3:30 PM, S-S 7:30 AM-12:00 PM
ON-CAMPUS ADVICE HOURS:
THEATRE ARTS BLDG 127  8:45 AM-4:45 PM M-TH
CITRUS COLLEGE

ADMISSIONS AND RECORDS OFFICE 626-914-8833, THEATRE ARTS BUILDING 626-914-8834
WEBSITE: www.citruscollege.edu/deg/technoth.jpg
REGISTRATION HOURS: M-F 8:00 AM-4:30 PM, S-S 8:00 AM-12:00 PM
ON-CAMPUS ADVICE HOURS:
THEATRE ARTS BLDG 127  8:45 AM-4:45 PM M-TH
CITRUS COLLEGE

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**THEA 290**  
Citrus Theatre Academy  
3 Units  
Requisite Skill: Proper stage presence and character interaction. Proper vocal articulation. Proficiency in acting technique appropriate to genre.  
Strongly recommended: ENGL 099 if required by English placement or if required by English level.  
Preparation, rehearsal and public performance of college sponsored productions in an organized summer theatre company. This course provides continuing development of acting, technical theatre and design skills for Citrus students. When appropriate, students have opportunities to work with outside professionals and learn the skills of an understudy. Participants selected by application and audition. 18 lecture hours, 108 lab hours. CSU UC  
40118 Brown, C.  
M 06:00 PM-09:05 PM PA 181 06/22-07/31  
Brown, C.  
M 09:15 PM-10:05 PM PA 181 06/22-07/31  
Brown, C.  
TWRF 06:00 PM-10:10 PM PA 181 06/22-07/31  
AUDITION REQUIRED. Details posted on the Theatre Arts call board. This course does not have a waitlist.

**THEA 291**  
Citrus Theatre Academy II  
3 Units  
Prerequisite: THEA 290 and Audition.  
An extension of the concepts as introduced in THEA 290. Within an organized summer theatre company, a deeper investigation of character development will include material from a variety of genres. A more in-depth personal contact with outside professionals when appropriate and the possibility of performing if cast as an understudy will occur. Participants selected by audition into the course. 18 lecture hours, 108 lab hours. CSU UC  
40738 Brown, C.  
M 06:00 PM-09:05 PM PA 181 06/22-07/31  
Brown, C.  
M 09:15 PM-10:05 PM PA 181 06/22-07/31  
Brown, C.  
TWRF 06:00 PM-10:10 PM PA 181 06/22-07/31  
AUDITION REQUIRED. Details posted on the Theatre Arts call board. This course does not have a waitlist.

**THEA 295**  
Summer Concert Touring Production  
7 Units  
Prerequisite(s): Interview.  
A course in the technical planning, and execution of a live concert performance.  
72 lecture hours, 126 lab hours arranged. CSU  
40732 Volonte, D.  
MTWRF 09:00 AM-10:10 AM VT 117 06/15-08/15  
INTERVIEW REQUIRED. + 162 TOTAL ARRGD HRS

**THEA 296**  
Summer Concert Touring Production  
3 Units  
Prerequisite: Departmental approval required.  
A course in the technical planning and execution of a live concert performance.  
54 lecture hours,  
41078 Volonte, D.  
MTWFS 09:00 AM-09:50 AM  
INTERVIEW REQUIRED

**THEA 297**  
Summer Concert Touring Production Practicum  
4 Units  
Prerequisite: Interview.  
A course in the technical execution of a live concert performance.  
18 lecture hours, 162 arranged hours.  
41079 Volonte, D.  
MT 09:00 AM-09:50 AM VT 117 06/15-08/15  
INTERVIEW required. + 162 TOTAL ARRGD HRS