## Accounting

<table>
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<tr>
<th>CRN</th>
<th>Instructor</th>
<th>Days</th>
<th>Time</th>
<th>Room</th>
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<tbody>
<tr>
<td>ACCT 100</td>
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<td>4 Units</td>
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<td>ACCT 102</td>
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<td>ACCT 110</td>
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### Administration of Justice

<table>
<thead>
<tr>
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<th>Days</th>
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<tbody>
<tr>
<td>AJ 101</td>
<td>Introduction to the Administration of Justice</td>
<td>3 Units</td>
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### Schedule of Credit Classes - Summer 2017

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

<table>
<thead>
<tr>
<th>CRN</th>
<th>Instructor</th>
<th>Days</th>
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<th>Room</th>
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<tbody>
<tr>
<td>ART 199</td>
<td>Motion Picture Appreciation</td>
<td>3 Units</td>
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<td>Lipp, G.</td>
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<td>MTWR</td>
<td>08:40 AM-10:55 AM VA 132</td>
<td>06/26-08/02</td>
</tr>
</tbody>
</table>

#### Automotive - Auto, Lt Truck

**AUTO 101** Fundamentals of Automotive Service, Diagnosis and Repair

- **Prerequisite:** ENGL 098 (or higher), MATH 029 (or higher) or by department consent.
- **Intended for:** automotive majors. This course introduces the foundations for all automotive certificate and degree-applicable courses. Fundamentals of automotive service, diagnosis and repair are included. 90 lecture hours, 60 lab hours. CSU

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<tr>
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<th>Days</th>
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<tr>
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<td>06/26-08/02</td>
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<td>MTWR</td>
<td>08:40 AM-10:55 AM VA 132</td>
<td>06/26-08/02</td>
</tr>
</tbody>
</table>

**AUTO 163** Manual Drivetrain

- **Prerequisite(s):** Automotive Service, Diagnosis and Repair.
- **Course covers:** operations, diagnosis, and repair of manual transmissions, drive axle and shaft assemblies, transfer cases, clutches, and electrical and electronic systems. 4.5 lecture hours, 2 lab hours. CSU

**AUTO 166** Automotive Electrical & Electronic Systems II

- **Prerequisite:** Automotive Service, Diagnosis and Repair.
- **Strongly recommended:** ENGL 099 (or higher) if required by English placement exam or if required by English level.
- **Intended for:** national automotive technicians. This course teaches the fundamentals of automotive systems, including electronic and electrical aspects. 4.5 lecture hours, 2 lab hours. CSU

<table>
<thead>
<tr>
<th>CRN</th>
<th>Instructor</th>
<th>Days</th>
<th>Time</th>
<th>Room</th>
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<td>W</td>
<td>08:00 AM-11:15 AM TD 131</td>
<td>06/26-08/02</td>
</tr>
</tbody>
</table>

**AUTO 230A** Automotive Service and Repair Work Experience A

- **1 Unit**

**AUTO 295** Engine Design

- **Prerequisite:** ENGL 099 if required by English placement exam or if required by English level.
- **Course covers:** basic and advanced engine design formulas. 6 lecture hours, 9 lab hours. CSU

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<thead>
<tr>
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<th>Days</th>
<th>Time</th>
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<tbody>
<tr>
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<td>MT</td>
<td>06:00 PM-09:30 PM PC 104</td>
<td>06/26-08/02</td>
</tr>
</tbody>
</table>

**AUTO 695C** Special Topics: Automotive Technology

- **This course covers:** special and emerging topics not found in other courses within the discipline. Topics vary and are determined by the department. 36 lecture hours.

<table>
<thead>
<tr>
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<td>06/26-08/02</td>
</tr>
</tbody>
</table>

### Biology

**Biology**

- **Course covers:** essential HVAC system theory; inspection, maintenance and light repair. 36 lecture hours.

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<tr>
<th>CRN</th>
<th>Instructor</th>
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<th>Room</th>
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</thead>
<tbody>
<tr>
<td>41328</td>
<td>Rubio, M.</td>
<td>MT</td>
<td>06:00 PM-07:30 PM TE 104</td>
<td>06/26-08/18</td>
</tr>
</tbody>
</table>

Register online at citruscollege.edu/ar WingSpan Registration Help Desk (626) 914-8833 Admissions and Records office (213) 732-3121
BIOL 102  Human Genetics  3 Units
Prerequisite: MATH 030 or higher.
Strongly recommended: ENGL 099 if required by English placement exam or if required by English level.
General principles of genetics and reproduction in wellness and disease as applied to human beings. Topics include Mendelian inheritance, variations on Mendelian inheritance, multifactorial traits, DNA structure, function, and replication, cell division, population genetics, evolution, immunity, cancer, and genetic technologies. 54 lecture hours. CSU UC

BIOL 104  Biology: Contemporary Topics  3 Units
Strongly recommended: ENGL 099 if required by English placement exam 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 fundamental concepts 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: MATH 030, and high school biology or chemistry; ENGL 099 if required by English placement exam or if required by English level.
A general biology lecture 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 124  MATH 030 or MATH 032;  ENGL 099 if required by English placement exam or if required by English level.

BIOT 107 or BIOT 108 or BIOL 104 or BIOL 105 or BIOL 124;  MATH 030 or MATH 032;  ENGL 099 if required by English placement exam or if required by English level.

This course introduces students to scientific instrumentation and techniques employed in the biotechnology industry. The course includes a significant laboratory component focused on laboratory safety, operation of standard equipment, industry documentation practices, laboratory math, preparation of chemical solutions, aseptic technique, and DNA isolation and manipulation. Students will gain an appreciation for the diversity of biotechnology companies in our region and local workforce trends. Good communication, teamwork, and work-readiness skills are emphasized. 36 lecture hours, 162 lab hours. CSU UC

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

BUS 132  Ethics in Business  3 Units
Strongly recommended: ENGL 099 if required by English placement exam or if required by English level.
This course emphasizes development of managerial decision-making skills utilizing ethical business standards for improvement of business organizations, communities, government, and international trade. 54 lecture hours. CSU UC
### Chemistry

<table>
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<tr>
<th>CRN</th>
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<th>Days</th>
<th>Time</th>
<th>Room</th>
<th>Units</th>
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<td>MW</td>
<td>04:30-08:45 PM</td>
<td>PS 203</td>
<td>5</td>
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</table>

#### CHEM 103 College Chemistry

**Prerequisite:** MATH 030 or higher.

The first semester of a year program includes chemistry of inorganic compounds; covers topics of nomenclature, stoichiometry, bonding, chemical equations, gas laws, solutions, acids and bases, nuclear processes and chemical equilibrium. Required for students transferring to four-year college nursing programs and students majoring in physical therapy, occupational therapy, and home economics. 72 lecture hours, 72 lab hours.

**CSU UC:**

<table>
<thead>
<tr>
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<td>04:30-08:45 PM</td>
<td>PS 203</td>
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</table>

#### CHEM 110 Beginning General Chemistry

**Prerequisite:** MATH 142 or MATH 150 or higher; MATH 150 may be taken concurrently.

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

An introductory course in the fundamental principles of chemistry. Topics covered are those necessary for understanding chemical structure and reactivity, and for scientific calculations. There is an emphasis on laboratory work and communication skills. The course is designed for science and engineering majors, pre-medical students, and as a general education class.

54 lecture hours, 126 lab hours. CSU UC

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<tr>
<th>CRN</th>
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<th>Days</th>
<th>Time</th>
<th>Room</th>
<th>Units</th>
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<tr>
<td>4008</td>
<td>Farahani, B.</td>
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<td>MTWR</td>
<td>08:40 AM-12:30 PM</td>
<td>PS 113</td>
<td>5</td>
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</table>
## Computer Science

### CS 111 Introduction to Programming Concepts and Design

3 Units  
Strongly recommended: ENGL 099 if required by English placement exam or if required by English level.  
An introduction to the principles of computer programming and software development. Topics covered include 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  
040988 Solis, R. MTWRF 08:00 AM-11:25 AM ONLINE 06/26-08/02  
DISTANCE EDUCATION CLASS. For success tips, see www.citruscollege.edu/de.

### CS 225 Object Oriented Programming

3 Units  
Strongly recommended: CS 111. Also, MATH 142 or MATH 150.  
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  
040999 Solis, R. MTWRF 08:00 AM-11:25 AM ONLINE 06/26-08/02  
DISTANCE EDUCATION CLASS. For success tips, see www.citruscollege.edu/de.

## Cosmetology

### COS 141 Introduction to Cosmetology

11 Units  
Strongly recommended: ENGL 099 if required by English placement exam or if required by English level.  
This is the introductory course for students majoring in cosmetology. The course includes the exploration of a variety of subjects including haircutting, hairstyling, skin care, nail care, hair coloring, chemical texturizing and practical experience in cosmetology. Material fee. 144 lecture hours, 144 lab hours.  
40574 Bautista, S. MTWRF 09:00 AM-11:25 AM TC 208 06/26-08/18  
40578 Bautista, S. MTWRF 11:35 AM-02:00 PM TC 208 06/26-08/18  
Additional fees for the Cosmetology Program Kit are approximately $2000 plus a miscellaneous cost of $100. The Program Kit must be purchased on-line from the Owl Book Store link at time of registration or on the first day of class to be able to continue in the program. Call the department at 626-814-8710 for further questions.

### COS 161 Haircolor

8 Units  
Prerequisite: COS 141.  
This is the final phase in the completion of the esthetician program. This course provides students with basic salon management skills, sales, and client retention, as well as information required to pass the licensed exams. Students will focus on personal satisfaction and skilled habits to ensure success in the industry. 36 lecture hours, 79 lab hours.  
40218 Everett, A. MTWRF 07:30 AM-09:40 AM TC 104 06/26-07/21  
41018 Lahham, M. MTWRF 09:50 AM-02:55 PM TC 104 06/26-06/18  
41018 Lahham, M. MTWRF 05:30 PM-08:35 PM TC 104 06/26-06/18  
41018 Lahham, M. MTWRF 06:45 PM-09:50 PM TC 104 06/26-06/18  
40218 Everett, A. MTWRF 09:50 AM-02:55 PM TC 104 06/26-07/21  
41018 Lahham, M. MTWRF 05:30 PM-08:35 PM TC 104 06/26-06/18  
41018 Lahham, M. MTWRF 06:45 PM-09:50 PM TC 104 06/26-06/18

## Schedule of Credit Classes - Summer 2017

Note: Course Dates indicate Beginning and Ending Dates  
**M=Monday, T=Tuesday, W=Wednesday, R=Thursday, F=Friday, S=Saturday**  
<table>
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<tr>
<th>CRN</th>
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<td>Marris, M.</td>
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<td>40988</td>
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</tbody>
</table>

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

**Course:** Introduction to Dental Assisting  
**CRN:** 40140  
**Instructor:** Herrera, R.  
**Days:** HRS-ARRG  
**Time:** 06/26-08/18  
**Room:** ONLINE  

**Description:** This course provides an introduction to the role of the dental assistant. It includes the history of dental hygiene, basic dental terminology, medical emergencies, restorative procedures, dental care for the disabled, and preventive dental care. It integrates the intellectual, physiological, social, and psychological aspects of being a dental assistant.  

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

**Prerequisite:** COS 141.

#### Schedule of Credit Classes - Summer 2017

<table>
<thead>
<tr>
<th>CRN</th>
<th>Instructor</th>
<th>Days</th>
<th>Time</th>
<th>Room</th>
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<td>ONLINE</td>
<td>06/26-08/18</td>
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<td>HRS-ARRG</td>
<td>ONLINE</td>
<td>06/26-08/18</td>
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</table>

### Counseling

**Course:** Career/Life Planning  
**CRN:** 41003  
**Instructor:** Staff  
**Days:** MTWRF  
**Time:** 10:00 AM-03:10 PM  
**Room:** PC 209  

**Description:** This course is designed to give students the opportunity to create and change individual career plans. It focuses on personal exploration, research, and development of contemporary work issues. Students will increase their understanding of the job market and develop meaningful career plans.  

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

**Prerequisite:** COS 141.

### Earth Science

**Course:** Physical Oceanography  
**CRN:** 41338  
**Instructor:** Rodriguez, E.  
**Days:** MTW  
**Time:** 06:00 PM-08:25 PM  
**Room:** PC 304  

**Description:** This course studies marine geology and topography, physical processes within the marine environment, such as waves and currents, tides, sea-floor spreading, marine provinces, marine sediments, and environmental relationships. It is open to anyone wanting to explore the possibilities of a career in marine science and assist in the field.  

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

**Prerequisite:** COS 141.

### Drafting - Com Gen Imagery CGI

**Course:** Advanced Digital Design Tools  
**CRN:** 41334  
**Instructor:** Klein, D.  
**Days:** TWR  
**Time:** 09:00 AM-01:30 PM  
**Room:** PC 217  

**Description:** This course covers advanced digital design drawing and modeling tools, skills, and concepts actively used in concurrent design studios and industry. Assignments support concurrent design studio and industry activities with an emphasis on Building Information Modeling (BIM). It is designed to prepare students for employment.  

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

**Prerequisite:** DRAF 160.

### Drafting - Mechanical

**Course:** Beginning Computer Aided Design (CAD)  
**CRN:** 40572  
**Instructor:** Yu, J.  
**Days:** MTW  
**Time:** 09:00 AM-11:35 AM  
**Room:** PC 304  

**Description:** This course is a basic course for pre-engineering, pre-architecture students, and other students who have no previous Computer Aided Design (CAD) experience. It is designed to prepare students for employment.  

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

**Prerequisite:** DRAF 160.

### Dance

**Course:** History of Dance  
**CRN:** 41354  
**Instructor:** Klein, D.  
**Days:** T  
**Time:** 09:00 AM-04:15 PM  
**Room:** PC 217  

**Description:** This course surveys the history of dance, focusing on the Diaghilev Era, concluding with 20th Century dance including jazz, African-American influences, neo-classic ballet, modern, hip-hop and world dance.  

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

**Prerequisite:** COS 141.

### Dentistry

**Course:** Introduction to Dental Assisting  
**CRN:** 40725  
**Instructor:** Liskey, R.  
**Days:** T  
**Time:** 01:35 PM-04:50 PM  
**Room:** VT 323  

**Description:** This course introduces contemporary dance forms, such as ballet, modern, jazz, hip hop, and tap. It is designed to prepare students for employment.  

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

**Prerequisite:** COS 141.

### Economics

**Course:** Introduction to Economics  
**CRN:** 40444  
**Instructor:** Johnson, D.  
**Days:** TWR  
**Time:** 07:00 PM-10:10 PM  
**Room:** PS 107  

**Description:** This course introduces the principles of microeconomics and macroeconomics, the history of economic thought, and the role of government and institutions in the economy.  

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

**Prerequisite:** COS 141.
<table>
<thead>
<tr>
<th>CRN</th>
<th>Instructor</th>
<th>Days</th>
<th>Time</th>
<th>Room</th>
</tr>
</thead>
</table>
| 40307 | Hernandez, A.    | MTWR     | 07:30 AM-10:05 AM  | P1 103 | 06/26-08/18
| 41316 | Cross, C.        | MTWR     | 09:00 AM-12:50 PM  | ED 201 | 06/26-08/02
| 40527 | Gunderson, M.    | MTWR     | 10:15 AM-12:50 PM  | LB 305 | 06/26-08/18
| 41166 | Andreoli, B.     | MTWR     | 10:15 AM-12:50 PM  | P1 103  | 06/26-08/18
| 40526 | Gunderson, M.    | TWR      | 01:00 PM-04:35 PM  | LB 309  | 06/26-08/18
| 41187 | Phillips, R.     | TWR      | 01:00 PM-04:35 PM  | LB 305  | 06/26-08/18
| 40530 | Martinez, S.     | TWR      | 06:00 PM-09:35 PM  | LB 106  | 06/26-08/18
| 40531 | Van Citters, B.  | HRS-ARRG | ONLINE              | 06/26-08/18

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

### Schedule of Credit Classes - Summer 2017

<table>
<thead>
<tr>
<th>CRN</th>
<th>Instructor</th>
<th>Days</th>
<th>Time</th>
<th>Room</th>
</tr>
</thead>
</table>
| 40534 | Mitchell Lambert, J. | MTWR     | 08:10 AM-10:25 AM  | LB 304 | 06/26-08/02
| 41271 | White, J.        | MTWR     | 08:10 AM-10:25 AM  | ED 103  | 06/26-08/02
| 40012 | Nayyer, Z.       | MTWR     | 08:10 AM-10:25 AM  | P1 104  | 06/26-08/02
| 40535 | Rudd, R.         | MTWR     | 10:35 AM-12:50 PM  | LB 307  | 06/26-08/02
| 40062 | Joshua, S.       | MTWR     | 10:35 AM-12:50 PM  | LB 304  | 06/26-08/02
| 41043 | White, J.        | MTWR     | 10:35 AM-12:50 PM  | LB 309  | 06/26-08/02
| 40536 | Heyman, J.       | TWR      | 01:00 PM-04:10 PM  | LB 307  | 06/26-08/02
| 40219 | Overly, D.       | TWR      | 01:00 PM-04:10 PM  | NB 100  | 06/26-08/02
| 40489 | Joshua, S.       | TWR      | 01:00 PM-04:10 PM  | LB 304  | 06/26-08/02
| 41298 | Myrtetus, J.     | TWR      | 01:00 PM-04:10 PM  | LB 105  | 06/26-08/02
| 41299 | Camacho, S.      | TR       | 04:20 PM-09:30 PM  | ED 201  | 06/26-08/02
| 41167 | Philpot, C.      | TWR      | 06:00 PM-09:10 PM  | LB 308  | 06/26-08/02
| 40133 | Dau, C.          | HRS-ARRG | ONLINE              | 06/26-08/02

### Emer Mgmt and Homeland Sec

#### ENGL 098 English Fundamentals

<table>
<thead>
<tr>
<th>CRN</th>
<th>Instructor</th>
<th>Days</th>
<th>Time</th>
<th>Room</th>
</tr>
</thead>
</table>
| 40405 | Cortez, B.       | TWR      | 08:30 AM-09:35 AM  | ED 258  | 06/26-08/03
| 40406 | Cortez, B.       | TWR      | 09:45 AM-12:35 PM  | ED 258  | 06/26-08/03
| 40407 | Huver, J.        | TWR      | 01:00 PM-02:05 PM  | ED 258  | 06/26-08/03
| 40408 | Huver, J.        | TWR      | 02:15 PM-05:05 PM  | ED 258  | 06/26-08/03

| Lecture and lab sections. |

### ENGL 099 Introduction to Reading and Composition

<table>
<thead>
<tr>
<th>CRN</th>
<th>Instructor</th>
<th>Days</th>
<th>Time</th>
<th>Room</th>
</tr>
</thead>
</table>
| 41165 | Canton, J.       | MTWR     | 07:30 AM-10:05 AM  | LB 203  | 06/26-08/18

### Notes:

- **ECON 101 Principles of Macroeconomics**
  - **3 Units**
  - Prerequisite: MATH 030 or higher.
  - Strongly recommended: ENGL 099 if required by English placement exam or if required by English level.
  - Introduction to the theory of aggregate economic analysis. Emphasis is on demand and supply, market systems, national income accounting, business cycles, unemployment, inflation, economic growth, macroeconomic equilibrium, money and banking, and fiscal and monetary policy, international trade and finance. 54 lecture hours. CSU UC.

- **ECON 102 Principles of Microeconomics**
  - **3 Units**
  - Prerequisites: ECON 101 or ECON 101H; MATH 030 or higher.
  - Strongly recommended: ENGL 099 if required by English placement exam or if required by English level.
  - An introductory course focusing on decision making from the viewpoint of the individual consumer, worker and firm. Emphasis is on price analysis, efficient allocation of resources, production costs, market structures, labor markets, market failure and applications to current economic policy. 54 lecture hours. CSU UC.

- **ENGL 101 Reading and Composition**
  - **3 Units**
  - Prerequisite: Placement is based on multiple assessment measures or completion of ENGL 099 or ESL 100 with min. grade of C.
  - A college-level composition course emphasizing exposition, analysis, argument, and research techniques. Extensive writing practice based upon reading selections of culturally diverse fiction, non-fiction and verse. 54 lecture hours. CSU UC.

- **ENGL 103 Composition and Critical Thinking**
  - **3 Units**
  - Prerequisite: ENGL 101 or ENGL 101H.
  - This course uses literature as a basis for the teaching of critical thinking and composition. The emphasis is upon the analysis of issues, problems, and situations represented in fiction, drama and poetry, and on the development of effective written arguments in support of the analysis. Meets the IGETC critical thinking requirement. 54 lecture hours. CSU UC.
### English As A Second Language

#### ESL 020 English Language Skills II
- **Units:** 3
- **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.
- **CRNs:**
  - 40311 Lay, N. MTWR 12:45 PM-02:10 PM ED 258 06/26-08/14
  - 40312 Lay, N. F 12:45 PM-02:10 PM SS 166 06/26-08/18

#### ESL 026 Grammar Fundamentals II
- **Units:** 2
- **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 3. NOTE: THE UNITS EARNED FOR THIS COURSE MAY NOT BE APPLIED TOWARD THE 60 UNITS FOR GRADUATION. 36 lecture hours. 9 lab hours.
- **CRNs:**
  - 40313 Murakami, K. TWR 02:30 PM-03:45 PM ED 258 06/26-08/18
  - 40288 Murakami, K. F 12:45 PM-02:10 PM ED 167 06/26-08/18

#### ESL 030 English Language Skills III
- **Units:** 3
- **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.
- **CRNs:**
  - 40288 Murakami, K. MTWR 12:45 PM-02:10 PM ED 167 06/26-08/18
  - 40304 Murakami, K. F 12:45 PM-02:10 PM ED 258 06/26-08/18

#### ESL 034 Reading/Vocabulary III
- **Units:** 2
- **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 expand their 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 2. NOTE: THE UNITS EARNED FOR THIS COURSE MAY NOT BE APPLIED TOWARD THE 60 UNITS FOR GRADUATION. 36 lecture hours.
- **CRNs:**
  - 41064 Rudd, R. Distance Education ONLINE 06/26-08/18

#### ESL 036 Grammar Fundamentals III
- **Units:** 2
- **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.
- **CRNs:**
  - 40290 Penarubia, R. TWR 02:30 PM-03:45 PM ED 167 06/26-08/18
  - 41178 Lam, W. MTWR 11:30 AM-12:35 PM ED 235 06/26-08/18
**Schedule of Credit Classes - Summer 2017**

4/11/2017

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

**Geography - Cultural**

**GEOG 102  Cultural Geography 3 Units**

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

<table>
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<tr>
<th>CRN</th>
<th>Instructor</th>
<th>Days</th>
<th>Time</th>
<th>Room</th>
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<tbody>
<tr>
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<td>41124</td>
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<tr>
<td>40509</td>
<td>Kom, D.</td>
<td>TWR</td>
<td>01:00 PM-04:35 PM</td>
<td>TE 153</td>
</tr>
</tbody>
</table>

**Health Occupations**

**HEAL 100  Emergency Medical Services Career Preparation 3 Units**

Strongly recommended: ENGL 099 if required by English placement exam or if required by English 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 basic knowledge and skills necessary for American Heart Association (AHA) cardiopulmonary resuscitation (CPR) certification. Successful completion of this course is required for enrollment into the Emergency Medical Technician Basic Program. Material fee. 36 lecture hours, 54 lab hours.

40545 | Hadsell, C. | HRS-ARRG | ONLINE | 06/26-08/02 |

**History**

**HIST 103  History of World Civilization up to 1500 C.E. 3 Units**

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

40482 | Lubisch, S. | HRS-ARRG | ONLINE | 06/26-08/02 |

**HIST 104  History of World Civilization since 1500 3 Units**

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

The course offers a survey of world civilizations from 1500's regional isolation to modern-day globalization 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

40504 | Lewis, D. | TWR | 06:00 PM-09:10 PM | LB 104 |

**HIST 105  History of the United States before 1877 3 Units**

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

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

40510 | Korn, D. | TWR | 01:00 PM-04:35 PM | TE 153 |

**Humanities**

**HUM 101  Humanities - Prehistory through the Medieval Period 3 Units**

Strongly recommended: ENGL 099 if required by English placement exam 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

41145 | Liskey, R. | MTWR | 10:35 AM-12:50 PM | LB 301 |

40869 | Lubisch, S. | HRS-ARRG | ONLINE | 06/26-08/02 |

**HUM 102  Humanities from the Renaissance through the 19th Century 3 Units**

Strongly recommended: ENGL 099 if required by English placement exam 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

41058 | Love, J. | MTWR | 08:10 AM-10:25 AM | LB 303 |

**Info Tech & Info Systems**

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

#### ITIS 119 Web Design Using HTML
- **CRN:** 41351
- **Instructor:** Flores, R.
- **Rooms:** HRS-ARRG
- **Online:** Yes
- **Units:** 3
- **Prerequisite:** ITIS 099 or ITIS 115; ENGL 099 if required by English level.
- **Description:** 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
- **Schedule:**
  - CRN: 41297
  - Instructor: Shaw, N.
  - Days: MW
  - Time: 11:00 AM-12:35 PM
  - Room: AP 110
  - Dates: 06/26-07/27

#### ITIS 130 Microcomputer Applications I
- **CRN:** 41350
- **Instructor:** Flores, R.
- **Rooms:** HRS-ARRG
- **Online:** Yes
- **Units:** 4
- **Prerequisite:** ITIS 099 or ENGL 099 if required by English level.
- **Description:** This course prepares the student to take the Microsoft Office User Specialist certification exam. 72 lecture hours. CSU
- **Schedule:**
  - CRN: 41294
  - Instructor: Dinneen, G.
  - Days: MW
  - Time: 08:30 AM-09:55 AM
  - Room: PE FP
  - Dates: 06/26-06/30

#### JPN 101 Japanese I
- **CRN:** 40696
- **Instructor:** Gomez, S.
- **Rooms:** WR
- **Units:** 5
- **Prerequisite:** ENGL 099 if required by English placement exam or if required by English level.
- **Description:** This course introduces the interdisciplinary approach to the study of human movement. In the course, students will explore an overview of the sub-disciplines of the field and their significance in daily life. 54 lecture hours. CSU UC
- **Schedule:**
  - CRN: 41296
  - Instructor: Shaw, N.
  - Days: MTWR
  - Time: 06:00 AM-10:50 AM
  - Room: AQ 100
  - Dates: 06/26-07/26

#### KIN 133 Soccer
- **CRN:** 41294
- **Instructor:** Dinneen, G.
- **Rooms:** MW
- **Units:** 1
- **Prerequisite:** ENGL 099 if required by English placement exam or if required by English level.
- **Description:** This course is designed to teach fundamentals of soccer and to develop physical stamina and neuromuscular coordination. Active participation will take place in interclass competition. Improve skills by repetition and supervised instruction. 18 lecture hours, 18 lab hours. CSU UC
- **Schedule:**
  - CRN: 41294
  - Instructor: Dinneen, G.
  - Days: TR
  - Time: 08:30 AM-09:55 AM
  - Room: PE FP
  - Dates: 06/26-06/30

### Kinesiology - Fitness

#### KIN 145 Strength Training, Balance and Agility
- **CRN:** 41282
- **Instructor:** Gomez, S.
- **Rooms:** MW
- **Units:** 1
- **Prerequisite:** ENGL 099 if required by English placement exam or if required by English level.
- **Description:** 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
- **Schedule:**
  - CRN: 41295
  - Instructor: Rodriguez, T.
  - Days: TR
  - Time: 08:30 AM-09:55 AM
  - Room: PE FP
  - Dates: 06/26-06/30

#### KIN 148 Adapted Aquatic Exercises
- **CRN:** 41282
- **Instructor:** Gomez, S.
- **Rooms:** MW
- **Units:** 1
- **Prerequisite:** Physician's written diagnosis of physical disability and exercise limitations.
- **Description:** 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
- **Schedule:**
  - CRN: 41297
  - Instructor: Shaw, N.
  - Days: MW
  - Time: 11:00 AM-12:35 PM
  - Room: AP 110
  - Dates: 06/26-07/27

#### KIN 151 Body Conditioning
- **CRN:** 40299
- **Instructor:** Swatek, C.
- **Rooms:** MT
- **Units:** 1
- **Prerequisite:** ENGL 099 if required by English placement exam or if required by English level.
- **Description:** 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
- **Schedule:**
  - CRN: 41295
  - Instructor: Rodriguez, T.
  - Days: TR
  - Time: 08:30 AM-09:55 AM
  - Room: PE FP
  - Dates: 06/26-06/30

#### KIN 152 Weight Training
- **CRN:** 40696
- **Instructor:** Gomez, S.
- **Rooms:** MW
- **Units:** 1
- **Prerequisite:** ENGL 099 if required by English placement exam or if required by English level.
- **Description:** This course is designed to teach fundamentals of soccer and to develop physical stamina and neuromuscular coordination. Active participation will take place in interclass competition. Improve skills by repetition and supervised instruction. 18 lecture hours, 18 lab hours. CSU UC
- **Schedule:**
  - CRN: 41295
  - Instructor: Rodriguez, T.
  - Days: TR
  - Time: 08:30 AM-09:55 AM
  - Room: PE FP
  - Dates: 06/26-06/30
**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

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<tr>
<th>CRN</th>
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<th>Room</th>
<th>CRN</th>
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<td>40691</td>
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<td>06/26-08/12</td>
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</table>

**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.

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<tr>
<th>CRN</th>
<th>Instructor</th>
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<th>Time</th>
<th>Room</th>
<th>CRN</th>
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<td>40435</td>
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<td>MTWR</td>
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<td>06/26-08/02</td>
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**KIN 171  Health Science  3 Units**

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.

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<tr>
<th>CRN</th>
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<th>Time</th>
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<tr>
<td>40987</td>
<td>Hartman, S.</td>
<td>R</td>
<td>01:00 PM-03:15 PM</td>
<td>PE 138</td>
<td>06/26-08/02</td>
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**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.

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<th>CRN</th>
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<td>40706</td>
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<td>06/26-08/18</td>
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**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.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Instructor</th>
<th>Days</th>
<th>Time</th>
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<tr>
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**Kinesiology-Comp Athletics**

**KIN 130  Off Season Conditioning for Varsity Basketball  1 Units**

Prerequisite: Must be a college varsity athlete/college varsity 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

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<th>Days</th>
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<tr>
<td>40683</td>
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<td>02:30 PM-04:45 PM</td>
<td>PE ST</td>
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</table>

**KIN 131  Off Season Conditioning for Varsity Volleyball  1 Units**

Prerequisite: Must be a college varsity athlete/college varsity 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

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<tr>
<th>CRN</th>
<th>Instructor</th>
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<tr>
<td>40799</td>
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</table>

**KIN 132  Off Season Conditioning for Varsity Soccer  1 Units**

Prerequisite: Must be a college varsity athlete/college varsity 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

<table>
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**KIN 133  Off Season Conditioning for Varsity Water Polo  1 Units**

Prerequisite: Must be a college varsity athlete/college varsity 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

<table>
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**KIN 134  Off Season Conditioning for Varsity Football  1 Units**

Prerequisite: Must be a college varsity athlete/college varsity prospect or with coaches’ permission.

This course provides intermediate and advanced instruction and practice in the skills and strategies of varsity football. This course may be taken four times. 54 lab hours. CSU UC

<table>
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**KIN 135  Off Season Conditioning for Varsity Cross Country  1 Units**

Prerequisite: Must be a college varsity athlete/college varsity prospect or with coaches’ permission.

This course provides intermediate and advanced instruction and practice in the skills and strategies of varsity cross country. This course may be taken four times. 54 lab hours. CSU UC

<table>
<thead>
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<td>03:30 PM-05:55 PM</td>
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</table>

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

**Math 025 Arithmetic and Pre-Algebra** 5 Units

Prerequisite: Placement is based on multiple assessment measures. Strongly recommended: ENGL 099 if required by English placement exam or if required by English level. Topics include the four basic operations of arithmetic on whole numbers, integers, fractions, decimals, ratios, proportions and percents, 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. 90 lecture hours.

41302 Dominguez, V. MTWR 12:00 PM-03:50 PM ED 224 06/26-08/02

**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.

40457 Berberyan, T. MTWR 08:00 AM-11:05 AM MA 127 06/26-08/02
40452 Martinez, J. MTWR 08:30 AM-11:35 AM MA 207 06/26-08/02
40733 Arionous, L. MTWR 02:30 PM-05:35 PM MA 126 06/26-08/02
41358 Scott, C. MTWR 08:00 AM-11:05 AM MA 126 06/26-08/02
40458 Stevenson, M. MTWR 08:00 AM-11:05 AM MA 206 06/26-08/02

**Math 030 Elementary Algebra** 5 Units

Prerequisite: Math 029 or placement is based on multiple assessment measures. Strongly recommended: ENGL 099 if required by English placement exam 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.

40324 Gong, C. MTWR 09:00 AM-11:50 AM MA 108 06/26-08/02
41321 Lee, S. MTWR 01:00 PM-04:50 PM MA 206 06/26-08/02
41320 Scott, C. MTWR 06:00 PM-09:50 PM MA 126 06/26-08/02
40898 Medrano, E. HRS-ARRG ONLINE 06/26-08/02

**Math 031 Plane Geometry** 4 Units

Prerequisite: Math 030 or placement is based on multiple assessment measures. A first course in geometry. Elementary logic, properties of geometric figures, parallel and perpendicular lines, ratio and proportion, congruence, area, and volume. 72 lecture hours.

41322 Punsalan, K. MTWR 08:00 AM-11:05 AM PC 303 06/26-08/02

**Math 140 Pre-Statistics** 5 Units

Prerequisite(s): MATH 029. This course surveys a variety of mathematical topics needed to prepare students for college-level statistics. Pre-Statistics is designed for students in majors such as those in liberal arts, humanities, and social sciences. It should not be taken by students majoring in science, technology, engineering, math, business, nursing, or any other major requiring a specific math course other than statistics. Topics include: performing operations on and evaluation of algebraic expressions, designing observational studies and experiments, graphical and tabular display of data, summarizing data, computing probabilities, describing associations of two variables graphically, graphing equations of lines and linear models, solving linear equations and inequalities, finding linear models, and using exponential models to make predictions. 90 lecture hours.

41323 Medrano, E. MTWR 08:00 AM-11:50 AM MA 130 06/26-08/02

**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.

40017 Nguyenhuu, R. MTWR 08:00 AM-11:50 AM MA 125 06/26-08/02
40461 Nguyenhuu, R. MTWR 01:00 PM-04:50 PM MA 109 06/26-08/02
40462 Zhuang, Y. MTWR 01:00 PM-04:50 PM MA 108 06/26-08/02
40016 Scott, C. MTWR 09:00 AM-12:50 PM MA 109 06/26-08/02
40453 Nguyen, T. MTWR 04:30 PM-08:20 PM MA 130 06/26-08/02
40464 Trad, M. HRS-ARRG ONLINE 06/26-08/02

**KINC 139 Off Season Conditioning for Varsity Swimming** 1 Unit

Prerequisite: Must be a college varsity athlete/college varsity prospect or with coaches’ permission. This course provides advanced and intermediate instruction and practice in the skills and strategies of varsity swimming. This course may be taken four times. 54 lab hours. CSU

40865 Spalding, J. MTWRF 07:00 AM-08:10 AM AQ POOL 06/26-08/18

**Math 162 Introductory Mathematical Analysis** 4 Units

Prerequisite: MATH 142 or Math 150 or placement for algebraic readiness is based on multiple assessment measures. Functions, the trigonometric functions: their graphs and identities, laws of sines and cosines, solutions of triangles, trigonometric equations, inverse trigonometric functions, polar coordinates, DeMoirve’s Theorem. 72 lecture hours.

40478 Abed, K. MTWR 08:00 AM-11:05 AM MA 206 06/26-08/02
41274 Everest, R. MTWR 01:00 PM-04:50 PM MA 222 06/26-08/02

**KINC 139 Off Season Conditioning for Varsity Swimming** 1 Units

Prerequisite: Must be a college varsity athlete/college varsity prospect or with coaches’ permission. This course provides advanced and intermediate instruction and practice in the skills and strategies of varsity swimming. This course may be taken four times. 54 lab hours. CSU

40865 Spalding, J. MTWRF 07:00 AM-08:10 AM AQ POOL 06/26-08/18

**Math 151 Plane Trigonometry** 4 Units

Prerequisites: MATH 031 or high school Geometry; MATH 142 or MATH 150 or placement for algebraic readiness is based on multiple assessment measures. Functions, the trigonometric functions: their graphs and identities, laws of sines and cosines, solutions of triangles, trigonometric equations, inverse trigonometric functions, polar coordinates, DeMoirve’s Theorem. 72 lecture hours. CSU

40478 Abed, K. MTWR 08:00 AM-11:05 AM MA 206 06/26-08/02
41274 Everest, R. MTWR 01:00 PM-04:50 PM MA 222 06/26-08/02

**Math 162 Introductory Mathematical Analysis** 4 Units

Prerequisite: MATH 142 or MATH 150 or placement is based on multiple assessment measures. Concepts of function and limits: applied calculus emphasizing techniques of integration and differentiation with applications in social and life sciences, business administration, economics, and engineering technology. 72 lecture hours. CSU

40454 Dominguez, V. MTWR 08:00 AM-11:05 AM MA 233 06/26-08/02
MATH 165  Introductory Statistics  4 Units
Prerequisite: MATH 140 or MATH 142 or MATH 150 or placement is based on multiple assessment measures.
Introductory course to statistics and probability, descriptive analysis, and presentation of data, hypothesis testing, statistical inference, normal curve, chi-square, and applications in diverse disciplines. 72 lecture hours. CSU UC
41326 Gutierrez, J. MTWR 10:15 AM-12:50 PM MA 124

MATH 170  College Algebra  4 Units
Prerequisite: MATH 142 or MATH 150 or placement is based on multiple assessment measures.
College level course in algebra for majors in the liberal arts. Polynomial, rational, radical, exponential, absolute value, and logarithmic functions; systems of equations; theory of polynomial equations; analytic geometry. 72 lecture hours. CSU UC
41329 Rubio, M. MT 04:00 PM-06:10 PM TE 104

MATH 175  Pre-Calculus  4 Units
Prerequisite: MATH 151 or placement is based on multiple assessment measures.
Preparation for calculus; polynomial, rational, exponential, logarithmic, and trigonometric functions; analytic geometry; mathematical induction. 72 lecture hours. CSU UC
40329 Tippins, R. HRS-ARRG 06/26-08/02 ONLINE

MATH 190  Calculus with Analytic Geometry I  4 Units
Prerequisite: MATH 175 or placement is based on multiple assessment measures.
A first course in differential and integral calculus of a single variable: functions; limits and continuity; techniques and applications of differentiation and integration; Fundamental Theorem of Calculus. Primarily for science, technology, engineering & math majors. 72 lecture hours. CSU UC
40716 Hopkins, L. MTWR 08:00 AM-11:05 AM PC 134

MATH 191  Calculus with Analytic Geometry II  5 Units
Prerequisite: MATH 190.
A second course in differential and integral calculus of a single variable: integration; techniques of integration; infinite sequences and series; polar and parametric equations; applications of integration. Primarily for science, technology, engineering & math majors. 72 lecture hours. CSU UC
41144 Gutierrez, J. MTWR 09:00 AM-12:05 PM MA 124

MATH 211  Differential Equations  5 Units
Prerequisite: MATH 210.
41326 Gutierrez, J. MTWR 10:15 AM-12:50 PM MA 124

MATH 215  Introductory Statistics  4 Units
Prerequisite: MATH 140 or MATH 142 or MATH 150 or placement is based on multiple assessment measures.
Introductory course to statistics and probability, descriptive analysis, and presentation of data, hypothesis testing, statistical inference, normal curve, chi-square, and applications in diverse disciplines. 72 lecture hours. CSU UC
41326 Gutierrez, J. MTWR 10:15 AM-12:50 PM MA 124

MATH 216  College Algebra  4 Units
Prerequisite: MATH 142 or MATH 150 or placement is based on multiple assessment measures.
College level course in algebra for majors in the liberal arts. Polynomial, rational, radical, exponential, absolute value, and logarithmic functions; systems of equations; theory of polynomial equations; analytic geometry. 72 lecture hours. CSU UC
41142 Valderrama Perez, F. MTWR 08:00 AM-11:05 AM LB 306

MATH 217  Pre-Calculus  4 Units
Prerequisite: MATH 151 or placement is based on multiple assessment measures.
Preparation for calculus; polynomial, rational, exponential, logarithmic, and trigonometric functions; analytic geometry; mathematical induction. 72 lecture hours. CSU UC
40022 Everest, R. MTWR 09:00 AM-12:05 PM MA 222

MATH 219  Calculus with Analytic Geometry I  4 Units
Prerequisite: MATH 175 or placement is based on multiple assessment measures.
A first course in differential and integral calculus of a single variable: functions; limits and continuity; techniques and applications of differentiation and integration; Fundamental Theorem of Calculus. Primarily for science, technology, engineering & math majors. 72 lecture hours. CSU UC
40116 Hopkins, L. MTWR 08:00 AM-11:05 AM MA 124

MATH 221  Calculus with Analytic Geometry II  5 Units
Prerequisite: MATH 190.
A second course in differential and integral calculus of a single variable: integration; techniques of integration; infinite sequences and series; polar and parametric equations; applications of integration. Primarily for science, technology, engineering & math majors. 72 lecture hours. CSU UC
41144 Gutierrez, J. MTWR 10:15 AM-12:50 PM MA 124

Music - Commercial
MUSC 130  Studio Orchestra I  4 Units
Prerequisite: Audition; Successful completion of MUSE 070 or MUSE 090 will support audition success.
A beginning study of contemporary symphonic music performance in the studio environment. Music of various styles, including contemporary media styles, will be explored. 36 lecture hours, 108 lab hours arranged. CSU
41270 Hoehne, W. MTWR 08:00 AM-10:50 AM

MUSC 131  Studio Orchestra II  4 Units
Prerequisite: MUSC 130 or Audition.
An intermediate study of contemporary symphonic music performance in the studio environment. Music of various styles, including contemporary media styles, will be explored. 36 lecture hours, 108 lab hours arranged. CSU
41174 Hoehne, W. MTWR 08:00 AM-10:50 AM

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

MUSP 170  Musical Theatre Academy Production  4 Units
Prerequisite: Audition.
An in-depth survey of the skills necessary for the performer in a live musical theatre production. Emphasis on the audition process, script analysis, role preparation, theatre and rehearsal etiquette and rehearsal technique culminating in a live, full-length fully-produced musical. 36 lecture hours, 126 lab hours. CSU UC
41069  Vaughan, J.  MT  08:00 AM-11:05 AM  VT 323  06/26-08/02
41069  Vaughan, J.  MT  11:15 AM-12:55 PM  VT 323  06/26-08/02
AUDITION REQUIRED. Auditions are on May 13, 2017 at 9:00am in the Performing Arts Building. Bring sheet music from a pop tune or a musical theatre selection in the key in which you plan to sing and dress appropriately for the dance audition. A pianist will be provided. This course does not have a waitlist.

MUSC 175  Jazz Ensemble Tour I  7 Units
Prerequisite: Audition. Successful completion of MUSE 070 or MUSE 090 will support audition success.
This course prepares the student for a unique instrumental ensemble experience through classroom instruction, laboratory training, and performance. Emphasis on solos as well as ensemble, study of jazz compositions, combined with an in-depth travel experience abroad. Public performance required. 72 lecture hours, 162 lab hours arranged. CSU UC
40729  Munoz, G.  MTWR  09:35 AM-10:40 AM  PA 154  06/19-08/11
+ 162 TOTAL ARRG.

MUSC 179  Concert Promotion Touring  4 Units
A study of concert promotion touring emphasizing and analyzing "the product options" and support of "the product". 36 lecture hours, 108 lab hours. CSU
40895  Munoz, G.  MTWR  01:25 PM-03:30 PM  PA 154  06/19-08/11

MUSC 230  Studio Orchestra III  4 Units
Prerequisite: MUSC 131 or Audition.
An intermediate-advanced study of contemporary symphonic music performance in the studio environment. Music of various styles, including contemporary media styles, will be explored. 36 lecture hours, 108 arranged hours. CSU
40727  Munoz, G.  MTWR  01:25 PM-02:30 PM  PA 154  06/19-08/11
40727  Munoz, G.  MTWR  02:40 PM-03:55 PM  PA 154  06/19-08/11

Music - Education

MUSE 109  Music Appreciation  3 Units
This course is an introduction to music from the Middle Ages to the 20th Century. Instruction includes basic music theory, a study of prominent composers, and a survey of musical forms. Recommended for music majors and non-music majors. 54 lecture hours. CSU UC
40736  Langford, W.  MTWR  09:35 AM-10:40 AM  PA 154  06/19-08/11

MUSE 111  History of Music II  3 Units
This is an in-depth course examining the history of music as well as the lives and contributions of major composers from the Classical, Romantic, and 20th Century periods. Recommended for music majors. Music majors must take either MUSE 110 or MUSE 111. 54 lecture hours. CSU UC
40737  Langford, W.  MTWR  10:50 AM-11:55 AM  PA 154  06/19-08/11

MUSE 113  History of Rock and Roll  3 Units
This course focuses on the rock musician, the music and the manner in which sociological, political, and economic conditions merged in the evolution of this art form. Listening and classroom discussion will be stressed. 54 lecture hours. CSU UC
40728  Eisel, G.  MTW  01:00 PM-04:05 PM  VA 130  06/26-08/02
40728  Eisel, G.  MTW  09:00 AM-12:05 PM  VA 130  06/26-08/02

Non-Credit

NC 310  ESL: Grammar - Beginning 1  Units
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. 72 lecture hours.
41286  Staff  MTWR  09:00 AM-11:10 AM  LL  06/26-08/16
41287  Staff  MTWR  06:00 PM-08:10 PM  LL  06/26-08/16

NC 311  ESL: Grammar - Beginning 2  Units
Strongly recommended: NC 305 or demonstrate a high beginning (Beginning 2) level of English fluency.
ESL: Grammar - Beginning 2 teaches high-beginning English language learners rudimentary English grammar used in basic life functions. This course can be used to review or prepare for NC 306 - ESL Multiskills - Beginning 2. Open entry/exit. 72 lecture hours.
41288  Staff  MTWR  09:00 AM-11:10 AM  LL  06/26-08/16
41289  Staff  MTWR  06:00 PM-08:10 PM  LL  06/26-08/16

NC 312  ESL: Grammar - Intermediate 1  Units
Strongly recommended: NC 306 or demonstrate a low-intermediate (Intermediate 1) level of English fluency.
ESL: Grammar - Intermediate 1 teaches low-intermediate English language learners English grammar used in routine life functions. This course can be used to review or prepare for NC 307 - ESL Multiskills - Intermediate 1. Open entry/exit. 72 lecture hours.
41290  Staff  MTWR  09:00 AM-11:10 AM  LL  06/26-08/16
41291  Staff  MTWR  06:00 PM-08:10 PM  LL  06/26-08/16

NC 313  ESL: Grammar - Intermediate 2  Units
Strongly recommended: NC 307 or demonstrate a high intermediate (Intermediate 2) level of English fluency.
ESL: Grammar - Intermediate 2 teaches high-intermediate English language learners English grammar used in more complex life functions. This course can be used to review or prepare for NC 308 - ESL Multiskills - Intermediate 2. Open entry/exit. 72 lecture hours.
41292  Staff  MTWR  09:00 AM-11:10 AM  LL  06/26-08/16
41293  Staff  MTWR  06:00 PM-08:10 PM  LL  06/26-08/16
### Schedule of Credit Classes - Summer 2017

**4/11/2017**

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

<table>
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### Nursing

#### NRS 102 Home Health Aide

1 Unit

- **Prerequisites:** Proof of original, current, active CNA certificate issued by the California Department of Public Health and Services, and Health Sciences Department approval.

#### RNRS 200 Role Transitions: LVN to RN

3 Units

- **Prerequisites:** Current licensure in California as a Licensed Vocational Nurse; BIOL 200, BIOL 201 and BIOL 220.

#### VNRS 180 Pediatric Nursing

3.5 Units

- **Prerequisites:** VNRS 160, 161L, 162, 163, 164; VNRS 181 or concurrent enrollment.

### Nursing - Registered

<table>
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<td>TE 102</td>
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### Nursing - Vocational

#### VNRS 181 Growth and Development: Infancy-Adolescence

1 Unit

- **Prerequisite:** VNRS 160.

### Office Tech & Computer Apps

#### OFF 120 Microsoft Excel

3 Units

- **Course Description:** 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.

#### OFF 215 Microsoft Outlook

2 Units

- **Course Description:** An introduction to Microsoft Outlook scheduling and organizing program.

### Philosophy

#### PHIL 101 Great Religions of the World

3 Units

- **Prerequisites:** ENGL 099 if required by English placement exam or if required by English level.

### Notes:

- Mandatory online orientation Monday, June 26, 2017 at 7:00pm.

- Students must register for mandatory online orientation Monday, June 26, at 6:00pm.
PHIL 106  Introduction to Philosophy  3 Units
Strongly recommended: ENGL 099 if required by English placement exam or if required by English level.

PHIL 110  Philosophy/Logic  3 Units
Strongly recommended: ENGL 099 if required by English placement exam or if required by English level.

PHOTO 101  Basic Photography  3 Units
Fundamentals of digital photography with a concentration on camera operation and image composition. Exposure basics including ISO, Aperture and Shutter speed will be emphasized with the use of aperture priority, shutter priority & manual exposure modes. Execution of basic postproduction operation and image composition. Exposure basics including ISO, Aperture and Shutter speed will be emphasized with the use of aperture priority, shutter priority & manual exposure modes. Execution of basic postproduction technology. This course is the prerequisite for all other photography courses. 36 lecture hours, 72 lab hours. CSU UC

PHYS 110  Introduction to College Physics  4 Units
Strongly recommended: MATH 030, ENGL 099 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

PHYS 201  Physics A: Mechanics  5 Units
Prerequisite: MATH 190. Fundamental principles of mechanics, vectors, motion, work, energy, momentum, and rotational motion. Required for all majors in engineering, physics, chemistry, and some geology and mathematics majors. 72 lecture hours, 54 lab hours. CSU UC

POLI 103  American Government and Politics  3 Units
Strongly recommended: ENGL 099 if required by English placement exam 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

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 class environment. 54 lecture hours. CSU UC

PSY 101H  Introduction to Psychology - Honors  3 Units
Requisite: Student must be eligible for the Citrus College Honors Program or obtain a recommendation from an Honors instructor. 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 at an honors level which includes demonstrating strong critical thinking skills, thoughtful analysis/synthesis of readings, presentations and discussions within the class environment. 54 lecture hours. CSU UC

PSY 205  Developmental Psychology  3 Units
Strongly recommended: ENGL 099 if required by English placement exam or if required by English level. Developmental psychology is the scientific study of progressive changes in behavior, cognition, and abilities. Attention is paid to issues related to the roles of nature and nurture in developmental processes. 54 lecture hours. CSU UC

PSY 206  Child Growth and Development  3 Units
Strongly recommended: ENGL 099 if required by English placement exam or if required by English level. This course examines major physical, psychosocial, and cognitive/linguistic developmental milestones as they pertain to the various ages and stages in a child’s life from the prenatal development through adolescence. Practices of investigative research methodologies, caregiving, education, teaching, and parenting that derive from diverse cultural and theoretical perspectives will be analyzed. Students will learn to observe children, evaluate individual differences and analyze characteristics of development at various stages. Interactions between maturational and environmental factors will be explored. 54 lecture hours. CSU UC

Register online at citruscollege.edu/ar  WingSpan Registration Help Desk (626) 914-8833  Admissions and Records office
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DISTANCE EDUCATION HYBRID CLASS. For success tips, see www.citruscollege.edu/de.

**Public Works**

**PUBLIC 159** Urban Forest Management Planning 3 Units

This course will guide students in developing an urban forest management plan. It is intended for those who manage populations of trees: municipalities, golf courses, educational institutions, public gardens, and property managers. Plans will be based on interdisciplinary activities that influence and are related to urban forest activities. Students will create a ready-to-use management plan and receive peer review. 54 lecture hours.

CSU 41324 Batista, G. MW 06:30 PM-09:40 PM PC 303 06/26-08/18

**PUBLIC 162** Traffic Control Standards, Practices, and Policies 3 Units

Strongly recommended: ENGL 099 if required by English placement or if required by English level. This course provides a greater awareness and appreciation of the unique design, installation, and maintenance techniques required for the proper control and regulation of traffic according to the Manual on Uniform Traffic Control Devices (MUTCD). Course is intended for public works personnel. 54 lecture hours.

41123 Adawiya, I. TR 06:30 PM-09:50 PM PC 303 06/26-08/18

**REAL ESTATE 210** Real Estate Principles 3 Units

Strongly recommended: ENGL 099 if required by English placement exam 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 40552 Ghirotti, R. HRS-ARRG ONLINE 06/26-08/02

DISTANCE EDUCATION CLASS. For success tips, see www.citruscollege.edu/de. ON-CAMPUS REQUIREMENTS:

**SOCIOLOGY**

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

Strongly recommended: ENGL 099 if required by English placement exam 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 41061 Lopez, E. MTWR 10:35 AM-12:50 PM LB 103 06/26-08/02

40317 Samoff, S. HRS-ARRG ONLINE 06/26-08/02

DISTANCE EDUCATION CLASS. For success tips, see www.citruscollege.edu/de.

**SOCIOLOGY 201** Introduction to Sociology 3 Units

Strongly recommended: ENGL 099 if required by English placement exam or if required by English level. An emphasis is placed on the study of the basic structure of human society, the main forces that hold groups together or weaken them, conditions that transform social life, and basic social concepts. 54 lecture hours. CSU 40487 Dunn, M. TWR 01:00 PM-04:10 PM LB 303 06/26-08/02

40488 Samoff, S. HRS-ARRG ONLINE 06/26-08/02

DISTANCE EDUCATION CLASS. For success tips, see www.citruscollege.edu/de.

**SOCIOLOGY 202** Contemporary Social Problems 3 Units

Strongly recommended: ENGL 099 if required by English placement exam or if required by English level. Emphasis is placed on American society and social problems. Special attention is given to the causes and effects of social problems. Course content includes research, field observation studies, seminar discussion with special resource professionals. 54 lecture hours. CSU 40689 White, G. HRS-ARRG ONLINE 06/26-08/02

DISTANCE EDUCATION CLASS. For success tips, see www.citruscollege.edu/de.

**SPANISH**

**SPANISH 101** Spanish I 5 Units

Strongly recommended: ENGL 099 if required by English placement exam or if required by English level. A course in elementary Spanish grammar, vocabulary, and pronunciation which focuses on understanding, speaking, reading, and writing (including spelling) simple Spanish and serves as an introduction to the geography, history, and culture of the Spanish-speaking world. 90 lecture hours. CSU 40036 Garate, E. MTWR 08:00 AM-11:50 AM CI 158 06/26-08/02

41173 Afzali, A. MTW 09:00 AM-02:05 PM LB 108 06/26-08/02

40056 Garate, E. MTWR 01:00 PM-04:50 PM CI 158 06/26-08/02

**SPANISH 102** Spanish II 5 Units

Prerequisite: SPAN 101 OR two years of high school Spanish or equivalent OR basic knowledge of first semester elementary Spanish as determined by the Professor of Record. Strongly recommended: ENGL 099. A further study of elementary Spanish grammar and vocabulary that develops understanding, speaking, reading and writing (including spelling) skills. Affords opportunities to apply communication skills to new social, professional, and travel contexts. Explores the cultural heritage and civilization of Spain and Latin America through technology and level-appropriate readings. The class will be taught primarily in Spanish. 90 lecture hours. CSU 40071 Garcia, E. MTWR 09:00 AM-12:50 PM LB 106 06/26-08/02

**SPANISH 102H** Spanish II - Honors 5 Units

Prerequisite: SPAN 101 or SPAN 101H or two years of high school Spanish. Requisite: Student must be eligible for the Citrus College Honors Program or obtain a recommendation from an Honors instructor. Strongly recommended: ENGL 099 if required by English placement exam or if required by English level. A further study of elementary Spanish grammar and vocabulary that develops understanding, speaking, reading and writing (including spelling) skills. Affords opportunities to apply communication skills to new social, professional, and travel contexts. Explores the cultural heritage and civilization of Spain and Latin America through technology and level-appropriate readings. The class will be taught primarily in Spanish. In addition, students are expected to work and participate at an honors level which includes strong critical thinking skills, analysis of cultural readings, and presentation and leadership skills demonstrated through class participation and presentations. 90 lecture hours. CSU 41305 McGarry, A. MTWR 09:00 AM-12:50 PM LB 106 06/26-08/02

Register online at citruscollege.edu/ar WingSpan Registration Help Desk (626) 914-8833 Admissions and Records office (626) 914-5985.

Schedule of Credit Classes - Summer 2017 4/11/2017
### Schedule of Credit Classes - Summer 2017

**4/11/2017**

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

<table>
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<tr>
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### SPAN 210 Intermediate Spanish for Spanish Speakers I

**Prerequisite:** Oral fluency in Spanish. 
Strongly recommended: ENGL 099 if required by English placement or if required by English level. 
A course designed to help students who are fluent in spoken, informal Spanish, but who need to improve writing, reading and grammar skills. 
Emphasis on accessing formal oral Spanish skills and a knowledge of Spanish and Latin American literature and culture. Equivalent to SPAN 201. 90 lecture hours. CSU UC

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### SPCH 100 Interpersonal Communication

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

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### SPCH 101 Public Address

Strongly recommended: ENGL 099 if required by English placement exam or if required by English level. 
An introductory course in communication and speaking skills, including the selection, preparation, and delivery of speeches for various/diverse audiences and situations. The goal will be the achievement of ethical, 
purposeful, and effective public speaking. 54 lecture hours. CSU UC

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### Theatre Arts

**THEA 101 Introduction to Theatre Arts**

3 Units

Strongly recommended: ENGL 099 if required by English placement exam 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

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<td>06:00 PM-09:20 PM</td>
<td>VT 117</td>
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### THEA 210 Rehearsal and Performance in Production

**Prerequisite:** Audition. 
Participation in the production of a full length play for public performance. 
Productions will be entered into the American College Theatre Festival for adjudication and competition. This course may be taken four times. 18 lecture hours, 108 lab hours, CSU UC

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### THEA 125 Technical Theatre Production

**3 Units**

Strongly recommended: ENGL 099 if required by English placement exam 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, scenery crew, properties crew, costume crew, or running crew. 36 lecture hours, 54 lab hours. CSU UC

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### THEA 126 Technical Theatre Technician

**3 Units**

**Prerequisite:** THEA 125. 
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. CSU UC

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### THEA 160 Computer Aided Design for Theatre

**4 Units**

Strongly recommended: THEA 120. 
Entertainment design and technical production with an emphasis on the 
computer as a design and drafting tool. Applications include Vectorworks and SketchUp. 54 lecture hours, 54 lab hours. CSU UC

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### THEA 210 Argumentation and Debate

**3 Units**

Strongly recommended: ENGL 099 if required by English placement exam or if required by English level. 
Basic theories, principles, and methods for various levels and forms of 
argumentation and debate. Preparation and presentation of practice 
debates on current issues. 54 lecture hours. CSU UC

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<td>Brown, C.</td>
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AUDITION REQUIRED. Details posted on the Theatre Arts call board. Course does not have waitlist.

**THEA 226 Concert Touring Technician** 3 Units

Prerequisites: THEA 125.

A course in which students will gain practical experience while participating in a variety of concert productions in any of the following: prep crew, load in crew, running crew, strike crew, lighting crew, or sound crew. 18 lecture hours, 108 lab hours arranged. CSU

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+ 108 TOTAL ARRGD HRS

**THEA 290 Citrus Theatre Academy** 3 Units

Prerequisite: Audition.

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

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AUDITION REQUIRED. Details posted on the Theatre Arts call board. Course does not have 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

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AUDITION REQUIRED. Details posted on the Theatre Arts call board. Course does not have waitlist.

**THEA 295 Summer Concert Touring Production Practicum** 7 Units

Prerequisite: Interview.

A course in the technical execution of a live concert performance. 18 lecture hours, 162 lab hours arranged. CSU

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Interview required. + 162 TOTAL HRS ARRG.

**THEA 296 Summer Concert Touring Production** 3 Units

Prerequisite: Interview.

A course in the technical planning and execution of a live concert performance. 54 lecture hours.

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Interview required.

**THEA 297 Summer Concert Touring Production Practicum** 4 Units

Prerequisite: Interview.

A course in the technical planning and execution of a live concert performance. 54 lecture hours.