### Accounting (ACCTG)

#### ACCTG-1A  Financial Accounting  4.00 UNITS
Advisory: Completion of CIS-1 or BUSOT-63.
Development and communication of financial information that is useful to investors, creditors, and other decision-makers. Includes the accounting environment, accounting cycle, generally accepted accounting principles, ethics, financial statements, operating, investing, and financing activities.
Materials Fee: $4.00   Transfer: CSU; UC
Grading: Letter grade only

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<tr>
<th>Section #</th>
<th>Instructor</th>
<th>Hours</th>
<th>Days</th>
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<tr>
<td>81028</td>
<td>C. Dickerson</td>
<td>8:00am-9:50am</td>
<td>MW</td>
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<tr>
<td>81031</td>
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<td>8:00am-9:50am</td>
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<tr>
<td>81029</td>
<td>V. Turner</td>
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<td>81032</td>
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<td>S. Kazmi</td>
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<td>(more sections are at Chino and Fontana)</td>
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#### ACCTG-1B  Managerial Accounting  4.00 UNITS
Prerequisite: ACCTG-1A.
Advisory: Completion of CIS-1 or experience using spreadsheets.
Managerial accounting meets the information needs of internal users by developing and communicating information that is useful for management decision-making. (C-ID ACCT 120)
Materials Fee: $4.00   Transfer: CSU; UC
Grading: Letter grade only

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#### ACCTG-435  Payroll Accounting  3.00 UNITS
Advisory: Completion of ACCTG-1A, 480, or 481.
Comprehensive overview of federal and state payroll laws and their effect on payroll records and required government reports. Course may be taken every three years as needed to maintain currency with payroll laws.
Materials Fee: $3.00   Transfer: CSU; UC
Grading: Letter grade only

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</table>
ACCTG-460 Commercial Accounting Software 3.00 UNITS
Advisory: Completion of ACCTG-1A, and completion of or concurrent enrollment in CIS-1.
Basic concepts and techniques for using Quickbooks commercial accounting software designed for the use of microcomputers in businesses grossing less than $500,000 annually.
Materials Fee: $3.00
Grading: Letter grade only
81048 P. Hartley 9:00am-11:50am F BE-113

ACCTG-480 Applied Accounting I 3.00 UNITS
Skills and tasks include journalizing business transactions, maintaining a general ledger system, and preparing and analyzing financial statements for a small business.
Materials Fee: $3.00
Grading: Letter grade only
81049 STAFF 7:00pm-9:50pm T BE-105

Accounting and Financial Services (ACCTGFS) 909/652-6830

ACCTGFS-440 Introduction to Financial Planning 3.00 UNITS
Introduction to the concepts of the personal financial planning process, including budgeting, cash flow, debt considerations, the economic environment, wealth accumulation, and retirement concerns.
Materials Fee: $3.00
Grading: Letter grade only
81051 STAFF 7:00pm-9:50pm W BE-103

ACCTGFS-453 U.S. and California Income Tax Preparation
This course is certified by the California Tax Education Council as fulfilling the 60-hour qualifying education requirement imposed by the State of California for becoming a Registered Tax Preparer.
Materials Fee: $5.00
Grading: Letter grade only
81053 STAFF 6:00pm-9:50pm T BE-102
(another section is at Chino)

ACCTGFS-465 Financial Accounting for Non-Accounting Major 3.00 UNITS
Interpreting accounting data from an entrepreneurial perspective. Topics include business structure, financial statement analyses, cash management, budgeting, financing options, and credit management.
Materials Fee: $3.00
Grading: Letter grade only
81050 STAFF 7:00pm-9:50pm T BE-101

FEE PAYMENTS
Students receiving Financial Aid, 3rd party sponsored billing, and students enrolled in the Facts Payment plan (see www.chaffey.edu/cashier/facts.shtml) will not be dropped from their classes for non-payment.
For everyone else, payment is due not more than 10 calendar days from the date of registration (including holidays and weekends).
For more detailed information, see the Payment Deadline information on pages 11-13 and Payment Date Due Chart on page 15.

Acting (See Theatre Arts)

Administration of Justice (AJ) 909/652-6253

AJ-1 Introduction to the Criminal Justice System 3.00 UNITS
Introduction to the characteristics of the criminal justice system in the United States, with focus on crime theories and measurement, responses, system components, and current challenges. (C-ID AJ 110)
Materials Fee: $3.00
Transfer: CSU; UC
Grading: Letter grade only
79051 B. Brown 9:30am-10:50am MW SS-103
79052 B. Brown 11:00am-12:20pm MW SS-103
(more sections are at Chino and Fontana)

AJ-2 Concepts of Criminal Law 3.00 UNITS
Prerequisite: AJ-1.
Historical development of criminal law, philosophy and constitutional provisions, definitions, classification of crime, and application to the system of administration of justice. (C-ID AJ 120)
Materials Fee: $3.00
Transfer: CSU; UC
Grading: Letter grade only
79055 R. Price 7:00pm-9:50pm W SS-103
(another section is at Chino)

AJ-3 Criminal Court Process System 3.00 UNITS
Prerequisite: AJ-1.
Roles and responsibilities of law enforcement, the judiciary and corrections, viewed both independently and collectively. Review of criminal justice procedures related to individual, constitutional and procedural rights. (C-ID AJ 122)
Materials Fee: $3.00
Transfer: CSU; UC
Grading: Letter grade only
79057 B. Brown 8:00am-9:20am TTH SS-103
(another section is at Fontana)

AJ-4 Community-Based Problem Solving and The Justice System 3.00 UNITS
Roles of justice system agencies, focusing on their interrelationships and interactions with a diverse, multicultural public. Analysis of the differences between community-oriented and problem-solving policing. (C-ID AJ 160)
Materials Fee: $3.00
Transfer: CSU; UC
Grading: Letter grade only
79060 STAFF 12:30pm-1:50pm MW SS-103
(another section is at Fontana)

Additional sections of some classes may be available; check the Chino, Fontana, Ontario High School, and Online/Hybrid sections.
**American Sign Language (ASL)**

*(Also see Arabic, Chinese, French, and Spanish)*

**ASL-1 Elementary American Sign Language 4.00 UNITS**

Introduction to Deaf culture/history, ASL vocabulary development, fingerspelling, basic phrasing, sentence patterns, manual counting, and receptive and expressive skills. Ten hours of supplemental learning in a Success Center that supports this course is required. This course corresponds to the first year of high school ASL.

Materials Fee: $4.00  
Transfer: CSU, UC  
Grading: Letter grade only

**ASL-2 Elementary American Sign Language 4.00 UNITS**

Prerequisite: ASL-1 or one year of high school ASL.

Continued study of ASL structure, vocabulary, conversational strategies, phrasing, sentence patterns, manual counting and spelling, semantics, development of expressive and receptive skills, and Deaf culture/history. Ten hours of supplemental learning in a Success Center that supports this course is required.

Materials Fee: $4.00  
Transfer: CSU; UC  
Grading: Letter grade only

**ASL-4 Intermediate American Sign Language 4.00 UNITS**

Prerequisite: ASL-3.

Continued study of ASL structure, vocabulary, grammar, conversational strategies, sentence structure, Deaf cultural norms/values/behaviors, and refinement of receptive and expressive skills. Ten hours of supplemental learning in a Success Center that supports this course is required.

Materials Fee: $4.00  
Transfer: CSU, UC  
Grading: Letter grade only

**ASL-18 Introduction to Deaf Studies 3.00 UNITS**

Prerequisite: ASL-1.

Overview of Deaf history and the origins of American Sign Language. Introduction to the basic issues of Deaf culture and communication. Students will gain an overview of historical and contemporary issues and people in the Deaf community. This course introduces students to the wide variety of issues involved in Deaf Studies, including linguistics, education, sociology, psychology, and interpreting.

Materials Fee: $3.00  
Transfer: CSU; UC  
Grading: Letter grade only

**PREFERRED ENROLLMENT**

**NEW AND RETURNING STUDENTS:** To receive a preferred registration date, you must complete the following actions:

- Fill-out and submit a Chaffey College application
- Attend an orientation session
- Take the Assessment test(s)
- Create an Educational Plan with a counselor

**CONTINUING STUDENTS:** To maintain your preferred registration and financial aid eligibility, you must:

- Remain in Good Academic Standing (2.0 GPA or above)
- Not have exceeded 100 units earned (excluding 500-level courses)

Per the Student Success Act of 2012, Senate Bill 1456, signed into law in September 2012. See www.chaffey.edu/student-success for more info
## Anthropology (ANTHRO)

### ANTHRO-1 Introduction to Biological Anthropology 3.00 UNITS

Advisory: Eligibility for ENGL-1A as determined by the Chaffey assessment process, or completion of ENGL-475 or ESL-475.

Study of the biological features of humankind, utilizing scientific and comparative methods to understand human variation and adaptation, genetics, primatology, and the human fossil record.

Materials Fee: $3.00  
Grading: Letter grade only

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<tr>
<th>SECTION #</th>
<th>INSTRUCTOR</th>
<th>HOURS</th>
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<th>ROOM</th>
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ANTHRO-1L Laboratory for Biological Anthropology 1.00 UNITS

Corequisite: ANTHRO-1 (may be taken previously).
Comparative study of both human and non-human primates, human variation, evolution, genetics, forensic anthropology, and the primate fossil record.

Materials Fee: $1.00  
Grading: Letter grade only

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(more sections are at Chino and Fontana)

### Priority Registration

Effective Summer 2014, priority registration has been legally enacted for the following student groups:

Eligible veterans, foster youth, active EOPS, DPS, and CalWorks students.

Per the Student Success Act of 2012, Senate Bill 1456, signed into law in September 2012. See www.chaffey.edu/student-success for more info

### ANTHRO-2 Introduction to Archaeology 3.00 UNITS

Advisory: Eligibility for ENGL-1A as determined by the Chaffey assessment process, or completion of ENGL-475 or ESL-475.

Introduction to the study of concepts, theories, data and models of anthropological archaeology that contribute to our knowledge of the human past.

Materials Fee: $3.00  
Grading: Letter grade only

(section is at Fontana)

### ANTHRO-3 Introduction to Social and Cultural Anthropology 3.00 UNITS

Advisory: Eligibility for ENGL-1A as determined by the Chaffey assessment process, or completion of ENGL-475 or ESL-475.

Introduction to how anthropologists do their work, employ professional anthropological research ethics, and apply their perspectives and skills to the understanding of humans around the globe.

Materials Fee: $3.00  
Grading: Letter grade only

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(more sections are online, and at Chino and Fontana)

### Arabic (ARABIC)

(Also see Am Sign, Chinese, French, & Spanish) 909/652-6903

#### ARABIC-1 Elementary Modern Standard 4.00 UNITS

Arabic

Introduction to functional modern Arabic (aural, oral, reading, and writing skills), Arabic script, pronunciation, vocabulary, and Arabic culture/values/customs. Ten hours of supplemental learning in a Success Center that supports this course is required for reinforcement of language skills. Corresponds to the first year of high school Arabic.

Materials Fee: $4.00  
Grading: Letter grade only

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#### ARABIC-2 Elementary Modern Standard 4.00 UNITS

Arabic

Prerequisite: ARABIC-1 or one year of high school Arabic.

Continued study of functional modern Arabic (aural, oral, reading, and writing skills), Arabic script, pronunciation, vocabulary, grammar, and Arabic culture/values/customs. Ten hours of supplemental learning in a Success Center that supports this course is required for reinforcement of language skills. Corresponds to the second year of high school Arabic.

Materials Fee: $4.00  
Grading: Letter grade only

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Additional sections of some classes may be available; check the Chino, Fontana, Ontario High School, and Online/Hybrid sections.
Fall 2014/Spring 2015 Schedule of Classes

ART (ART)
(Also see Art History)  909/652-6066

ART-10  Fundamental of Design in Two Dimensions  4.00 UNITS
In-depth introduction to the visual elements of two-dimensional art composition including line, shape, texture, value, color theory, and spatial illusion.
Materials Fee: $4.00  Transfer: CSU; UC
Grading: Letter grade only

79880 STAFF  9:00am-12:20pm  MW  CAA-210
79881 STAFF  9:30am-12:20pm  TTH  CAA-210
79882 STAFF  12:30pm-3:20pm  TTH  CAA-210
79883 C.Farrand  3:30pm-6:20pm  MW  CAA-210
(Another section is at Fontana)

ART-12  Fundamental of Design in Three Dimensions  4.00 UNITS
Advisory: Completion of ART-10.
In-depth introduction to the visual elements of three-dimensional design, including color and surface treatments of form, as well as the implications of time and environmental space.
Materials Fee: $4.00  Transfer: CSU; UC
Grading: Letter grade only

79892 M.Burrue  12:30pm-3:20pm  TTH  CAC-105
79891 M.Burrue  2:00pm-4:50pm  MW  CAC-105

ART-14  Introduction to Drawing  3.00 UNITS
Introduction to freehand drawing from direct observation using a variety of black-and-white media.
Materials Fee: $3.00  Transfer: CSU; UC
Grading: Letter grade only

79885 M.Provart  9:30am-12:20pm  MW  CAB-102
79886 J.Hutchins  3:30pm-6:20pm  MW  CAB-102
79887 STAFF  6:30pm-9:20pm  TTH  CAB-102
(Another section is at Fontana)

ART-16  Introduction to Painting  3.00 UNITS
Prerequisite: ART-10 or ART-14.
Introduction to painting in acrylic media. Exploration of traditional and contemporary approaches and techniques. Includes fundamentals of color theory and composition as applied to painting.
Materials Fee: $3.00  Transfer: CSU; UC
Grading: Letter grade only

79889 S.Maing  12:30pm-3:20pm  MW  CAB-101
79890 J.Cline  3:30pm-6:20pm  TTH  CAB-101

ART-18  Introduction to Ceramics  3.00 UNITS
Introduction to three-dimensional (3D) design, sculptural processes, concepts, and materials with the emphasis on clay.
Materials Fee: $4.00  Transfer: CSU; UC
Grading: Letter grade only

79861 S.Hunter  9:30am-12:20pm  MW  CAC-107
79865 L.Haig  9:30am-3:20pm  F  CAC-107
79862 B.Kohl  2:00pm-4:50pm  TTH  CAC-107
79863 D.Ross  7:00pm-9:50pm  MW  CAC-107
79864 B.Bosworth  7:00pm-9:50pm  TTH  CAC-107

ART-20  Ceramic Sculpture  4.00 UNITS
Introduction to two-dimensional (2D) design, sculptural processes, concepts, and materials with the emphasis on clay.
Materials Fee: $4.00  Transfer: CSU; UC
Grading: Letter grade only

79867 S.Hunter  9:30am-12:20pm  MW  CAC-107
79866 S.Hunter  2:00pm-4:50pm  MW  CAC-107

ART-30  Figure Drawing  3.00 UNITS
Prerequisite: ART-15.
Drawing the human form from the model with an emphasis on structure, anatomy, and its expressive potential.
Materials Fee: $3.00  Transfer: CSU; UC
Grading: Letter grade only

79893 P.Lewis  9:30am-3:20pm  F  CAB-102

ART-32  Intermediate Drawing  4.00 UNITS
Prerequisite: ART-15.
Artistic concepts, styles, and creative expression related to intermediate-level drawing. Focus on complex subject matter and concepts using a variety of drawing mediums, techniques, and methodologies. Students are encouraged to develop work for a portfolio.
Materials Fee: $4.00  Transfer: CSU; UC
Grading: Letter grade only

79888 J.Rochlin  12:30pm-3:20pm  TTH  CAB-102

CREDIT CARD USERS
(VISA, MASTERCARD, AMERICAN EXPRESS AND DISCOVER)
To avoid standing in long lines, Chaffey recommends that you pay your fees online via MyChaffeyVIEW. Credit card payments are processed through the “Official Payments” vendor and have the same security measures whether you make your payment online via your home computer or in person.

Additional sections of some classes may be available; check the Chino, Fontana, Ontario High School, and Online/Hybrid sections.
<table>
<thead>
<tr>
<th>SECTION #</th>
<th>INSTRUCTOR</th>
<th>HOURS</th>
<th>DAYS</th>
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<tbody>
<tr>
<td>ART-35</td>
<td>Intermediate Ceramics</td>
<td>3.00 UNITS</td>
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<tr>
<td></td>
<td>Prerequisite: ART-18.</td>
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<tr>
<td></td>
<td>Performance of tasks and procedures designed to further the student's ability to understand and manipulate clay and glazes and the types of kiln firings.</td>
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<td>Materials Fee: $3.00</td>
<td>Transfer: CSU; UC</td>
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<td>Grading: Letter grade only</td>
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</tr>
<tr>
<td>79871</td>
<td>L.Haight</td>
<td>9:30am-9:20pm</td>
<td>F</td>
<td>CAC-107</td>
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<tr>
<td>79868</td>
<td>B.Kohl</td>
<td>2:00pm-4:50pm</td>
<td>TTH</td>
<td>CAC-107</td>
</tr>
<tr>
<td>79869</td>
<td>D.Ross</td>
<td>7:00pm-9:50pm</td>
<td>MW</td>
<td>CAC-107</td>
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<tr>
<td>79870</td>
<td>B.Bosworth</td>
<td>7:00pm-9:50pm</td>
<td>TTH</td>
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<tr>
<td>ART-44</td>
<td>Mixed-Media Studio and Theory</td>
<td>3.00 UNITS</td>
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<td>Advisory: Completion of ART-12.</td>
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<tr>
<td></td>
<td>Development of both 2D and 3D projects. Experimental use of materials and techniques such as collage, assemblage, installation and site-specific works. Media may include fiber, metal, wood, plastic, and found objects.</td>
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<td>Materials Fee: $3.00</td>
<td>Transfer: CSU; UC</td>
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<td>Grading: Letter grade only</td>
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<tr>
<td>79894</td>
<td>M.BurrueL</td>
<td>9:30am-11:50am</td>
<td>TTH</td>
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<tr>
<td>ART-62A</td>
<td>Illustration I</td>
<td>3.00 UNITS</td>
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<td></td>
<td>Prerequisite: ART-10 or 14.</td>
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<td>Advisory: Completion of ART-16, 44, or 63.</td>
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<td></td>
<td>Study of significant works of art in the fields of illustration and graphic design to increase visual awareness. The development of basic visual skills.</td>
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<td>Materials Fee: $3.00</td>
<td>Transfer: CSU</td>
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<td>Grading: Letter grade only</td>
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<tr>
<td>79895</td>
<td>C.Farrand</td>
<td>9:30am-11:50am</td>
<td>TTH</td>
<td>CAB-102</td>
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<tr>
<td>ART-63</td>
<td>Introduction to Graphic Design</td>
<td>4.00 UNITS</td>
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<td>Prerequisite: ART-63 or 82.</td>
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<td>Advisory: Completion of ART-82.</td>
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<td></td>
<td>Introduction to the essential principles and historical aspects of digital imaging and design. Project-based experience, with current hardware and software used in contemporary visual communications.</td>
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<tr>
<td>79872</td>
<td>L.Cook</td>
<td>9:30am-12:20pm</td>
<td>MW</td>
<td>CAA-119</td>
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<td>79873</td>
<td>M.Syrop</td>
<td>12:30pm-3:20pm</td>
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<td>CAA-119</td>
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<tr>
<td>79874</td>
<td>M.Syrop</td>
<td>3:30pm-6:20pm</td>
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<tr>
<td>79875</td>
<td>M.Syrop</td>
<td>3:30pm-6:20pm</td>
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<td>CAA-119</td>
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<tr>
<td></td>
<td>and SECT 79875: Hybrid class. See page 152 for more info.</td>
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<tr>
<td>ART-73</td>
<td>Typography and Layout</td>
<td>4.00 UNITS</td>
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<td>Prerequisite: ART-63 or 82.</td>
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<td></td>
<td>Introduction to the principles and practice of the universally important skills in the design field. Projects are directed toward both print media and screen-based projects.</td>
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<td>Materials Fee: $15.00</td>
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<td>Grading: Letter grade only</td>
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<tr>
<td>79876</td>
<td>K.Stadler</td>
<td>9:30am-12:20pm</td>
<td>TTH</td>
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</table>

**JUST A REMINDER**

**FOOD AND DRINK ARE NOT APPROPRIATE IN FORMAL INSTRUCTIONAL AREAS.**  
UNDER NO CIRCUMSTANCES IS FOOD OR DRINK PERMITTED AT COMPUTER LAB STATIONS.
### Astronomy (ASTRON)

**ART-5** Survey of Western Art from Renaissance to Contemporary  
3.00 UNITS
Survey of the architecture, sculpture, and art of past cultures of the Western World from the Renaissance through the Modern period.  
Materials Fee: $3.00  
Transfer: CSU; UC  
Grading: Letter grade only

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<tr>
<td>79856</td>
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<td>11:00am-12:20pm</td>
<td>MW</td>
<td>CAA-211</td>
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<tr>
<td>79854</td>
<td>J.Machado</td>
<td>3:00pm-6:30pm</td>
<td>MW</td>
<td>CAA-211</td>
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<tr>
<td>79858</td>
<td>D.Plotke</td>
<td>7:00pm-9:50pm</td>
<td>T</td>
<td>CAA-211</td>
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</table>

**ART-9** Art of the Ancient Americas  
3.00 UNITS
Survey of visual and material culture within the historical context of selected ancient American civilizations in Mexico, Central America, and South America, up to European contact.  
Materials Fee: $3.00  
Transfer: CSU; UC  
Grading: Letter grade only

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<tbody>
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<td>9:30am-10:50am</td>
<td>MW</td>
<td>CAA-211</td>
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</tbody>
</table>

**ART-11** Survey of Asian Arts  
3.00 UNITS
Historical survey of the art, architecture, religion, and history of India, south and southeast Asia, China, Korea, and Japan from prehistory to modern times.  
Materials Fee: $3.00  
Transfer: CSU; UC  
Grading: Letter grade only

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<tr>
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<td>D.Shimkhada</td>
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</table>

### Automotive Technology (AUTOTEC)

**AUTOTEC-10** Service and Repair  
4.00 UNITS
Introduction to the automotive service industry. Basic principles of the operation of engines, transmissions, driveline, steering, suspension and braking systems, and heating and air conditioning systems.  
Materials Fee: $7.00  
Transfer: CSU  
Grading: Letter grade only

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<td>81073</td>
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<td>ATL-121</td>
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<tr>
<td>81072</td>
<td>S.Burks</td>
<td>9:30am-12:20pm</td>
<td>TTH</td>
<td>ATL-121</td>
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<tr>
<td>81074</td>
<td>T.Bender</td>
<td>3:30pm-6:20pm</td>
<td>TTH</td>
<td>ATL-115</td>
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<tr>
<td>81075</td>
<td>S.Burks</td>
<td>7:00pm-9:50pm</td>
<td>MW</td>
<td>ATL-121</td>
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</tbody>
</table>

**AUTOTEC-15** Automotive Electricity and Electronics  
2.00 UNITS
Basic automotive electricity and electronics. Diagnosis of typical automotive electrical concerns using wiring diagrams and schematics. Emphasis on the use of digital multimeters for troubleshooting.  
Materials Fee: $7.00  
Transfer: CSU  
Grading: Letter grade only

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<td>ATL-109A</td>
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<tr>
<td>81079</td>
<td>STAFF</td>
<td>6:00pm-8:50pm</td>
<td>F</td>
<td>ATL-109A</td>
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</table>

**AUTOTEC-417** Brakes  
Advisory: Completion of AUTOTEC-10 and 15.  
Diagnosis, service, and repair of disc and drum brake systems and related hydraulic, mechanical, and electrical systems. Anti-lock brake operation is introduced. Supports the ASE A5 Exam.  
Materials Fee: $12.00  
Grading: Letter grade only

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<td>ATL-115</td>
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</table>

**AUTOTEC-422** Fuel, Ignition, and Emission Control Systems  
5.00 UNITS
Prerequisite: AUTOTEC-10 or 450, and AUTOTEC-15 or 429 or 455.  
Operation and interrelationships of the fuel, ignition, emission control, and exhaust systems. Emphasis on the diagnosis of engine performance and related emissions. This course - together with AUTOTEC-423 - prepares students to take the ASE A8 Technician Certification exam or the BAR California A8 Equivalent exam.  
Materials Fee: $10.00  
Grading: Letter grade only

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</table>

**AUTOTEC-429** Advanced Automotive Electrical Systems  
4.00 UNITS
Prerequisite: AUTOTEC-15 or 455.  
Operation and service of automotive electrical systems. Emphasis on wiring diagrams and using test equipment to diagnose electrical/electronic systems. Supports the ASE A6 Exam.  
Materials Fee: $4.00  
Grading: Letter grade only

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</table>
## Aviation Maintenance Technology (AMT)

**AMT-15** Introduction to Aviation Maintenance 14.00 UNITS

Aerospace materials, hardware, manufacturing processes and safety, blueprint reading, inspection techniques, aircraft servicing and corrosion control, and FAA regulations. Includes FAA-required General Aeronautics lab hours for Airframe and/or Powerplant Technician’s license.

Materials Fee: $0.00  
Grading: Letter grade only

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<tr>
<td>81055 F.Elardi</td>
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<tr>
<td>81055 L.Hultgren</td>
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**AMT-16A** Aviation Materials, Processes, Inspections and Regulations

Corequisite: AMT-15 (may be taken previously).  
General Aeronautics laboratory that fulfills FAA practical aeronautical applications lab hours in aerodynamics, FAA and manufacturer’s publication, aircraft materials and processes, blueprint reading, aircraft servicing and mathematics.  
Materials Fee: $0.00  
Grading: Letter grade only

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<td>81056 J.Little</td>
<td>2:15pm-4:00pm</td>
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<tr>
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**AMT-16B** Aviation Science 1.00 UNITS

Corequisite: AMT-15 (may be taken previously).  
General aeronautics laboratory that fulfills FAA practical aeronautical applications lab hours in physics, weight and balance, electricity and mathematics.  
Materials Fee: $0.00  
Grading: Letter grade only

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**AMT-25** Powerplant: Aircraft Reciprocating Engines 7.00 UNITS

Prerequisite: AMT-15 (or AMT-12).  
Theory, fundamentals, construction, maintenance and operation of reciprocating/turbojet aircraft engines and related training for the FAA Powerplant maintenance technician’s license. Lab emphasizes engine repair, overhaul, installation and operation.  
Materials Fee: $0.00  
Grading: Letter grade only

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**AMT-27** Powerplant: Reciprocating Engine Fuel and Auxiliary Systems 7.00 UNITS

Prerequisite: AMT-15 (or AMT-12).  
Airplane reciprocating engine fuel, propeller, and auxiliary systems overhaul, repair, installation, and operation. Lab emphasizes engine induction, cooling, and exhaust systems.  
Materials Fee: $0.00  
Grading: Letter grade only

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**AMT-28A** Powerplant: Reciprocating Engine Inspection 1.00 UNITS

Prerequisite: AMT-15 (or AMT-12).  
Corequisite: AMT-25 (may be taken previously).  
Powerplant laboratory course to fulfill FAA practical applications relating to aircraft reciprocating engine inspection, airworthiness directives, and type certificate data sheet compliance. Projects include reciprocating engine on-wing inspection (50 and 100 hour) for continued airworthiness, airworthiness directive and type certificate data sheet compliance.  
Materials Fee: $0.00  
Grading: Letter grade only

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**UNIT LIMIT**

Effective Summer 2014, students exceeding 100 units earned (excluding 500-level courses) lose their registration priority.

Per California Community College state regulatory changes. See www.chaffey.edu/student-success for more info.

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*Additional sections of some classes may be available; check the Chino, Fontana, Ontario High School, and Online/Hybrid sections.*
### AMT-28C  Powerplant: Turbine Engine Auxiliary  1.00 UNITS

**Prerequisite:** AMT-15 (or AMT-12).
**Corequisite:** AMT-27 (may be taken previously).

Powerplant laboratory course to fulfill FAA practical applications relating to aircraft turbine engine auxiliary systems. Projects include turbine engine indicating, ignition, lubrication and fuel systems.

- Materials Fee: $0.00  Transfer: CSU
- Grading: Letter grade only

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### AMT-36  Airframe Primary Systems  7.00 UNITS

**Prerequisite:** AMT-15 (or AMT-12).

Aircraft electrical, hydraulic and landing gear systems. Related training for FAA airframe maintenance technician’s license. Lab emphasizes electrical and hydraulic landing gear systems, and lighting systems.

- Materials Fee: $0.00  Transfer: CSU
- Grading: Letter grade only

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### AMT-37  Airframe Secondary Systems  7.00 UNITS

**Prerequisite:** AMT-15 (or AMT-12).

Aircraft ice and rain protection systems; fire warning and extinguishing systems; pressurization systems; cockpit instrument systems; avionics systems; oxygen system inspection; anti-skid warning systems; door warning lights; and interior light systems. Related training for FAA airframe maintenance technician’s license.

- Materials Fee: $0.00  Transfer: CSU
- Grading: Letter grade only

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### AMT-38B  Airframe Structure: Hydraulic Systems  1.00 UNITS

**Prerequisite:** AMT-15 (or AMT-12).
**Corequisite:** AMT-36 (may be taken previously).

Airframe laboratory course to fulfill FAA practical applications relating to inspection, operation, and repair of aircraft hydraulic landing gear systems.

- Materials Fee: $0.00  Transfer: CSU
- Grading: Letter grade only

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### AMT-38C  Airframe Structure: Secondary Systems  1.00 UNITS

**Prerequisite:** AMT-15 (or AMT-12).
**Corequisite:** AMT-37 (may be taken previously).

Airframe laboratory course to fulfill FAA practical applications relating to the proper inspection, operation, and repair of fire-warning/fire extinguishing systems, ice warning systems, and anti-skid systems.

- Materials Fee: $0.00  Transfer: CSU
- Grading: Letter grade only

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### Biology (BIOL)

**BIOL-1  General Biology  4.00 UNITS**

Introduction to the major themes and principles in biology. Topics range from molecules to the ecosystem.

- Materials Fee: $9.00  Transfer: CSU; UC credit limitations.
- Grading: Letter grade only

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(more sections are at Chino and Fontana)

**BIOL-2  Environmental Biology  4.00 UNITS**

An overview of ecosystem structure and function. Topics include overpopulation, resource depletion, pollution, climate change, habitat fragmentation, and loss of biodiversity. Course includes a weekend field trip.

- Materials Fee: $9.00  Transfer: CSU; UC credit limitations.
- Grading: Letter grade only

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**SECT 81774:** A weekend field trip on 10/18-10/19 is required.

**BIOL-10  Concepts in Biology  3.00 UNITS**

Introduction to the major themes and principles of biology including energy flow and metabolism, structure/function relationships, inheritance patterns, ecology, evolution, and diversity of biological organisms.

- Materials Fee: $3.00  Transfer: CSU; UC credit limitations.
- Grading: Letter grade only

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(more sections are at Fontana and Ontario High School)

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Additional sections of some classes may be available; check the Chino, Fontana, Ontario High School, and Online/Hybrid sections.
GoSmart Program

A required transportation fee of $7.50 for students registered in six (6) or more units and $7.00 for students registered in less than six (6) units in the Fall and Spring semesters allows students to ride all of Omnitrans’ fixed route bus services at no charge during the semester by using their Student ID card. Additionally, students enrolled in the Spring semester are eligible for bus services during the subsequent summer term at no additional cost.

BIOL-12 Introduction to Human Genetics 3.00 UNITS
Introduction to the fundamentals of human heredity including patterns of inheritance, DNA structure and function, the role of mutation in genetic diseases and cancer, and interaction between genes and the environment.
Materials Fee: $3.00 Transfer: CSU; UC
Grading: Letter grade only

BIOL-14 Health Science 3.00 UNITS
Topics include mental health; nutrition; and the abuse of drugs, alcohol and tobacco.
Materials Fee: $3.00 Transfer: CSU; UC
Grading: Letter grade only

BIOL-20 Human Anatomy 4.00 UNITS
Prerequisite: Eligibility for ENGL-1A as determined by the Chaffey assessment process, or satisfactory completion of ENGL-450 or ENGL-475, or ESL-450 or ESL-475, or READ-550.
Study of the microscopic and macroscopic structures of the human body.
Materials Fee: $14.00 Transfer: CSU; UC
Grading: Letter grade only

BIOL-22 Human Physiology 4.00 UNITS
Prerequisite: BIOL-20, and CHEM-9 or 10 or 1 year of high school chemistry.
The nature of life processes in the human body, including cell physiology and functions, and interrelationships of the organ systems.
Materials Fee: $9.00 Transfer: CSU; UC
Grading: Letter grade only

BIOL-23 General Microbiology 3.00 UNITS
Prerequisite: BIOL-22 or 61.
Introduction to microbiology with strong emphasis on microorganisms pathogenic to humans.
Materials Fee: $3.00 Transfer: CSU; UC
Grading: Letter grade only

BIOL-23L General Microbiology Laboratory 2.00 UNITS
Corequisite: BIOL-23 (may be taken previously).
Introduction to microbiology laboratory techniques. Methods of culturing, staining, biochemically analyzing, and classifying microorganisms. NOTE: Attendance ON TIME at the first class meeting is MANDATORY!
Materials Fee: $15.00 Transfer: CSU; UC
Grading: Letter grade only

BIOL-30 Beginning Medical Terminology 3.00 UNITS
Applied medical etymology including the origin, correct spelling, pronunciation, meaning, and current usage of common medical terms.
Materials Fee: $3.00 Transfer: CSU
Grading: Letter grade only

MyChaffeyVIEW
(HOURS OF OPERATION)

The MyChaffeyVIEW Online services system is typically available 24 hours a day, Monday-Saturday, except where noted.
MyChaffeyVIEW is usually not available on Sundays due to system maintenance.
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### BIOL-61 Introduction to Cell and Molecular Biology
Prerequisite: CHEM-10 or 1 year of high school chemistry, and eligibility for MATH-25 or higher level math as determined by the Chaffey assessment process, or completion of MATH-425.
Advisory: Completion of ENGL-1A.
Introduction to cell and molecular biology emphasizing biochemical, structural, metabolic, and genetic aspects of cells. Lab uses instrumentation, techniques & data analysis relevant to cell and molecular biology.
Materials Fee: $5.00
Grading: Letter grade only

### BIOL-62 Biology of Organisms
Prerequisite: BIOL-61.
An introduction to the origin and evolution of life on earth, emphasizing systematics, anatomy, physiology, and development.
Materials Fee: $5.00
Grading: Letter grade only

### BIOL-63 Evolutionary Ecology
Prerequisite: BIOL-61.
Introduction to the principles, theories, and methods of evolutionary ecology, applied to systems ranging from organisms to ecosystems. Course includes one or more overnight field trips.
Materials Fee: $9.00
Grading: Letter grade only

### BIOL-424 Anatomy and Physiology
Advisory: Completion of BIOL-30.
Human anatomy and physiology with emphasis on the structures and functions of the organ systems. Course is primarily intended for students entering related vocational programs.
Materials Fee: $3.00
Grading: Letter grade only

### Student Health Services
First Aid • Doctor’s Visits • Counseling
Immunizations • Lab Tests
Call (909) 652-6331 for same day appointments

### FEE PAYMENTS
Students receiving Financial Aid, 3rd party sponsored billing, and students enrolled in the Facts Payment plan (see www.chaffey.edu/cashier/facts.shtml) will not be dropped from their classes for non-payment.
For everyone else, payment is due not more than 10 calendar days from the date of registration (including holidays and weekends).
For more detailed information, see the Payment Deadline information on pages 12-15 and Payment Date Due Chart on page 16.
**Business (BUS)**

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**BUS-10** Introduction to Business 3.00 UNITS
Multidisciplinary examination of how culture, society, economic systems, legal, international, political, financial institutions, and human behavior interact to affect a business organization’s policy and practices within the U.S. and a global society.
Materials Fee: $3.00  Transfer: CSU; UC
Grading: Letter grade only

**BUS-28A** Business Law I 3.00 UNITS
U.S. and state law, Uniform Commercial Code, agency, due process, contract and tort law, crime, and ethics. Application of appropriate rules, laws, and concepts to factual scenarios in written and oral arguments. (C-ID BUS 125)
Materials Fee: $3.00  Transfer: CSU; UC credit limitations.
Grading: Letter grade only

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<tr>
<td>81093</td>
<td>V.Julien-Peto</td>
<td>7:00pm-9:50pm</td>
<td>T</td>
<td>BE-111</td>
</tr>
</tbody>
</table>

**BUS-28B** Business Law II 3.00 UNITS
Prerequisite: BUS-28A
Commercial paper, creditors' rights, secured transactions, agency, employment, partnerships, corporations, property, and regulations. Application of rules, laws, and concepts to scenarios in written and oral arguments.
Materials Fee: $3.00  Transfer: CSU; UC credit limitations.
Grading: Letter grade only

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<td>TTH</td>
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**BUS-49** Business Decisions Using Basic Quantitative Tools 3.00 UNITS
Business and management decision-making using basic quantitative tools. Students must supply their own business calculator.
Materials Fee: $3.00  Transfer: CSU
Grading: Letter grade only

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<td>6:00pm-9:00pm</td>
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</table>

**BUS-60** Business Ethics 3.00 UNITS
Systems approaches for responsible, practical, defendable decisions. Value-based strategies, systemic implementation of socially responsible tools, and integration of ethics into workplace operations.
Materials Fee: $3.00  Transfer: CSU
Grading: Letter grade only

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<td>5:30pm-6:50pm</td>
<td>MW</td>
<td>BE-103</td>
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</tbody>
</table>

Additional sections of some classes may be available; check the Chino, Fontana, Ontario High School, and Online/Hybrid sections.

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**BUS-61** Introduction to Global Business 3.00 UNITS
Examine the operation and performance of multinational corporations. Analyze social, cultural, legal, environmental, political, technological, and competitive trends within international business.
Materials Fee: $3.00  Transfer: CSU
Grading: Letter grade only

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**Business: Management (BUSMGT)**

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<td>6:00pm-9:00pm</td>
<td>F</td>
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</tbody>
</table>

**BUSMGT-11** Retail Merchandising and Management 3.00 UNITS
Analysis of customer needs, store location, layout, merchandising mix, vendor negotiation, pricing, display, advertising, and inventory control in the operation of a retail store.
Materials Fee: $3.00  Transfer: CSU
Grading: Letter grade only

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<th>SECTION #</th>
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</tr>
<tr>
<td>81091</td>
<td>T.Brusselle</td>
<td>7:00pm-9:50pm</td>
<td>M</td>
<td>BE-103</td>
</tr>
</tbody>
</table>

**BUSMGT-40** Introduction to Management 3.00 UNITS
Management concepts, functions, and skills applicable to work environments. Application of management theory to practices that improve effectiveness and efficiency, and enhance national and international competitiveness.
Materials Fee: $3.00  Transfer: CSU; UC
Grading: Letter grade only

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<td>7:00pm-9:50pm</td>
<td>M</td>
<td>BE-103</td>
</tr>
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</table>

**BUSMGT-42** Human Resource Management 3.00 UNITS
Advisory: Completion of BUSMGT-40.
Formulation and implementation of human resource policy concerned with the major aspects of how an organization manages its people.
Materials Fee: $3.00  Transfer: CSU
Grading: Letter grade only

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**BUSMGT-44** Introduction to Human Relations 3.00 UNITS
Understanding group and individual dynamics, perception, conflict, motivation, leadership, influence, authority relationships, and causation of behavior.
Materials Fee: $3.00  Transfer: CSU
Grading: Letter grade only

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Visit our website at www.chaffey.edu for application and registration information.
### Fall 2014/Spring 2015 Schedule of Classes

#### Business: Marketing (BUSMKT)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Units</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUSMKT-45</td>
<td>Small Business Ownership and Management</td>
<td>3.00</td>
<td>Fundamentals of owning and operating a small business including finance, employment law, and marketing strategies.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Grading: Letter grade only</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Materials Fee: $3.00 Transfer: CSU</td>
</tr>
<tr>
<td>81119 V.Thomas</td>
<td>8:00am-9:20am MW BE-113</td>
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<td>Last day to add: 08/25/14</td>
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<tr>
<td>81098 V.Thomas</td>
<td>9:30am-10:50am TH BE-101</td>
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<td>SECT 81098: Hybrid class. See page 152 for more info.</td>
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<td>81106 G.Carlson</td>
<td>7:00pm-9:50pm TH BE-111</td>
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</table>

**BUSMGT-436 Introduction to Logistics Management 3.00 UNITS**

Logistics fundamentals with emphasis on outbound goods movement. Topics include warehouse/distribution site selection, supply chain, customer service, packaging, and transportation functions.

- Materials Fee: $3.00
- Grading: Letter grade only
- (section is at Chino)

**BUSMGT-440 Principles of Leadership 2.00 UNITS**

Styles and tactics used by effective leaders to enhance individual and team performance.

- Materials Fee: $2.00
- Grading: Letter grade only

**BUSMGT-480 Principles of Supervision 3.00 UNITS**

Advisory: Completion of MGMT-40, MGMT-460, or BUS-60. Management functions and techniques of supervising and motivating personnel, including employee/management relations, problem solving, decision making, planning, conflict management, and case studies in functional supervision.

- Materials Fee: $3.00
- Grading: Letter grade only

**BUSMKT-40 Marketing Principles 3.00 UNITS**

Advisory: Completion of BUS-10. Marketing principles and methods covering management, demand analysis, forecasting, product development, pricing, distribution, material handling, advertising, personal selling, and global and Internet marketing.

- Materials Fee: $3.00 Transfer: CSU
- Grading: Letter grade only

**BUSMKT-55 Advertising 3.00 UNITS**

Historical, economic, social, and psychological appeal of advertising. Practical and psychological aspects of product packaging and trademarks. Ad media, management, campaigns, budgeting, evaluation, and career trends.

- Materials Fee: $3.00
- Grading: Letter grade only

**BUSMKT-402 Introduction to Import/Export 3.00 UNITS**

Advisory: Completion of BUS-61 or equivalent business experience. Fundamentals of importing and exporting goods including essential terms, strategies, organizations, regulations, terms of access, documentation, shipment, and financing involved with international movement of merchandise.

- Materials Fee: $3.00
- Grading: Letter grade only

**Business: Paralegal Studies (BUSPL)**

**BUSPL-400 Introduction to Paralegal Studies 3.00 UNITS**

Relationships between paralegals, attorneys, and clients. Career options, ethics, investigations, litigation assistance, legal research and writing, computer use, and general law office administration.

- Materials Fee: $3.00
- Grading: Letter grade only

**BUSPL-401 Legal Research and Writing 3.00 UNITS**

Advisory: Completion of BUSPL-400, and BUSOT-88 or ENGL-1A. Legal research, writing, and analysis. Statute analysis, primary and secondary sources, computer research, opinion letters, pleadings, law office memos, case briefs, memorandums of law, and legal citation rules.

- Materials Fee: $3.00
- Grading: Letter grade only

**BUSPL-403 Evidence 3.00 UNITS**

Advisory: Completion of BUSPL-400. Study of California and Federal Evidence, a paralegals role regarding evidence, collection, relevance, character evidence, competency, impeachment, experts, hearsay and constitutional limits on admissible evidence.

- Materials Fee: $3.00
- Grading: Letter grade only

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**You will be notified via email if you are waitlisted for a class?**

**Wait listed for a class?**

**You will be notified via email if you are able to add, so be sure to review and update your email information on my.chaffeyview.**

**See the waitlist policy on page 11 for more information.**
## Business and Office Technologies (BUSOT)

### BUSOT-40A  Beginning Computer Keyboarding  3.00 UNITS
Beginning computer keyboarding with mastery of alphabetic and numeric keyboard and correct touch-typing techniques. Introduction to the personal computer, word processing, and disk management.

- **Materials Fee:** $5.00  
- **Transfer:** CSU
- **Grading:** Letter grade only

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<thead>
<tr>
<th>SECTION #</th>
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<td>8:00am-9:20am</td>
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<tr>
<td>81134</td>
<td>J.Osgood</td>
<td>8:00am-9:20am</td>
<td>TTH</td>
<td>BE-106</td>
</tr>
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<td>81133</td>
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<td>81141</td>
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<td>12:30pm-1:50pm</td>
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<td>81136</td>
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81142 S.Escalante 12:30pm-4:00pm TTH BE-113  
81143 S.Escalante 12:30pm-4:00pm TTH BE-106  
10/21/14-12/11/14 Last day to add: 10/27/14  
SECT 81143: Fast-Track class; see pages 168-174 for more info.

**Materials Fee:** $3.00  
**Transfer:** CSU

**Advisory:** Completion of BUSOT-40A.

**Description:** Develop computer literacy. Analyze, evaluate, and improve keyboarding speed and accuracy using correct keying technique and specific prescriptive drills and practice. Proficiency certificate may be earned.

**Materials Fee:** $5.00  
**Transfer:** CSU

**Grading:** Letter grade only

### BUSOT-40B  Computer Keyboarding: Speed and Accuracy  3.00 UNITS
Development

Develop computer literacy. Analyze, evaluate, and improve keyboarding speed and accuracy using correct keying technique and specific prescriptive drills and practice. Proficiency certificate may be earned.

- **Materials Fee:** $5.00  
- **Transfer:** CSU
- **Grading:** Letter grade only

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10/21/14-12/11/14 Last day to add: 10/27/14  
SECT 81148: Fast-Track class; see pages 168-174 for more info.

### BUSOT-50  Filing and Records Management  3.00 UNITS
Apply basic filing principles and procedures (ARMA) for information storage and retrieval of various record types in multiple filing systems and management aspects of records retention and disposition of records.

- **Materials Fee:** $3.00  
- **Transfer:** CSU
- **Grading:** Letter grade only

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<td>TTH</td>
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### BUSOT-60A  Microsoft Office Word - Specialist  3.00 UNITS
Advisory: Completion of BUSOT-40A.

MS Word. Develop personal and workplace skills to build a foundation for other Windows software applications. Customize and format academic papers, business reports, tables, columns, and graphics.

- **Materials Fee:** $5.00  
- **Transfer:** CSU
- **Grading:** Letter grade only

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<td>TTH</td>
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<td>7:00pm-9:50pm</td>
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<td>BE-106</td>
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(more sections are online and at Fontana)

### BUSOT-61  Microsoft Office PowerPoint  1.50 UNITS
Advisory: Completion of BUSOT-40A and 60A.

Learn concepts, formatting features, and visual media/animation effects of a presentation software program to create and share effective electronic presentations for support personnel and business managers.

- **Materials Fee:** $3.00  
- **Transfer:** CSU
- **Grading:** Letter grade only

### BUSOT-62  Microsoft Office Outlook  1.50 UNITS
Advisory: Completion of BUSOT-40A or a minimum typing speed of 20 words per minute.

Electronic information management of e-mail; appointments; conferences, and task scheduling; and integration of other software applications to manage work flow.

- **Materials Fee:** $2.50  
- **Transfer:** CSU
- **Grading:** Letter grade only

### BUSOT-63  MS Office Excel - Comprehensive  3.00 UNITS
Advisory: Completion of BUSOT-40A and 60A.

Use advanced formulas and features to create worksheets, including spreadsheets, charts, pivot tables, IF functions, templates, and sorting and filtering records.

- **Materials Fee:** $5.00  
- **Transfer:** CSU
- **Grading:** Letter grade only

### BUSOT-64A  Microsoft Office Access - Specialist  1.50 UNITS
Advisory: Completion of BUSOT-40A.

Create and use electronic databases and design queries, forms, and reports to effectively display data records that can be used in making business decisions.

- **Materials Fee:** $3.00  
- **Transfer:** CSU
- **Grading:** Letter grade only

### UNIT LIMIT
Effective Summer 2014, students exceeding 100 units earned (excluding 500-level courses) lose their registration priority.

Per California Community College state regulatory changes. See www.chaffey.edu/student-success for more info.
### BUSOT-64B  Microsoft Office Access - Expert  1.50 UNITS
Advisory: Completion of BUSOT-64A.  
Mastery of core and advanced features of Access databases in working with databases, tables, reports, forms, and queries, and integration with other software.  
Materials Fee: $3.00  
Grading: Letter grade only  

(section is online)

### BUSOT-400  Job Search and Interviewing Techniques  1.50 UNITS
Advisory: Completion of BUSOT-60A.  
Strategies to organize a job search, prepare a marketable resume and letter of application, create a career portfolio, respond to frequently asked interview questions, and practice successful interviewing techniques.  
Materials Fee: $3.00  
Grading: Letter grade only  

81132 STAFF 12:30pm-2:15pm MW BE-106  
10/20/14-12/10/14 Last day to add: 10/26/14

### BUSOT-410A  Microsoft Office Publisher - Specialist  1.50 UNITS
Advisory: Completion of BUSOT-410A.  
Desktop publishing application using MS Publisher. Introduction to concepts for in-house publications such as brochures and flyers, newsletters, and general advertisements.  
Materials Fee: $3.00  
Grading: Letter grade only  

(section is online)

### BUSOT-410B  Microsoft Office Publisher - Expert  1.50 UNITS
Advisory: Completion of BUSOT-410A.  
Advanced desktop publishing features of MS Publisher. Emphasis on creating style sheets and master pages, special effects, templates, scanned images, and long documents.  
Materials Fee: $3.00  
Grading: Letter grade only  

81151 J.Osgood 11:00am-12:20pm MW BE-106

### BUSOT-452  Office Financial Recordkeeping  3.00 UNITS
Recordkeeping procedures to broaden skills of the office professional in handling financial records relevant to small business operations. Includes mastery of the 10-key display calculator features.  
Materials Fee: $3.00  
Grading: Letter grade only  

81153 A.Omlor 9:30am-10:50am MW BE-108  
81152 A.Omlor 7:00pm-9:50pm T BE-106  
(sections are at Chino)

### BUSOT-455  Fundamentals of English for Business  3.00 UNITS
Study, review, and practice of grammar, punctuation, vocabulary, and sentence structure to prepare students for employment and college-level business writing courses and for effective business communication skills.  
Materials Fee: $3.00  
Grading: Letter grade only  

81155 C.Henry 7:00pm-9:50pm TH BE-106

### BUSOT-460  Proofreading: Text-Editing Skills  3.00 UNITS
Advisory: Completion of or concurrent enrollment in BUSOT-60A and 455.  
Develop essential skills needed to perform proofreading and text-editing functions for the automated office. Emphasis on formatting and accuracy of input using word processing software and office reference manuals.  
Materials Fee: $3.00  
Grading: Letter grade only  

81154 STAFF 5:30pm-6:50pm MW BE-108

### BUSOT-470  Office Systems and Procedures  3.00 UNITS
Advisory: Completion of BUSOT-60A and BUSOT-88.  
Emphasis on work procedures, technology in the office, stress- and time-management techniques, teamwork, customer service, event planning, office ethics and etiquette, and business travel arrangements.  
Materials Fee: $3.00  
Grading: Letter grade only  

81155 C.Henry 7:00pm-9:50pm TH BE-106

### Chemistry (CHEM)

#### CHEM-7  Chemistry in Everyday Life With Lab  4.00 UNITS
Prerequisite: MATH-410, or eligibility for MATH-410 as determined by the Chaffey assessment process, or one year of high school algebra.  
Introduction to scientific measurements, the scientific method, and the application of chemical principles to everyday life. Course includes laboratory activities.  
Materials Fee: $12.00  
Grading: Letter grade only  
Transfer: CSU; UC credit limitations  
(sections are at Chino)

#### CHEM-8  Chemistry in Society  3.00 UNITS
Prerequisite: MATH-410.  
Advisory: Completion of ENGL-475.  
How scientific measurements are taken and presented, the scientific method, and how chemical principles are applied to everyday life and used to address scientific issues in society.  
Materials Fee: $9.00  
Grading: Letter grade only  
Transfer: CSU; UC credit limitations  
81827 J.Oakdale 12:30pm-1:50pm TTH ZH-122

#### CHEM-9  Health Science Chemistry  5.00 UNITS
Advisory: Eligibility for Mathematics 425 as determined by the Chaffey assessment process, or completion of Mathematics 410 or 401.  
Introduction to the principles of chemistry, including inorganic chemistry, organic chemistry, and biochemistry. Intended for health science students; not a science major course.  
Materials Fee: $15.00  
Grading: Letter grade only  
Transfer: CSU; UC credit limitations  
81828 M.Aggarwal 9:30am-11:20am TTH WH-112  
11:30am-2:20pm T WH-112  
81829 M.Aggarwal 9:30am-11:20am TTH WH-112  
11:30am-2:20pm TH CHEM-108
### CHEM-10  
**Introductory Chemistry**  
**4.00 UNITS**  
Prerequisite: Eligibility for MATH-425 as determined by the Chaffey assessment process, or completion of MATH-410, or one year of high school algebra.  
Introduction to the principles of chemistry with an emphasis on measurements, atomic and molecular structure, classification of matter, nomenclature, stoichiometry, chemical equations, solutions and acid-base chemistry. Laboratory activities emphasize proper techniques, safety procedures, and experimental exercises in support of lecture content.  
Materials Fee: $12.00  
Transfer: CSU; UC credit limitations  
Grading: Letter grade only

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</table>

(more sections are at Chino and Fontana)

### CHEM-12  
**Elementary Organic and Biochemistry**  
**4.00 UNITS**  
Survey course in organic and biochemistry. Intended for health science students; not a science major course.  
Materials Fee: $12.00  
Transfer: CSU; UC credit limitations  
Grading: Letter grade only

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### CHEM-24A  
**General Chemistry I**  
**5.00 UNITS**  
Prerequisite: CHEM-10 or completion of 1 year of high school chemistry, and eligibility for MATH-25 as determined by the Chaffey assessment process or completion of MATH-425.  
Advisory: Completion of or concurrent enrollment in MATH-25.  
First semester General Chemistry for Science and Engineering students. Topics include: atomic structure and periodic properties; types and structure of matter; thermochemistry; chemical reactions; stoichiometry; nomenclature; bonding models and theories; gas, liquid, solid, and solution properties. Laboratory with hands-on activities to reinforce lecture concepts, develop chemical laboratory techniques, and use the scientific methods of inquiry. (C-ID CHEM 110 and 120S)  
Materials Fee: $5.00  
Transfer: CSU; UC  
Grading: Letter grade only

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<tr>
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</table>

### CHEM-24B  
**General Chemistry II**  
**5.00 UNITS**  
Prerequisite: CHEM-24A.  
Advisory: Completion of or concurrent enrollment in MATH-25.  
Second semester General Chemistry for Science and Engineering students. Topics include kinetics, equilibrium, acid/base/buffers, thermodynamics, electrochemistry, nuclear chemistry, descriptive chemistry, and organic chemistry. Laboratory provides hands-on activities to reinforce lecture concepts, develop chemical laboratory techniques, and use the scientific method of inquiry. (C-ID CHEM 120S)  
Materials Fee: $5.00  
Transfer: CSU; UC  
Grading: Letter grade only

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### CHEM-75A  
**Organic Chemistry I**  
**5.00 UNITS**  
Prerequisite: CHEM-75A.  
Chemistry of aliphatic and aromatic hydrocarbons, including their structure, properties, reactions mechanisms, and spectroscopy. Lab work emphasizes techniques of organic synthesis, separation, purification, and characterization. (C-ID CHEM 150 and 160S)  
Materials Fee: $15.00  
Transfer: CSU; UC  
Grading: Letter grade only

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### CHEM-75B  
**Organic Chemistry II**  
**5.00 UNITS**  
Prerequisite: CHEM-75A.  
Continuation of CHEM-75A, expanding the study of organic chemistry to include aromatic compounds, introduction to organometallic compounds, aldehydes and ketones, carboxylic acids and their derivatives, enolates, amines, and introduction to biochemistry. Laboratory work emphasizes the techniques of organic synthesis, purification, qualitative analysis, and analysis by using various spectroscopic methods. (C-ID CHEM 160S)  
Materials Fee: $15.00  
Transfer: CSU; UC  
Grading: Letter grade only

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**Supplemental Instruction (SI) is a series of weekly study sessions facilitated by a trained student leader. Attendance is voluntary and open to anyone enrolled in the selected courses. The study sessions help students improve understanding of course material, develop study strategies, and prepare for tests. Call 909/652-6260 for more information.**
**Child Development and Education (CDE)**

<table>
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<tr>
<td>79067</td>
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(with more sections available at Chino and Fontana)

**CDE-2 Child Growth and Development 3.00 UNITS**

Advisory: *Proof of a negative tuberculosis test within the past 12 months may be required for some site visits.*

Introductory course examining the major physical, psychosocial, and cognitive/linguistic developmental milestones for children - both typical and atypical - from conception to adolescence. (C-ID CDEV 100)

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<tr>
<td>79069</td>
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<td>79070</td>
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<tr>
<td>79071</td>
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<td>12:30pm-1:50pm</td>
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(with more sections available at Chino and Fontana)

**CDE-3 Observation and Assessment 3.00 UNITS**

Advisory: *Proof of a negative tuberculosis test within the past 12 months may be required for some site visits.*

Observation and assessment strategies used to document development, growth, play, and learning. Recording protocols, rating systems, portfolios, and multiple assessment tools are explored. (C-ID ECE 200)

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(with more sections available at Chino and Fontana)

**CDE-4 Child, Family and Community 3.00 UNITS**

Advisory: *Proof of a negative tuberculosis test within the past 12 months may be required for some site visits.*

An examination of the developing child in a societal context, focusing on the interrelationship of family, school and community and emphasizing historical and socio-cultural factors. (C-ID CDEV 110)

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(with more sections available at Chino)

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**CDE-5 Health, Safety and Nutrition 3.00 UNITS**

Advisory: *Proof of a negative tuberculosis test within the past 12 months may be required for some site visits.*

Introduction to the laws, regulations, standards, policies and procedures, and early childhood curriculum related to child health, safety and nutrition. (C-ID ECE 210)

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**CDE-6 Teaching in a Diverse Society 3.00 UNITS**

Advisory: *Proof of a negative tuberculosis test within the past 12 months may be required for some site visits.*

Examination of the development of social identities in diverse societies including theoretical and practical implications of oppression and privilege as they apply to young children, families, programs, classrooms, and teaching. (C-ID ECE 220)

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**CDE-7 Curriculum Development: The Creative Arts 3.00 UNITS**

Limitation on Enrollment: *Proof of a negative tuberculosis test within the past 12 months may be required for some site visits.*

Introduction to the Creative Arts for young children including storytelling, language, visual arts, drama, music, and dance. Theories and techniques to develop children’s creative abilities.

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**CDE-8 Curriculum Development: Math and Sciences 3.00 UNITS**

Advisory: *Proof of a negative tuberculosis test within the past 12 months may be required for some site visits.*

Introduction to how children develop concepts of math and science, including problem-solving abilities, theoretical underpinnings of practice activities, and varied learning strategies and styles.

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Additional sections of some classes may be available; check the Chino, Fontana, Ontario High School, and Hybrid/Online sections.
**CDE-23**  Introduction to Children With Special Needs  
Prerequisite: CDE-2.  
Advisory: Proof of a negative tuberculosis test within the past 12 months may be required.  
Presentation of different types of physical and behavioral difficulties that interfere with normal cognitive, social, and emotional growth.  
Materials Fee: $3.00  
Grading: Letter grade only  
79090 L. Blackman 3:00pm-6:30pm MW CD-124B  
10/20/14-12/10/14 Last day to add: 10/27/14  
SECT 79090: Fast-Track class; see pages 168-174 for more info.  
Corequisite: CDE-25W.

**CDE-24**  Introduction to Curriculum Theory  
Practices  
Limitation on Enrollment: Proof of a negative tuberculosis test within the past 12 months is required.  
Prerequisite: CDE-1, 2, 3, and 4.  
Corequisite: CDE-24W.  
Principles of early childhood growth and development as they apply to appropriate curriculum design.  
(C-ID ECE 130 when combined with CDE-24W)  
Materials Fee: $2.00  
Grading: Letter grade only  
79090 L. Marcotte 5:00pm-6:50pm M CD-124A

**CDE-24W**  Practicum I: Supervised Occupational Work Experience  
Limitation on Enrollment: Proof of a negative tuberculosis test within the past 12 months is required.  
Corequisite: CDE-24.  
Supervised occupational work experience practicum applying principles of early childhood growth and development to teaching. Curriculum planning and implementation. (C-ID ECE 130 when combined with CDE-24)  
Materials Fee: $1.00  
Grading: Letter grade only  
79091 L. Marcotte 60-75 hours arranged work experience OTHR  
SECT 79091: Students must be available three hours per day, two days per week (Monday through Friday), between 9:00am and 12:00pm.  
Grading: Letter grade only  
Materials Fee: $2.00  
Transfer: CSU

**CDE-24**  Advanced Curriculum Theory Principles and Practices  
Limitation on Enrollment: Proof of a negative tuberculosis test within the past 12 months is required.  
Prerequisite: CDE-1, 2, 4, 24, and 24W.  
Corequisite: CDE-25W.  
Advanced principles and practices of curriculum theory of early childhood growth and development, and their application through student teaching. (C-ID ECE 210 when combined with CDE-25)  
Materials Fee: $2.00  
Grading: Letter grade only  
79092 L. Marcotte 5:00pm-6:50pm W CD-124A

**CDE-25W**  Practicum II: Supervised Occupational Work Experience  
Limitation on Enrollment: Proof of a negative tuberculosis test within the past 12 months is required.  
Prerequisite: CDE-1, 2, 4, 24, and 24W.  
Corequisite: CDE-25.  
Advanced, supervised application of the principles of early childhood growth and development to student teaching. Advanced curriculum planning and implementation. (C-ID ECE 210 when combined with CDE-25)  
Materials Fee: $1.00  
Grading: Letter grade only  
79093 L. Marcotte 60-75 hours arranged work experience OTHR  
SECT 79093: Students must be available three hours per day, two days per week (Monday through Friday), between 9:00am and 12:00pm.  
Grading: Letter grade only  
Materials Fee: $3.00  
Transfer: CSU

**CDE-415**  Dynamics of Play  
Practices  
Limitation on Enrollment: Proof of a negative tuberculosis test within the past 12 months may be required for some site visits.  
Analysis of the ways that play affects the social, emotional, and physical development of young children. Methods of analyzing play activities, designing play environments, and facilitating enhanced play experiences.  
Materials Fee: $3.00  
Grading: Letter grade only  
79094 J. Bollman 8:00am-9:20am TTH CD-124A

**CDE-416**  Brain Research and the Implications for Classroom Teaching  
Advisory: Completion of CDE-2.  
Proof of a negative tuberculosis test within the past 12 months may be required for some site visits.  
Introduction to a child’s brain physiology and function.  
Brain research and its relevance to education. Learning and memory, stress and drugs, emotional and intellectual functioning, and gender differences.  
Materials Fee: $3.00  
Grading: Letter grade only  
79095 L. Marcotte 7:00pm-9:50pm M SS-101

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**PREFERRED ENROLLMENT**

**NEW AND RETURNING STUDENTS:** To receive a preferred registration date, you must complete the following actions:
- Fill-out and submit a Chaffey College application
- Attend an orientation session
- Take the Assessment test(s)
- Create an Educational Plan with a counselor

**CONTINUING STUDENTS:** To maintain your preferred registration and financial aid eligibility, you must:
- Remain in Good Academic Standing (2.0 GPA or above)
- Not have exceeded 100 units earned (excluding 500-level courses)

Per the Student Success Act of 2012, Senate Bill 1456, signed into law in September 2012.  
See www.chaffey.edu/student-success for more info

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Additional sections of some classes may be available; check the Chino, Fontana, Ontario High School, and Hybrid/Online sections.
Chinese (CHIN)  
(Also see Am Sign, Arabic, French, & Spanish) 909/652-6903

CHIN-1 Elementary Mandarin Chinese 4.00 UNITS
Introduction to Mandarin Chinese language (listening, speaking, reading, and writing), grammar, vocabulary, Chinese customs, cultural practices, and the geography of China. Ten hours of supplemental learning in a Success Center that supports this course is required. This course corresponds to the first year of high school Chinese.
Materials Fee: $4.00  Transfer: CSU; UC  Grading: Letter grade only

80090 M.Liu  8:00am-9:50am  TTH  LA-101  SECT 80092: Class is held at Upland High School.
80092 E.Lee  5:00pm-6:50pm  MW  UHS-D139

CHIN-2 Elementary Mandarin Chinese 4.00 UNITS
Prerequisite: CHIN-1 or one year of high school Chinese.
Continued study of Mandarin Chinese language (listening, speaking, reading, and writing), grammar, vocabulary, and Chinese customs, cultural practices, and the geography of China. Ten hours of supplemental learning in a Success Center that supports this course is required. This course corresponds to the second year of high school Chinese.
Materials Fee: $4.00  Transfer: CSU; UC  Grading: Letter grade only

80091 M.Liu  10:00am-11:50am  TTH  LA-101  SECT 80093: Fast-Track class; see pages 168-174 for more info.
80093 J.Liu  2:00pm-3:50pm  TTH  TA-1L

CHIN-3 Intermediate Mandarin Chinese I 4.00 UNITS
Prerequisite: CHIN-2 or two years of high school Chinese.
Third semester of Mandarin Chinese focusing on idioms, more advanced grammar, and the continued development of conversation, reading, and writing skills. Ten hours of supplemental learning in a Success Center that supports this course is required.
Materials Fee: $0.00  Transfer: CSU; UC  Grading: Letter grade only

80089 J.Liu  2:00pm-3:50pm  MW  TA-1H
80088 J.Liu  12:30pm-1:50pm  MW  TA-1H

CHIN-18 Chinese Civilization and Culture 3.00 UNITS
General introduction to the basic components of Chinese culture as it has developed over the last five thousand years.
Materials Fee: $0.00  Transfer: CSU; UC  Grading: Letter grade only

80054 J.Whitton  7:15am-10:45am  TTH  TA-1L  SECT 80054: Fast-Track class; see pages 168-174 for more info.
80030 E.Rose  8:00am-9:20am  MW  TA-1L
80045 J.Alvarez  9:30am-10:50am  MW  TA-1L  SECT 80045: Honors class; see page 175 for more info.
80032 E.Rose  11:00am-12:20am  MW  TA-1H
80043 J.Alvarez  11:00am-2:30pm  MW  TA-1L  SECT 80043: Fast-Track class; see pages 168-174 for more info.
80046 J.Alvarez  11:00am-2:30pm  TTH  TA-1H  SECT 80046: Fast-Track class; see pages 168-174 for more info.
80059 V.O.Shaughnessy  12:00pm-2:50pm  F  TA-1H
80057 V.O.Shaughnessy  12:30pm-1:50pm  TTH  TA-1L
80084 Z.Kazmi  2:00pm-3:20pm  MW  TA-1J
80068 K.Deets  3:30pm-4:50pm  TTH  TA-1H
80085 K.Dhalwai  6:00pm-9:00pm  F  TA-1L
80060 D.O.Shaughnessy  7:00pm-9:50pm  M  TA-1H
80062 R.May III  7:00pm-9:50pm  M  TA-1L
80075 D.Schultz  7:00pm-9:50pm  W  TA-1L
80076 D.Schultz  7:00pm-9:50pm  TH  TA-1L  (more sections are at Chino and Fontana)

Cinema (CINEMA)  
(Also see Broadcasting) 909/652-6066

CINEMA-20 Screenwriting - Cinema 3.00 UNITS
Comprehensive overview of scriptwriting for motion pictures and cinematic formats. Students employ writing theory and critical analysis of classical literature to formulate story ideas, development storytelling techniques, and write polished scripts.
Materials Fee: $3.00  Transfer: CSU; UC  Grading: Letter grade only

79754 D.Jacobo  3:30pm-5:50pm  MW  CAA-218

CINEMA-25 Survey of World Cinemas 3.00 UNITS
Historical introduction to motion pictures as an art form, through the viewing of international cinematic works.
Materials Fee: $3.00  Transfer: CSU; UC  Grading: Letter grade only

79755 D.Jacobo  5:00pm-7:50pm  TH  CAA-218
79756 J.Berry  6:00pm-9:00pm  TH  CAA-218  (more sections are at Chino)

CINEMA-26 Survey of American Cinema 3.00 UNITS
Survey of American cinema from silent classics through contemporary commercial films.
Materials Fee: $3.00  Transfer: CSU; UC  Grading: Letter grade only

79763 D.Schroeder  9:00am-12:00pm  S  CAA-218
79759 J.Hill Jr  7:00pm-10:30pm  MW  CAA-218  Last day to add: 08/25/14  (more sections are at Chino and Fontana)

Communication Studies (COMSTD) 909/652-6902

COMSTD-2 Fundamentals of Effective Speaking 3.00 UNITS
Advisory: Eligibility for ENGL-1A as determined by the Chaffey assessment process, or completion of ENGL-475 or ESL-475.
Emphasis on preparing and delivering various types of speeches before an audience. Communication theory and speech criticism are included for student application. Oral assignments are required. (C-ID COMM 110)
Materials Fee: $3.00  Transfer: CSU; UC  Grading: Letter grade only

80054 J.Whitton  7:15am-10:45am  TTH  TA-1L  SECT 80054: Fast-Track class; see pages 168-174 for more info.
80030 E.Rose  8:00am-9:20am  MW  TA-1L
80045 J.Alvarez  9:30am-10:50am  MW  TA-1L  SECT 80045: Honors class; see page 175 for more info.
80032 E.Rose  11:00am-12:20am  MW  TA-1H
80043 J.Alvarez  11:00am-2:30pm  MW  TA-1L  SECT 80043: Fast-Track class; see pages 168-174 for more info.
80046 J.Alvarez  11:00am-2:30pm  TTH  TA-1H  SECT 80046: Fast-Track class; see pages 168-174 for more info.
80059 V.O.Shaughnessy  12:00pm-2:50pm  F  TA-1H
80057 V.O.Shaughnessy  12:30pm-1:50pm  TTH  TA-1L
80084 Z.Kazmi  2:00pm-3:20pm  MW  TA-1J
80068 K.Deets  3:30pm-4:50pm  TTH  TA-1H
80085 K.Dhalwai  6:00pm-9:00pm  F  TA-1L
80060 D.O.Shaughnessy  7:00pm-9:50pm  M  TA-1H
80062 R.May III  7:00pm-9:50pm  M  TA-1L
80075 D.Schultz  7:00pm-9:50pm  W  TA-1L
80076 D.Schultz  7:00pm-9:50pm  TH  TA-1L  (more sections are at Chino and Fontana)

Visit our website at www.chaffey.edu for application and registration information.

Additional sections of some classes may be available; check the Chino, Fontana, Ontario High School, and Hybrid/Online sections.
<table>
<thead>
<tr>
<th>SECTION #</th>
<th>INSTRUCTOR</th>
<th>HOURS</th>
<th>DAYS</th>
<th>ROOM</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMSTD-4</td>
<td>Fundamentals of Interpersonal Communication 3.00 UNITS</td>
<td>Advisory: Completion of ENGL-1A. In-depth exploration of the variables of interpersonal communication processes as they occur in day-to-day, face-to-face human interaction. Oral assignments are required. (C-ID COMM 130)</td>
<td>Materials Fee: $3.00</td>
<td>Grading: Letter grade only</td>
</tr>
<tr>
<td>80051 K. Allbee</td>
<td>8:00am-9:20am</td>
<td>TTH</td>
<td>TA-1H</td>
<td></td>
</tr>
<tr>
<td>80037 C. Navarro</td>
<td>9:30am-10:50am</td>
<td>TTH</td>
<td>TA-1J</td>
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<tr>
<td>80056 J. Whittington</td>
<td>11:00am-12:20pm</td>
<td>TTH</td>
<td>TA-1L</td>
<td></td>
</tr>
<tr>
<td>80083 Z. Kazmi</td>
<td>12:30pm-1:50pm</td>
<td>MW</td>
<td>TA-1J</td>
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</tr>
<tr>
<td>80067 J. Warhol</td>
<td>7:00pm-9:50pm</td>
<td>M</td>
<td>TA-1J</td>
<td></td>
</tr>
<tr>
<td>COMSTD-6</td>
<td>Fundamentals of Small Group Communication 3.00 UNITS</td>
<td>Advisory: Eligibility for ENGL-1A as determined by the Chaffey assessment process, or completion of ENGL-475 or ESL-475. Develop confidence and competence as a group member and leader through a combination of theoretical and practical application of small group principles in everyday life. (C-ID COMM 140)</td>
<td>Materials Fee: $3.00</td>
<td>Grading: Letter grade only</td>
</tr>
<tr>
<td>80055 J. Whittington</td>
<td>7:15am-10:45am</td>
<td>TTH</td>
<td>TA-1L</td>
<td></td>
</tr>
<tr>
<td>80033 C. Navarro</td>
<td>8:00am-9:20am</td>
<td>MW</td>
<td>TA-1J</td>
<td></td>
</tr>
<tr>
<td>80036 C. Navarro</td>
<td>8:00am-9:20am</td>
<td>TTH</td>
<td>TA-1J</td>
<td></td>
</tr>
<tr>
<td>COMSTD-8</td>
<td>Fundamentals of Speech Communication 3.00 UNITS</td>
<td>Prerequisite: Eligibility for ENGL-1A as determined by the Chaffey assessment process, or satisfactory completion of ENGL-475 or ESL-475. Fundamentals of human communication as they operate in a variety of contexts: interpersonal, small group, and public speaking. (C-ID COMM 180)</td>
<td>Materials Fee: $3.00</td>
<td>Grading: Letter grade only</td>
</tr>
<tr>
<td>80048 C. Veazey</td>
<td>8:00am-9:20am</td>
<td>MW</td>
<td>TA-1H</td>
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<tr>
<td>80058 V.O. Shaughnessy</td>
<td>9:00am-11:50am</td>
<td>F</td>
<td>TA-1H</td>
<td></td>
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<tr>
<td>80052 K. Allbee</td>
<td>9:30am-10:50am</td>
<td>TTH</td>
<td>TA-1H</td>
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<tr>
<td>80053 C. Veazey</td>
<td>11:00am-12:20pm</td>
<td>TTH</td>
<td>TA-1J</td>
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<tr>
<td>80087 C. Veazey</td>
<td>12:30pm-1:50pm</td>
<td>TTH</td>
<td>TA-1J</td>
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</tr>
<tr>
<td>80082 Z. Kazmi</td>
<td>3:30pm-4:50pm</td>
<td>MW</td>
<td>TA-1L</td>
<td></td>
</tr>
<tr>
<td>80069 K. Dhaliwal</td>
<td>5:30pm-6:50pm</td>
<td>TTH</td>
<td>TA-1H</td>
<td></td>
</tr>
<tr>
<td>80072 B. Weed</td>
<td>7:00pm-9:50pm</td>
<td>W</td>
<td>TA-1J</td>
<td></td>
</tr>
<tr>
<td>COMSTD-12</td>
<td>Mass Communication and Society 3.00 UNITS</td>
<td>Advisory: Eligibility for ENGL-1A as determined by the Chaffey assessment process, or completion of ENGL-475 or ESL-475. A critical examination of the form, content, and influence of the processes of mass communication. Historical overview and examination of mass-mediated reality using theories of rhetoric and symbolic interaction. (C-ID JOUR 100)</td>
<td>Materials Fee: $3.00</td>
<td>Grading: Letter grade only</td>
</tr>
<tr>
<td>80035 C. Navarro</td>
<td>11:00am-12:20pm</td>
<td>MW</td>
<td>TA-1J</td>
<td></td>
</tr>
<tr>
<td>COMSTD-14</td>
<td>Oral Interpretation of Literature 3.00 UNITS</td>
<td>Theoretical and practical experience in the oral interpretation of prose, poetry, and dramatic literature. Recommended for students of speech communication, theatre, English, and the teaching professions. (C-ID COMM 170)</td>
<td>Materials Fee: $3.00</td>
<td>Grading: Letter grade only</td>
</tr>
<tr>
<td>80044 J. Alvarez</td>
<td>11:00am-2:30pm</td>
<td>MW</td>
<td>TA-1L</td>
<td></td>
</tr>
<tr>
<td>COMSTD-72</td>
<td>Logic and Argumentation 3.00 UNITS</td>
<td>Prerequisite: ENGL-1A. The study of argumentation as an oral and written skill with an emphasis on the principles of critical thinking and sound reasoning. (C-ID COMM 120)</td>
<td>Materials Fee: $3.00</td>
<td>Grading: Letter grade only</td>
</tr>
<tr>
<td>80034 C. Navarro</td>
<td>9:30am-10:50am</td>
<td>MW</td>
<td>TA-1J</td>
<td></td>
</tr>
<tr>
<td>COMSTD-74</td>
<td>Intercultural Communication 3.00 UNITS</td>
<td>Advisory: Eligibility for ENGL-1A as determined by the Chaffey assessment process, or completion of ENGL-475 or ESL-475. Identification and analysis of processes and problems of communication between people of different cultures. Effects of differences in attitudes, social organization, role expectations, language and nonverbal behavior. (C-ID COMM 150)</td>
<td>Materials Fee: $3.00</td>
<td>Grading: Letter grade only</td>
</tr>
<tr>
<td>80031 E. Rose</td>
<td>9:00am-11:50am</td>
<td>F</td>
<td>TA-1L</td>
<td></td>
</tr>
<tr>
<td>COMSTD-76</td>
<td>Gender &amp; Communication 3.00 UNITS</td>
<td>Advisory: Completion of COMSTD-8, and eligibility for ENGL-1A as determined by the Chaffey assessment process or completion of ENGL-475 or ESL-475. Examination of communication patterns existing between males and females. Communication problems relating to gender are addressed, along with listening, assertiveness, negotiation, and other conflict strategies.</td>
<td>Materials Fee: $3.00</td>
<td>Grading: Letter grade only</td>
</tr>
<tr>
<td>80086 K. Dhaliwal</td>
<td>9:00am-12:00pm</td>
<td>S</td>
<td>TA-1L</td>
<td></td>
</tr>
<tr>
<td>80049 C. Veazey</td>
<td>9:30am-10:50am</td>
<td>MW</td>
<td>TA-1H</td>
<td></td>
</tr>
</tbody>
</table>

**Credit Card Users**

(VISA, MASTERCARD, AMERICAN EXPRESS AND DISCOVER)

To avoid standing in long lines, Chaffey recommends that you pay your fees online via MyChaffeyVIEW. Credit card payments are processed through the “Official Payments” vendor and have the same security measures whether you make your payment online via your home computer or in person.

Additional sections of some classes may be available; check the Chino, Fontana, Ontario High School, and Hybrid/Online sections.
Computer Information Systems: Core (CIS)

**COMSTD-78**  
**Family Communication**  
3.00 UNITS  
Advisory: Eligibility for ENGL-1A as determined by the Chaffey assessment process, or completion of ENGL-475 or ESL-475.  
Introduction to communication in the family setting. Analysis of how communication-related behavior affects the development, maintenance, enhancement, and deterioration of family relationships.  
Materials Fee: $3.00  
Transfer credit: CSU  
Grading: Letter grade only  
80066 J.Warhol  
5:30pm-6:50pm  
MW  
TA-1J

**CIS-1**  
**Introduction to Computer Information Systems**  
3.00 UNITS  
Principles and applications of computers including their role in business and society. Provides computer competency for Computer Information systems majors and non-majors. (C-ID ITIS 120 and BUS 140)  
Materials Fee: $3.00  
Transfer: CSU; UC credit limitations.  
Grading: Letter grade only  
81189 T.Helfand  
8:00am-9:45am  
MW  
BE-104  
and  
08/18-10/08/10/08  
Last day to add: 08/27/14  
SECT 81189: Fast-Track and Hybrid class: see pages 152 and 168-174 for more info.  
81180 J.Blyzka  
8:00am-9:20am  
TTH  
BE-100  
81183 D.Edery  
8:00am-10:50am  
F  
BE-104  
81181 W.Baker  
9:30am-10:50am  
TTH  
BE-100  
81188 J.Alfano  
11:00am-2:30pm  
TTH  
BE-100  
10/21/14-12/11/14  
Last day to add: 10/27/14  
SECT 81188: Fast-Track class; see pages 168-174 for more info.  
81182 G.Bergreen  
12:30pm-1:50pm  
MW  
BE-104  
81178 M.Castillo  
2:00pm-3:20pm  
MW  
BE-100  
81179 M.Castillo  
3:30pm-4:50pm  
MW  
BE-100  
81185 P.Watson  
5:30pm-6:50pm  
MW  
BE-104  
81184 J.Alfano  
7:00pm-9:50pm  
M  
BE-104  
81185 D.Edery  
7:00pm-9:50pm  
W  
BE-104  
81187 M.Wildes  
7:00pm-9:50pm  
TH  
BE-104  
(more sections are online, and at Chino and Fontana)

**CIS-4**  
**Fundamentals of Microsoft Windows**  
1.50 UNITS  
Introduction to the terminology, application, and use of the graphical operating system.  
Materials Fee: $1.50  
Grading: Letter grade only  
81205 S.Siedschlag  
10:00am-11:45am  
MW  
BE-100  
08/18-10/08/10/08  
Last day to add: 08/24/14  
81234 M.Wildes  
7:00pm-10:20pm  
M  
BE-100  
08/18-10/06/10/06  
Last day to add: 08/18/14  
(another section is at Chino)

**CISGAME-401**  
**Fundamentals of Game Development**  
1.50 UNITS  
Advisory: Completion of CIS-1.  
Introduction to game development. Topics include: history, hardware, graphics, sound, game genres, design elements, game generation software, game programming, and available careers in game development.  
Materials Fee: $1.50  
Grading: Letter grade only  
81219 T.Kocher  
10:00am-11:45am  
TTH  
BE-104  
10/21/14-12/11/14  
Last day to add: 10/27/14

**CISGAME-402**  
**Fundamentals of Game Development II**  
3.00 UNITS  
Advisory: Completion of CISGAME-401.  
Game development using creation software and development tools. Topics include: game design methods; content development, including graphics and sound; game logic; programming concepts such as objects, properties, methods, and events; basic concepts of movement and collision; beta testing; and identifying and fixing bugs.  
Materials Fee: $3.00  
Grading: Letter grade only  
81220 T.Kocher  
11:00am-12:20pm  
MW  
BE-104

**CISGAME-430**  
**Advanced Game Development**  
3.00 UNITS  
Advisory: Completion of CISGAME-402.  
Game development with advanced techniques. Topics include: game design methods; content development, including graphics and sound; game logic; advanced programming concepts such as objects, properties, methods, and events; advanced concepts of movement and collision; beta testing; and identifying and fixing bugs.  
Materials Fee: $3.00  
Grading: Letter grade only  
81221 T.Kocher  
1:00pm-2:20pm  
MW  
BE-104  
10/21/14-12/11/14  
Last day to add: 10/27/14

**CIS-50**  
**Introduction to Computer Networks**  
3.00 UNITS  
Prerequisite: CIS-1.  
Introduction to networking fundamentals.  
Materials Fee: $3.00  
Transfer: CSU  
Grading: Letter grade only  
81210 S.Siedschlag  
7:00pm-9:50pm  
T  
BE-100

**CIS-68**  
**Using the Internet**  
1.50 UNITS  
Introduction to and use of the Internet. Topics include access, hardware, software, protocols, security, communication, file transfer, search tools, e-commerce, and other current Internet and Web technologies.  
Materials Fee: $3.00  
Transfer: CSU  
Grading: Letter grade only  
(sections are online)

**CIS-420**  
**Computer Security Basics**  
1.50 UNITS  
Introduction to security issues affecting individual computers and Internet access. Protection strategies from viruses, Trojan-Horse programs, e-mail attacks, and other forms of intrusion.  
Materials Fee: $1.50  
Grading: Letter grade only  
81208 S.Siedschlag  
10:00am-11:45am  
MW  
BE-100  
10/20/14-12/10/14  
Last day to add: 10/26/14  
(another section is at Chino)

**CIS-431**  
**Project Management for Information Technology**  
3.00 UNITS  
Advisory: Completion of CIS-1.  
Fundamentals of project management applied to the field of information technology using current project management software.  
Materials Fee: $3.00  
Grading: Letter grade only  
(section is online)

**CIS: Cisco Internetworking (CISCO)**  
(See Chino Section)  
909/652-7660

**CIS: Game Development (CISGAME)**  
909/652-6830
CIS: Hardware and Support (CISHDSP)
(See Fontana Section) 909/652-6830

CIS: Internet and Web Development (CISIWEB)

CISIWEB-70 Creating Web Pages with HTML  1.50 UNITS
Advisory: Completion of CIS-68.
Creation of HTML (Hypertext Markup Language) pages for the Web, including integration of links, formatting, graphics and multimedia, and tables.
Materials Fee: $1.50  Transfer: CSU
Grading: Letter grade only
81226 T.Kocher  10:00am-11:45am  TTH  BE-100
08/19/14-10/07/14  Last day to add: 08/25/14
81228 K.Devlin  7:00pm-10:20pm  TH  BE-100
10/23/14-12/11/14  Last day to add: 10/29/14
(another section is online)

CISIWEB-410 WebMaster Tools  1.50 UNITS
Prerequisite: CISIWEB-70.
Tools used by the Webmaster to develop and administer an Intranet/Internet Website. Topics include advanced HTML/XHTML programming, JavaScript, Dynamic HTML, XML, Web Publishing, and the use of cascading Style Sheets (CSS) for formatting.
Materials Fee: $1.50  Grading: Letter grade only
(see is online)

CISIWEB-414 Creating Dynamic Web Content Using  3.00 UNITS Javascript/AJAX
Prerequisite: CISIWEB-70.
Principles of JavaScript programming. Topics include: integrating JavaScript and HTML; creating pop-up windows; adding scrolling messages; validating forms; enhancing the use of images and form objects; working with cookies, arrays, and frames; and developing online dynamic content and client-side Web applications using Asynchronous Java and XML (AJAX).
Materials Fee: $3.00  Grading: Letter grade only
81224 T.Kocher  5:00pm-6:45pm  M  BE-100
and 08/19/14-12/19/14  Last day to add: 08/25/14
SECT 81224: Hybrid class. See page 152 for more info.

CISIWEB-423 Web Development: Dreamweaver  3.00 UNITS
Advisory: Completion of CISIWEB-70.
Principles of Web development using Macromedia Dreamweaver. Topics include the Dreamweaver interface, the object panel and other tools, HTML integration and editing, images, text, linking, lists, tables, tracing images, layers, frames, rollovers, Cascading Style Sheets (CSS), Dynamic HTML, forms, publishing, Fireworks, and Flash files.
Materials Fee: $3.00  Grading: Letter grade only
(see is online)

CIS: Networking (CISNTWK)

CISNTWK-413 TCP/IP  1.50 UNITS
Prerequisite: CIS-50.
Study of Transmission Control Protocol/Internet Protocol (TCP/IP) and its implementation on various operating systems. Helps prepare students for the Microsoft Certified Professional (MCP), Microsoft Certified Systems Engineer (MCSE), and CompTIA exams.
Materials Fee: $1.50  Grading: Letter grade only
81229 S.Siedschlag  7:00pm-10:20pm  M  BE-100
10/20/14-12/08/14  Last day to add: 10/26/14

CISNTWK-440 Introduction to Network Security Administration  3.00 UNITS
Prerequisite: CIS-50.
Fundamentals of network security for the networking professional. Helps prepare students for the CompTIA Security+ certification examination.
Materials Fee: $3.00  Grading: Letter grade only
81230 S.Siedschlag  7:00pm-9:50pm  W  BE-100

CIS: Programming (CISPROG)

CISPROG-1 Introduction to Computer Programming  3.00 UNITS
Prerequisite: CIS-1.
Introduction to the principles of computer programming including the program development life cycle, control structures, and object-oriented programming.
(C-ID COMP 112)
Materials Fee: $3.00  Transfer: CSU; UC
Grading: Letter grade only
81231 T.Kocher  7:00pm-9:50pm  T  BE-100

Computer Science (CS)

CS-1 Programming Concepts and Methodology I  3.00 UNITS
Advisory: Completion of CISPROG-1.
Introduces the discipline of computer science using a high level language, utilizing programming and practical hands-on problem solving. Topics include hardware, software, computer architecture, memory and registers, input-output data operations, storage, information control, problem solving, and Object Oriented Programming. First course in a sequence of courses that is compliant with the standards of the Association for Computing Machinery (ACM).
(C-ID COMP 122)
Materials Fee: $3.00  Transfer: CSU; UC credit limitations
Grading: Letter grade only
81233 T.Kocher  3:30pm-4:50pm  TTH  BE-100

CS-2 Programming Concepts and Methodology II  3.00 UNITS
Prerequisite: CS-1.
Application of software engineering techniques to the design and development of large programs; data abstraction and structures and associated algorithms.
(C-ID COMP 132)
Materials Fee: $0.00  Transfer: CSU; UC
Grading: Letter grade only
81232 T.Kocher  12:30pm-1:50pm  TTH  BE-104

Additional sections of some classes may be available; check the Chino, Fontana, Ontario High School, and Hybrid/Online sections.
### Cooperative Education/Work Experience (COOPED)

**COOPED-497A** Cooperative Education: General Work Experience  
Materials Fee: $3.00   Transfer: CSU  
Grading: Letter grade only  
79669 L.Barlogio  
80/18-14-12/19/14  Last day to add: 08/25/14  
SECT 79669: Instructor consent required for registration. Call (909) 652-6190 to verify employment and appropriate course placement.

**COOPED-497B** Cooperative Education: General Work Experience  
Materials Fee: $3.00   Transfer: CSU  
Grading: Letter grade only  
79670 L.Barlogio  
80/18-14-12/19/14  Last day to add: 08/25/14  
SECT 79670: Instructor consent required for registration. Call (909) 652-6190 to verify employment and appropriate course placement.

**COOPED-497C** Cooperative Education: General Work Experience  
Materials Fee: $3.00   Transfer: CSU  
Grading: Letter grade only  
79671 L.Barlogio  
80/18-14-12/19/14  Last day to add: 08/25/14  
SECT 79671: Instructor consent required. Call (909) 652-6190 to verify employment and appropriate course placement.

**COOPED-497D** Cooperative Education: General Work Experience  
Materials Fee: $3.00   Transfer: CSU  
Grading: Letter grade only  
79672 L.Barlogio  
80/18-14-12/19/14  Last day to add: 08/25/14  
SECT 79672: Instructor consent required. Call (909) 652-6190 to verify employment and appropriate course placement.

### Correctional Science (CRSCI)

**CRSCI-1** Introduction to Correctional Science  
Materials Fee: $3.00   Transfer: CSU  
Grading: Letter grade only  
79041 H.Rivas  
9:30am-10:50am MW WH-102  
(again section is at Fontana)

**CRSCI-2** Control and Supervision of Inmates  
Materials Fee: $3.00   Transfer: CSU  
Grading: Letter grade only  
79043 H.Rivas  
11:00am-12:20pm MW WH-102

**CRSCI-3** Correctional Law  
Materials Fee: $3.00   Transfer: CSU  
Grading: Letter grade only  
79045 J.Green  
11:00am-2:30pm TTH SS-113

**CRSCI-4** Correctional Interviewing and Counseling  
Materials Fee: $3.00   Transfer: CSU  
Grading: Letter grade only  
79047 J.Green  
11:00am-2:30pm TTH SS-113

**CRSCI-5** Crime and Delinquency  
Materials Fee: $3.00   Transfer: CSU  
Grading: Letter grade only  
79048 J.Green  
11:00am-2:30pm TTH SS-113

**CRSCI-6** Correctional Interviewing and Counseling  
Materials Fee: $3.00   Transfer: CSU  
Grading: Letter grade only  
79049 J.Green  
11:00am-2:30pm TTH SS-113

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**YOUR JOB = COLLEGE UNITS!**

- **Earn 1 - 4 Elective Units**
- **Develop Your Career Plans and Management Skills**
- **Explore Career Choices**
- **Engage in Customized Learning Activities**

**COOPED-497ABCD**

Whether your job is directly related to your major or not, Cooperative Education provides you with the opportunity to use your part-time, full-time, or internship position to earn degree-applicable credit.

First-time Cooperative Education students must complete a mandatory orientation. Please call 909/652-6190 to verify employment and appropriate course placement. Instructor consent is required to enroll in any COOPED course.
CRSCI-409 Women and the Criminal Justice System  3.00 UNITS
Study of women involved in the criminal justice system as victims, offenders, and criminal justice professionals.
Materials Fee: $3.00
Grading: Letter grade only
79048 B.Ray 3:00pm-6:30pm MW SS-111 08/18/14-10/08/14
Last day to add: 08/25/14
SECT 79049: Fast-Track class; see pages 168-174 for more info.

CRSCI-411 Juvenile Corrections  3.00 UNITS
Study of the juvenile justice system from arrest through juvenile court, probation, juvenile hall, and short-term county treatment facilities. Procedures of the Division of Juvenile Justice.
Materials Fee: $3.00
Grading: Letter grade only
79050 STAFF 3:00pm-6:30pm MW SS-111 10/20/14-12/10/14
Last day to add: 10/27/14
SECT 79051: Fast-Track class; see pages 168-174 for more info.

DANCE (DANCE)  
909/652-6066

DANCE-1 Survey of Dance  3.00 UNITS
Advisory: Eligibility for ENGL-1A as determined by the Chaffey assessment process, or completion of ENGL-475 or ESL-475.
Conceptual and historical study of dance from antiquity to the present, including the role of dance as a theatrical art and social form.
Materials Fee: $3.00
Grading: Letter grade only
79764 M.Jenkins 11:00am-12:20pm TTH CAA-218

DANCE-2 Theatrical Dance  3.00 UNITS
Study of physical movement as it relates to the body on the stage, including movements commonly used in musical theatre, jazz, and modern dance techniques.
Materials Fee: $3.00
Grading: Letter grade only
79765 M.Jenkins 11:00am-12:20pm MW CAA-206
### DANCE-50B  Jazz Dance IIB  1.00 UNITS
- **Advisory:** Completion of DANCE-50A
- Advanced jazz dance techniques, skills, style, and vocabulary.
- **Limitation on Enrollment:** Level placement pending instructor approval.

### DANCE-50A  Jazz Dance IIA  1.00 UNITS
- **Advisory:** Completion of DANCE-50A
- Intermediate jazz dance techniques, skills, style, and vocabulary.
- **Limitation on Enrollment:** Level placement pending instructor approval.

### DANCE-60B  Tap Dance IIB  1.00 UNITS
- **Advisory:** Completion of DANCE-60A or level placement pending instructor consent.
- Further development of tap dance skills and vocabulary at the advanced level emphasizing technique, styles, and rhythms. Increasing technical and artistic range through more complex warm-ups, travelling techniques, and choreographed combinations.

### DANCE-60A  Tap Dance IIA  1.00 UNITS
- **Advisory:** Completion of DANCE-60A or level placement pending instructor consent.
- Intermediate tap dance techniques, skills, vocabulary, and combinations.

### DANCE-30B  Tap Dance IB  1.00 UNITS
- **Advisory:** Completion of DANCE-30A or level placement by instructor.
- Further development of tap dance technique, skills, vocabulary, and choreographed routines.

### DANCE-30A  Tap Dance IA  1.00 UNITS
- Basic tap dance techniques, skills, vocabulary, rhythms, and combinations.

### DANCE-20B  Modern Dance IB  1.00 UNITS
- Limitation on Enrollment: Level placement pending instructor approval.
- Advisory: Completion of DANCE-20A.
- Further development of modern dance vocabulary and dance skills emphasizing technique and creativity.

### DANCE-20A  Modern Dance IIA  1.00 UNITS
- Advisory: Completion of DANCE-20B.

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### Dental Assisting (DENTAL)  909/652-6675

#### DENTAL-400  Dental Assisting Core Sciences  6.00 UNITS
- Core competencies and foundational skills. An overview of applicable biomedical terms and functions, infection control, medical and dental emergencies, professionalism, charting, and basic laboratory skills. Instructor signature required.
- **Materials Fee:** $6.00
- **Grading:** Letter grade only

#### DENTAL-410  Dental Assisting Pre-Clinical Sciences  6.00 UNITS
- Prerequisite: DENTAL-400.
- Study and application of dental procedures performed in a preclinical site. An in-depth study of dental materials, instrumentation, procedures, protocols, and familiarity with dental specialties.
- **Materials Fee:** $6.00
- **Grading:** Letter grade only

#### DENTAL-420  Radiography for Dental Assistants  6.00 UNITS
- Prerequisite: DENTAL-400.
- In-depth study of dental radiography. Including basic principles; characteristics and terminology; biological effects; placement and processing techniques; film mounting; error identification and correction.
- **Materials Fee:** $6.00
- **Grading:** Letter grade only
### Digital Media

#### Disability Programs and Services (DPS)

<table>
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<th>DAYS</th>
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<td>Last day to add: 10/30/14</td>
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**Dental Assisting**

Visit Chaffey’s Dental Assisting web page at [www.chaffey.edu/healthsciences/dentalsst](http://www.chaffey.edu/healthsciences/dentalsst) or call 909/652-6675 for dates, times and more information regarding these mandatory information meetings.

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### DENTAL-430 Clinical Practice 6.00 UNITS

**Prerequisite:** DENTAL-410.

Advisory: Completion of DENTAL-420.

Student is assigned to a clinical facility. Experiential objectives are the application of four-handed dentistry concepts, auxiliary utilization, direct patient care, and dental office procedures.

**Materials Fee:** $6.00

Grading: Letter grade only

80838 B.Cox, L.Martin, and K.Lane 288-324 hrs/term scheduled clinical CLIN 08/18-14/12-19/14 Last day to add: 08/25/14

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### DPS-523 Beginning Job Readiness Skills 1.50 UNITS

**Limitation on Enrollment:** Orientation and instructor signature is required for registration.

**Corequisite:** DPS-576.

First in a series of open-entry/exit self-paced course for students with disabilities. This course introduces basic job readiness skills which prepare students for competitive employment.

Not degree applicable

Grading: Pass/No Pass only

79730 B.Fuller 48-54 hrs/term arranged MTWTH LDC 08/18/14-12/19/14 Last day to add: 10/30/14

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### DPS-525 Advanced Job Readiness Skills 1.50 UNITS

**Limitation on Enrollment:** Orientation and instructor signature is required for registration.

**Corequisite:** DPS-578.

Third course in a series of open-entry/open-exit self-paced courses for students with disabilities. Course focuses on advanced job readiness skills needed for competitive employment.

Not degree applicable

Grading: Pass/No Pass only

79732 D.Plumley 48-54 hrs/term arranged MTWTH LDC 08/18/14-12/19/14 Last day to add: 10/30/14

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### DPS-576 Beginning Job Skills Practicum Lab 1.50 UNITS

**Limitation on Enrollment:** Orientation and instructor signature is required for registration.

**Corequisite:** DPS-523.

Open-entry/exit self-paced course for students with disabilities, focused on the introduction of basic hands-on job skills to prepare students for competitive employment.

Not degree applicable

Grading: Pass/No Pass only

79736 B.Fuller 72-81 hrs/term arranged MTWTH LDC 08/18/14-12/19/14 Last day to add: 10/30/14

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### DPS-578 Advanced Job Skills Practicum Lab 1.50 UNITS

**Limitation on Enrollment:** Orientation and instructor signature is required for registration.

**Corequisite:** DPS-525.

Open-entry/exit self-paced course for students with disabilities, focused on the advanced hands-on job skills needed for competitive employment.

Not degree applicable

Grading: Pass/No Pass only

79738 B.Fuller 72-81 hrs/term arranged MTWTH LDC 08/18/14-12/19/14 Last day to add: 10/30/14

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### DPS-651 Job Placement Practicum for Students With Disabilities 0.00 UNITS

Open-entry/exit lab course offering individualized instruction in job development, job search, job holding skills, and utilization of community resources for students with disabilities. May be repeated. Contact instructor to arrange hours.

Non credit course

Grading: Ungraded

79735 B.Fuller 24-27 hrs/term arranged MTWTH LDC 08/18/14-12/19/14 Last day to add: 10/30/14

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### DPS-657 Vocational Skills for Students With Disabilities 0.00 UNITS

Open-entry/exit course for students with disabilities, teaching work skills that increased their earning potential and level of independence. Curriculum may include entry-level work skills, job retention skills, and interpersonal skill development. May be repeated. **NOTE:** Student must have been identified under Title V regulations as a Developmentally Delayed Learner. Students should have the willingness to work in large and small groups, individualized and/or laboratory settings, and the desire to develop work, reading, and money handling skills as related to a vocation and independent living. Student must not be injurious to self or others.

Non credit course

Grading: Ungraded

79730 C.Sallaberria 48-54 hrs/term arranged MTWTHF 08/18/14-12/19/14 Last day to add: 10/30/14

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Additional sections of some classes may be available; check the Chino, Fontana, Ontario High School, and Hybrid/Online sections.
### Drafting (DRAFT)

**DRAFT-20** Computer-Aided Drafting and Design **4.00 UNITS**

Advisory: Completion of CIS-4 or Windows experience.

Introduction to Computer Aided Drafting and Design (CADD) technology, terminology, and application, using an industry-standard program. Emphasis on two-dimensional working drawings.

- Materials Fee: $4.00
- Transfer: CSU
- Grading: Letter grade only

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<td>TTH</td>
<td>VSS-103</td>
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**DRAFT-21** Mechanical Design I **3.00 UNITS**

Prerequisite: DRAFT-20 or one year of high school drafting using AutoCAD, and EGTECH-10 or one year of high school drafting using SolidWorks or a similar feature-based modeling software.

Production of engineering drawings using primary orthographic, section, detail, and auxiliary views. Assignments are completed on the CAD system.

- Materials Fee: $3.00
- Transfer: CSU
- Grading: Letter grade only

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**DRAFT-43** Advanced CAD Modeling & Applications **3.00 UNITS**

Prerequisite: EGTECH-10.

Advanced concepts and development of three-dimensional visualization skills.

- Materials Fee: $3.00
- Transfer: CSU
- Grading: Letter grade only

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**DRAFT-51** Architectural Design II **3.00 UNITS**

Prerequisite: DRAFT-50.

Design issues associated with more complex buildings and settings.

- Materials Fee: $3.00
- Transfer: CSU
- Grading: Letter grade only

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### Preferred Enrollment

**NEW AND RETURNING STUDENTS:** To receive a preferred registration date, you must complete the following actions:

- Fill-out and submit a Chaffey College application
- Attend an orientation session
- Take the Assessment test(s)
- Create an Educational Plan with a counselor

**CONTINUING STUDENTS:** To maintain your preferred registration and financial aid eligibility, you must:

- Remain in Good Academic Standing (2.0 GPA or above)
- Not have exceeded 100 units earned (excluding 500-level courses)

Per the Student Success Act of 2012, Senate Bill 1456, signed into law in September 2012. See www.chaffey.edu/student-success for more info.

### Earth Science (ESC)

**ESC-1** Earth Science **3.00 UNITS**

Topics include geology, oceanography, meteorology, and planetology.

- Corequisite: ESC-1 (may be taken previously).
- Materials Fee: $3.00
- Transfer: CSU; UC
- Grading: Letter grade only

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<td>83011</td>
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Additional sections of some classes may be available; check the Chino, Fontana, Ontario High School, and Hybrid/Online sections.

**ESC-1L** Earth Science Laboratory **1.00 UNITS**

Hands-on activities to reinforce lecture concepts using scientific tools and methods to image, measure and observe phenomenon in geology, oceanography, astronomy and meteorology. (C-ID GEOL 120L)

- Materials Fee: $3.00
- Transfer: CSU; UC
- Grading: Letter grade only

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(Another section is at Fontana)

**ESC-5** Oceanography **3.00 UNITS**

Study of the marine environment including seawater properties, ocean currents and marine biology.

- Corequisite: ESC-5 (may be taken previously).
- Materials Fee: $3.00
- Transfer: CSU; UC
- Grading: Letter grade only

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(Another section is at Fontana)

**ESC-5L** Oceanography Laboratory **1.00 UNITS**

- Corequisite: ESC-5 (may be taken previously).
- Hands-on activities to reinforce lecture concepts using scientific tools and methods to image, measure and observe phenomenon in oceanography.
- Materials Fee: $3.00
- Transfer: CSU; UC
- Grading: Letter grade only

(Another section is at Fontana)

### Dropping Classes

It is the student's responsibility to drop classes. Students who do not drop classes by the published deadlines will be held accountable for payment of fees for those classes, even if they didn't attend any class meetings.
### Economics (ECON)

**ECON-1 Introduction to Economics 3.00 UNITS**
The U.S. economic system including unemployment, growth, globalization, the environment, regulation, deregulation, inflation, interest rates, price discrimination, corporations and labor unions.

- **Materials Fee:** $3.00
- **Transfer:** CSU; UC credit limitations
- **Grading:** Letter grade only

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### ECON-2 Principles of Macroeconomics 3.00 UNITS

- **Prerequisite:** Eligibility for MATH-425 as determined by the Chaffey assessment process, or completion of MATH-410.
- **Advisory:** Completion of MATH-425.
- Study of market systems, aggregate measures of economic activity, macroeconomic equilibrium, money and financial institutions, monetary and fiscal policy, international economics, and economic growth.
- **Materials Fee:** $3.00
- **Transfer:** CSU; UC
- **Grading:** Letter grade only

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### Education (ED)

**ED-10 Elementary Classroom Fieldwork 3.00 UNITS**

- **Limitation on Enrollment:** Proof of a negative TB test within past 12 months and legal fingerprint clearance through the Chaffey College Human Resources Department are required for fieldwork placement.
- **Prerequisite:** ED-400, and eligibility for ENGL-1A as determined by the Chaffey assessment process or completion of ENGL-475 or ESL-475.
- Exploration of the concepts and issues related to teaching diverse K-12 learners. 45 hours of hours of structured fieldwork with a certified teacher in a public elementary classroom is a required part of the course. (C-ID EDUC 200)
- **Materials Fee:** $3.00
- **Grading:** Letter grade only

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<td>79096</td>
<td>M.Alexander</td>
<td>9:30am-1:30pm</td>
<td>TTH</td>
<td>CD-124A</td>
</tr>
</tbody>
</table>

### Electricity

**Electricity (See Industrial Electrical Technology in Chino section)**

**FEE REFUNDS**

Refunds of less than $20 must be requested prior to the end of the semester.

See page 14 for more information on the refund policy and processes.
ENGIN-11 Introduction to Engineering 2.00 UNITS
Introduction to the engineering profession and examination of various engineering fields.
Material Fee: $2.00. Transfer: CSU; UC
Grading: Letter grade only
80244 B.Khaw-Posthuma 11:00am-12:20pm TTH LA-100
80245 L.Fisher 11:00am-12:20pm MW LA-111
80253 J.LaMay 9:30am-10:50am MW LA-110
80271 R.Gomez 9:00am-12:00pm S LA-110
80268 M.Kowach 9:00am-11:50am F LA-110
80258 N.Watkins 8:00am-9:20am TTH LA-110
80252 J.LaMay 8:00am-9:20am MW LA-110
80279 S.Calebotta 7:15am-10:45am TTH LA-111
80275 S. Stewart 6:00pm-7:20pm MW VSS-105
and 7:30pm-8:50pm MW VSS-105
Grading: Letter grade only
Materials Fee: $3.00
Transfer: CSU; UC
Prerequisite: Eligibility for ENGL-1A as determined by the Chaffey assessment process.
Study and practice of expository and argumentative writing techniques. Frequent writing of compositions, with the ultimate goal of writing a research paper. A minimum of 6,000 written words is expected in the course. Three hours of supplemental learning in a Success Center that supports this course is required. (C-ID ENGL 100)
<table>
<thead>
<tr>
<th>Instructors</th>
<th>Hours</th>
<th>Days</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>C. Williams</td>
<td>11:00am-2:30pm</td>
<td>TTH</td>
<td>LA-110</td>
</tr>
<tr>
<td>08/19-14/10-07/14</td>
<td>Last day to add: 08/25/14</td>
<td></td>
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</tr>
<tr>
<td>80260</td>
<td>Fast-Track class linked with ENGL-1B, section 80261. See pages 168-174 for more info.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>80269 M. Kowach</td>
<td>12:00pm-2:50pm</td>
<td>F</td>
<td>LA-110</td>
</tr>
<tr>
<td>80255 A. Durlfield</td>
<td>12:30pm-1:50pm</td>
<td>MW</td>
<td>LA-110</td>
</tr>
<tr>
<td>80262 S. Stratton</td>
<td>12:30pm-1:50pm</td>
<td>T</td>
<td>LA-111</td>
</tr>
<tr>
<td>and INET</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>08/18-14/12-19/14</td>
<td>Last day to add: 08/25/14</td>
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<tr>
<td>80283</td>
<td>Hybrid class; see page 152 for more info.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>80283 S. Stratton</td>
<td>12:30pm-1:50pm</td>
<td>TH</td>
<td>LA-111</td>
</tr>
<tr>
<td>and INET</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>08/18-14/12-19/14</td>
<td>Last day to add: 08/25/14</td>
<td></td>
<td></td>
</tr>
<tr>
<td>80283</td>
<td>Hybrid class; see page 152 for more info.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>80277 E. Leano</td>
<td>3:00pm-6:30pm</td>
<td>MW</td>
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<td>Last day to add: 08/25/14</td>
<td></td>
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</tr>
<tr>
<td>80277</td>
<td>Fast-Track class; see pages 168-174 for more info.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>80277 E. Leano</td>
<td>3:00pm-6:30pm</td>
<td>MW</td>
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<td>10/20-14/12-10/14</td>
<td>Last day to add: 10/27/14</td>
<td></td>
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</tr>
<tr>
<td>80278</td>
<td>Fast-Track class; see pages 168-174 for more info.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>80246 K. George</td>
<td>3:00pm-6:30pm</td>
<td>TTH</td>
<td>LA-100</td>
</tr>
<tr>
<td>08/19-14/10-07/14</td>
<td>Last day to add: 08/25/14</td>
<td></td>
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</tr>
<tr>
<td>80246</td>
<td>Fast-Track class; see pages 168-174 for more info.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>80247 K. George</td>
<td>3:00pm-6:30pm</td>
<td>TTH</td>
<td>LA-100</td>
</tr>
<tr>
<td>10/21-14/12-11/14</td>
<td>Last day to add: 10/27/14</td>
<td></td>
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<tr>
<td>80247</td>
<td>Fast-Track class; see pages 168-174 for more info.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>80240 A. Durlfield</td>
<td>3:30pm-4:50pm</td>
<td>MW</td>
<td>LA-100</td>
</tr>
<tr>
<td>80241 D. Estrada</td>
<td>5:30pm-6:50pm</td>
<td>MW</td>
<td>LA-100</td>
</tr>
<tr>
<td>80270 P. Quanta</td>
<td>6:00pm-9:00pm</td>
<td>F</td>
<td>LA-110</td>
</tr>
<tr>
<td>80264 S. Steffen</td>
<td>7:00pm-9:50pm</td>
<td>M</td>
<td>LA-110</td>
</tr>
<tr>
<td>80287 C. Cotton</td>
<td>7:00pm-10:30pm</td>
<td>MW</td>
<td>LA-111</td>
</tr>
<tr>
<td>08/18-14/10-08/14</td>
<td>Last day to add: 08/25/14</td>
<td></td>
<td></td>
</tr>
<tr>
<td>80287</td>
<td>Fast-Track class linked with ENGL-1B, section 80288. See pages 168-174 for more info.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>80249 G. Lara</td>
<td>7:00pm-9:50pm</td>
<td>T</td>
<td>LA-100</td>
</tr>
<tr>
<td>80265 M. French</td>
<td>7:00pm-9:50pm</td>
<td>T</td>
<td>LA-110</td>
</tr>
<tr>
<td>80250 S. Rious</td>
<td>7:00pm-9:50pm</td>
<td>W</td>
<td>LA-100</td>
</tr>
<tr>
<td>80251 G. Lara</td>
<td>7:00pm-9:50pm</td>
<td>TH</td>
<td>LA-100</td>
</tr>
<tr>
<td>80267 M. French</td>
<td>7:00pm-9:50pm</td>
<td>TH</td>
<td>LA-110</td>
</tr>
</tbody>
</table>

**ENGL-1B Advanced Composition and Critical Thinking 3.00 UNITS**

**Prerequisite:** ENGL-1A.

Students incorporate rhetorical strategies in analysis and researched argumentation. Focus on logical reasoning, credibility, and emotional appeals. Writing intensive with a minimum production of 6,000 words. (C-ID ENGL 105)

Materials Fee: $3.00

Transfer: CSU; UC

Grading: Letter grade only

**NOTE:** Sections held in LA-110 and LA-111 may have in-class computer writing assignments. Basic computer and keyboarding skills are recommended.

---

**ENGL-1C Introduction to Literature 3.00 UNITS**

**Prerequisite:** ENGL-1A.

Foundation course in the study of the literary genres: novel, short story, poetry, and drama. (C-ID ENGL 120)

Materials Fee: $3.00

Transfer: CSU; UC

Grading: Letter grade only

**Note:** Sections held in LA-110 may have in-class computer writing assignments. Basic computer and keyboarding skills are recommended.

---

**ENGL-7A Creative Writing: Short Fiction 3.00 UNITS**

**Prerequisite:** Eligibility for ENGL-1A as determined by the Chaffey assessment process, or completion of ENGL-475 or ESL-475.

Seminar in short fiction writing. Students study the underlying principles of this form of literature, write short stories, and analyze each other’s work.

Materials Fee: $3.00

Transfer: CSU; UC

Grading: Letter grade only

**Note:** Sections are online, and at Chino and Fontana.
<table>
<thead>
<tr>
<th>SECTION #</th>
<th>INSTRUCTOR</th>
<th>HOURS</th>
<th>DAYS</th>
<th>ROOM</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL-7E</td>
<td>Creative Writing: Nonfiction</td>
<td>3.00 UNITS</td>
<td></td>
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</tr>
<tr>
<td></td>
<td>Prerequisite: ENGL-1A.</td>
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<tr>
<td></td>
<td>Course in creative nonfiction writing. Students create essays, analyze and respond to student and professional writing, craft works intended for publication, and research potential markets for submission.</td>
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</tr>
<tr>
<td></td>
<td>Materials Fee: $3.00</td>
<td>Transfer: CSU; UC</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Grading: Letter grade only</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>80243</td>
<td>A.Bartlett</td>
<td>9:30am-10:50am</td>
<td>TTH</td>
<td>LA-100</td>
</tr>
<tr>
<td>ENGL-32</td>
<td>Introduction to the Novel</td>
<td>3.00 UNITS</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Advisory: Completion of ENGL-1A.</td>
<td></td>
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</tr>
<tr>
<td></td>
<td>Survey of the novel, using selections drawn from multiple cultures and influences of the last three centuries, including translated novels of established merit.</td>
<td></td>
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</tr>
<tr>
<td></td>
<td>Materials Fee: $3.00</td>
<td>Transfer: CSU; UC</td>
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<td></td>
</tr>
<tr>
<td></td>
<td>Grading: Letter grade only</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>80245</td>
<td>M.Dowd</td>
<td>12:30pm-1:50pm</td>
<td>TTH</td>
<td>LA-100</td>
</tr>
<tr>
<td>ENGL-35</td>
<td>Literary Magazine Publication</td>
<td>4.00 UNITS</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Prerequisite: Eligibility for ENGL-1A as determined by the Chaffey assessment process, or completion of ENGL-475 or ESL-475.</td>
<td></td>
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</tr>
<tr>
<td></td>
<td>Experience in magazine production. As editors for The Chaffey Review, students master the fundamentals of editorial selection, evaluation, editing, proofreading, layout, design, production, promotion, and distribution.</td>
<td></td>
<td></td>
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</tr>
<tr>
<td></td>
<td>Materials Fee: $4.00</td>
<td>Transfer: CSU</td>
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<td></td>
</tr>
<tr>
<td></td>
<td>Grading: Letter grade only</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>80295</td>
<td>M.Dowd</td>
<td>9:30am-10:50am</td>
<td>MW</td>
<td>WH-71</td>
</tr>
<tr>
<td></td>
<td>and</td>
<td>11:00am-12:20pm</td>
<td>MW</td>
<td>WH-71</td>
</tr>
<tr>
<td>ENGL-68</td>
<td>Mythology</td>
<td>3.00 UNITS</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Prerequisite: Eligibility for ENGL-1A as determined by the Chaffey assessment process, or completion of ENGL-475 or ESL-475.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Major myths, especially in relation to the culture in which they arose, with a special emphasis on the Greek myths. Broad comparison of the myths of many cultures and their influence on subsequent literature.</td>
<td></td>
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</tr>
<tr>
<td></td>
<td>Materials Fee: $3.00</td>
<td>Transfer: CSU; UC</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Grading: Letter grade only</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>80236</td>
<td>C.Williams</td>
<td>9:30am-10:50am</td>
<td>MW</td>
<td>LA-100</td>
</tr>
<tr>
<td>ENGL-70A</td>
<td>World Literature</td>
<td>3.00 UNITS</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Prerequisite: ENGL-1A.</td>
<td></td>
<td></td>
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</tr>
<tr>
<td></td>
<td>Survey of significant authors and texts of world literature from earliest times through the mid-1600's. Examination of the relationship between historical events and literary works. (C-ID ENGL 140)</td>
<td></td>
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<td></td>
</tr>
<tr>
<td></td>
<td>Materials Fee: $3.00</td>
<td>Transfer: CSU; UC</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Grading: Letter grade only</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>80242</td>
<td>L.Fisher</td>
<td>8:00am-9:20am</td>
<td>TTH</td>
<td>LA-100</td>
</tr>
<tr>
<td>ENGL-74</td>
<td>Asian-American Literature</td>
<td>3.00 UNITS</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Prerequisite: Eligibility for ENGL-1A as determined by the Chaffey assessment process, or completion of ENGL-475 or ESL-475.</td>
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</tr>
<tr>
<td></td>
<td>Introductory analysis of Asian-American literature. Identification and analysis of recurrent themes, gender portrayals, writing styles, and topics associated with Asian-American authors.</td>
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<td></td>
</tr>
<tr>
<td></td>
<td>Materials Fee: $3.00</td>
<td>Transfer: CSU; UC</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Grading: Letter grade only</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>80237</td>
<td>B.Khaw-Posthuma</td>
<td>11:00am-12:20pm</td>
<td>MW</td>
<td>LA-100</td>
</tr>
</tbody>
</table>

Additional sections of some classes may be available; check the Chino, Fontana, Ontario High School, and Hybrid/Online sections.

### Reading & Writing Course Sequence

The ability to think, reason and communicate using written language is an essential skill. Starting with the right class for you will ensure your success and help you complete the required writing course in the shortest amount of time. Consult with a counselor for the skills needed for success in each class.

<table>
<thead>
<tr>
<th>SECTION #</th>
<th>INSTRUCTOR</th>
<th>HOURS</th>
<th>DAYS</th>
<th>ROOM</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL-75A</td>
<td>American Literature</td>
<td>3.00 UNITS</td>
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</tr>
<tr>
<td></td>
<td>Prerequisite: ENGL-1A.</td>
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<td></td>
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</tr>
<tr>
<td></td>
<td>Survey of significant authors and texts of American literature from its beginnings in the colonial period to the 1860s. Examination of the relationship between historical events and literary works. (C-ID ENGL 130)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Materials Fee: $3.00</td>
<td>Transfer: CSU; UC</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Grading: Letter grade only</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>80235</td>
<td>D.Keener</td>
<td>8:00am-9:20am</td>
<td>MW</td>
<td>LA-100</td>
</tr>
<tr>
<td>ENGL-80A</td>
<td>Survey of British Literature</td>
<td>3.00 UNITS</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Prerequisite: ENGL-1A.</td>
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</tr>
<tr>
<td></td>
<td>Chronological survey of major authors and texts of British literature from the Old English to the Neoclassic period (up to the last quarter of the 18th century). Examination of the relationships between historical events and literary works.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Materials Fee: $3.00</td>
<td>Transfer: CSU; UC</td>
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<td>Grading: Letter grade only</td>
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</tr>
<tr>
<td>80300</td>
<td>L.Fisher</td>
<td>8:00am-9:50am</td>
<td>MW</td>
<td>LA-106</td>
</tr>
<tr>
<td></td>
<td>SECT 8030: PUENTE program class. Instructor consent is required for registration.</td>
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<tr>
<td>80331</td>
<td>D.Hodge</td>
<td>8:00am-9:50am</td>
<td>MW</td>
<td>LA-113</td>
</tr>
<tr>
<td>80335</td>
<td>J.Lehar</td>
<td>8:00am-9:50am</td>
<td>TTH</td>
<td>LA-113</td>
</tr>
</tbody>
</table>

**ENGL-475 Fundamentals of College Reading and Writing**

Prerequisite: Eligibility for ENGL-475 as determined by the Chaffey assessment process, or successful completion of ENGL-550 or 575, or READ-530, or BUSOT-455.

Careful study and practice of critical thinking, reading, and expository writing techniques, using primarily nonfiction texts, and the frequent writing of compositions with the ultimate goal of writing an essay using sources. Preparation for English 1A and a variety of academic disciplines. Five hours of supplemental learning in a Success Center that supports this course are required.

Materials Fee: $0.00

Grading: Letter grade only

**NOTE:** Sections held in LA-113 may have in-class computer writing assignments. Basic computer and keyboarding skills are recommended.
### ATTENTION STUDENTS

Reading and English have been combined. Use the grid below to determine what course you should take based on what course(s) you’ve successfully completed or assessed into:

<table>
<thead>
<tr>
<th>If you assessed into...</th>
<th>ENGL-1A</th>
<th>If you passed one of these classes, you should register for...</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL-475 or ENGL-450, or READ-550</td>
<td>ENGL-475 or ENGL-450, or ESL-475 or ESL-450, or READ-550</td>
<td>ENGL-1A</td>
</tr>
<tr>
<td>ENGL-575 or ENGL-550, or READ-530</td>
<td>ENGL-575 or ENGL-550, or READ-530, or BUSOT-455</td>
<td>ENGL-475</td>
</tr>
<tr>
<td>ENGL-675 or ENGL-500, or READ-520</td>
<td>ENGL-500 or READ-510</td>
<td>ENGL-675</td>
</tr>
</tbody>
</table>

Additional sections of some classes may be available; check the Chino, Fontana, Ontario High School, and Hybrid/Online sections.

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### FALL 2014/Spring 2015 Schedule of Classes

<table>
<thead>
<tr>
<th>SECTION #</th>
<th>INSTRUCTOR</th>
<th>HOURS</th>
<th>DAYS</th>
<th>ROOM</th>
</tr>
</thead>
<tbody>
<tr>
<td>80312</td>
<td>B.Eskew</td>
<td>8:00am-11:50am</td>
<td>F</td>
<td>LA-106</td>
</tr>
<tr>
<td>80314</td>
<td>J.Ford</td>
<td>9:00am-12:50pm</td>
<td>S</td>
<td>LA-106</td>
</tr>
<tr>
<td>80301</td>
<td>D.Hodge</td>
<td>10:00am-11:50am</td>
<td>MW</td>
<td>LA-106</td>
</tr>
<tr>
<td>80302</td>
<td>A.Romero</td>
<td>12:00pm-1:50pm</td>
<td>MW</td>
<td>LA-106</td>
</tr>
<tr>
<td>80341</td>
<td>A.Bartlett</td>
<td>12:00pm-1:50pm</td>
<td>T/L</td>
<td>LA-113</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>INET</td>
</tr>
<tr>
<td>08/18/14-12/19/14</td>
<td>Last day to add: 08/25/14</td>
<td>SECT 80341: Hybrid class; see page 152 for more info.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>80337</td>
<td>Z.Moore</td>
<td>12:00pm-1:50pm</td>
<td>TTH</td>
<td>LA-106</td>
</tr>
<tr>
<td>80308</td>
<td>A.Bartlett</td>
<td>12:00pm-1:50pm</td>
<td>TH</td>
<td>LA-113</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td>INET</td>
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<td>SECT 80308: Hybrid class; see page 152 for more info.</td>
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<tr>
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<tr>
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<tr>
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<td>4:30pm-6:45pm</td>
<td>MTWTH</td>
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<td>Last day to add: 10/27/14</td>
<td>SECT 80305: Fast-Track class linked with ENGL-575, section 80304. See pages 168-174 for more info.</td>
<td></td>
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<tr>
<td>80326</td>
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<td>SECT 80311: Fast-Track class; see pages 168-174 for more info. (more sections are at Chino and Fontana)</td>
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### ENGL-575 Introduction to College Reading and Writing

Prerequisite: Eligibility for ENGL-575 as determined by the Chaffey assessment process, or successful completion of READ-500 or READ-520.

Introduction to the academic reading, writing, critical thinking, and study skills expected at the college level with the ultimate goal of producing clear, competent essays. Seven hours of supplemental learning in a Success Center that supports this course are required.

Materials Fee: $0.00 Not degree applicable

Grading: Letter grade only

NOTE: Sections held in LA-113 may have in-class computer writing assignments. Basic computer and keyboarding skills are recommended.

<table>
<thead>
<tr>
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<th>INSTRUCTOR</th>
<th>HOURS</th>
<th>DAYS</th>
<th>ROOM</th>
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08/18/14-10/08/14 | Last day to add: 08/25/14 | SECT 80304 Fast-Track class linked with ENGL-475, section 80305. See pages 168-174 for more info. |

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(Additional sections are at Chino and Fontana)

## ENGL-675 Preparation for College Reading and Writing

Prerequisite: Eligibility for ENGL-675 as determined by the Chaffey assessment process, or successful completion of READ-500 or READ-510.

Introduces the inexperienced reader and writer to a variety of pre-college and college-level texts and writing situations. Prepares students for the thinking, reading, and writing skills necessary to succeed at the college level. Ten hours of supplemental learning in a Success Center that supports this course are required. Upon successful completion of the course student may re-assess for possible placement into the credit curriculum. May be taken three times. Non Credit Course

Grading: Pass/No Pass

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<th>HOURS</th>
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<td>6:00pm-9:50pm</td>
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(Another section is at Fontana)

## CREDIT CARD USERS

(VISA, MASTERCARD, AMERICAN EXPRESS AND DISCOVER)

To avoid standing in long lines, Chaffey strongly suggests that you pay your fees online via MyChaffeyVIEW. Credit card payments are processed through the “Official Payments” vendor and have the same security measures whether you make your payment online via your home computer or in person.)
# English as a Second Language (ESL)

909/652-6903

## ESL-475 Fundamentals of College Reading and Writing for ESL Students
- **Prerequisite:** Eligibility for ESL-475 as determined by the Chaffey assessment process, or satisfactory completion of ESL-556 and 558.
- Careful study and practice of critical thinking, reading, and expository writing techniques for non-native speakers of English. Uses primarily nonfiction texts to facilitate composition writing, with the ultimate goal of writing an essay using sources. Prepares the student for English 1A and a variety of academic disciplines. Five hours of supplemental learning in a Success Center that supports this course is required.
- Materials Fee: $0.00
- Grading: Letter grade only
- **80349 C.Phipps** 8:00am-9:50am MW TA-1M
- (another section is at Fontana)

## ESL-508 Pronunciation of American English 3.00 UNITS
- **Prerequisite:** Placement recommendation by the ESL assessment test into ESL-544, 546, or 548 or higher level course, or satisfactory completion of ESL-534, 536, or 538.
- Intensive instruction speaking and pronunciation skills to improve fluency and minimize accents. Topics include: consonants and vowels, pitch and intonation patterns, rhythm, and sound reductions. Eight hours of supplemental learning in a Success Center that supports this course is required.
- Materials Fee: $3.00
- Grading: Pass/No Pass only
- **80382 L.Tougas** 12:30pm-1:50pm TTH TA-08
- (another section is at Fontana)

## ESL-534 Intermediate Oral Communication 3.00 UNITS
- **Prerequisite:** Placement recommendation by the ESL assessment test, or satisfactory completion of ESL-641.
- A conversational approach to learning English. Conversation skills and language used in reading, listening, writing, and grammar form. Course builds overall fluency and comprehension. Eight hours of supplemental learning in a Success Center that supports this course is required.
- Materials Fee: $3.00
- Grading: Pass/No Pass only
- **80368 S.Murphy** 8:00am-9:20am MW TA-08
- **80369 D.Evans** 12:30pm-1:50pm TTH TA-1N
- (another section is at Fontana)

## ESL-536 Intermediate Reading and Vocabulary Skills 3.00 UNITS
- **Prerequisite:** Placement recommendation by the ESL assessment test, or satisfactory completion of ESL-641.
- An intermediate level reading course. Emphasis is on reading in class, vocabulary development, general comprehension, reading for details, fact versus opinion, and reading speed.
- Materials Fee: $3.00
- Grading: Pass/No Pass only
- **80375 S.Murphy** 9:30am-10:50am MW TA-08
- **80376 D.Evans** 11:00am-12:20pm TTH TA-1N
- (another section is at Fontana)

## ESL COURSE SEQUENCE

- **ESL-475** College Reading and Writing for ESL Students
- **ESL-554** Advanced Oral Communication
- **ESL-544** High Intermediate Oral Communication
- **ESL-534** Intermediate Oral Communication
- **ESL-508** Pronunciation of American English
- **ESL-506** Computer-Based Skills
- **ESL-550** English and Citizenship
- **ESL-556** Advanced Reading
- **ESL-536** Intermediate Reading Skills
- **ESL-538** Intermediate Writing & Grammar
- **ESL-546** High Intermediate Reading Skills
- **ESL-548** High Intermediate Writing & Grammar
- **ESL-641** (Non-Credit) Everyday English
- **ESL-640** (Non-Credit) Literacy Level English

Additional sections of some classes may be available; check the Chino, Fontana, Ontario High School, and Hybrid/Online sections.
ESL-538  Intermediate Writing and Grammar  3.00 UNITS
Prerequisite: Placement recommendation by the ESL assessment test, or satisfactory completion of ESL-641.
An intermediate level writing and grammar course, with focus on improving written grammar and fluency. Skills emphasis: tenses, mechanics, sentence structures, transitions, and basic paragraph structure. Eight hours of supplemental learning in a Success Center that supports this course is required.
Materials Fee: $3.00   Not degree applicable
Grading: Pass/No Pass only

ESL-544  High-Intermediate Oral Communication  3.00 UNITS
Prerequisite: Placement recommendation by the ESL assessment test, or satisfactory completion of ESL-534.
A communicative approach to learning English. Conversation strategies, pronunciation work, and directed listening activities help build strong fluency and comprehension. Eight hours of supplemental learning in a Success Center that supports this course is required.
Materials Fee: $3.00   Not degree applicable
Grading: Pass/No Pass only

ESL-546  High-Intermediate Reading and Vocabulary  3.00 UNITS
Prerequisite: Placement recommendation by the ESL assessment test, or satisfactory completion of ESL-536.
A high-intermediate reading course. Emphasis is on independent reading, vocabulary enrichment and development, morphology, comprehension, reading for details, and critical thinking.
Materials Fee: $3.00   Not degree applicable
Grading: Pass/No Pass only

ESL-548  High-Intermediate Writing and Grammar  3.00 UNITS
Prerequisite: Placement recommendation by the ESL assessment test, or satisfactory completion of ESL-538.
A high-intermediate writing and grammar course. The focus moves the writer away from personal to academic writing. Emphasis: syntax, mechanics, usage, sentence types, paragraphs, purpose, and audience. Eight hours of supplemental learning in a Success Center that supports this course is required.
Materials Fee: $3.00   Not degree applicable
Grading: Pass/No Pass only

Additional sections of some classes may be available; check the Chino, Fontana, Ontario High School, and Hybrid/Online sections.
ESL-640  Literacy-Level English  0.00 UNITS
Prerequisite: Placement recommendation by the Chaffey ESL assessment test.
Beginning course that focuses on survival English skills and introduces the student to the structure of the American classroom. Emphasis is on basic vocabulary and deducing meaning from the written and spoken word. Ten hours of supplemental learning in a Success Center that supports this course is required. May be taken twice.
Non Credit Course
Grading: Pass/No Pass
(section is at Fontana)

ESL-641  Everyday English  0.00 UNITS
Advisory: Placement recommendation by the ESL assessment test, or completion of ESL-640.
Multi-level course that focuses on the use of English language skills in everyday contexts. Emphasis on vocabulary development, listening comprehension, pronunciation, oral practice, and basic reading and writing. Ten hours of supplemental learning in a Success Center that supports this course is required. May be taken twice.
Non Credit Course
Grading: Pass/No Pass
80360 STAFF  9:00am-12:00pm  S  TA-1N
80356 S.Murphy  11:00am-12:20pm  MW  TA-08
80357 L.Tougas  11:00am-12:20pm  TTH  TA-08
(more sections are at Fontana)

ESL-650  English and Citizenship  0.00 UNITS
Prerequisite: Placement recommendation at ESL-534, 536, 538, or higher-level ESL course as determined by the Chaffey ESL assessment process, or completion of ESL-641.
A beginning course for non-native speakers of English who wish to become citizens of the United States. Topics: basic English, basic U.S. history and government, and American culture and civics. May be repeated.
Non Credit Course
Grading: Pass/No Pass
(sections are at Fontana)

Fashion Design/Merchandising
(FASHD/M)
(See Chino Section)  909/652-8010

Film/Radio/Television
(See Broadcasting and Cinema)  909/652-6066

FEE PAYMENTS
Students receiving Financial Aid, 3rd party sponsored billing, and students enrolled in the Facts Payment plan (see www.chaffey.edu/cashier/facts.shtml) will not be dropped from their classes for non-payment.

For everyone else, payment is due not more than 10 calendar days from the date of registration (including holidays and weekends).

For more detailed information, see the Payment Deadline information on pages 12-15 and Payment Date Due Chart on page 16.

Fire Technology (FIRETEC)

FIREFTEC-1  Principles of Emergency Services  3.00 UNITS
Overview of fire protection and emergency services including the philosophy, history, evolution, organizational structure, functions of public and private fire protection services, and career opportunities.
Materials Fee: $3.00  Transfer: CSU
Grading: Letter grade only
81237 T.Hayward  11:00am-2:30pm  TTH  BE-101
08/19/14-10/07/14  Last day to add: 08/25/14
SECT 81237: Fast-Track class; see pages 168-174 for more info.
81236 T.Hayward  2:00pm-3:20pm  MW  BE-103

FIREFTEC-2  Fire Behavior and Combustion  3.00 UNITS
Fundamentals of fire causation, spread, and control. In-depth study of fire chemistry and physics, characteristics of combustible and flammable substances, types of extinguishing agents, and fire control techniques.
Materials Fee: $3.00  Transfer: CSU
Grading: Letter grade only
81235 T.Hayward  9:30am-10:50am  MW  BE-101
(another section is at Fontana)

FIREFTEC-3  Fire Protection Systems  3.00 UNITS
Design features and operation of fire detection and alarm systems, heat and smoke control systems, special protection and sprinkler systems, water supply for fire protection, and portable fire extinguishers.
Materials Fee: $3.00  Transfer: CSU
Grading: Letter grade only
81238 T.Hayward  11:00am-2:30pm  TTH  BE-101
10/21/14-12/11/14  Last day to add: 10/27/14
SECT 81238: Fast-Track class; see pages 168-174 for more info.

FIREFTEC-8  Fire Ground Hydraulics  3.00 UNITS
Principles of hydraulics, hydraulic measurements, engine and hose appliance calculations, discharge and velocity flow calculations, and engine and nozzle pressure determination in field situations.
Materials Fee: $3.00  Transfer: CSU
Grading: Letter grade only
81239 T.Hayward  11:00am-12:20pm  MW  BE-101

NEED HELP WITH THE COST OF TEXTBOOKS?
Chaffey's Emergency Book Grant and Textbook Rental programs can assist you. For details about the book grants, please call 909/652-6540 or 6577.
For more info about the rental program, please call 909/652-6577.
Textbook vouchers are valid only at Chaffey College bookstores and are not accepted at commercial bookstores or websites.
Above programs funded by the Chaffey College Service Fee.
### French (FR)
(Also see Am Sign, Arabic, Chinese, & Spanish)  909/652-6903

**FR-1** Elementary French  4.00 UNITS
Introduction to the French language (listening, speaking, reading, and writing skills), vocabulary, grammar, and life/culture/norms of French-speaking populations. Ten hours of supplemental learning in a Success Center that supports this course is required. This course corresponds to the first year of high school French.
Materials Fee: $4.00  Transfer: CSU; UC
Grading: Letter grade only

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**FR-2** Elementary French  4.00 UNITS
Prerequisite: FR-1 or one year of high school French.
Continued study of the French language (listening, speaking, reading, and writing), grammar, vocabulary, and life/culture/norms of French-speaking populations. Ten hours of supplemental learning in a Success Center that supports this course is required.
Materials Fee: $4.00  Transfer: CSU; UC
Grading: Letter grade only

### Geography (GEOG)
909/652-6404

**GEOG-1** World Regional Geography  3.00 UNITS
Survey of the physical, cultural, and economic features of the world’s regions and nations as interpreted by geographers. (C-ID GEOG 125)
Materials Fee: $3.00  Transfer: CSU; UC
Grading: Letter grade only

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**GEOG-4** Physical Geography  3.00 UNITS
Spatial study of the Earth’s dynamic physical systems and processes, including Earth-sun geometry, weather, climate, water, landforms, soil, and the biosphere. (C-ID GEOG 110)
Materials Fee: $3.00  Transfer: CSU; UC
Grading: Letter grade only

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### Geography (GEOG)
(Another section is at Fontana)

**GEOG-5** Physical Geography Laboratory  1.00 UNITS
Corequisite: GEOG-4 (may be taken previously).
On-site observation, interpretation, and analysis of climate, soils, landforms, plant, and animal distribution. Two Friday-through-Sunday field trips are a required part of this course. (C-ID GEOG 111)
Materials Fee: $1.00  Transfer: CSU; UC
Grading: Letter grade only

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### Geology (GEOL)
909/652-6403

**GEOL-1** Physical Geology  4.00 UNITS
Principles of geology emphasizing Earth’s processes, internal structure, origin, and the processes that change and shape it. Lab focuses on identification of rocks and minerals, and topographic and geologic map exercises demonstrating the work of water, wind, ice and gravity and the effects of tectonic activity. (C-ID GEOL 101)
Materials Fee: $6.00  Transfer: CSU; UC
Grading: Letter grade only

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<td>2:00pm-3:20pm</td>
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**GEOL-2** Historical Geology  4.00 UNITS
Advisory: Completion of GEOL-1.
Materials Fee: $4.00  Transfer: CSU; UC
Grading: Letter grade only

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<td>81900</td>
<td>A.Foutz</td>
<td>6:00pm-7:20pm</td>
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<td>PS-109</td>
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<td>7:30pm-8:50pm</td>
<td>MW</td>
<td>PS-109</td>
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Additional sections of some classes may be available; check the Chino, Fontana, Ontario High School, and Hybrid/Online sections.
Gerontology (GERO)

GERO-11 Introduction to Gerontology 3.00 UNITS
Interdisciplinary study of aging, aging services, community resources, careers in gerontology, ethical, legal, and policy issues. NOTE: Earns 54 hours of CE credit: RCFE, NHAP, BRN#00426, and BBS #2178.
Materials Fee: $3.00
Transfer: CSU
Grading: Letter grade only
80732 C.Bacus 11:00am-2:30pm TTH HS-132
08/19/14-10/07/14 Last day to add: 08/25/14
SECT 80732: Fast-Track class; see pages 168-174 for more info.
(section is online)

GERO-18 Aging and the Life Course 3.00 UNITS
Social, cultural, economic, gender, ethnic, and policy issues affecting an aging society, viewed from the gerontological perspective. NOTE: Earns 54 hours of CE credit: RCFE, NHAP, BRN #00426, and BBS #2178.
Materials Fee: $3.00
Transfer: CSU; UC credit limitations
Grading: Letter grade only
80734 S.Yoakum 7:00pm-9:50pm W HS-101

GERO-22 Dying and Death 3.00 UNITS
Study of death from a gerontological perspective, including history, societal practices, cross-cultural influences, biomedical, and the grieving process. NOTE: Earns 54 hours of CE credit: RCFE, NHAP, BRN #00426, and BBS #2178.
Materials Fee: $3.00
Transfer: CSU; UC credit limitations
Grading: Letter grade only
80735 C.Bacus 11:00am-2:30pm TTH HS-132
10/21/14-12/21/14 Last day to add: 10/27/14
SECT 80735: Fast-Track class; see pages 168-174 for more info.

GERO-23 Aging and Older Adulthood 3.00 UNITS
Study of the aging process from a gerontological perspective. Theories of aging, stereotypes, changes in health, cognition, and social relationships. NOTE: Earns 54 hours CE credit: RCFE, NHAP, BRN#00426, and BBS#2178.
Materials Fee: $3.00
Transfer: CSU; UC credit limitations
Grading: Letter grade only

GERO-404 Health and Wellness for Older Adults 3.00 UNITS
Understanding healthy aging as well as chronic conditions of later life. Health behaviors and lifestyle factors that contribute to good health. NOTE: Earns 54 hours of CE credit: RCFE, NHAP, BRN#00426, and BBS#2178.
Materials Fee: $2.00
Grading: Letter grade only

GERO-405 Resources and Services for Older Adults 2.00 UNITS
Provides students with skills needed to access community resources and services for older adults. NOTE: Earns 18 hours of CE credit: RCFE, NHAP, BRN#00426, and BBS#2178.
Materials Fee: $2.00
Grading: Letter grade only

GERO-406 Gerontology Career Practicum 1.00 UNITS
Corequisite: GERO-11 (may be taken previously).
Supervised work experience designed to apply gerontological knowledge in career-related work experience. Placement is arranged through the instructor.
Grading: Letter grade only
81715 S.Yoakum 5:00pm-5:50pm W HS-101
and Arranged hours work experience CLIN
SECT 81715: Six in-person meetings: 08/20, 08/27, 09/03, 09/10, 09/17, 09/24. Plus 60 hours in field.

GERO-422 Dementia Care 3.00 UNITS
The study of dementing illness from a gerontological perspective, including normal aging versus dementia, Alzheimer’s Disease and other dementias, and the assessment and treatment of dementing illnesses. Overview of medical and social models of care, the influence of environmental design, ethical issues, cultural differences that affect the experience of dementing illness and care, and the availability of community resources for those with dementia.
Materials Fee: $3.00
Grading: Letter grade only
(section is at Chino)

GERO-462 Activity Coordinator Training 4.00 UNITS
Training for individuals working as activity directors in skilled nursing facilities and other settings. NOTE: Earns 72 hours of CE credit: RCFE, NHAP, BRN#00426, and BBS#2178.
Materials Fee: $4.00
Grading: Letter grade only
81717 B.Sailors 6:00pm-9:50pm T HS-101

GERO-463 Social Work Designee Training 3.00 UNITS
Responsibilities of the social work designee charged who meet the medically-related social and emotional needs of residents in long-term care facilities. NOTE: Earns 54 hours CE credit: NHAP, RCFE, BRN#00426, and BBS#2178.
Materials Fee: $3.00
Grading: Letter grade only
(section is at Chino)

Guidance (GUID)

GUID-2 Essentials of Student Success 2.00 UNITS
Designed to increase student proficiency and retention in college. Topics include: learning styles, study and time management techniques, motivation, library research methods, critical thinking, memory and reading strategies, and others.
Materials Fee: $2.00
Transfer: CSU
Grading: Letter grade only
79679 D.Colondres 8:00am-9:50am F CAA-215
SECT 79679: Targeted to EOPS students.
79673 R.Garcia 9:30am-10:20am TTH CAA-215
79676 S.Wilhelm 10:00am-11:30am MW SS-106
08/18/14-10/08/14 Last day to add: 08/25/14
SECT 79676: Fast-Track class; see pages 168-174 for more info.
79674 J.deLeon 12:30pm-1:20pm TTH CAA-215
79675 D.Colondres 2:00pm-2:50pm TTH CAA-215
SECT 79675: Targeted to AMAN/AWOMAN students.
79677 M.Molina 2:00pm-3:50pm W BE-101
SECT 79677: Targeted to Puente Program students
79680 M.Hernandez 7:00pm-9:15pm MW CAA-215
08/18/14-10/08/14 Last day to add: 08/25/14
SECT 79680: Fast-Track class targeted to EOPS students. See pages 168-174 for more info.
(more sections are at Chino and Fontana)
GUID-3  Career Exploration and Life Planning  3.00 UNITS
Career and life planning for students seeking direction in setting life, academic
and career goals. Topics include problem-solving approaches; evaluation of
values, interests, skills, and personality characteristics; academic learning
strategies; and career investigation.
Materials Fee: $5.50  Transfer: CSU
Grading: Letter grade only
79684 J.de Leon  8:00am-9:20am  TTH  CAA-215
79688 R.Garcia  9:00am-11:50am  S  CAA-215
79685 B.Mansouri  11:00am-2:30pm  TTH  CAA-215
08/19/14-10/07/14  Last day to add: 08/25/14
SECT 79685: Fast-Track class; see pages 168-174 for more info.
79686 B.Mansouri  11:00am-2:30pm  TTH  CAA-215
10/21/14-12/11/14  Last day to add: 10/27/14
SECT 79686: Fast-Track class; see pages 168-174 for more info.
79692 S.Wilhelm  12:30pm-1:50pm  MW  BE-101
79693 S.Wilhelm  2:00pm-3:20pm  MW  SS-102
79690 D.Rodriguez  6:00pm-9:00pm  F  CAA-215
79688 G.Curasi  7:00pm-9:50pm  M  WH-112
79687 B.Mansouri  7:00pm-9:50pm  TH  CAA-215
(another section is at Fontana)

GUID-507  Opening Doors to Student Effectiveness  3.00 UNITS
Targeted to students in the Opening Doors to Excellence program designed to
address the academic and personal challenges of student effectiveness. Three
hours of supplemental learning in a Success Center that supports this course
is required. Instructor signature required.
Materials Fee: $3.00  Not degree applicable
Grading: Letter grade only
79694 K.Hirst  8:00am-9:20am  MW  CAA-215
79697 S.Starr  9:30am-10:50am  MW  CAA-215
79695 A.Borghi  9:30am-10:50am  TTH  BE-105
79696 A.Borghi  12:30pm-1:50pm  TTH  BE-105
79698 K.Hirst  7:00pm-9:50pm  T  CAA-215
(another section is at Fontana)

GUID-650  Supervised Tutoring  0.00 UNITS
Limitation on Enrollment: Referral by course instructor or academic counselor
is required. Student must be enrolled in another Chaffey College course.
Open-entry/open-exit supervised tutoring course that provides students
assistance in understanding college course assignments. Individualized/small
group tutoring and Supplemental Instruction (SI) sessions are conducted
outside of class time in a learning assistance center, and are structured to help
students achieve specific course objectives or improve learning and study skills
in specific subject matter. The content of this course varies according to the
course for which tutoring is sought. May be repeated.
Non-credit course
Grading: Ungraded
81747 R.Rundquist  08/18/14-12/19/14  Success Centers
Arranged hours  Last day to add: 12/19/14

GUIDANCE 650
This course provides tutoring assistance to students currently
enrolled in another Chaffey College credit or non-credit course.
Enrollment in GUID-650 may be accomplished during registration
or at any time during the term in any Success Center. A current
Chaffey student ID is required to access this service.
HIST-5  Early Western Civilizations  3.00 UNITS
Development of the cultural foundations of Western peoples from prehistoric times, through the era of Middle Eastern dominance, the Middle Ages, and the Renaissance period in Western Europe. (C-ID HIST 170)
Materials Fee: $3.00  Transfer: CSU; UC
Grading: Letter grade only

HIST-9  History of Asian Civilizations I  3.00 UNITS
Cultural development of Asian peoples from prehistoric times to the sixteenth century A.D., emphasizing religion and philosophy as well as early social and political institutions in China, India, Japan, and Korea.
Materials Fee: $3.00  Transfer: CSU; UC
Grading: Letter grade only

HIST-12  Asian American History  3.00 UNITS
Historical experience of the Asian-American community in the United States from the mid-nineteenth century to today. Issues confronted by Asian groups including cultural roots, immigration experiences, and settlement patterns.
Materials Fee: $3.00  Transfer: CSU; UC
Grading: Letter grade only

HIST-17  United States History Through 1877  3.00 UNITS
Prerequisite: Eligibility for ENGL-1A as determined by the Chaffey assessment process, or satisfactory completion of ENGL-450, ENGL-475, ESL-450, ESL-475, or READ-550.
Survey of United States history from its colonial foundations through Reconstruction. Satisfies the CSU requirement in American history.
Materials Fee: $3.00  Transfer: CSU; UC
Grading: Letter grade only

HIST-8  History of the United States from 1945 to the Present  3.00 UNITS
Advisory: Eligibility for ENGL-1A as determined by the Chaffey assessment process, or satisfactory completion of ENGL-450, ENGL-475, ESL-450, ESL-475, or READ-550.
Development of the United States from the Reconstruction Era through the present. Satisfies the CSU requirement in American history.
Materials Fee: $3.00  Transfer: CSU; UC
Grading: Letter grade only

HIST-20  History of the United States from 1945 to the Present  3.00 UNITS
Advisory: Eligibility for ENGL-1A as determined by the Chaffey assessment process, or satisfactory completion of ENGL-450, ENGL-475, ESL-450, ESL-475, or READ-550.
Development of the United States from the Reconstruction Era through the present. Satisfies the CSU requirement in American history.
Materials Fee: $3.00  Transfer: CSU; UC
Grading: Letter grade only

GoSmart Program
A required transportation fee of $7.50 for students registered in six (6) or more units and $7.00 for students registered in less than six (6) units in the Fall and Spring semesters allows students to ride all of Omnitrans’ fixed route bus services at no charge during the semester by using their Student ID card.
Additionally, students enrolled in the Spring semester are eligible for bus services during the subsequent Summer term at no additional cost.

Additional sections of some classes may be available; check the Chino, Fontana, Ontario High School, and Hybrid/Online sections.
### Humanities (HUMAN)

#### HUMAN-5  Arts and Ideas: Antiquity to Renaissance 3.00 UNITS
Prerequisite: Eligibility for ENGL-1A as determined by the Chaffey assessment process, or completion of ENGL-475 or ESL-475.
An interdisciplinary study of the movements in art, music, literature, and philosophy from Ancient Western Civilization to the 1500s within a cultural and historical perspective.
Materials Fee: $3.00  Transfer: CSU; UC
Grading: Letter grade only
79281 F.Melo  3:30pm-4:50pm  MW  SS-102

#### HUMAN-6  Arts and Ideas: Renaissance to Modern 3.00 UNITS
Prerequisite: Eligibility for ENGL-1A as determined by the Chaffey assessment process, or completion of ENGL-475 or ESL-475.
An interdisciplinary study of the movements in art, music, literature, and philosophy from 1500s Western Civilization to the modern era within a cultural and historical perspective.
Materials Fee: $3.00  Transfer: CSU; UC
Grading: Letter grade only
79282 D.Loomis  11:00am-12:20pm  MW  SS-108
79283 R.Reeves  3:00pm-6:30pm  TTH  SS-113
10/21/14-12/11/14 Last day to add: 10/27/14
SECT 79283: Fast-Track class; see pages 168-174 for more info.

### Industrial Electrical Technologies (IET)

#### (See Chino Section) 909/652-7657

### Interior Design (ID)

#### (See Chino Section) 909/652-8010

### Hospitality Management (HOTFS)

#### (See Chino Section) 909/652-8010

### Kinesiology: Activity (KINACT)

#### KINACT-1  Beginning Tennis 1.00 UNITS
Emphasis on court etiquette, history, and fundamental skills for tennis including singles and doubles play, so that students may participate in a lifetime activity. Fundamental instruction includes serving, forehand, backhand, volley shots, and game strategy.
Materials Fee: $1.00  Transfer: CSU; UC credit limitations
Grading: Letter grade only
81531 P.Harris  11:00am-12:20pm  TTH  G-TEN/CRT

### Journalism (JOUR)

#### JOUR-10  Newswriting 3.00 UNITS
Prerequisite: Eligibility for ENGL-1A as determined by the Chaffey assessment process, or completion of ENGL-475 or ESL-475.
Selecting information and writing news stories in a clear and concise manner, with focus on fundamentals of correct grammar and spelling. News copy preparation and formatting. Legal and ethical issues facing journalists.
(C-ID JOUR 110)
Materials Fee: $3.00  Transfer: CSU; UC
Grading: Letter grade only
80286 M.Muckenfuss  5:30pm-6:50pm  MW  WH-71

#### JOUR-11  Multimedia Reporting 3.00 UNITS
Prerequisite: ENGL-1A.
Advisory: Completion of JOUR-10.
Principles and practice in multimedia storytelling with a journalism emphasis.
(C-ID JOUR 120)
Materials Fee: $3.00  Transfer: CSU
Grading: Letter grade only
80294 M.Dowd  8:00am-9:20am  MW  WH-71
80296 D.Walsh  9:30am-10:20am  TTH  WH-71
80297 D.Walsh  10:30am-11:50am  TTH  WH-71

#### JOUR-30  Student Media Practicum I 3.00 UNITS
Prerequisite: JOUR-30.
Experience in planning, editing, and producing a bi-weekly student newspaper.
Students write stories, editorials, reviews, and headlines; design the layout; edit copy; take, print, and edit photos; design/layout pages; and distribute the finished paper.
Materials Fee: $0.00  Transfer: CSU
Grading: Letter grade only
80297 D.Walsh  2:00pm-2:50pm  TTH  WH-71
80298 D.Walsh  3:00pm-4:20pm  TTH  WH-71

#### JOUR-31  Student Media Practicum II 3.00 UNITS
Prerequisite: JOUR-30.
Leadership/management roles in the planning, editing, and production of a bi-weekly student newspaper. Students write stories, editorials, reviews, and headlines; edit copy; take, print, and edit photos; design/layout pages; and distribute the finished paper.
Materials Fee: $0.00  Transfer: CSU
Grading: Letter grade only
80297 D.Walsh  2:00pm-2:50pm  TTH  WH-71
80298 D.Walsh  3:00pm-4:20pm  TTH  WH-71

Additional sections of some classes may be available; check the Chino, Fontana, Ontario High School, and Hybrid/Online sections.
KINACT-2 Advanced Tennis  1.00 UNITS
Course emphasizes the rules, court etiquette, history, and advanced skills of tennis.
Materials Fee: $1.00   Transfer: CSU; UC credit limitations.
Grading: Letter grade only
81712 P.Harris  11:00am-12:20pm TTH G-SC/FIELD

KINACT-9 Swimming  1.00 UNITS
Basic skills and safety precautions for swimming. Several different strokes are taught according to skill levels.
Materials Fee: $1.00   Transfer: CSU; UC credit limitations
Grading: Letter grade only
81561 M.Dickson  9:30am-10:50am TTH G-POOL

KINACT-16 Volleyball  1.00 UNITS
Course emphasizes rules, strategy, and basic volleyball skill development such as setting, digging, serving, spiking and team strategies.
Materials Fee: $1.00   Transfer: CSU; UC credit limitations
Grading: Letter grade only
81532 L.Chowen  12:30pm-1:50pm TTH G-GYM

KINACT-17 Advanced Volleyball  1.00 UNITS
Advisory: Previous volleyball experience is recommended. Advanced volleyball skills with emphasis on strategy, skills, and complex offensive and defensive schemes.
Materials Fee: $1.00   Transfer: CSU; UC credit limitations
Grading: Letter grade only
81726 L.Chowen  11:00am-12:20pm MWF G-GYM

KINACT-22 Soccer  1.00 UNITS
Introduction to the game of soccer with emphasis on information and practice in the skills of kicking, trapping, shooting, passing, rules, and basic tactics. Class is suitable for both beginners and students who have played soccer.
Materials Fee: $1.00   Transfer: CSU; UC credit limitations
Grading: Letter grade only
81728 G.Cooper  9:30am-10:50am MWF G-SC/FIELD

KINACT-23 Intermediate Soccer  1.00 UNITS
Advisory: Completion of KINACT-22. Designed for players with basic soccer playing skills and understanding of the game who wish to improve their playing abilities. Topics include heading drills, systems of play, ball control skills, and advanced defense and offense tactics.
Materials Fee: $1.00   Transfer: CSU; UC credit limitations
Grading: Letter grade only
81729 G.Cooper  9:30am-10:50am MWF G-SC/FIELD

KINACT-24 Low Impact Aerobics  1.00 UNITS
High energy, low impact aerobic exercises stressing good posture, proper warm-ups and cool-downs, strength, flexibility, and endurance exercise. Designed for beginning students.
Materials Fee: $1.00   Transfer: CSU; UC credit limitations
Grading: Letter grade only
81537 C.Kindred  9:30am-10:50am MWF G-203
81538 P.Peoples  9:30am-10:50am MWF G-203
81536 C.Kindred  2:00pm-3:00pm MWF G-203
81535 L.Harlow  5:30pm-6:30pm MWF G-203
(another section is at Fontana)

KINACT-25 Spinning for Fitness  1.00 UNITS
Use of indoor cycling bikes for improving overall physical fitness and health. Students develop a safe and efficient spinning program designed to meet their fitness goals. Suitable for both genders and all fitness levels.
Materials Fee: $1.00   Transfer: CSU; UC credit limitations
Grading: Letter grade only
81507 R.Hadaway  8:00am-9:00am MWF G-203
81506 R.Hadaway  8:00am-9:00am MWF G-203
81550 L.Pfeiffer  11:00am-12:00pm MWF G-203
81541 P.Peoples  12:30pm-1:30pm MWF G-203
(another section is at Fontana)

KINACT-28 Yoga  1.00 UNITS
Relaxation techniques to improve health and fitness levels of the mind and body. Emphasis on gaining flexibility, muscle strength, endurance, and coordination through the physical postures.
Materials Fee: $1.00   Transfer: CSU; UC credit limitations
Grading: Letter grade only
81545 F.Stewart  8:00am-9:00am MWF G-203
81544 L.Harlow  8:00am-9:00am MWF G-203
81543 D.Bednarczyk  11:00am-12:00pm MWF G-203
81542 F.Stewart  12:00pm-1:00pm MWF G-203
81546 K.Rooney  7:00pm-8:00pm MWF G-203
(another section is at Fontana)

KINACT-29A Beginning Body Conditioning  1.00 UNITS
Basic exercises for the development of major muscle groups, with emphasis on muscular strength, endurance and flexibility.
Materials Fee: $1.00   Transfer: CSU
Grading: Letter grade only
81505 R.Hadaway  8:00am-9:00am MWF G-205
81510 J.Harlow  8:00am-9:00am MWF G-205
81513 J.Harlow  8:00am-9:00am MWF G-205
81547 C.Knight-Garcia  9:00am-10:00am MWF G-205
SECT 81547: This class is targeted to DPS students
81508 R.Hadaway  9:30am-10:30am MWF G-205
81548 A.Allen  10:00am-11:00am MWF G-205
81552 J.Harlow  11:00am-12:00pm MWF G-205
81549 B.Ihem  12:00pm-1:00pm MWF G-205
81553 J.Keller  5:00pm-6:00pm MWF G-205
08/18/14-10/08/14 Last day to add: 08/25/14
SECT 81553: Fast-track class; see pages 168-174 for more info.
81550 L.Pfeiffer  7:00pm-8:00pm MWF G-205
81554 R.Monk  7:00pm-8:00pm MWF G-205
81551 L.Pfeiffer  8:00pm-9:00pm MWF G-205
81555 R.Monk  8:00pm-9:00pm MWF G-205
### KINESIOLOGY: Lecture (KINLEC)

#### KINLEC-2  Introduction to Athletic Training  3.00 UNITS
**Advisory:** Possession of current first-aid and cardiopulmonary resuscitation cards.

- Concepts of prevention, recognition, emergency care, evaluation, management, treatment and rehabilitation resulting from physical activity and athletics. Course is intended for students interested in pursuing careers as Athletic Trainers and/or Coaches.
- Materials Fee: $3.00  
  Transfer: CSU; UC
- Grading: Letter grade only
- 81580 E. Levanway  8:00am-9:15am  TTH  G-134
  (another section is at Fontana)

#### KINLEC-9  Theory and Analysis of Football  2.00 UNITS
**Comprehensive video review of football techniques by football coaches. Video tape from four-year colleges, community colleges, and high schools is reviewed and analyzed. For physical education majors who want to coach football.**
- Materials Fee: $2.00  
  Transfer: CSU
- Grading: Letter grade only
- 81742 D. Portz  3:00pm-4:10pm  MTWTH  G-133
  08/18/14-10/08/14  Last day to add: 08/25/14
  SECT 81742: Fast-track class; see pages 168-174 for more info.

#### KINLEC-13  Professional Activities: Coaching Team  3.00 UNITS
**Sports**
Information and experience for prospective players, coaches, and teachers. Introduction to the physical, mental, and emotional aspects of playing and coaching competitive sports.
- Materials Fee: $3.00  
  Transfer: CSU; UC credit limitations
- Grading: Letter grade only
- 81515 K. Harris  7:00pm-10:30pm  MW  G-134
  08/18/14-10/07/14  Last day to add: 08/25/14
  SECT 81515: Fast-Track class; see pages 168-174 for more info.

#### KINLEC-11  Lifeguard Training  3.00 UNITS
**Limitation on Enrollment:** Students must be able to:
- (a) Swim 300 yards continuously, and
- (b) Starting in the water, swim 20 yards using front crawl or breaststroke, surface dive 7-10 feet, retrieve a 10-pound object, return to the surface, swim 20 yards back to the starting point with the object, and exit the water without using a ladder or steps, all within 1 minute, 40 seconds.
- Course is designed primarily for special interest groups responsible for preventing water accidents and performing water rescues. Information and practice to develop functional water rescues and accident prevention required by lifeguard crews. Upon successful completion of this course, students receive the following American Red Cross Certificates: Lifeguard Training, Standard First Aid, and CPR for the Professional Rescuer.
- Materials Fee: $3.00  
  Transfer: CSU; UC
- Grading: Letter grade only
- 81562 M. Dickson  8:00am-9:20am  TTH  G-135
  SECT 81562: An optional fee is charged to students who wish to take the water safety certification exam(s) for certification.

#### KINLEC-15  Diet and Fitness  3.00 UNITS
A lifestyle approach to fitness, including the study of nutrition, disease prevention, increased cardiovascular endurance, increased strength, flexibility, stress management, and considerations of aging on the body.
- Materials Fee: $3.00  
  Transfer: CSU
- Grading: Letter grade only
- 81495 R. Baiz  8:00am-9:20am  MW  MOD-3
- 81497 R. Baiz  8:00am-9:20am  TTH  MOD-3
- 81568 J. Stewart  9:30am-10:50am  MW  G-133
- 81566 H. Spohn  9:30am-10:50am  TTH  G-134
- 81512 J. Harlow  11:00am-12:20pm  MW  G-135
- 81496 R. Baiz  11:00am-12:20pm  TTH  MOD-3
- 82485 J. Stewart  12:30pm-1:50pm  MW  G-133
- 81570 R. Slusser  5:30pm-6:50pm  MW  G-134
- 81564 K. Harris  7:00pm-10:30pm  TTH  G-135
  10/20/14-12/10/14  Last day to add: 10/27/14
  SECT 81564: Fast-Track class; see pages 168-174 for more info.
- 81569 D. Portz  7:00pm-9:50pm  W  G-133
  (more sections are online, and at Chino and Fontana)
## KINLEC-16 First Aid  
3.00 UNITS
Theory and detailed demonstration of first aid care of the injured. Students learn to assess a victim’s condition and incorporate proper treatment. Standard first aid, CPR, and AED certification(s) are granted upon completion of requirements.
Materials Fee: $3.00  
Transfer: CSU; UC  
Grading: Letter grade only

81504 R.Hadaway  8:00am-9:20am  MW  G-133  
SECT 81504: An optional fee is charged to students who wish to take the Red Cross certification exam(s).
81511 J.Harlow  9:30am-10:50am MW G-135  
SECT 81511: An optional fee is charged to students who wish to take the Red Cross certification exam(s).
81514 J.Harlow  9:30am-10:50am TTH G-135  
SECT 81514: An optional fee is charged to students who wish to take the Red Cross certification exam(s).
82482 C.Walters  7:00pm-10:30pm MW G-135  
08/18/14-10/08/14 Last day to add: 08/25/14  
SECT 82482: Fast-Track class; see pages 168-174 for more info. An optional fee is charged to students who wish to take the Red Cross certification exam(s).

(more sections are at Chino and Fontana)

## KINLEC-17 First Aid and Emergency Response to Community Disasters  
3.00 UNITS
Advisory: Students should be able to work in confined spaces and in different positions (e.g. on the ground or the floor). Prepares the participant to make appropriate decisions in an emergency to sustain life, reduce pain, and minimize the consequence of sudden injury or illness until advanced medical help arrives.
Materials Fee: $3.00  
Transfer: CSU; UC  
Grading: Letter grade only

81573 C.Walters  11:00am-12:20pm  TTH G-135  
SECT 81573: An optional fee is charged to students who wish to take the Red Cross certification exam(s).

## KINLEC-18 Introduction to Kinesiology  
3.00 UNITS
Introduction to an interdisciplinary approach to the study of human movement. An overview of the importance of the sub-disciplines in kinesiology is discussed, along with career opportunities in the areas of teaching, coaching, allied health, and fitness professions.
Materials Fee: $3.00  
Transfer: CSU; UC  
Grading: Letter grade only

81583 P.Cutrona  9:00am-11:50am  F  G-134  
81575 A.Allen  12:30pm-1:50pm MW G-134  
81576 B.Spalding  7:00pm-9:50pm  M  G-133

(more sections are online and at Fontana)

## KINLEC-19 Practical Applications in Athletic Training I  
2.00 UNITS
Prerequisite: KINLEC-2 or PELEC-2. Course provides first semester students with the opportunity to observe and learn the basic principles and protocols of athletic training during day-to-day sports activities in a supervised lab setting. Emphasis on prevention, care, evaluation, treatment and rehabilitation for the lower extremities. Helps prepare students for transfer to a Commission on Accreditation of Athletic Training Education (CAATE) accredited athletic training program.
Materials Fee: $0.00  
Transfer: CSU  
Grading: Letter grade only

81732 E. Levanway  9:00am-10:00am  F  G-135  
08/18/14-12/19/14 Last day to add: 08/25/14  
SECT 81732: Classroom meetings every other Friday: 08/22, 09/05, 09/19, 10/03, 10/17, 10/31, 11/04, and 12/05.

## KINLEC-20 Biomechanics  
3.00 UNITS
Anatomical and mechanical study of motion as it pertains to exercise and sport, including muscles, joints, bones, nerves, and muscle analysis of movement patterns.
Materials Fee: $3.00  
Transfer: CSU; UC  
Grading: Letter grade only

81582 D.Bednarczyk  8:00am-9:20am MW G-135

## KINLEC-21 Practical Applications in Athletic Training II  
2.00 UNITS
Prerequisite: KINLEC-19 or PELEC-19. Course provides second semester students with the opportunity to observe and learn the basic principles and protocols of athletic training during day-to-day sports activities in a supervised lab setting. Emphasis on prevention, care, evaluation, treatment, and rehabilitation for the upper extremities. Helps prepare students for transfer to a Commission on Accreditation of Athletic Training Education (CAATE) accredited athletic training program.
Materials Fee: $0.00  
Transfer: CSU  
Grading: Letter grade only

81736 E. Levanway  9:00am-10:00am  F  G-135  
08/18/14-12/19/14 Last day to add: 08/25/14  
SECT 81736: Classroom meetings every other Friday: 08/22, 09/05, 09/19, 10/03, 10/17, 10/31, 11/04, and 12/05.

## KINLEC-22 Practical Applications in Athletic Training III  
2.50 UNITS
Prerequisite: KINLEC-21 or PELEC-21. Course provides third semester student with the opportunity to observe and learn the advanced principles and protocols of athletic training during day-to-day sports activities in a supervised lab setting. Emphasis on prevention, care, evaluation, treatment, and rehabilitation for the upper and lower extremities. Helps prepare students for transfer to a Commission on Accreditation of Athletic Training Education (CAATE) accredited athletic training program.
Materials Fee: $0.00  
Transfer: CSU  
Grading: Letter grade only

81737 E. Levanway  9:00am-10:00am  F  G-135  
08/18/14-12/19/14 Last day to add: 08/25/14  
SECT 81737: Classroom meetings every other Friday: 08/22, 09/05, 09/19, 10/03, 10/17, 10/31, 11/04, and 12/05.

## KINLEC-24 Biomechanics  
3.00 UNITS
Advisory: Completion of BIOL-20. Techniques of environmentally-sensitive backpacking, including selecting equipment, group planning, conditioning, safety, first aid, and survival information. Field trips are required; there is a nominal fee for the trips.
Materials Fee: $2.00  
Transfer: CSU; UC

82483 P.Roberts  9:30am-10:30am T MOD-3
Arranged hours field trip  
SECT 82483: The three-day field trip to the Sierra - scheduled for 12/05-12/07 - or weekend field trips to local mountains are a required part of this class. There are fees for the field trip(s).
### Kinesiology: Team (KINTM)

<table>
<thead>
<tr>
<th>SECTION #</th>
<th>INSTRUCTOR</th>
<th>HOURS</th>
<th>DAYS</th>
<th>ROOM</th>
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<tr>
<td>81584</td>
<td>M. Dickson</td>
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<tr>
<td>81585</td>
<td>S. Feldman</td>
<td>6:00am-7:20am</td>
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<tr>
<td>81586</td>
<td>J. Chen</td>
<td>175 hours/term arranged</td>
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<td>SPRT-GYM</td>
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**Materials Fee:** $0.00  
**Transfer:** CSU

**Grading:** Letter grade only

**Limitation on Enrollment:** Enrollment is restricted to student athletes who meet both skill and eligibility requirements.

### Fall 2014/Spring 2015 Schedule of Classes

<table>
<thead>
<tr>
<th>Last day to add:</th>
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<tbody>
<tr>
<td>Last day to add:</td>
<td>11/09/14</td>
</tr>
<tr>
<td>Last day to add:</td>
<td>11/13/14</td>
</tr>
<tr>
<td>Last day to add:</td>
<td>09/15/14</td>
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### KINTM-3 Basketball Team Activity, Women 1.00 UNITS

Focus on history, conditioning, rules, and fundamental and advanced skills needed for competitive women's basketball. Instructor consent required for enrollment. May be taken 4 times.

**Materials Fee:** $0.00  
**Transfer:** CSU; UC credit limitations

**Grading:** Letter grade only

### KINTM-4 Softball Team Activity, Women 1.00 UNITS

Development of basic skills and knowledge needed for competitive women's softball play. Instructor consent required for enrollment. May be taken 4 times.

**Materials Fee:** $0.00  
**Transfer:** CSU; UC credit limitations

**Grading:** Letter grade only

### KINTM-5 Swimming Team Activity, Men and Women 1.00 UNITS

Open-entry/exit activity course teaching the rules and fundamental skills involved in competitive swimming strokes. Designed for students interested in competitive swimming. Instructor consent required for enrollment. May be taken 4 times.

**Materials Fee:** $0.00  
**Transfer:** CSU; UC credit limitations

**Grading:** Letter grade only

### KINTM-6 Track and Field Team Activity, Men 1.00 UNITS

Specific experience in track and field, with emphasis on fundamental theory and basic skills. Designed for men interested in competitive track and field events at the college level. Instructor consent required for enrollment. May be taken 4 times.

**Materials Fee:** $0.00  
**Transfer:** CSU; UC credit limitations

**Grading:** Letter grade only

### KINTM-11 Track and Field Team Activity, Women 1.00 UNITS

Specific experience in track and field, with emphasis on fundamental theory and advanced skills. Designed for women interested in competitive track and field events at the college level. Instructor consent required for enrollment. May be taken 4 times.

**Materials Fee:** $0.00  
**Transfer:** CSU; UC credit limitations

**Grading:** Letter grade only

### KINTM-13 Track and Field Team Activity, Women 1.00 UNITS

**Limitation on Enrollment:** Enrollment is based on a successful tryout. Specific experience in track and field, with emphasis on fundamental theory and advanced skills. Designed for women interested in competitive track and field events at the college level. Instructor consent required for enrollment. May be taken 4 times.

**Materials Fee:** $0.00  
**Transfer:** CSU; UC credit limitations

**Grading:** Letter grade only

### KINTM-18 Beginning Dance/Cheer Team 1.00 UNITS

**Limitation on Enrollment:** Admission is by audition.  
**Advisory:** Previous dance training is recommended.

Beginning skills in cheer techniques, conditioning, jumping, and dance. Course is for students who will represent the college at athletic contests, national dance competitions, and community events. Instructor consent required for enrollment.

**Materials Fee:** $0.00  
**Transfer:** CSU; UC credit limitations

**Grading:** Letter grade only

### KINTM-27 Baseball Team Class, Men 2.00 UNITS

**Limitation on Enrollment:** Enrollment is based on a successful tryout.

Course is designed for men interested in playing intercollegiate baseball. Instructor consent required for enrollment. May be taken 4 times.

**Materials Fee:** $0.00  
**Transfer:** CSU; UC credit limitations

**Grading:** Letter grade only

### KINTM-41 Intercollegiate Football 3.00 UNITS

**Limitation on Enrollment:** Enrollment is restricted to student athletes who meet both skill and eligibility requirements.

Opportunity for women to compete at the intercollegiate level in volleyball. Instructor consent required for enrollment. May be taken 4 times.

**Materials Fee:** $0.00  
**Transfer:** CSU

**Grading:** Letter grade only

### KINTM-42 Intercollegiate Volleyball Team, Women 3.00 UNITS

**Limitation on Enrollment:** Enrollment is restricted to student athletes who meet both skill and eligibility requirements.

Opportunity for women to compete at the intercollegiate level in volleyball. Instructor consent required for enrollment. May be taken 4 times.

**Materials Fee:** $0.00  
**Transfer:** CSU

**Grading:** Letter grade only

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**Fee Refunds**

Refunds of $20 or more are automatically processed.  
Refunds of less than $20 must be requested prior to the end of the semester.  
See page 14 for more information on the refund policy and processes.
### Row 1:

<table>
<thead>
<tr>
<th>SECTION #</th>
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<td>SECTION 81596: See instructor during first week of term for meeting times; first class meeting is in the Soccer field.</td>
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<td>KINTM-54</td>
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<td>1:00pm-1:50pm</td>
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<td>2:00pm-2:50pm</td>
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<td>08/18/14-11/22/14</td>
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<tr>
<td>KINTM-59</td>
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<td>08/18/14-11/22/14</td>
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### Row 8:

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<tbody>
<tr>
<td>KINTM-61A</td>
<td>P.Roberts</td>
<td>81525</td>
<td>8:30am-9:20am</td>
<td>TTH</td>
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<tr>
<td>KINTM-62A</td>
<td>P.Roberts</td>
<td>81526</td>
<td>11:00am-12:00pm</td>
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<td>08/18/14-12/10/14</td>
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<td>SECTION 81526: This section is for female basketball athletes.</td>
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</table>

### Additional Information:

Limitation on Enrollment: Concurrent or previous enrollment in any Basketball KINTM course. Athletes are prescribed by the instructor and are tailored to the physical demands of the sport and individuals' capabilities. May be taken four times. Instructor consent required for enrollment. Transfer: CSU.
KINTM-65A  Water Polo Strength and Conditioning for  0.50 UNITS Athletes

Limitation on Enrollment: Concurrent or previous enrollment in any Water Polo KINTM course.
Advanced sport-specific drills and exercises for water polo athletes. Exercises are prescribed by the instructor and are tailored to the physical demands of the sport and individuals’ capabilities. May be taken four times. Instructor consent required for enrollment.
Materials Fee: $0.00  Transfer: CSU
Grading: Letter grade only

81517 P.Roberts  6:30am-7:20am  MTTH  G-111
08/18/14-10/30/14 Last day to add: 08/31/14
SECT 81517: This section is for female water polo athletes.

81518 P.Roberts  7:30am-8:20am  MTTH  G-111
08/18/14-10/27/14 Last day to add: 08/27/14
SECT 81518: This section is for male water polo athletes.

KINTM-66A  Baseball Strength and Conditioning for  0.50 UNITS Athletes

Limitation on Enrollment: Concurrent or previous enrollment in any Baseball KINTM course.
Advanced sport-specific drills and exercises for baseball athletes. Exercises are prescribed by the instructor and are tailored to the physical demands of the sport and individuals’ capabilities. May be taken four times. Instructor consent required for enrollment.
Materials Fee: $0.00  Transfer: CSU
Grading: Letter grade only

81519 P.Roberts  12:00pm-12:50pm  MW    G-111
08/18/14-12/10/14 Last day to add: 09/07/14

81520 P.Roberts  1:00pm-1:50pm  TTH   G-111
09/19/14-12/9/14 Last day to add: 09/08/14

KINTM-67A  Swimming Strength and Conditioning for  0.50 UNITS Athletes

Limitation on Enrollment: Concurrent or previous enrollment in any Swimming KINTM course.
Advanced sport-specific drills and exercises for swimming athletes. Exercises are prescribed by the instructor and are tailored to the physical demands of the sport and individuals’ capabilities. May be taken four times. Instructor consent required for enrollment.
Materials Fee: $0.00  Transfer: CSU
Grading: Letter grade only

82484 P.Roberts  7:30am-8:20am  MTTH  G-111
08/18/14-10/27/14 Last day to add: 08/25/14
SECT 82484: This section is for male swimming athletes.

KINTM-68  Track/Field Strength and Conditioning  1.00 UNITS For Athletes

Limitation on Enrollment: Concurrent or previous enrollment in any Track/Field KINTM course.
Advanced sport-specific drills and exercises for track/field athletes. Exercises are prescribed by the instructor and are tailored to the physical demands of the sport and individuals’ capabilities. May be taken four times. Instructor consent required for enrollment.
Materials Fee: $0.00  Transfer: CSU
Grading: Letter grade only

Management (MGMT)

(See Business: Management)

Mathematics (MATH)

(Also see Statistics)  909/652-6403

MATH-4  Mathematical Concepts for Elementary  4.00 UNITS School Teachers
Prerequisite: Eligibility for MATH-25 as determined by the Chaffey assessment process, or completion of MATH-425.
Mathematical concepts targeted to students preparing to teach elementary school math. Topics include real number systems and sub-systems, patterns and sequences, basic set theory, logic, and mathematical induction.
Materials Fee: $4.00  Transfer: CSU; UC
Grading: Letter grade only

81901 D.Valdez  10:00am-11:50am  TTH   PS-123

MATH-25  College Algebra  4.00 UNITS
Prerequisite: Eligibility for MATH-25 as determined by the Chaffey assessment process, or completion of MATH-425.
Topics include solutions to higher degree polynomial equations: functions, polynomial, rational, inverse, etc...
Materials Fee: $4.00  Transfer: CSU; UC credit limitations
Grading: Letter grade only

81911 E.Erkebaev  7:30am-9:45am  MTWTH  PS-104
08/18/14-10/08/14 Last day to add: 08/25/14
SECT 81911: Fast-Track class; see pages 168-174 for more info.

81913 E.Erkebaev  7:30am-9:45am  MTWTH  PS-104
10/20/14-12/11/14 Last day to add: 10/27/14
SECT 81913: Fast-Track class; see pages 168-174 for more info.

81917 S.Lee  7:30am-9:20am  MW    VSS-109

81916 R.Kopp  7:30am-9:20am  TTH   MATH-113

81915 A.Lam  9:00am-12:50pm  S    MATH-112

81909 A.Leannt  10:00am-12:15pm  MTWTH  PS-104
10/20/14-12/11/14 Last day to add: 10/27/14
SECT 81909: Fast-Track class linked with MATH-425, section 82008. See pages 168-174 for more info.

81919 T.Ta  10:00am-11:50am  MW    MATH-114

81928 D.Yegge  10:00am-11:50am  MW    PS-123

81918 J.Brouwer  10:00am-11:50am  TTH   MATH-113

81921 M.Tavakoli  12:00pm-1:50pm  MW    MATH-114

81908 E.Erkebaev  12:00pm-1:50pm  T    HS-108

SECT 81910: Fast-Track class linked with MATH-425, section 82009. See pages 168-174 for more info.

81925 R.Piamonte  5:00pm-6:50pm  MW    MATH-113

81924 E.Kim  5:00pm-6:50pm  TTH   HS-127

81929 C.Sardan  5:00pm-6:50pm  TTH   PS-123

81912 W.Yazigi  7:00pm-9:15pm  MTWTH  MATH-112
08/18/14-10/08/14 Last day to add: 08/25/14
SECT 81912: Fast-Track class; see pages 168-174 for more info.

81914 M.Matin  7:00pm-9:15pm  MTWTH  MATH-112
10/20/14-12/11/14 Last day to add: 10/27/14
SECT 81914: Fast-Track class; see pages 168-174 for more info.

81927 S.Pearsall  7:00pm-8:50pm  MW    MATH-114

81926 E.Kim  7:00pm-8:50pm  TTH   MATH-114

(more sections are at Chino and Fontana)
### MATH-31 Plane Trigonometry
*Prerequisite: MATH-25.*
Advisory: Completion of 1 year high school geometry.
Topics include trigonometric functions, radian measure, graphs, inverse trigonometric functions, vectors, and more. Students may be required to obtain a graphing utility for the course.
Materials Fee: $4.00  
Transfer: CSU
Grading: Letter grade only

<table>
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<tr>
<th>SECTION #</th>
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<tr>
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<td>MW</td>
<td>PS-123</td>
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<td>81932</td>
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<tr>
<td>81935</td>
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</table>

(more sections are at Chino and Fontana)

### MATH-60 Calculus for Business
*Prerequisite: Eligibility for MATH-31 as determined by the Chaffey assessment process, or completion of MATH-25.*
Techniques of calculus as applied to problem solving in business and economics, including limits, continuity, differentiation and integration in one and several dimensions, optimization, and transcendental functions.
Materials Fee: $4.00  
Transfer: CSU; UC
Grading: Letter grade only

<table>
<thead>
<tr>
<th>SECTION #</th>
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### MATH-61 Pre-Calculus
*Prerequisite: Eligibility for MATH-61 as determined by the Chaffey assessment process, or completion of MATH-25 and 31.*
Further studies in algebra and trigonometry for students intending to take calculus. NOTE: A graphing calculator is required; students should see instructor for specifics, since CAS-based calculators may be prohibited.
Materials Fee: $4.00  
Transfer: CSU; UC credit limitations
Grading: Letter grade only

<table>
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<td>SECT 81937: Fast-Track class linked with MATH-31, section 81932. See pages 168-174 for more info.</td>
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### MATH-65A Calculus I
*Prerequisite: MATH-61.*
Functions; limits and continuity; differentiation of algebraic, trigonometric, logarithmic, and exponential functions with applications; introduction to integration and the definite integral with applications. Students may be required to obtain a graphing utility for the course.
Materials Fee: $4.00  
Transfer: CSU; UC
Grading: Letter grade only

<table>
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<tr>
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### MATH-65B Calculus II
*Prerequisite: MATH-65A.*
Applications of the definite integral including area, volume, arc length, surfaces of revolution, and more. Students may be required to obtain a graphing utility for the course.
Materials Fee: $4.00  
Transfer: CSU; UC
Grading: Letter grade only

<table>
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Additional sections of some classes may be available; check the Chino, Fontana, Ontario High School, and Hybrid/Online sections.
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**MATH-410 Elementary Algebra** | 4.00 UNITS

Prerequisite: Eligibility for MATH-410 as determined by the Chaffey assessment process, or completion of MATH-520.

Topics include algebraic operations of addition, subtraction, multiplication, and division; factoring; rational expressions; and linear and rational equations.

Materials Fee: $4.00

Grading: Letter grade only

<table>
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<th>HOURS</th>
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<td>81973</td>
<td>L.Nemeth</td>
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**STUDENT SUCCESS CENTERS**

Chaffey’s Student Success Centers provide free workshops, study groups, library and Internet research opportunities, focused learning activities, and tutoring to assist students in their academic development and success.

Multidisciplinary Centers are located at all Chaffey sites and are designed to serve students in all discipline areas. The Rancho Cucamonga campus also houses three discipline specific centers designed to help students with particular subject area courses and skills.

Locations, phone numbers, and hours are:

- **Language Success Center, BEB-101**
  - English: Reading and Writing: 909/652-6820
  - ESL & Modern Languages: 909/652-6907

- **Math Success Center, MATH-121**
  - Garret Kenehan, Instructional Specialist
  - Monday-Thursday: 8am-8pm
  - Friday: 10am-4pm
  - Sunday: 10am-3pm

- **Multidisciplinary Success Center, Library**
  - Monday-Thursday: 8am-8pm
  - Friday: 10am-4pm
  - Sunday: 10am-3pm
MATH-425  Intermediate Algebra  4.00 UNITS
Prerequisite: Eligibility for MATH-425 as determined by the Chaffey assessment process, or completion of MATH-410.
Review and extension of the concepts from Elementary Algebra. Topics include polynomial, radical, absolute value, exponential and logarithmic expressions, equations, and functions; linear and non-linear systems of equations and inequalities; quadratic equations; graphing of nonlinear functions; complex numbers; nonlinear single-variable inequalities; conic sections; sequences; series; and the Binomial Theorem.
Materials Fee: $4.00
Grading: Letter grade only

82012 J.August  7:30am-9:45am  MTWTH  MATH-112
10/20-12/11/14  Last day to add: 10/27/14
SECT 82012: Fast-Track class linked with MATH-410, section 81963. See pages 168-174 for more info.

82019 R.Elsdon  7:30am-9:20am  MW  HS-108
82031 A.Roebuck  7:30am-9:20am  MW  VSS-108
82018 J.Jacob  7:30am-9:20am  TTH  HS-108
82030 C.Lee  7:30am-9:20am  TTH  VSS-108
82015 S.Kassman  9:00am-12:50pm  S  PS-104
82008 A.Leontas  10:00am-12:15pm  MTWTH  PS-104
08/14/10-08/14  Last day to add: 08/25/14
SECT 82008: Fast-Track class linked with MATH-25, section 81909. See pages 168-174 for more info.

82017 J.Brouwer  10:00am-11:50am  MW  LA-108
82021 R.Elsdon  10:00am-11:50am  MW  HS-108
82033 M.Wardak  10:00am-11:50am  MW  VSS-108
82020 E.Erkebaev  10:00am-11:50am  TTH  HS-108
82032 D.Yegge  10:00am-11:50am  TTH  VSS-108
82023 R.Kopp  12:00pm-1:50pm  MW  HS-108
82035 M.Guitierrez  12:00pm-1:50pm  MW  VSS-108
82042 M.Thomason  12:00pm-1:50pm  MW  PS-102
82022 R.Kopp  12:00pm-1:50pm  TTH  VSS-201
82006 E.Erkebaev  12:00pm-1:50pm  TH  HS-108
and  INET
08/14/12-19/19  Last day to add: 08/25/14
SECT 82006: Hybrid class; see page 152 for more info.

82034 D.Yegge  12:00pm-1:50pm  TTH  VSS-108
82013 A.Leontas  12:30pm-2:45pm  MTWTH  PS-104
10/20/14-12/11/14  Last day to add: 10/27/14
SECT 82013: Fast-Track class linked with MATH-410, section 81964. See pages 168-174 for more info.

82025 R.Elsdon  2:00pm-3:50pm  MW  HS-108
82037 M.Guitierrez  2:00pm-3:50pm  MW  VSS-108
82024 E.Erkebaev  2:00pm-3:50pm  TTH  HS-108
82036 M.Khou  2:00pm-3:50pm  TTH  VSS-108
82043 C.Sardan  2:00pm-3:50pm  TTH  PS-102
82046 R.Campbell  2:00pm-3:50pm  TTH  VSS-109
82009 F.Bernudez  4:30pm-6:45pm  MTWTH  MATH-112
08/18/14-10/08/14  Last day to add: 08/25/14
SECT 82009: Fast-Track class linked with MATH-25, section 81910. See pages 168-174 for more info.

82011 W.Yazigi  4:30pm-6:45pm  MTWTH  PS-104
08/18/14-10/08/14  Last day to add: 08/25/14
SECT 82011: Fast-Track class, see pages 168-174 for more info.

82014 M.Matin  4:30pm-6:45pm  MTWTH  PS-104
10/20/14-12/11/14  Last day to add: 10/27/14
SECT 82014: Fast-Track class; see pages 168-174 for more info.

82027 M.Cole  5:00pm-6:50pm  MW  HS-108
82039 A.Roebuck  5:00pm-6:50pm  MW  VSS-108
82026 M.Khou  5:00pm-6:50pm  TTH  HS-108
82038 R.Barraza  5:00pm-6:50pm  TTH  VSS-108
82016 G.Antashyan  6:00pm-10:00pm  F  MATH-112
82010 J.Roche  7:00pm-9:15pm  MTWTH  PS-104
08/18/14-10/08/14  Last day to add: 08/25/14
SECT 82010: Fast-Track class linked with STAT-10, section 82087. See pages 168-174 for more info.

MATH-510  Arithmetic  4.00 UNITS
Prerequisite: Eligibility for MATH-510 as determined by the Chaffey assessment process.
Complete study of arithmetic, including whole numbers, fractions, decimals, ratios, proportions, measurement, percents, and signed numbers. Four hours of supplemental learning in a Success Center that supports this course is required.
Materials Fee: $4.00  Not degree applicable
Grading: Letter grade only

82051 T.Jenkins  7:30am-9:15am  MW  VSS-204
82053 M.Rahman  7:30am-9:15am  MV  VSS-204
82052 M.Clayton  7:30am-9:15am  TTH  VSS-204
82055 STAFF  10:00am-11:45am  MW  VSS-204
82054 W.Chang  10:00am-11:45am  TTH  VSS-204
82057 H.Ong  12:00pm-1:45pm  MW  VSS-204
82056 F.Karim  12:00pm-1:45pm  TTH  VSS-204
82059 T.Arner  2:00pm-3:45pm  MW  VSS-204
82058 STAFF  2:00pm-3:45pm  TTH  VSS-204
82060 T.Nguyen  4:00pm-5:45pm  MW  VSS-204
82061 T.Jenkins  4:30pm-6:15pm  MW  VSS-204
82062 M.Haider  7:00pm-8:45pm  MW  VSS-204
82063 M.Haider  8:45pm-10:30pm  MW  VSS-204

ATTENTION MATH-510 AND MATH-520 STUDENTS
There is a $82 fee for the MyMathLab software used in these courses.

MyChaffeyVIEW
(HOURS OF OPERATION)
The MyChaffeyVIEW Online services system is typically available 24 hours a day, Monday-Saturday, except where noted.
MyChaffeyVIEW is usually not available on Sundays due to system maintenance.

Additional sections of some classes may be available; check the Chino, Fontana, Ontario High School, and Hybrid/Online sections.
<table>
<thead>
<tr>
<th>SECTION #</th>
<th>INSTRUCTOR</th>
<th>HOURS</th>
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<td>82076</td>
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**MATH-520 Pre-Algebra 4.00 UNITS**
Prerequisite: Eligibility for MATH-520 as determined by the Chaffey assessment process, or completion of MATH-510.
Rational number arithmetic, order of operations, variable expressions, linear equations, polynomial operations, and factoring.
Materials Fee: $4.00
Grading: Letter grade only

**MATH-610 Preparation for the Study of Algebra 0.00 UNITS**
Review for Algebra. Topics include basic mathematics including addition, subtraction, multiplication, division, rounding, order of operations, etc.
Non Credit Course
Grading: Pass/No Pass

**MATH-625 Preparation for the Study of College Algebra 0.00 UNITS**
Review for College Algebra. Topics include linear equations and inequalities, factoring, quadratic equations and inequalities, graphing of functions, complex numbers, and logarithmic and exponential expressions and equations.
Non Credit Course
Grading: Pass/No Pass

**ATTENTION MATH-610 AND MATH-625 STUDENTS**
There is an online software fee ($30-$40) for this course.

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**Music (MUSIC) 909/652-6066**

**MUSIC-2A Music History and Literature 3.00 UNITS**
Chronological survey of music in Western culture, encompassing the Medieval through Baroque periods. Origins of Western music up through the era of Johann Sebastian Bach and George Frideric Handel.
Materials Fee: $3.00
Transfer: CSU; UC
Grading: Letter grade only

**MUSIC-4 Music Appreciation 3.00 UNITS**
A survey of art music in Western civilization. Topics studied include elements of music, basic musical forms, music periods, styles, and the role of music and musicians in the Western world.
Materials Fee: $3.00
Transfer: CSU; UC
Grading: Letter grade only

**MUSIC-5 Music Theory and Musicianship I 4.00 UNITS**
Advisory: Concurrent enrollment in MUSIC-35.
Guided composition and analysis incorporating the concepts of rhythm and meter; sound properties; intervals; diatonic scales, triads and chords; cadential formulas and phrase structure; dominant seventh; figured bass symbols; and non-harmonic tones. Application of rhythmic, melodic, and harmonic materials through ear training, sight singing, analysis, and dictation.
Materials Fee: $4.00
Transfer: CSU; UC
Grading: Letter grade only

**MUSIC-6 Music Theory and Musicianship II 4.00 UNITS**
Prerequisite: MUSIC-5.
Advisory: Concurrent enrollment in MUSIC-36.
Introduction to two-part counterpoint; voice leading involving four-part chorale writing; diatonic harmony; and an introduction to secondary/applied chords and modulation. Application and development of the rhythmic, melodic, and harmonic materials through ear training, sight singing, analysis, and dictation.
Materials Fee: $4.00
Transfer: CSU; UC
Grading: Letter grade only

**MUSIC-7 Music Theory and Musicianship III 4.00 UNITS**
Prerequisite: MUSIC-6.
Advisory: Concurrent enrollment in MUSIC-37.
Introduction to chromatic harmony; secondary/applied chords; modulation; borrowed chords; and an introduction to Neapolitan and augmented-sixth chords. Application and development of the rhythmic, melodic, and harmonic materials through ear training, sight singing, analysis, and dictation.
Materials Fee: $0.00
Transfer credit: CSU
Grading: Letter grade only
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<td>K.Dunton</td>
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<td>79802</td>
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<td>2:00pm-3:50pm</td>
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<td>79802</td>
<td>P.Aranda</td>
<td>2:00pm-2:50pm</td>
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**MUSIC-10**  
**Songwriting and Commercial Harmony**  
3.00 UNITS  
Prerequisite: MUSIC-6.  
Application of commercial music theory and technology to the songwriter.  
Diatonic and non-diatonic harmony with direct application to commercial song forms.  
Materials Fee: $0.00  
Grading: Letter grade only  
Transfer credit: CSU  

**MUSIC-11**  
**Record Production**  
1.50 UNITS  
Theory and application of contemporary recording concepts and techniques utilizing modern technology in the recording studio.  
Materials Fee: $1.50  
Grading: Letter grade only  
Transfer: CSU  

**MUSIC-12**  
**Electronic Music**  
3.00 UNITS  
Advisory: Some keyboard skills and/or experience with electronic components.  
Electronic sound production. Topics include: sound types, sound manipulation, sequencing, Musical Instrument Digital Interface (MIDI), and editing.  
Materials Fee: $3.00  
Grading: Letter grade only  
Transfer: CSU  

**MUSIC-15**  
**Introduction to the Music Business**  
3.00 UNITS  
Survey of the music industry. Contracts, relationships, and interaction of song-writing, publishing, copyright law, recording, broadcasting, managing, booking, licensing, and merchandising.  
Materials Fee: $0.00  
Grading: Letter grade only  
Transfer: CSU  

**MUSIC-26**  
**World Music**  
3.00 UNITS  
Music and music cultures around the world, focusing on their role(s) in those cultures. Extensive listening and musical vocabulary development. Some performance expected.  
Materials Fee: $3.00  
Grading: Letter grade only  
Transfer: CSU; UC  

**MUSIC-33**  
**Concert Ensemble Singers**  
1.50 UNITS  
Limitation on Enrollment: Audition is required first week of class, to determine student’s basic music reading ability, tonal memory, independence in carrying an assigned part, ability to sing a chromatic scale accurately for one octave, and ability to blend with other voices.  
Prerequisite: MUSIC-34.  
Advisory: Experience with choral and sight-reading.  
Chamber ensemble for the advanced choral musician. Classical music emphasis.  
Attendance at all public performances is required. May be taken four times.  
Materials Fee: $0.00  
Grading: Letter grade only  
Transfer: CSU; UC  

**MUSIC-34**  
**Concert Choir**  
1.50 UNITS  
Limitation on Enrollment: Audition is required at the first class meeting to determine student’s ability to match pitches, sing in tune, perform simple rhythms, and carry an assigned part independently.  
Advisory: Previous choral experience is desirable.  
Study and performance of a wide variety of standard and contemporary literature for mixed choirs, both a cappella and accompanied. Attendance at public performances is required.  
Materials Fee: $0.00  
Grading: Letter grade only  
Transfer: CSU; UC  

**MUSIC-35**  
**Piano for Music Majors I**  
1.00 UNITS  
Introduction to notation, rhythm, fingering, and the major scales, through the playing of beginning exercises and pieces.  
Materials Fee: $1.00  
Grading: Letter grade only  
Transfer: CSU; UC  

**MUSIC-36**  
**Piano for Music Majors II**  
1.00 UNITS  
Advisory: Completion of MUSIC-35.  
Continued introduction to notation, rhythm, fingering, major and minor scales, primary chords, and key transposition through the playing of beginning exercises and pieces.  
Materials Fee: $1.00  
Grading: Letter grade only  
Transfer: CSU; UC  

**MUSIC-37**  
**Intermediate Piano**  
1.00 UNITS  
Advisory: Completion of MUSIC-35.  
Extensive sight reading, performance of all major and minor scales, chords, and arpeggios. Some analysis and melodic harmonization.  
Materials Fee: $1.00  
Grading: Letter grade only  
Transfer: CSU; UC  

**MUSIC-40**  
**Beginning Guitar**  
1.00 UNITS  
Basic fundamentals of technique for most styles of guitar playing, including right hand technique, chording, melodic playing, and basic music reading. Student must provide own guitar for use in class.  
Materials Fee: $1.00  
Grading: Letter grade only  
Transfer: CSU; UC  

**MUSIC-58**  
**Applied Music**  
0.50 UNITS  
Limitation on Enrollment: Audition is required.  
Corequisite: MUSIC-33, 34, 60, or 62.  
Individualized study of the appropriate techniques and repertoire for the specific instrument or voice being studied. Emphasis is on the progressive development of skills needed for solo performance. Achievement is evaluated through a juried performance. May be taken four times.  
Materials Fee: $0.00  
Grading: Letter grade only  
Transfer: CSU  

Additional sections of some classes may be available; check the Chino, Fontana, Ontario High School, and Hybrid/Online sections.
**MUSIC-60**  
**Jazz Band**  
1.50 UNITS  
**Limitation on Enrollment:** Intermediate to advanced proficiency on one's musical instrument, together with the ability to read music is required. **Audition on the first day of class on the following instruments:** trumpet, trombone, saxophone, bass and bass guitar, keyboards, drums, guitar, and auxiliary percussion.  
Instrumental studio/performing group. Emphasis on reading, improvisation, and stylistic concepts as they apply to the intermediate or advanced player. Attendance at public performances is required.  
**Materials Fee:** $0.00  
**Transfer:** CSU; UC  
**Grading:** Letter grade only  

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<tr>
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<td>7:00pm-9:50pm</td>
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<td>CAE-102</td>
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**SECT 79795:** Instructor consent on first day required for registration.

**MUSIC-62**  
**Community Concert Band**  
1.50 UNITS  
**Limitation on Enrollment:** Audition on the first day of class on any one of the standard band instruments. Basic beginning proficiency required.  
Instrumental music group specializing in training and experience in a wide sampling of band repertoire, through rehearsals and performance. Attendance at on-campus end of semester concert in the theater is required. Students must provide their own instruments, although some larger instruments may be available through the Music Department. May be taken four times.  
**Materials Fee:** $0.00  
**Transfer:** CSU; UC  
**Grading:** Letter grade only  

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<td>7:00pm-9:50pm</td>
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**SECT 79796:** Instructor consent on first day required for registration.

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**NURSING ASSISTANT INFORMATION MEETINGS**  
Visit Chaffey’s NA web page at www.chaffey.edu/nursing or call 909/652-6675 for dates, times and more information regarding these mandatory information meetings.

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**MUSIC-60**  
**Jazz Band**  
1.50 UNITS  
**Limitation on Enrollment:** Intermediate to advanced proficiency on one’s musical instrument, together with the ability to read music is required. **Audition on the first day of class on the following instruments:** trumpet, trombone, saxophone, bass and bass guitar, keyboards, drums, guitar, and auxiliary percussion.  
Instrumental studio/performing group. Emphasis on reading, improvisation, and stylistic concepts as they apply to the intermediate or advanced player. Attendance at public performances is required.  
**Materials Fee:** $0.00  
**Transfer:** CSU; UC  
**Grading:** Letter grade only  

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**SECT 79795:** Instructor consent on first day required for registration.

**MUSIC-62**  
**Community Concert Band**  
1.50 UNITS  
**Limitation on Enrollment:** Audition on the first day of class on any one of the standard band instruments. Basic beginning proficiency required.  
Instrumental music group specializing in training and experience in a wide sampling of band repertoire, through rehearsals and performance. Attendance at on-campus end of semester concert in the theater is required. Students must provide their own instruments, although some larger instruments may be available through the Music Department. May be taken four times.  
**Materials Fee:** $0.00  
**Transfer:** CSU; UC  
**Grading:** Letter grade only  

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**NURSING ASSISTANT INFORMATION MEETINGS**  
Visit Chaffey’s NA web page at www.chaffey.edu/nursing or call 909/652-6675 for dates, times and more information regarding these mandatory information meetings.

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**NURAST-400L**  
**Nursing Assistant Laboratory**  
2.00 UNITS  
**Corequisite:** NURAST-400 and 405.  
Clinical application of the basic nursing care required to provide care for clients in long-term health care settings. Instructor signature required.  
**Materials Fee:** $2.00  
**Grading:** Pass/No Pass only  

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<tr>
<td>80785</td>
<td>C.Zmudka</td>
<td>96-108 hrs/term clinical</td>
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</table>

**SECT 80785:** Last day to add: 09/02/14  
**80786 C.Hodge**  
10/25/14-10/10/14  
Last day to add: 10/09/14  
96-108 hrs/term clinical  
CLIN  

**80791 C.Hodge**  
10/20/14-12/05/14  
Last day to add: 10/28/14  
96-108 hrs/term clinical  
CLIN  

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<tbody>
<tr>
<td>80792 G.Tiwari</td>
<td>96-108 hrs/term clinical</td>
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<td>HS-131</td>
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**SECT 80792:** Last day to add: 10/28/14  
**80794 G.Tiwari**  
10/17/14-11/06/14  
Last day to add: 10/17/14  
96-108 hrs/term clinical  
CLIN  

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<td>TH</td>
<td>HS-131</td>
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**SECT 80796:** Last day to add: 11/06/14  
**80797 C.Zmudka**  
10/20/14-12/05/14  
Last day to add: 10/28/14  
96-108 hrs/term clinical  
CLIN  

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**NURAST-405**  
**Nursing Assistant Skills Laboratory**  
0.50 UNITS  
**Corequisite:** NURAST-400 and 400L.  
Demonstration of the twenty-eight core skills requiring mastery in preparation for the California Department of Public Health (CDPH) Certified NurseAssistant (CNA) exam. Instructor signature required. **NOTE:** A half-hour lunch break is included within the stated meeting times.  
**Materials Fee:** $1.00  
**Grading:** Pass/No Pass only  

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<tr>
<td>80787</td>
<td>C.Zmudka</td>
<td>8:00am-2:30pm</td>
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**SECT 80787:** Last day to add: 08/21/14  
**80793 C.Hodge**  
10/16/14-10/30/14  
Last day to add: 10/16/14  
96-108 hrs/term clinical  
CLIN  

**80788 C.Hodge**  
08/22/14-09/05/14  
96-108 hrs/term clinical  
CLIN  
**80794 G.Tiwari**  
10/17/14-11/06/14  
Last day to add: 10/17/14  
96-108 hrs/term clinical  
CLIN  

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**NURAST-420**  
**Home Health Aide**  
1.50 UNITS  
**Limitation on Enrollment:** Admission into the Nursing Assistant program and possession of an active California Certified Nursing Assistant (CNA) certificate. **Corequisite:** NURAST-420L.  
Role of the home health aide in providing personal client care in assisted living and home care settings. Topics include: interpretation of medical and social needs of patients, preparation of nutritionally-appropriate meals, assistance with the administration of medication, provision of personal care and cleaning tasks in patient’s homes, and client care status reporting procedures. Course is based on model curriculum developed by the Department of Health Services. Instructor signature required.  
**Materials Fee:** $2.00  
**Grading:** Letter grade only  
**NOTE:** Students must achieve a minimum grade of C in NURAST-420 and pass NURAST-420L to meet course and program requirements.  

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<td>C.Zmudka</td>
<td>9:00am-3:30pm</td>
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<td>HS-133</td>
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**SECT 80796:** A half-hour lunch break is included within the stated meeting times. The last class meeting ends at 12pm.
NURAST-420L Home Health Aide Laboratory 1.00 UNITS
Corequisite: NURADN-420.
Clinical application of the care functions required to meet the physical, medical, and social needs of home-care and assisted living clients. Demonstration and practice in providing personal care, preparing food, administering medications, performing basic cleaning of clients' living environment, and assessing/reporting client status. Instructor signature required.
Materials Fee: $1.00
NOTE: Students must achieve a minimum grade of C in NURAST-420 and pass NURVN-420L to meet course and program requirements.
Grading: Pass/No Pass only

80797 C.Zmudka 8:00am-4:30pm F HS-131 and
11/07/14-12/10/14 Last day to add: 11/07/14
SECT 80797: A half-hour lunch break is included within the stated meeting times. Four classroom meetings on 11/07, 11/14, 11/21, and 12/05, plus 16 hours of off-site clinical experience.

NURAST-450 Professional Development for the Nursing Assistant 1.00 UNITS
Limitation on Enrollment: Admission into the Nursing Assistant program.
Advisory: Basic computer skills are recommended.
Demonstration of the interpersonal and professional skills needed by entry-level healthcare providers joining the workforce. Instructor signature required.
Materials Fee: $0.50
Grading: Letter grade only

80789 C.Zmudka 8:00am-2:30pm TH HS-141
09/18/14-10/02/14 Last day to add: 09/18/14
SECT 80789: A half-hour lunch break is included within the stated meeting times.
80795 C.Hodge 8:00am-2:30pm TH HS-141
11/13/14-12/04/14 Last day to add: 11/13/14
SECT 80795: A half-hour lunch break is included within the stated meeting times.

Nursing: Associate Degree (NURADN)

NURADN-3 Transition in Nursing 1.50 UNITS
Limitation on Enrollment: Must be a graduate of a Vocational Nursing school with an active LVN license, and have at least one year of work experience as an LVN in a clinical health care setting.
Corequisite: NURADN-3L.
Development of critical thinking skills, concepts of patient-centered care, utilization of the nursing process, and therapeutic communication.
Materials Fee: $2.00
Grading: Letter grade only

81719 S.Clay 7:45am-10:00am M HS-133
08/18/14-11/03/14 Last day to add: 08/24/14

IN NURSING A.D.N. PAIRED COURSES (I.E. NURADN-3 AND NURADN-3L), both components must be passed satisfactorily to meet course and program requirements. Less than a “C” grade in either will result in the lower of the two grades being assigned to both, and both courses will have to be repeated if a student wishes to continue in the Nursing A.D.N. program.

NURADN-3L Transition in Nursing Laboratory 0.50 UNITS
Corequisite: NURADN-3.
Application of basic nursing in an on-campus clinical setting.
Materials Fee: $1.00
Grading: Pass/No Pass only

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<tr>
<td>81721 R.Arciniega</td>
<td>10:00am-12:15pm</td>
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<td>08/18/14-11/03/14</td>
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<tr>
<td>81720 S.Clay</td>
<td>10:00am-12:15pm</td>
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<td>08/18/14-11/03/14</td>
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NURADN-6 Clinical Nursing Skills 1.50 UNITS
Limitation on Enrollment: Admission to the Nursing (A.D.N.) program.
Development of the essential components of safe patient-centered care.
Materials Fee: $2.00
Grading: Letter grade only

81722 M.Cianchetti 8:30am-3:15pm THWF HS-127
08/19/14-09/05/14 Last day to add: 08/19/14
81723 L.Doget 8:30am-3:15pm THWF HS-127
08/19/14-09/05/14 Last day to add: 08/19/14
81724 M.Aquino 8:30am-3:15pm THWF HS-127
08/19/14-09/05/14 Last day to add: 08/19/14
81725 L.Peralta 8:30am-3:15pm THWF HS-127
08/19/14-09/05/14 Last day to add: 08/19/14

NURADN-12 Nursing Process I 3.00 UNITS
Limitation on Enrollment: Admission into the A.D.N. program.
Corequisite: NURADN-12L.
Development of basic nursing concepts in patient-centered care, including communication, interpersonal relationships, and critical thinking skills.
Materials Fee: $3.00
Grading: Letter grade only

81739 M.Cianchetti 8:30am-1:40pm W HS-127
09/10/14-11/12/14 Last day to add: 09/16/14
81724 M.Aquino 8:30am-10:45am M HS-127
09/10/14-11/12/14 Last day to add: 09/16/14

NURADN-12L Nursing Process I Laboratory 3.50 UNITS
Corequisite: NURADN-12.
Application of basic nursing concepts in patient-centered, evidence-based care for adult and geriatric patients/families, with accommodation of individual differences, developmental level, and culture.
Materials Fee: $3.50
Grading: Pass/No Pass only

80740 M.Cianchetti 8:30am-3:00pm TF HS-127
08/19/14-11/03/14 Last day to add: 08/19/14
80741 L.Doget 8:30am-3:00pm TF HS-127
09/08/14-11/13/14 Last day to add: 09/15/14
80742 S.Guzman 8:30am-3:30pm TF HS-127
09/08/14-11/13/14 Last day to add: 09/15/14
80743 STAFF 8:30am-3:30pm TF Arranged hours clinical
09/08/14-11/14/14 Last day to add: 09/15/14

Additional sections of some classes may be available; check the Chino, Fontana, Ontario High School, and Hybrid/Online sections.
Development of psychiatric/mental health nursing concepts for patients and families using evidence-based practice, the nursing process, and critical thinking skills.

Materials Fee: $3.00   Transfer: CSU
Grading: Letter grade only
NURADN-34L  Nursing Process III Laboratory  3.00 UNITS
Corequisite: NURADN-34L.
Application of medical/surgical nursing concepts in patient-centered, evidence-based care to the geriatric, acute, and chronically ill individual/family, taking into consideration individual differences, developmental level, and culture.
Materials Fee: $3.00  Transfer: CSU
Grading: Pass/No Pass only
80760 R.Arciniega  162 hrs/term clinical  CLIN
08/18/14-11/07/14  Last day to add: 08/25/14
80761 S.Clay  162 hrs/term clinical  CLIN
08/18/14-11/07/14  Last day to add: 08/25/14
80762 STAFF  162 hrs/term clinical  CLIN
08/18/14-11/07/14  Last day to add: 08/25/14
80763 STAFF  162 hrs/term clinical  CLIN
08/18/14-11/07/14  Last day to add: 08/25/14

NURADN-38  Family-Child Nursing  2.00 UNITS
Corequisite: NURADN-38L.
Development of nursing concepts for infants, toddlers, school-age children, and adolescents and their families using evidence-based nursing, the nursing process, and critical reasoning/thinking skills.
Materials Fee: $2.00  Transfer: CSU
Grading: Letter grade only
80764 S.Clay  9:00am-12:16pm  MTW  HS-141
11/10/14-12/17/14  Last day to add: 09/01/15
SECT 80764: Tuesday meeting is on 11/11 only.

NURADN-38L  Family-Child Nursing Laboratory  1.50 UNITS
Corequisite: NURADN-38.
Application of family-child nursing concepts in patient-centered, evidence-based care, taking into consideration individual differences, developmental level, and culture.
Materials Fee: $2.00  Transfer: CSU
Grading: Pass/No Pass only
80766 S.Clay  81 hrs/term clinical  CLIN
11/10/14-12/19/14  Last day to add: 11/16/14
80767 J.Hinson  81 hrs/term clinical  CLIN
11/10/14-12/19/14  Last day to add: 11/16/14
80769 J.Bowman  81 hrs/term clinical  CLIN
11/10/14-12/19/14  Last day to add: 11/16/14
80770 C.Clin  81 hrs/term clinical  CLIN
11/10/14-12/19/14  Last day to add: 11/16/14

NURADN-44  Nursing Process IV  4.50 UNITS
Corequisite: NURADN-44L.
Development of medical/surgical nursing concepts for the acutely ill patient and their family, using evidence-based nursing, the nursing process, and critical thinking skills.
Materials Fee $5.00  Transfer: CSU
Grading: Letter grade only
80771 S.Herman and H.MacDonald  8:00am-12:30pm  T  HS-101

FEE REFUNDS
Refunds of $20 or more are automatically processed.
Refunds of less than $20 must be requested prior to the end of the semester.
See page 14 for more information on the refund policy and processes.

NURADN-44L  Nursing Process IV Laboratory  5.00 UNITS
Corequisite: NURADN-44L.
Application of the nursing process to the critically ill patient, with consideration of individual differences, developmental level, and culture.
Materials Fee: $5.00  Transfer: CSU
Grading: Pass/No Pass only
80772 V.Ozonoh and S.Herman  270 hrs/term clinical  CLIN
08/18/14-12/19/14  Last day to add: 08/25/14
80773 C.Eastman, and R.Ketchum  270 hrs/term clinical  CLIN
08/18/14-12/19/14  Last day to add: 08/25/14
80774 K.Dang and R.Ketchum  270 hrs/term clinical  CLIN
08/18/14-12/19/14  Last day to add: 08/25/14
80775 STAFF  270 hrs/term clinical  CLIN
08/18/14-12/19/14  Last day to add: 08/25/14

NURADN-50  Professional Issues in Nursing  1.00 UNITS
Corequisite: NURADN-44L.
Historical contributions, ethics, current patient-centered care delivery systems, quality assurance, QSEN, IOM, expanded role of the nurse, health care reform, nursing education, and continuing education, and as Continuing Education credit for RN’s and LVN’s, BRN #00426.
Materials Fee: $1.00  Transfer: CSU
Grading: Letter grade only
80776 H.MacDonald  8:00am-11:45am  M  HS-101
08/18/19-09/15/14  Last day to add: 08/23/18

NURADN-403  Pathophysiology for Nursing  3.00 UNITS
Corequisite: BIOL-22.
Study of basic ECG waveforms in relation to atrial, junctional and ventricular dysrhythmias. Designed to assist health care workers and those interested in health care with recognition and treatment of basic dysrhythmias.
Materials Fee: $2.00  Transfer: CSU
Grading: Letter grade only
80777 R.Arciniega  1:00pm-4:00pm  W  HS-132

NURADN-404  Basic ECG and Dysrhythmia Interpretation  2.00 UNITS
Study of basic ECG waveforms in relation to atrial, junctional and ventricular dysrhythmias. Designed to assist health care workers and those interested in health care with recognition and treatment of basic dysrhythmias.
Materials Fee: $2.00  Transfer: CSU
Grading: Letter grade only
80778 H.MacDonald  1:00pm-3:00pm  T  HS-132

NURADN-428  Basic Pharmacology  3.00 UNITS
Application of medical/surgical nursing concepts in patient-centered, evidence-based care to the geriatric, acute, and chronically ill individual/family, taking into consideration individual differences, developmental level, and culture.
Materials Fee: $2.00  Transfer: CSU
Grading: Pass/No Pass only
80779 L.Dog et  3:15pm-6:15pm  T  HS-132

Additional sections of some classes may be available; check the Chino, Fontana, Ontario High School, and Hybrid/Online sections.
NF-470 Food Service Management Supervision 3.00 UNITS
Corequisite: NF-471.
Practical experience in practice and live Clinical situations for the 1st semester students.
Limitation on Enrollment: Proof of a negative tuberculosis test within the past 12 months is required.

NF-471 Dietetic Service Supervisor I 1.00 UNITS
Supervisory and management roles in the professional health care setting for 1st semester students.
Limitation on Enrollment: Proof of a negative tuberculosis test within the past 12 months is required.
Corequisite: NF-471L.

NF-471L Dietetic Service Supervisor I: Supervised Clinical Laboratory 2.00 UNITS
Practical experience in practice and live Clinical situations for the 1st semester student.

NF-475 Nutrition for Life 3.00 UNITS
Essentials of nutrition as they relate to diet, health and disease, risk reduction, stress, and nutritional deficiencies.
Materials Fee: $3.00
Transfer: CSU; UC
Grading: Letter grade only

NF-476 Nutrition and the Active Person 3.00 UNITS
Introduction to sports nutrition as related to The nutritional needs of all individuals interested In physical fitness, from the serious athlete to the more leisurely active person. Topics include: the study of basic nutrition, disease prevention, methods for increasing cardiovascular endurance, weight control, increasing strength and flexibility, and stress management through the components of diet and fitness.
Materials Fee: $3.00
Transfer: CSU
Grading: Letter grade only

NF-15 Nutrition I: The Science of Nutrition 3.00 UNITS
Introduction to the science of nutrition and its implications for human health, including essential nutrients, basic dietary guidelines, and changing nutritional needs throughout the lifecycle.
Materials Fee: $3.00
Transfer: CSU; UC
Grading: Letter grade only

NF-22 Nutrition and the Active Person 3.00 UNITS
Techniques of planning and preparing nutritious foods, incorporating lower levels of fat, cholesterol, and sodium into meals. Emphasis on healthy food selection as a lifestyle.
Materials Fee: $3.00
Transfer: CSU
Grading: Letter grade only

NF-11 Food Service Management Supervision 3.00 UNITS
Advisory: Completion of NF-470.
Aspects of food service management supervision. Role of the supervisor/manager in developing personnel programs and establishing workable labor-management relationships.
Materials Fee: $3.00
Transfer: CSU
Grading: Letter grade only

NURADN-551 Health Science Skills Development II 1.00 UNITS
Limitation on Enrollment: Students must be enrolled in the NURADN program.
Highly recommended, instructional guidance for use of informatics, critical thinking, and technical and clinical skills in conjunction with current health science courses.
Materials Fee: $1.00
Grading: Pass/No Pass only

80782 R.Arciniega 48-54 hrs/term arranged Last day to add: 10/30/14 HS-130
08/18/14-12/19/14
80783 S.Howe-Fontes and C.Lopez 48-54 hrs/term arranged Last day to add: 10/30/14 HS-130
08/18/14-12/19/14

Additional sections of some classes may be available; check the Chino, Fontana, Ontario High School, and Hybrid/Online sections.
<table>
<thead>
<tr>
<th>SECTION #</th>
<th>INSTRUCTOR</th>
<th>HOURS</th>
<th>DAYS</th>
<th>ROOM</th>
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<tbody>
<tr>
<td>PHARMT-301</td>
<td>Pharmacology of the Body Systems I</td>
<td>3.00 UNITS</td>
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<tr>
<td>Limitation on Enrollment: Students are required to attend a mandatory orientation session and submit a contact application to the program. Basic anatomy, physiology, and pharmacology related to drugs affecting the endocrine and gastrointestinal systems, neoplastic disorders, infectious diseases, immunological function, vitamin and mineral balance, and the eyes and ears. Materials Fee: $5.00 Grading: Letter grade only 80798 L.Breegle 1:00pm-4:00pm T HS-103</td>
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<tr>
<td>PHARMT-403</td>
<td>Principles of Community Pharmacy Practice</td>
<td>1.50 UNITS</td>
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<tr>
<td>Limitation on Enrollment: Registration is restricted to students who have attended a mandatory orientation session and submitted a contact application to the program. Course provides an overview of the community pharmacy setting, to include the role of a pharmacy technician and pharmacist in the community pharmacy practice setting, pharmacy law and ethics, medical and pharmaceutical terminology, pharmaceutical dosage forms, drug development processes, drug classification systems, and an introduction to prescription reading and labeling. Materials Fee: $0.00 Grading: Letter grade only 80799 L.Breegle 9:00am-10:30am M HS-103</td>
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<tr>
<td>PHARMT-410</td>
<td>Over-The-Counter Products</td>
<td>2.00 UNITS</td>
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<td>Limitation on Enrollment: Registration is restricted to students who have attended a mandatory orientation session and submitted a contact application to the program. Course enables students to recognize the classifications and uses of the various over-the-counter (OTC) products utilized in modern health care. The drugs’ mechanism of action, major indications, body systems affected, adverse effects, consumer precautions and contraindications are discussed. Materials Fee: $0.00 Grading: Letter grade only 80800 L.Breegle 10:00am-12:00pm T HS-103</td>
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**PHARMACY TECHNICIAN INTEREST/INFORMATION SESSIONS**

Visit Chaffey's Pharmacy Technician web page at www.chaffey.edu/pharmacy or call 909/652-6675 for dates, times and more information regarding these mandatory information meetings.

**Student Health Services**

First Aid • Doctor’s Visits • Counseling Immunizations • Lab Tests Call (909) 652-6331 for same day appointments
### Philosophy (PHIL)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
<th>Prerequisite</th>
<th>Advisory</th>
<th>Materials Fee</th>
<th>Transfer</th>
<th>Grading</th>
<th>Instructor(s)</th>
<th>Days</th>
<th>Room</th>
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<tbody>
<tr>
<td>PHIL-70</td>
<td>Introduction to Philosophy</td>
<td>3.00</td>
<td>Eligibility for ENGL-1A as determined by the Chaffey assessment process, or satisfactory completion of ENGL-450 or ENGL-475, or ESL-450 or ESL-475.</td>
<td>Completion of PHIL-70.</td>
<td>$3.00</td>
<td>CSU; UC</td>
<td>Letter grade only</td>
<td>79312 L.Gentry</td>
<td>TTH</td>
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<td>79314 B.King 11:00am-12:20pm TTH WH-142</td>
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<td>79315 B.King 11:00am-11:50pm F CAA-218</td>
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<td>79313 C.Mabonzo 3:30pm-4:50pm TTH SS-100</td>
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<td>79309 S.Hughes 7:00pm-10:30pm MW SS-102</td>
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<td>SECT 79309: Fast-Track class; see pages 168-174 for more info.</td>
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<td>79311 R.Mittendorf 7:00pm-9:50pm W SS-113</td>
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<td>79310 E.Kostiuk 7:00pm-10:30pm TTH SS-113</td>
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<td>10/21/14-12/11/14 Last day to add: 10/27/14</td>
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<td>SECT 79310: Fast-Track class; see pages 168-174 for more info.</td>
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<td>(more sections are online, and at Chino and Fontana)</td>
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| PHIL-72 | Seminar in Ethics | 3.00 | Eligibility for ENGL-1A as determined by the Chaffey assessment process, or satisfactory completion of ENGL-450 or 475, or ESL-450 or ESL-475. | Completion of PHIL-70. | $3.00 | CSU; UC | Letter grade only | 79318 R.Falcioni | 11:00am-12:20pm TTH SS-106 |
|        |       |       |              |          |               |          |         | 79319 R.Falcioni 12:30pm-1:50pm TTH SS-106 |       |       |
|        |       |       |              |          |               |          |         | SECT 79319: Honors class; see page 175 for more info. |       |       |
|        |       |       |              |          |               |          |         | 79320 R.Falcioni 7:00pm-9:50pm M SS-106 |       |       |

| PHIL-73 | Seminar in Contemporary American Philosophy | 3.00 | Eligibility for ENGL-1A as determined by the Chaffey assessment process, or satisfactory completion of ENGL-450 or ENGL-475, or ESL-450 or ESL-475. | Completion of PHIL-70. | $3.00 | CSU; UC | Letter grade only | 79321 D.Kern | 12:30pm-1:50pm TTH SS-103 |

| PHIL-75 | Symbolic Logic | 3.00 | Eligibility for ENGL-1A. | Completion of PHIL-76. | $3.00 | CSU; UC | Letter grade only | 79322 D.Kern 11:00am-12:20pm TTH SS-100 |

| PHIL-76 | Critical Thinking | 3.00 | Eligibility for ENGL-1A. | Completion of PHIL-77. | $3.00 | CSU; UC | Letter grade only | 79327 R.Livingston 9:00am-11:50am F SS-100 |
|        |       |       |              |          |               |          |         | 79328 R.Mittendorf 12:30pm-1:50pm MW SS-100 |       |       |
|        |       |       |              |          |               |          |         | 79329 B.King 2:00pm-3:50pm F SS-100 |       |       |
|        |       |       |              |          |               |          |         | 79330 P.Rodriguez 3:30pm-4:50pm TTH SS-105 |       |       |
|        |       |       |              |          |               |          |         | 79325 D.Mages 7:00pm-10:30pm MW SS-100 |       |       |
|        |       |       |              |          |               |          |         | 08/14/14-10/08/14 Last day to add: 08/25/14 |       |       |
|        |       |       |              |          |               |          |         | SECT 79325: Fast-Track class; see pages 168-174 for more info. |       |       |
|        |       |       |              |          |               |          |         | 79326 D.Mages 7:00pm-10:30pm MW SS-100 |       |       |
|        |       |       |              |          |               |          |         | 10/20/14-12/10/14 Last day to add: 10/26/14 |       |       |
|        |       |       |              |          |               |          |         | SECT 79326: Fast-Track class; see pages 168-174 for more info. |       |       |
|        |       |       |              |          |               |          |         | (more sections are online, and at Chino, Fontana and Ontario High School) |       |       |

| PHIL-77 | History of Philosophy: Ancient to Medieval | 3.00 | Eligibility for ENGL-1A as determined by the Chaffey assessment process, or satisfactory completion of ENGL-450 or 475, or ESL-450 or ESL-475. | Completion of PHIL-78. | $3.00 | CSU; UC | Letter grade only | 79334 D.Kern 9:30am-10:50am TTH SS-100 |

| PHIL-80 | Introduction to Religion | 3.00 | Eligibility for ENGL-1A as determined by the Chaffey assessment process, or satisfactory completion of ENGL-450 or 475, or ESL-450 or ESL-475. | Exploration into the philosophies of religion and its intellectual, cultural, and personal expressions. | $3.00 | CSU; UC | Letter grade only | 79337 R.Livingston 8:00am-9:20am MW SS-100 |
|        |       |       |              |          |               |          |         | 79336 L.Gentry 8:00am-9:20am TTH SS-100 |       |       |
|        |       |       |              |          |               |          |         | 79335 J.Murico 7:00pm-9:50pm M SS-113 |       |       |

Additional sections of some classes may be available; check the Chino, Fontana, Ontario High School, and Hybrid/Online sections.
PHIL-81 Introduction to Eastern Philosophy 3.00 UNITS
Prerequisite: Eligibility for ENGL-1A as determined by the Chaffey assessment process, or satisfactory completion of ENGL-450 or ESL-450 or ESL-475.
The principles and practices of Hinduism, Buddhism, Taoism, and Confucianism in understanding self, others, and the universe.
Materials Fee: $3.00
Grading: Letter grade only
79338 M.Alford 12:30pm-3:20pm MW CAA-127
79337 K.Emmett 3:30pm-6:20pm MW CAA-127
79336 A.Lepore 6:30pm-9:20pm MW CAA-127

PHIL-82 Intro to Monotheistic Religions: Judaism/Christianity/Islam 3.00 UNITS
Prerequisite: Eligibility for ENGL-1A as determined by the Chaffey assessment process or satisfactory completion of ENGL-450 or ENGL-475, or ESL-450 or ESL-475.
Exploration of the unity and contrast among basic Jewish, Christian, and Moslem belief systems and practices.
Materials Fee: $3.00
Grading: Letter grade only
79340 R.Falcioni 11:00am-12:20pm MW SS-100
79341 R.Falcioni 2:00pm-3:20pm MW SS-100

Photography (PHOTO)

PHOTO-1 History of Photography 3.00 UNITS
History and appreciation of photography as a medium of artistic and social communication. No lab access with this course.
Materials Fee: $3.00
Grading: Letter grade only
79828 D.Johnson 3:30pm-4:50pm MW CAA-215
(Another section is at Chino)

PHOTO-7 Introduction to Digital Photography 4.00 UNITS
Instruction in the basic principles of digital photography, including digital printing. Student must furnish an adjustable DSLR (i.e. not a point-and-shoot model) digital camera.
Materials Fee: $4.00
Grading: Letter grade only
79827 C.Crone 9:30am-12:20pm MW CAA-123
79831 J.Porter 9:30am-3:20pm F CAA-123
79832 K.Haddad 12:30pm-3:20pm T CAA-123
and
08/18/14-12/19/14 Last day to add: 08/25/14
SECT 79833: Hybrid class; see page 152 for more info.
79833 K.Haddad 12:30pm-3:20pm TH CAA-123
and
08/18/14-12/19/14 Last day to add: 08/25/14
SECT 79834: Hybrid class; see page 152 for more info.
79830 J.Shafer 6:30pm-9:20pm TTH CAA-123

PHOTO-9 Digital Imaging 4.00 UNITS
An introductory course in using computer imaging software such as Adobe Photoshop in photography and the digital arts. Class explores the creative potential of imaging software used by visual artists.
Materials Fee: $4.00
Grading: Letter grade only
79835 K.Haddad 3:30pm-6:20pm TTH CAA-123
79834 K.Haddad 3:30pm-6:20pm W CAA-123
and
08/18/14-12/19/14 Last day to add: 08/25/14
SECT 79834: Hybrid class; see page 152 for more info.

PHOTO-10 Beginning Photography 4.00 UNITS
Introduction to film based photography and the principles of black-and-white photography, including cameras and the darkroom. Students must furnish an adjustable non-digital camera.
Materials Fee: $4.00
Grading: Letter grade only
79836 A.Lepore 9:30am-12:20pm TTH CAA-127
79837 K.Emmett 3:30pm-6:20pm MW CAA-127
79838 M.Alford 6:30pm-9:20pm MW CAA-127

PHOTO-12 Studio Lighting 4.00 UNITS
Prerequisite: PHOTO-7 or 10.
Introduction to the use of studio equipment and lighting techniques. Topics include portrait, still life, advertising, and art photography. Students must furnish an adjustable camera.
Materials Fee: $4.00
Grading: Letter grade only
79839 A.Alger 3:30pm-6:20pm MW CAA-129

PHOTO-13 Fine Art Photography 4.00 UNITS
Prerequisite: PHOTO-10 or 7.
Explores photography as an art form. Concerned with contemporary issues in art photography.
Materials Fee: $4.00
Grading: Letter grade only
79841 A.Sanchez 12:30pm-3:20pm MW CAA-127

PHOTO-21 Public Relations Photography 2.00 UNITS
Prerequisite: PHOTO-7 or 10.
Theory and practice of photographing people and locations for commercial and promotional purposes. Selection and use of equipment, set-ups, lighting, directing, presentation, and simple business practices are explored. Student must produce a portfolio of projects, and must supply an adjustable camera for use in the course.
Materials Fee: $2.00
Grading: Letter grade only
79845 L.Lewis 9:30am-12:20pm F CAA-127

PHOTO-422 Wedding Photography 2.00 UNITS
Prerequisite: PHOTO-7.
Techniques in wedding photography, covering composition, subject posing, selection and use of cameras, lenses, filters, lighting, and special effects, as well as business presentations and sales strategies. Student must furnish an adjustable camera.
Materials Fee: $2.00
Grading: Letter grade only
79843 L.Lewis 12:30pm-3:20pm MW CAA-127

PHOTO-430 Fine Art Photography Portfolio 4.00 UNITS
Prerequisites: PHOTO-7 and 13.
Designed for photography students interested in furthering their conceptual and technical skills learned in Fine Art Photography. Individually directed work in a supervised studio/lab environment that includes regular group, individual, and written critiques and reviews. Emphasis is on the development of a fine art portfolio.
Materials Fee: $0.00
Grading: Letter grade only
79842 A.Sanchez 12:30pm-3:20pm MW CAA-127

Additional sections of some classes may be available; check the Chino, Fontana, Ontario High School, and Hybrid/Online sections.
PHOTO-432  Wedding Photography Portfolio  2.00 UNITS  
Prerequisite: PHOTO-7 and 422. 
Course is designed for photography students interested in furthering conceptual and technical skills learned in Wedding Photography through individually directed work in a supervised studio/lab environment with regular group, individual, and written critiques and reviews. Emphasis is on the development of a professional portfolio. 
Materials Fee: $0.00  
Grading: Letter grade only  
79844 L. Lewis  12:30pm-3:20pm  F  CAA-127

PHOTO-434  Public Relations Photography Portfolio 2.00 UNITS  
Prerequisites: PHOTO-7 and 21. 
Designed for photography students interested in further honing skills learned in Public Relations Photography. Individually directed work in a supervised studio/lab environment that includes regular group, individual, and written critiques and reviews - both written and oral - with an emphasis on the development of work suitable for portfolio review. 
Materials Fee: $0.00  
Grading: Letter grade only  
79846 L. Lewis  9:30am-12:20pm  F  CAA-127

PHOTO-436  Studio Lighting Portfolio  4.00 UNITS  
Prerequisites: PHOTO-7 and 12. 
Designed for photography students interested in further honing skills learned in Studio Lighting, through individually directed work in a supervised studio environment. Includes regular group, individual, and written critiques and reviews, with an emphasis on the development of work suitable for portfolio review. 
Materials Fee: $0.00  
Grading: Letter grade only  
79840 A. Alger  3:30pm-6:20pm  MW  CAA-129

Physical Education  
(See Kinesiology)

Physical Science (PHSCI)  
909/652-6404

PHSCI-10  Survey of Chemistry and Physics  4.00 UNITS  
Prerequisite: Eligibility for MATH-425 as determined by the Chaffey assessment process, or completion of MATH-410. 
Advisory: Completion of MATH-425. 
Introduction to the principles of physics and chemistry, including motion, forms of energy, electricity, magnetism, waves, and more. Course is recommended for liberal studies majors and future teachers. 
Materials Fee: $12.00  
Transfer: CSU; UC 
Grading: Letter grade only  
82095 J. Oakdale  2:00pm-3:20pm  TTH  ZH-122  
and  3:30pm-4:50pm  TTH  CHEM-125

PHYS-5  The Ideas of Physics  3.00 UNITS  
Prerequisite: Eligibility for MATH-425 as determined by the Chaffey assessment process, or completion of MATH-410. 
Basic concepts of mass, force, Newton’s Laws of Motion, conservation laws, momentum and energy. Course is designed for students needing a general education science lecture course and for students majoring in engineering technology or the life sciences. 
Materials Fee: $3.00  
Transfer: CSU; UC credit limitations 
Grading: Letter grade only  
82096 STAFF  5:00pm-6:20pm  TTH  WH-112

PHYS-6  Ideas of Physics Lab  1.00 UNITS  
Corequisite: PHYS-5 (may be taken previously). 
Experiments with lecture concepts, including measurement, free fall, springs, centripetal force, kinetic energy, gravitational potential energy, conservation of momentum, and Archimedes’ principle. 
Materials Fee: $1.00  
Transfer: CSU; UC credit limitations 
Grading: Letter grade only  
82097 STAFF  6:30pm-9:20pm  TH  PS-120

PHYS-20B  Algebra/Trigonometry College Physics II  4.00 UNITS  
Prerequisite: PHYS-20A. 
Simple harmonic motion, static fluids and fluid flow, zeroth, first and second laws of thermodynamics, sound waves, electric force and field, and more. 
(C-ID PHYS 110) 
Materials Fee: $4.00  
Transfer: CSU; UC credit limitations 
Grading: Letter grade only  
82098 M. Cheatte  1:30pm-2:50pm  TTH  PS-121  
and  3:00pm-5:50pm  T  PS-120

PHYS-30A  Physics for the Medical and Life Sciences I  4.00 UNITS  
Prerequisite: MATH-61, and PHYS-5 or 44 or one year of high-school physics. 
Corequisite: MATH-65A. 
Concepts of mass, force, Newton’s Laws of Motion, momentum, impulse, work, energy, and power for students majoring in life or medical science, or engineering technology, whose university major requires calculus-based physics. 
Materials Fee: $4.00  
Transfer: CSU; UC credit limitations 
Grading: Letter grade only  
82099 STAFF  11:00am-12:20pm  MW  PS-121 
and  8:00am-10:50am  W  PS-120

PHYS-44  Introduction to Motion  4.00 UNITS  
Prerequisite: MATH-61. 
Introduction to study of mechanics for students majoring in a physical science or engineering. 
Materials Fee: $4.00  
Transfer: CSU; UC credit limitations. 
Grading: Letter grade only  
82100 STAFF  9:30am-10:50am  TTH  PS-121  
and  11:00am-1:50pm  T  PS-120
82101 STAFF  9:30am-10:50am  TTH  PS-121  
and  11:00am-1:50pm  TH  PS-120

MyChaffeyVIEW  
(HOURS OF OPERATION)  
The MyChaffeyVIEW Online services system is typically available 24 hours a day, Monday-Saturday, except where noted. 
MyChaffeyVIEW is usually not available on Sundays due to system maintenance.

Additional sections of some classes may be available; check the Chino, Fontana, Ontario High School, and Hybrid/Online sections.
**Physics Course Sequence**

for non-science majors

1. **PHYS-5**
2. **PHYS-20A**
3. **PHYS-20B**
4. **PHYS-30A**
5. **PHYS-30B**

for scientists and engineers

1. **MATH-61** (Prerequisite)
2. **PHYS-20A**
3. **PHYS-20B**
4. **PHYS-30A**
5. **MATHE-65A** (Corequisite)
6. **PHYS-45** (CSU & UC transferable)
7. **PHYS-46** (CSU & UC transferable)
8. **PHYS-47** (CSU & UC transferable)

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**PS-1  American Politics** 3.00 UNITS

Advisory: Completion of ENGL-1A.

Study of the American political process and institutions. Analysis of the organization and function of California’s state and local governments.

Materials Fee: $3.00  Transfer: CSU; UC

Grading: Letter grade only

- 79204 L. Bohon  8:00am-9:20am  TTH PS-121
- 79198 M. Carter  9:30am-10:50am  MW WH-142
- 79199 K. Cameron  11:00am-12:20pm  MW PS-121
- 79196 M. Carter  11:00am-1:00pm  MW WH-142
- 08/18-10/08/14  Last day to add: 08/25/14
- 79191 K. Cameron  11:00am-12:20pm  MW PS-121
- 79197 M. Carter  11:00am-1:00pm  MW WH-142
- 10/20-12/10/14 Last day to add: 10/27/14
- 79197 K. Cameron  11:00am-1:00pm  MW PS-121
- 79201 K. Cameron  11:00am-1:00pm  MW PS-121
- 79202 K. Cameron  1:00pm-3:00pm  MW WH-142
- 79203 K. Cameron  1:00pm-3:00pm  MW WH-142
- 79204 L. Bohon  1:00pm-3:00pm  MW WH-142
- 79205 J. Kraybill  1:00pm-3:00pm  MW WH-142
- 79206 M. Coson  1:00pm-3:00pm  MW WH-142

Additional sections of some classes may be available; check the Chino, Fontana, Ontario High School, and Hybrid/Online sections.

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**PS-2  Introduction to Political Science** 3.00 UNITS

Advisory: Completion of ENGL-1A.

Analysis of political institutions, behaviors, cultures, ideologies, and factors that lead to stability or revolution.

Materials Fee: $3.00  Transfer: CSU; UC

Grading: Letter grade only

- 79210 L. Bohon  7:15am-10:45am  MW SS-104
- 08/18-10/08/14 Last day to add: 08/25/14
- 79210 L. Bohon  7:15am-10:45am  MW SS-104
- 79211 M. Coson  9:00am-12:00pm  S SS-104
- 79212 K. Cameron  3:30pm-4:50pm  TH PS-102
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<tr>
<th>SECTION #</th>
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<th>DAYS</th>
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<tr>
<td>PSY-10</td>
<td>Comparative Politics</td>
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<td>PSY-25</td>
<td>Latino Politics</td>
<td>3.00 UNITS</td>
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<tr>
<td>PS-32</td>
<td>Law and Society</td>
<td>3.00 UNITS</td>
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<tr>
<td>PSYCH-5</td>
<td>Personal and Social Awareness</td>
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<td>PSYCH-20</td>
<td>Developmental Psych: Childhood and Adolescence</td>
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<td>3.00 UNITS</td>
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<tr>
<td>PSYCH-41</td>
<td>Biological Psychology</td>
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<td>PSYCH-55</td>
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**Psychology (PSYCH)**

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<td>PSY-25</td>
<td>Latino Politics</td>
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<td>Social Psychology</td>
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Additional sections of some classes may be available; check the Chino, Fontana, Ontario High School, and Hybrid/Online sections.
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<td>RADTEC-10</td>
<td>Anatomy and Radiographic Positioning I</td>
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<td>Limitation on Enrollment: Admission to the Radiologic Technology program is required.</td>
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<td></td>
<td>Corequisite: RADTEC-10L.</td>
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<td></td>
<td>Study of radiographic positioning of the chest, upper extremity, lower extremity, shoulder and pelvic girdle, abdomen, and urinary system, emphasizing anatomy, image evaluation, communication, patient care and safety.</td>
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<td>Materials Fee: $9.00</td>
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<tr>
<td>80807 A.Dutton</td>
<td>8:00am-11:00am</td>
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<td>80810 A.Dyer</td>
<td>8:00am-11:00am</td>
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<td>80809 A.Dutton</td>
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<td>RADTEC-10L Laboratory for Anatomy and Radiographic Positioning I</td>
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<td>Corequisite: RADTEC-10.</td>
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<td></td>
<td>Discussion, application, demonstration, role-play and timed simulated procedure evaluations for positioning of the chest, upper extremity, lower extremity, shoulder girdle, pelvic girdles, abdomen, and urinary system.</td>
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<td>80809 A.Dutton</td>
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<td>RADTEC-16 Medical Procedures for Radiologic Technologists</td>
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<td></td>
<td>Overview of radiography’s foundations and the practitioner’s role in the health care delivery system, to include radiology’s history, legal terminology, concepts, principles, professional responsibilities, and safety.</td>
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<td>Corequisite: RADTEC-16</td>
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<td></td>
<td>Discussion, application, role-play and timed simulated procedure evaluations of the medical procedures and techniques commonly used in radiology departments.</td>
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<td>80818 M.Lopez</td>
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<td>80820 T.Ortiz</td>
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<td>80819 M.Lopez</td>
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<td>80821 T.Ortiz</td>
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<td>RADTEC-20 Radiologic Science and Protection</td>
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<td>Corequisite: RADTEC-20L.</td>
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<td></td>
<td>Fundamental properties of radiation, x-ray production, and interaction with matter, including the operation of radiographic equipment and digital imaging systems.</td>
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<td>80812 M.Soto</td>
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<td>RADTEC-20L Laboratory for Radiologic Science and Protection</td>
<td>1.00 UNITS</td>
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<td>Limitation on Enrollment: Admission to the Radiologic Technology program is required.</td>
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<td>Corequisite: RADTEC-20.</td>
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<td></td>
<td>Through a process of discussion, demonstration, return demonstration, group sharing and demonstration evaluation, students correlate concepts with the actual making and evaluation of a radiographic image.</td>
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<td>Materials Fee: $1.00</td>
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<td>80814 M.Soto</td>
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<td>80816 STAFF</td>
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<td>80815 M.Soto</td>
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<tr>
<td>RADTEC-31 Radiographic Clinical Education I</td>
<td>2.00 UNITS</td>
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<td>Limitation on Enrollment: Admission to the Radiologic Technology Program.</td>
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<td></td>
<td>Development, application, critical analysis, and integration of theory. The student first observes and then performs - under direct supervision - patient care and radiographic procedures.</td>
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<td>80834 A.Dutton</td>
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<td>SECT 80834: Class meets in ZZ-122 from 08/22/14-09/12/14 and at clinical sites from 09/19/14-12/19/14. On 12/19, clinical meets from 8am-12pm. Half hour lunch break from 12-12:30pm.</td>
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<td>RADTEC-61 Radiographic Clinical Education IV</td>
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<td>Corequisite: RADTEC-66L.</td>
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<td></td>
<td>Study of the calvarium, facial area, sinuses, and temporal bone provides the knowledge base necessary to perform standard imaging procedures. Introduction to CT and other modalities is included.</td>
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<td>J.Parton, L.Garcia, Y.Gomez, M.Soto</td>
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<tr>
<td>RADTEC-66 Anatomy and Radiographic Positioning III</td>
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<tr>
<td>80822 STAFF</td>
<td>8:00am-11:00am</td>
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**UNIT LIMIT**

Effective Summer 2014, students exceeding 100 units earned (excluding 500-level courses) lose their registration priority.

Per California Community College state regulatory changes. See [www.chaffey.edu/student-success](http://www.chaffey.edu/student-success) for more info.
RADTEC-66L Laboratory for Anatomy and Radiographic Position III 1.00 UNITS

Limitation on Enrollment: Must be a 2nd year Radiologic Technology student in good standing.
Corequisite: RADTEC-66.
Radiographic positioning of the calvarium, facial area, sinuses, and temporal bone necessary to perform standard imaging procedures. An introduction to CT and other modalities is included.
Materials Fee: $25.00
Grading: Letter grade only
Transfer: CSU

SECTION #     INSTRUCTOR     HOURS     DAYS     ROOM
80824 M.Soto 8:00am-11:00am      F     RSAM-01
80826 STAFF 8:00am-11:00am      F     RSAM-01
80825 M.Soto 12:00pm-3:00pm     F     RSAM-01
80827 STAFF 12:00pm-3:00pm     F     RSAM-01

RADTEC-470 Venipuncture for Imaging Professionals 1.00 UNITS

Limitation on Enrollment: Student must be a 2nd year radiography student or a graduate of a JRCERT approved radiography program, and possess a current health care provider CPR card.
Corequisite(s): RADTEC-470L.
Basic concepts of pharmacology associated with venipuncture. Techniques, anatomy and physiology of venipuncture sites, use of instruments and related equipment, and administration of diagnostic contrast agents and/or IV medication.
Materials Fee: $1.00
Grading: Letter grade only

SECTION #     INSTRUCTOR     HOURS     DAYS     ROOM
80828 A.Dyer 11:30am-3:00pm     TH     RSAM-03 08/21/14-09/18/14 Last day to add: 08/21/14

RADTEC-470L Venipuncture Laboratory for Imaging Professionals 0.50 UNITS

Limitation on Enrollment: Student must be a 2nd year radiography student or a graduate of a JRCERT approved radiography program, and possess a current health care provider CPR card.
Corequisite(s): RADTEC-470.
Application of skills in the concepts of pharmacology and venipuncture. Demonstration of the anatomy and physiology of venipuncture sites, instrumentation, I.V. solutions, and use of related equipment.
Materials Fee: $0.50
Grading: Letter grade only

SECTION #     INSTRUCTOR     HOURS     DAYS     ROOM
80829 A.Dyer 11:30am-1:30pm     TH     RSAM-03 09/25/14-12/18/14 Last day to add: 10/08/14
80830 C.Costello 11:30am-1:30pm TH     RSAM-03 09/25/14-12/18/14 Last day to add: 10/08/14
80831 A.Dyer 1:30pm-3:30pm     TH     RSAM-03 09/25/14-12/18/14 Last day to add: 10/08/14
80832 C.Costello 1:30pm-3:30pm TH     RSAM-03 09/25/14-12/18/14 Last day to add: 10/08/14

FEE PAYMENTS

Students receiving Financial Aid, 3rd party sponsored billing, and students enrolled in the Facts Payment plan (see www.chaffey.edu/cashier/facts.shtml) will not be dropped from their classes for non-payment.
For everyone else, payment is due not more than 10 calendar days from the date of registration (including holidays and weekends).
For more detailed information, see the Payment Deadline information on pages 12-15 and Payment Date Due Chart on page 16.

Reading
(See English)
909/652-7606

Social Science (SCSCI)

SCSCI-10 Statistics for Social Science 4.00 UNITS
Prerequisite: Eligibility for MATH-25 or higher as determined by the Chaffey assessment process, or completion of MATH-425.
Survey of methods used to analyze and interpret data generated by scientific investigation. Use of computerized statistical packages such as SPSS. Note: Nurses earn 50 hours of CE credit BRN #00426.(C-ID SOCI 125)
Materials Fee: $4.00 Transfer: CSU; UC credit limitations.
Grading: Letter grade only

79141 V.Dunwoody 2:00pm-4:50pm MW     AT-105
79142 V.Dunwoody 7:00pm-9:50pm MW     AT-105

SCSCI-17 Human Sexuality 3.00 UNITS
Advisory: Completion of one or more behavioral science courses.
Exploration of the biological, psychological, and social aspects of human sexuality. Nurses earn 54 hours of CE credit: BRN #00426.
Materials Fee: $3.00 Transfer: CSU; UC
Grading: Letter grade only

79192 L.Navarette 7:00pm-9:50pm TH     SS-110
(more sections are online, and at Chino and Fontana)

Sociology (SOC)

SOC-10 Introduction to Sociology 3.00 UNITS
Prerequisite: Eligibility for ENGL-1A as determined by the Chaffey assessment process, or completion of ENGL-475 or ESL-475.
Characteristics of social life. Processes of interaction, consequences of group membership, institutions of modern society, factors that perpetuate social inequality, and social change and globalization. (C-ID SOCI 110)
Materials Fee: $3.00 Transfer: CSU; UC
Grading: Letter grade only

79145 S.Gomez 6:30am-7:50am MW     SS-110
79158 S.Gomez 7:15am-10:45am MW     SS-108 08/18/14-10/08/14 Last day to add: 08/25/14
79159 S.Gomez 7:15am-10:45am MW     SS-108 10/20/14-12/10/14 Last day to add: 10/27/14

SECT 79158: Fast-Track class; see pages 168-174 for more info.
SECT 79159: Fast-Track class; see pages 168-174 for more info.

79163 E.Der-Mesropian 8:00am-9:20am MW     SS-110
79166 S.Gomez 8:00am-9:20am MW     SS-110
79162 K.Lawson 8:00am-9:20am TTH     SS-108
79163 R.Halili 8:00am-9:20am TTH     WH-112
79168 L.Gaetje 9:00am-11:50am F     SS-110
79154 E.Der-Mesropian 9:30am-10:50am MW     SS-110
79157 K.Lawson 9:30am-10:50am TTH     PS-112
79155 T.Ubovich 11:00am-12:20pm MW     SS-110
79160 J.Song 11:00am-2:30pm TTH     SS-108 08/19/14-10/07/14 Last day to add: 08/25/14
79161 J.Song 11:00am-2:30pm TTH     SS-108 10/20/14-12/10/14 Last day to add: 10/27/14

SECT 79160: Fast-Track class; see pages 168-174 for more info.
SECT 79161: Fast-Track class; see pages 168-174 for more info.

909/652-6253
### SOC-14 Sociology of Gender 3.00 UNITS

**Advisory: Completion of SOC-10.**
The role and status of women and men in society, emphasizing sexual inequality and recent changes that affect the family, education, economy, law, and other societal institutions. (C-ID SOCI 140)

Materials Fee: $3.00  
Transfer: CSU; UC  
Grading: Letter grade only

79116 L.Navarette  9:00am-10:20am  MW  SS-110  
79117 K.Lindleaf  11:00am-12:20pm  MW  SS-113

### SOC-15 Ethnic and Race Relations: U.S. and 3.00 UNITS  
Global Perspectives

**Advisory: Completion of SOC-10.**
Application of major sociological theories and concepts to the examination of ethnic and race relations in the U.S. and the world. Significance of contemporary multiculturalism, racism, ethnocentrism, and sexism. (C-ID SOCI 150)

Materials Fee: $3.00  
Transfer: CSU; UC  
Grading: Letter grade only

79117 K.Lindleaf  11:00am-12:20pm  MW  SS-113  
79118 K.Keane  1:00pm-2:20pm  MW  SS-110  
79119 R.Decter  9:00am-12:00pm  S  SS-110

### STUDENT SUCCESS CENTERS

Chaffey’s Student Success Centers provide free workshops, study groups, library and Internet research opportunities, focused learning activities, and tutoring to assist students in their academic development and success.

Multidisciplinary Centers are located at all Chaffey sites and are designed to serve students in all discipline areas. The Rancho Cucamonga campus also houses three discipline specific centers designed to help students with particular subject area courses and skills.

Locations, phone numbers, and hours are:

**Language Success Center, BEB-101**

- English: Reading and Writing  909/652-6820  
- ESL & Modern Languages  909/652-6907

**Math Success Center, MATH-121**

- Garrett Kenehan, Instructional Specialist  
  - Monday-Thursday: 8am-8pm  
  - Friday: 10am-4pm  
  - Sunday: 10am-3pm

**Multidisciplinary Success Center, INET**

- Monday-Thursday: 8am-8pm  
- Friday: 10am-4pm  
- Sunday: 10am-3pm

### SOC-25 Introduction to Chicano/Latino Studies 3.00 UNITS

**In the United States**

Survey of Chicano/Latino people in the United States, examining race, ethnicity, gender and sexuality, social class, history, politics, institutional discrimination, culture, migration and globalization, literature, and the arts.

Materials Fee: $3.00  
Transfer: CSU; UC  
Grading: Letter grade only

79190 B.Carpio  11:00am-2:30pm  MW  SS-110  
79191 J.Song  7:00pm-9:50pm  M  SS-108

### PRIORITY REGISTRATION

Effective Summer 2014, priority registration has been legally mandated for the following student groups:

- Eligible veterans, foster youth, active EOPS, DPS, and CalWorks students.

Per the Student Success Act of 2012, Senate Bill 1456, signed into law in September 2012.

See www.chaffey.edu/student-success for more info
## Spanish (SPAN)

(Also see Am Sign, Arabic, Chinese, & French)  909/652-6903

For help choosing the Spanish course that best meets your needs and current skill level, go to [http://www.chaffey.edu/spanish_placement](http://www.chaffey.edu/spanish_placement)

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**SPAN-1SS Spanish for Heritage Speakers I**  4.00 UNITS

Advisory: Ability to speak and comprehend Spanish.

Development of grammar, vocabulary, speech habits, writing, and reading for Spanish speakers through the context of Hispanic cultural and textual topics. Some reading required. Course is conducted in Spanish.

Materials Fee: $4.00  Transfer: CSU; UC.

Grading: Letter grade only

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**SPAN-2 Elementary Spanish II**  4.00 UNITS

Continuing language acquisition in a cultural context through listening, speaking, reading, and writing at the second semester level. Students continue to interact with authentic language in cultural context. Course corresponds to the second year of high school Spanish, and is not recommended for heritage (native) speakers of Spanish. Ten hours of supplemental learning in a Success Center that supports this course is required.

Materials Fee: $4.00  Transfer: CSU; UC.

Grading: Letter grade only

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**SPAN-2SS Spanish for Heritage Speakers II**  4.00 UNITS

Continued development of grammar, vocabulary, speech habits, writing, and reading for Spanish speakers through the context of Hispanic cultural and historical literature, texts and topics. Course is conducted in Spanish.

Materials Fee: $4.00  Transfer: CSU; UC.

Grading: Letter grade only

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**SPAN-3 Intermediate Spanish I**  4.00 UNITS

Prerequisite: SPAN-2SS or two years of high school Spanish.

Continued study of the Spanish language (all skills), with emphasis on grammar, composition, reading, and discussion in Spanish through Hispanic cultural and historical texts and topics. Ten hours of supplemental learning in a Success Center that supports this course is required.

Materials Fee: $4.00  Transfer: CSU; UC.

Grading: Letter grade only

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<td>2:00pm-3:50pm</td>
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**SPAN-4 Intermediate Spanish II**  4.00 UNITS

Prerequisite: SPAN-3.

Continued study of the Spanish language (all skills), with emphasis on grammar, composition, reading, and discussion in Spanish through Hispanic cultural and historical texts and topics. Ten hours of supplemental learning in a Success Center that supports this course is required.

Materials Fee: $4.00  Transfer: CSU; UC.

Grading: Letter grade only

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<td>T.Jenkins</td>
<td>2:00pm-3:50pm</td>
<td>TTH</td>
<td>LA-103</td>
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**SPAN-16 Spanish Composition**  3.00 UNITS

Prerequisite: SPAN-2SS or SPAN-3.

Writing in Spanish, including writing strategies as well as recognition and correction of errors. Focus on paragraph development using appropriate grammar, punctuation, tense, style, and complex sentences, with ultimate goal of writing an essay in Spanish.

Materials Fee: $3.00  Transfer: CSU; UC.

Grading: Letter grade only

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Additional sections of some classes may be available; check the Chino, Fontana, Ontario High School, and Hybrid/Online sections.
Theatre Arts (THEATRE)

THEATRE-1  Introduction to Theatre  3.00 UNITS
Advisory: Eligibility for ENGL-1A as determined by the Chaffey assessment process, or completion of ENGL-475 or ESL-475.
Elements of the production process including playwriting, acting, directing, design, and criticism. Survey of different periods, cultures, styles, and genres of theatre through play reading, discussion, films and viewing and critiquing live theatre. Attendance at theatre productions is a requirement of this course. (C-ID THTR 111)
Materials Fee: $3.00  Transfer: CSU; UC
Grading: Letter grade only
79811 K.Ford  3:30pm-6:20pm  T  CAA-218
(another section is at Chino)

THEATRE-2  Theatrical Dance  3.00 UNITS
Study of physical movement as it relates to the body on the stage, including movements commonly used in musical theatre, jazz, and modern dance techniques.
Materials Fee: $3.00  Transfer: CSU; UC
Grading: Letter grade only
79812 M.Jenkins  11:00am-12:20pm  MW  CAA-206

THEATRE-4  Theatre History: Ancient to 1700  3.00 UNITS
Advisory: Eligibility for ENGL-1A as determined by the Chaffey assessment process, or completion of ENGL-475 or ESL-475.
Study of theatre history from its origins through the 17th century, emphasizing the historical, philosophical, and sociological influences on its development. (C-ID THTR 113)
Materials Fee: $3.00  Transfer: CSU; UC
Grading: Letter grade only
79813 S.Biggs  11:00am-12:20pm  MW  CAA-218

THEATRE-5  Theatre History: 1700-Present  3.00 UNITS
Advisory: Eligibility for ENGL-1A as determined by the Chaffey assessment process, or completion of ENGL-475 or ESL-475.
Study of theatre history from the late 17th century through the present, emphasizing the historical, philosophical and sociological influences on its development.
Materials Fee: $3.00  Transfer: CSU; UC
Grading: Letter grade only
79816 K.Ford  9:30am-10:50am  MW  TA-10
(see below for more information)

THEATRE-10  Beginning Acting  3.00 UNITS
Advisory: Completion of THEATRE-10.
Advanced acting techniques applicable to stylized, classic and modern drama.
Materials Fee: $3.00  Transfer: CSU; UC
Grading: Letter grade only
79818 K.Ford  11:00am-12:20pm  MW  TA-10

THEATRE-20  Directing for the Stage I  3.00 UNITS
Advisory: Completion of THEATRE-10.
Fundamentals of play directing. Through a series of exercises, students demonstrate a knowledge of specific directing techniques and skills necessary to direct a contemporary play.
Materials Fee: $3.00  Transfer: CSU; UC
Grading: Letter grade only
79819 K.Slay  12:30pm-2:50pm  TTH  TA-05

THEATRE-30  Technical Theatre  3.00 UNITS
The theory and practice of stagecraft including construction techniques, painting properties, rigging, lighting, sound, and computer assisted set lighting and sound design. Course requires participation in scheduled college production(s). (C-ID THTR 171)
Materials Fee: $0.00  Transfer: CSU; UC
Grading: Letter grade only
79820 C.El-Said  9:30am-10:50am  MW  TA-10

THEATRE-35  Musical Theatre Performance  3.00 UNITS
Advisory: Completion of THEATRE-10.
Study of performance techniques in musical theatre. Emphasis on the integration of acting, singing, and movement techniques through a combination of group scenes and solo works.
Materials Fee: $3.00  Transfer: CSU; UC credit pending.
Grading: Letter grade only
79821 C.El-Said  10:00am-12:20pm  TTH  TA-05

Additional sections of some classes may be available; check the Chino, Fontana, Ontario High School, and Hybrid/Online sections.
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<td>SECT 79821; Fast-Track class; see pages 168-174 for more info.</td>
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<td>SECT 79824: Auditions for the rock musical Spring Awakening will be held in the theatre on the Rancho Cucamonga campus on Monday, 08/25 at 6:30pm. Instructor consent is required for registration into this class. Performances are set for 11/06, 11/07, 11/08, 11/14, 11/15, and 11/16.</td>
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<td>SECT 79825: Auditions for the rock musical Spring Awakening will be held in the theatre on the Rancho Cucamonga campus on Monday, 08/25 at 6:30pm. Instructor consent is required for registration into this class. Performances are set for 11/06, 11/07, 11/08, 11/14, 11/15, and 11/16.</td>
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Additional sections of some classes may be available; check the Chino, Fontana, Ontario High School, and Hybrid/Online sections.
ALL STUDENTS REGISTERED IN ONLINE AND/OR HYBRID COURSES MUST HAVE A CURRENT E-MAIL ADDRESS ON FILE IN CHAFFEYVIEW.

ARE YOU READY FOR DISTANCE EDUCATION LEARNING?
To learn more about Chaffey’s online and hybrid classes and to determine if your learning style is compatible with this type of learning, visit the Distance Education website at www.chaffey.edu/onlineed. To learn more about Moodle and some of the online tasks that might be required in online and hybrid courses, review the Moodle Student Quick Start Guide and/or the online videos and tutorials on the DE website. You are also encouraged to participate in the online orientation available the week prior to the start of each term’s classes. Access the orientation by going to www.chaffey.edu/onlineed and following the links to signing on to Moodle.

WHAT ARE THE TECHNICAL REQUIREMENTS?
Students considering an online or hybrid class should have easy and regular access to a personal computer with the following minimum capabilities:
• Access to the internet through DSL, cable, FIOS or other high speed connection
• Use of a major browser such as Microsoft Internet Explorer, Firefox, Google Chrome, or Safari
• Operating systems: Windows, Mac OSX Panther or Android
• An active e-mail account that permits attachments to be delivered and received
• Ability to view PowerPoint presentations
• Ability to view and create Word documents, or .rtf files

Some online classes may require the following:
• Ability to view iPod content (Quicktime)
• Ability to view streaming video

INFORMATION REGARDING REGISTRATION, THE WAITLIST/ADD PROCESS, INITIAL INSTRUCTOR CONTACT AND ONLINE ACCESS IS BELOW FOR HYBRID CLASSES AND ON PAGE 156 FOR ONLINE CLASSES

FALL 2014 HYBRID CLASSES
Beginning and ending dates are listed for all classes.
Class offerings – particularly instructor assignment – are subject to change without notice

<table>
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Students who add a hybrid class after instruction has begun will be able to access the online component of their class one to two business days after they have completed the registration process in MyChaffeyView.

Distance Education @ Chaffey College

Hybrid Classes: Hybrid classes are a combination of online and classroom instruction, with at least 50% of the instruction held in the classroom. All hybrid classes meet on-campus during the first week of the class, during which important information about the class – including access instructions for the online instruction – is provided. Students should check the schedule of classes for the designated date, times and location of the first week’s meeting and all subsequent on-campus meetings. Students in hybrid classes are expected to attend all class meetings as well as fully participate in the online portion of the instruction.

Art (ART)

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Materials Fee: $15.00
Transfer: CSU; UC
Grading: Letter grade only

Last day to add: 08/25/14
**Business: Management (BUSMGT)**

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<td>Last day to add: 08/25/14</td>
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**BUSMGT-45** Small Business Ownership and Management

Management concepts, functions, and skills applicable to work environments. Application of management theory to practices that improve effectiveness and efficiency, and enhance national and international competitiveness.

Materials Fee: $3.00  Transfer: CSU; UC
Grading: Letter grade only

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**Computer Information Systems: Core (CIS)**

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**CIS: Hardware and Support (CISHDSP)**

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**CIS: Internet and Web Development (CISIWEB)**

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**Economics (ECON)**

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**ECON-4** Principles of Microeconomics

Prerequisite: Eligibility for MATH-425 as determined by the Chaffey assessment process, or completion of MATH-410.
Advisory: Completion of MATH-425.
Study of the choices of individual economic decision-makers on markets, taxation, production, scarcity, competition, monopoly, and regulation. Effects of taxes on individuals and businesses; income distribution and poverty; economics of race, gender, and culture; and market failure.
Materials Fee: $3.00  Transfer: CSU; UC
Grading: Letter grade only

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Visit our website at www.chaffey.edu for application and registration information.
### English (ENGL)

**ENGL-1A Composition** 3.00 UNITS

*Prerequisite: Eligibility for ENGL-1A as determined by the Chaffey assessment process, or successful completion of ENGL-450, ENGL-475, ESL-450, ESL-475, or READ-550.*

Study and practice of expository and argumentative writing techniques. Frequent writing of compositions, with the ultimate goal of writing a research paper. A minimum of 6,000 written words is expected in the course. Three hours of supplemental learning in a Success Center that supports this course is required. (C-ID ENGL 100)

Materials Fee: $3.00  
Grading: Letter grade only  
NOTE: There may be in-class computer writing assignments. Keyboarding skills are recommended.

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**ENGL-475 Fundamentals of College Reading and Writing** 4.00 UNITS

*Prerequisite: Eligibility for ENGL-475 as determined by the Chaffey assessment process, or successful completion of ENGL-550 or 575, or READ-530, or BUSAD-455.*

Careful study and practice of critical thinking, reading, and expository writing techniques, using primarily nonfiction texts, and the frequent writing of compositions with the ultimate goal of writing an essay using sources. Preparation for English 1A and a variety of academic disciplines. Five hours of supplemental learning in a Success Center that supports this course are required.

Materials Fee: $0.00  
Grading: Letter grade only  
NOTE: There may be in-class computer writing assignments. Keyboarding skills are recommended.

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### History (HIST)

**HIST-1 World History: Pre-Civilization to 1500** 3.00 UNITS

*Prerequisite: Eligibility for ENGL-1A as determined by the Chaffey assessment process, or satisfactory completion of ENGL-450, ENGL-475, ESL-450, ESL-475, or READ-550.*

Comparative study of the world’s major civilizations from pre-history to 1500 in Eurasia, Africa, and the Americas. Similarities and differences between the civilizations and their influences on human history.

Materials Fee: $3.00  
Grading: Letter grade only

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### Mathematics (MATH)

**MATH-25 College Algebra** 4.00 UNITS

*Prerequisite: Eligibility for MATH-25 as determined by the Chaffey assessment process, or completion of MATH-425.*

Topics include solutions to higher degree polynomial equations; functions, polynomial, rational, inverse, etc..

Materials Fee: $4.00  
Grading: Letter grade only

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**MATH-425 Intermediate Algebra** 4.00 UNITS

*Prerequisite: Eligibility for MATH-425 as determined by the Chaffey assessment process, or completion of MATH-410.*

Review and extension of the concepts from Elementary Algebra. Topics include polynomial, radical, absolute value, exponential and logarithmic expressions, equations, and functions; linear and non-linear systems of equations and inequalities; quadratic equations; graphing of nonlinear functions; complex numbers; nonlinear single-variable inequalities; conic sections; sequences; series; and the Binomial Theorem.

Materials Fee: $4.00  
Grading: Letter grade only

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### Nutrition and Food (NF)

**NF-5 Nutrition for Life** 3.00 UNITS

Essentials of nutrition as they relate to diet, health and disease, risk reduction, stress, and nutritional deficiencies.

Materials Fee: $3.00  
Grading: Letter grade only

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**NF-15 Nutrition I: The Science of Nutrition** 3.00 UNITS

Introduction to the science of nutrition and its implications for human health, including essential nutrients, basic dietary guidelines, and changing nutritional needs throughout the lifecycle.

Materials Fee: $3.00  
Grading: Letter grade only

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Additional sections of many classes are available; check the Chino, Fontana, Ontario High School, and Rancho sections for additional offerings.
Photography (PHOTO)

PHOTO-7  Introduction to Digital Photography  4.00 UNITS
Instruction in the basic principles of digital photography, including digital printing. Student must furnish an adjustable DSLR (i.e. not a point-and-shoot model) digital camera.
Materials Fee: $4.00  Transfer: CSU; UC
Grading: Letter grade only

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PHOTO-9  Digital Imaging  4.00 UNITS
An introductory course in using computer imaging software such as Adobe Photoshop in photography and the digital arts. Class explores the creative potential of imaging software used by visual artists.
Materials Fee: $4.00  Transfer: CSU; UC
Grading: Letter grade only

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Reading
(See English)  909/652-7606

Sociology (SOC)

SOC-10  Introduction to Sociology  3.00 UNITS
Prerequisite: Eligibility for ENGL-1A as determined by the Chaffey assessment process, or completion of ENGL-475 or ESL-475.
Characteristics of social life. Processes of interaction, consequences of group membership, institutions of modern society, factors that perpetuate social inequality, and social change and globalization. (C-ID SOCI 110)
Materials Fee: $3.00  Transfer: CSU; UC
Grading: Letter grade only

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UNIT LIMIT
Effective Summer 2014, students exceeding 100 units earned (excluding 500-level courses) lose their registration priority.

Per California Community College state regulatory changes. See www.chaffey.edu/student-success for more info.

Spanish (SPAN)

SPAN-1SS  Spanish for Heritage Speakers I  4.00 UNITS
Advisory: Ability to speak and comprehend Spanish.
Development of grammar, vocabulary, speech habits, writing, and reading for Spanish speakers through the context of Hispanic cultural texts and topics. Some reading required. Course is conducted in Spanish.
Materials Fee: $4.00  Transfer: CSU; UC
Grading: Letter grade only

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DROPPING CLASSES
It is the student’s responsibility to drop classes. Students who do not drop classes by the published deadlines will be held accountable for payment of fees for those classes, even if they didn’t attend any class meetings.

NEED HELP WITH THE COST OF TEXTBOOKS?
Chaffey’s Emergency Book Grant and Textbook Rental programs can assist you. For details about the book grants, please call 909/652-6590 or 6593. For more info about the rental program, please call 909/652-6577.

Textbook vouchers are valid only at Chaffey College bookstores and are not accepted at commercial bookstores or websites.

Above programs funded by the Chaffey College Service Fee.

PRIORITY REGISTRATION
Effective Summer 2014, priority registration has been legally mandated for the following student groups:
Eligible veterans, foster youth, active EOPS, DPS, and CalWorks students.

Per the Student Success Act of 2012, Senate Bill 1456, signed into law in September 2012. See www.chaffey.edu/student-success for more info.
FALL 2014 ONLINE CLASSES

Beginning and ending dates are listed for all classes. Class offerings – particularly instructor assignment – are subject to change without notice.

ONLINE CLASSES
Online classes are attended exclusively on the internet; there are no campus meetings. However, some online classes do require specific dates or times for interactive internet class activities. Instructors provide details of these and other requirements in the course syllabus.

REGISTEERING FOR ONLINE CLASSES
Students register for online courses using the same registration process used for on-campus courses. See the Registration area for additional information.

ENROLLED STUDENTS
Students are officially enrolled in an online course when they have completed the online registration process on MyChaffeyVIEW or in person, and have a Chaffey Registration Receipt that indicates they have both registered and paid for the course.

ONLINE CLASS WAIT LISTS
The waitlist process for online classes is the same as it is for face-to-face classes; see page 11. Students wishing to add an online class after wait lists close should follow the Wait listed/Add Process below.

ONLINE CLASS WAIT LIST/ADD PROCESS
1. Add your name to the course wait list on MyChaffeyView. If the waitlist is closed, go to step 2.
2. Contact the instructor to let them know you would like to add the class, just as you would attend the first class meeting in a face-to-face class. To contact an Instructor:

- a. Go to the Current Course List on the Distance Education website.
- b. Find the class you have been waitlisted on or that you would like to add.
- c. Select the course section number link.
- d. Complete the Instructor Contact form.
- e. Submit the form. This will send an email with your contact information to the instructor.
- f. If the instructor is able to add you to the class, they will send you an email with an add code.

ONLINE CLASS CONTACT INFORMATION:
- Contact links are available for two weeks. They are made available after noon one week before the course start date, and will remain available through the first week of the class. Example: If the start date of the class is 08/18/14, the contact link will be available after noon on 08/11/14 and will remain available through 08/22/14, or until the instructor has received enough requests to fill the class.
- Once the class has started, the instructor will determine how many spaces are available and will respond via email to those students they are able to add. The email will contain an authorization code that is used in conjunction with the section code to add the class through MyChaffeyView.
- Instructors receive numerous requests to add and respond only to those students whom they are able to accommodate. So if you have requested to add an online class, and have not received an authorization code by the end of the first week of the class, you should make an alternate class selection.
- Students who add an online class after instruction has begun will be able to access it on Moodle one to two business days after they have completed the registration process in MyChaffeyView.

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ANTHRO-3  Introduction to Social and Cultural Anthropology

Advisory: Eligibility for ENGL-1A as determined by the Chaffey assessment process, or completion of ENGL-475 or ESL-475.

Introduction to how anthropologists do their work, employ professional anthropological research ethics, and apply their perspectives and skills to the understanding of humans around the globe.

Materials Fee: $0.00
Grading: Letter grade only
Transfer: CSU; UC
Materials Fee: $3.00
Grading: Letter grade only

BUS-88    Business Communication

Prerequisite: ENGL-1A.

Develop writing fluency, professional tone, and the use of proper grammar to produce clear, correct and logically-organized business communications, both written and oral.

Materials Fee: $3.00
Grading: Letter grade only
Transfer: CSU

Fall 2014/Spring 2015 Schedule of Classes
BUSOT-60A  Microsoft Office Word - Specialist 3.00 UNITS
Advisory: Completion of BUSOT-40A.
MS Word. Develop personal and workplace skills to build a foundation for other
Windows software applications. Customize and format academic papers, business reports, tables, columns, and graphics.
Materials Fee: $0.00
Grading: Letter grade only

BUSOT-61  Microsoft Office PowerPoint 1.50 UNITS
Advisory: Completion of BUSOT-40A and 60A.
Learn concepts, formatting features, and visual media/animation effects of a
presentation software program to create and share effective electronic presentations for support personnel and business managers.
Materials Fee: $0.00
Grading: Letter grade only

BUSOT-62  Microsoft Office Outlook 1.50 UNITS
Advisory: Completion of BUSOT-40A or a minimum typing speed of 20 words
per minute.
Electronic information management of e-mail; appointments; conferences, and
task scheduling; and integration of other software applications to manage work flow.
Materials Fee: $0.00
Grading: Letter grade only

BUSOT-63  MS Office Excel - Comprehensive 3.00 UNITS
Advisory: Completion of BUSOT-40A and 60A.
Use advanced formulas and features to create worksheets, including
spreadsheets, charts, pivot tables, IF functions, templates, and sorting and
filtering records.
Materials Fee: $0.00
Grading: Letter grade only

BUSOT-64A  Microsoft Office Access - Specialist 1.50 UNITS
Advisory: Completion of BUSOT-60A.
Create and use electronic databases and design queries, forms, and reports to
effectively display data records that can be used in making business decisions.
Materials Fee: $0.00
Grading: Letter grade only

BUSOT-64B  Microsoft Office Access - Expert 1.50 UNITS
Advisory: Completion of BUSOT-64A.
Mastery of core and advanced features of Access databases in working with
databases, tables, reports, forms, and queries, and integration with other
software.
Materials Fee: $0.00
Grading: Letter grade only

BUSOT-410A  Microsoft Office Publisher - Specialist 1.50 UNITS
Advisory: Completion of BUSOT-60A.
Desktop publishing application using MS Publisher. Introduction to concepts
for in-house publications such as brochures and flyers, newsletters, and
general advertisements.
Materials Fee: $0.00
Grading: Letter grade only

BUSOT-410B  Microsoft Office Publisher - Expert 1.50 UNITS
Advisory: Completion of BUSOT-410A.
Advanced desktop publishing features of MS Publisher. Emphasis on creating
style sheets and master pages, special effects, templates, scanned images, and
long documents.
Materials Fee: $0.00
Grading: Letter grade only

BUSOT-455  Fundamentals of English for Business 3.00 UNITS
Study, review, and practice of grammar, punctuation, vocabulary, and sentence
structure to prepare students for employment and college-level business
writing courses and for effective business communication skills.
Materials Fee: $0.00
Grading: Letter grade only

 Additional sections of many classes are available; check the Chino, Fontana, Ontario High School, and Rancho sections for additional offerings.
Computer Information Systems: Core (CIS)

CIS-1 Introduction to Computer Information Systems 3.00 UNITS
Principles and applications of computers including their role in business and society. Provides computer competency for Computer Information Systems majors and non-majors. (C-ID ITIS 120 and BUS 140)
Materials Fee: $0.00 Transfer: CSU; UC credit limitations.
Grading: Letter grade only

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CIS-68 Using the Internet 1.50 UNITS
Introduction to and use of the Internet. Topics include access, hardware, software, protocols, security, communication, file transfer, search tools, e-commerce, and other current Internet and Web technologies.
Materials Fee: $0.00 Transfer: CSU
Grading: Letter grade only

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CIS-431 Project Management for Information Technology 3.00 UNITS
Fundamentals of project management applied to the field of information technology using current project management software.
Materials Fee: $0.00 Grading: Letter grade only

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CIS: Internet and Web Development (CISIWEB)

CISIWEB-70 Creating Web Pages with HTML 1.50 UNITS
Advisory: Completion of CISIWEB-68.
Creation of HTML (Hypertext Markup Language) pages for the Web, including integration of links, formatting, graphics and multimedia, and tables.
Materials Fee: $0.00 Transfer: CSU
Grading: Letter grade only

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CISIWEB-410 WebMaster Tools 1.50 UNITS
Prerequisite: CISIWEB-70.
Tools used by the Webmaster to develop and administer an Intranet/Internet Website. Topics include advanced HTML/XHTML programming, JavaScript, Dynamic HTML, XML, Web Publishing, and the use of cascading Style Sheets (CSS) for formatting.
Materials Fee: $0.00
Grading: Letter grade only

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CISIWEB-423 Web Development: Dreamweaver 3.00 UNITS
Advisory: Completion of CISIWEB-70.
Principles of Web development using Macromedia Dreamweaver. Topics include the Dreamweaver interface, the object panel and other tools, HTML integration and editing, images, text, linking, lists, tables, tracing images, layers, frames, rollovers, Cascading Style Sheets (CSS), Dynamic HTML, forms, publishing, Fireworks, and Flash files.
Materials Fee: $0.00
Grading: Letter grade only

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Economics (ECON)

ECON-2 Principles of Macroeconomics 3.00 UNITS
Prerequisite: Eligibility for MATH-425 as determined by the Chaffey assessment process, or completion of MATH-410.
Advisory: Completion of MATH-425.
Study of market systems, aggregate measures of economic activity, macroeconomic equilibrium, money and financial institutions, monetary and fiscal policy, international economics, and economic growth.
Materials Fee: $0.00 Transfer: CSU; UC
Grading: Letter grade only

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Additional sections of many classes are available; check the Chino, Fontana, Ontario High School, and Rancho sections for additional offerings.
## English (ENGL)

### ENGL-1A Composition 3.00 UNITS

**Prerequisite:** Eligibility for ENGL-1A as determined by the Chaffey assessment process, or successful completion of ENGL-450, ENGL-475, ESL-450, ESL-475, or READ-550.

Study of practice of expository and argumentative writing techniques. Frequent writing of compositions, with the ultimate goal of writing a research paper. A minimum of 6,000 words is expected in the course. Three hours of supplemental learning in a Success Center that supports this course is required. (C-ID ENGL 100)

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### ENGL-1B Advanced Composition and Critical Thinking 3.00 UNITS

**Prerequisite:** ENGL-1A.

Students incorporate rhetorical strategies in analysis and researched argumentation. Focus on logical reasoning, credibility, and emotional appeals. Writing intensive with a minimum production of 6,000 words. (C-ID ENGL 105)

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### ENGL-1C Introduction to Literature 3.00 UNITS

**Prerequisite:** ENGL-1A.

Foundation course in the study of the literary genres: novel, short story, poetry, and drama. (C-ID ENGL 120)

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### Gerontology (GERO)

#### GERO-11 Introduction to Gerontology 3.00 UNITS

Interdisciplinary study of aging, aging services, community resources, careers in gerontology, ethical, legal, and policy issues. NOTE: Earns 54 hours of CE credit: RCFE, NHAP, BRN#00426, and BBS #2178.

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#### GERO-405 Resources and Services for Older Adults 2.00 UNITS

Provides students with skills needed to access community resources and services for older adults.

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#### HIST-1 World History: Pre-Civilization to 1500 3.00 UNITS

Prerequisite: Eligibility for ENGL-1A as determined by the Chaffey assessment process, or satisfactory completion of ENGL-450, ENGL-475, ESL-450, ESL-475, or READ-550.

Comparative study of the world’s major civilizations from pre-history to 1500 in Eurasia, Africa, and the Americas. Similarities and differences between the civilizations and their influences on human history.

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#### HIST-2 World History: 1500 to Present 3.00 UNITS

Prerequisite: Eligibility for ENGL-1A as determined by the Chaffey assessment process, or satisfactory completion of ENGL-450, ENGL-475, ESL-450, ESL-475, or READ-550.

Cross-cultural study of the world’s major civilizations since 1500. Understanding the causes of the Rise of the West, the reaction of the non-Western world, and the ongoing dynamic of the 'West versus the Rest' dialectic.

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Kinesiology: Lecture (KINLEC)  

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KINLEC-15  Diet and Fitness  3.00 UNITS
A lifestyle approach to fitness, including the study of nutrition, disease prevention, increased cardiovascular endurance, increased strength, flexibility, stress management, and considerations of aging on the body.
Materials Fee: $0.00  
Grading: Letter grade only

81491 R.Baiz 08/18/14-12/19/14 Last day to add: 08/25/14
81492 R.Baiz 08/18/14-12/19/14 Last day to add: 08/25/14
81493 R.Baiz 08/18/14-12/19/14 Last day to add: 08/25/14
81494 R.Baiz 08/18/14-12/19/14 Last day to add: 08/25/14
81500 A.Henry 08/18/14-12/19/14 Last day to add: 08/25/14
81501 A.Henry 08/18/14-12/19/14 Last day to add: 08/25/14
81502 A.Henry 08/18/14-12/19/14 Last day to add: 08/25/14
81503 A.Henry 08/18/14-12/19/14 Last day to add: 08/25/14

FEE REFUNDS
Refunds of $20 or more are automatically processed. Refunds of less than $20 must be requested prior to the end of the semester.
See page 14 for more information on the refund policy and processes.

Additional sections of many classes are available; check the Chino, Fontana, Ontario High School, and Rancho sections for additional offerings.

KINLEC-18  Introduction to Kinesiology  3.00 UNITS
Introduction to an interdisciplinary approach to the study of human movement. An overview of the importance of the sub-disciplines in kinesiology is discussed, along with career opportunities in the areas of teaching, coaching, allied health, and fitness professions.
Materials Fee: $0.00  
Grading: Letter grade only

81579 V.Greer 08/18/14-12/19/14 Last day to add: 08/25/14

NURSING: Vocational (NURVN)  

NURVN-401  Foundations of Vocational Nursing Practice  2.00 UNITS
Advisory: Completion of ENGL-1A, and eligibility for MATH-410 as determined by the Chaffey assessment process or completion of MATH-520. The health care delivery system and role of the vocational nurse as a member of the health care team. Policies and expectations of the VN program and exploration of strategies for successful program completion.
Materials Fee: $0.00  
Grading: Letter grade only

80840 S.Eckvahl 08/18/14-12/19/14 Last day to add: 08/25/14

PHILOSOPHY (PHIL)  

PHIL-70  Introduction to Philosophy  3.00 UNITS
Prerequisite: Eligibility for ENGL-1A as determined by the Chaffey assessment process, or satisfactory completion of ENGL-450 or ENGL-475, or ESL-450 or ESL-475.
Introduction to the questions and ideas of major philosophers. Topics include knowledge (epistemology); reality (metaphysics); values, aesthetics, and religion (axiology), and social/political influences. (C-ID PHIL 100)
Materials Fee: $0.00  
Grading: Letter grade only

79316 R.Vitt 08/18/14-12/19/14 Last day to add: 08/25/14
79317 D.Kern 08/18/14-12/19/14 Last day to add: 08/25/14

PHIL-76  Critical Thinking  3.00 UNITS
Prerequisite: ENGL-1A.
Argument and reasoning in the investigation of claims, including inductive and deductive reasoning, distinguishing fact from opinion and belief from knowledge, and identifying formal and informal fallacies.
Materials Fee: $0.00  
Grading: Letter grade only

79332 D.Kern 08/18/14-12/19/14 Last day to add: 08/25/14
79333 R.Vitt 08/18/14-12/19/14 Last day to add: 08/25/14
Political Science (PS)

**PSYCH-1**  Introduction to Psychology  3.00 UNITS
Advisory: Completion of ENGL-1A, or completion of ENGL-475 or ESL-475.
Survey of psychology, including research methods, history and systems, 
life-span, perception, learning and memory, cognition, psychological disorders and treatment, social behavior, and brain mechanisms. (C-ID PSY 110)
Materials Fee: $0.00  Transfer: CSU; UC
Grading: Letter grade only

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PSYCH-25  Developmental Psychology: Lifespan  3.00 UNITS
Development
Study of human development from conception through old age with particular emphasis on biological and environmental influences. (C-ID PSY 180)
Materials Fee: $0.00  Transfer: CSU; UC
Grading: Letter grade only

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Psychology (PSYCH)

**PSYCH-41**  Biological Psychology  3.00 UNITS
Prerequisite: PSYCH-1.
Study of the biological basis of behavior including basic neuroanatomy and neurophysiology as applicable to movement, sensation, perception, learning, memory, emotion, psychological disorders, language, and consciousness. (C-ID PSY 150)
Materials Fee: $0.00  Transfer: CSU; UC
Grading: Letter grade only

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**Reading**
(See English)

Social Science (SCSCI)

**SCSCI-17**  Human Sexuality  3.00 UNITS
Advisory: Completion of one or more behavioral science courses.
Exploration of the biological, psychological, and social aspects of human sexuality. Nurses earn 54 hours of CE credit: BRN #00426.
Materials Fee: $0.00  Transfer: CSU; UC
Grading: Letter grade only

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Sociology (SOC)

**SOC-10**  Introduction to Sociology  3.00 UNITS
Prerequisite: Eligibility for ENGL-1A as determined by the Chaffey assessment process, or completion of ENGL-475 or ESL-475.
Characteristics of social life. Processes of interaction, consequences of group membership, institutions of modern society, factors that perpetuate social inequality, and social change and globalization. (C-ID SOCI 110)
Materials Fee: $0.00  Transfer: CSU; UC
Grading: Letter grade only

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**SOC-16**  Marriage, Family, and Relationships  3.00 UNITS
Advisory: Eligibility for ENGL-1A as determined by the Chaffey assessment process, or completion of ENGL-475 or ESL-475.
Cross-cultural, social class, gender, and ethnic variation in marriages, families, and relationships. Emphasis on the application of theories, research, and social factors. (C-ID SOCI 130)
Materials Fee: $0.00  Transfer: CSU; UC
Grading: Letter grade only

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California Institute for Women at Chino (CIW)

Offerings below are self-paced video presentations for CIW students. Registration is restricted to those students.

**ACCTG-1A  Financial Accounting  4.00 UNITS**
Advisory: Completion of CIS-1 or BUSOT-63.
Development and communication of financial information that is useful to investors, creditors, and other decision-makers. Includes the accounting environment, accounting cycle, generally accepted accounting principles, ethics, financial statements, operating, investing, and financing activities.
Materials Fee: $0.00  
Grading: Letter grade only  
Transfer: CSU; UC

81054 C.Dickerson  Arranged hours  CIW

**ENGL-1B  Advanced Composition and Critical Thinking  3.00 UNITS**
Prerequisite: ENGL-1A.
Students incorporate rhetorical strategies in analysis and researched argumentation. Focus on logical reasoning, credibility, and emotional appeals. Writing intensive with a minimum production of 6,000 words. (C-ID ENGL 105)
Materials Fee: $0.00  
Grading: Letter grade only  
Transfer: CSU; UC

80320 D.Keener  Arranged hours  CIW

**HIST-18  United States History From 1865  3.00 UNITS**
Prerequisite: Eligibility for ENGL-1A as determined by the Chaffey assessment process, or satisfactory completion of ENGL-450, ENGL-475, ESL-450, ESL-475, or READ-550.
Development of the United States from the Reconstruction Era through the present. Satisfies the CSU requirement in American history.
Materials Fee: $0.00  
Grading: Letter grade only  
Transfer: CSU; UC

79251 M.Wilson  Arranged hours  CIW

**MATH-425  Intermediate Algebra  4.00 UNITS**
Prerequisite: Eligibility for MATH-425 as determined by the Chaffey assessment process, or completion of MATH-410.
Review and extension of the concepts from Elementary Algebra. Topics include polynomial, radical, absolute value, exponential and logarithmic expressions, equations, and functions; linear and non-linear systems of equations and inequalities; quadratic equations; graphing of nonlinear functions; complex numbers; nonlinear single-variable inequalities; conic sections; sequences; series; and the Binomial Theorem.
Materials Fee: $0.00  
Grading: Letter grade only

82007 J.Brouwer  Arranged hours  CIW

**PREFERRED ENROLLMENT**
NEW AND RETURNING STUDENTS: To receive a preferred registration date, you must complete the following actions:
- Fill-out and submit a Chaffey College application
- Attend an orientation session
- Take the Assessment test(s)
- Create an Educational Plan with a counselor

CONTINUING STUDENTS: To maintain your preferred registration and financial aid eligibility, you must:
- Remain in Good Academic Standing (2.0 GPA or above)
- Not have exceeded 100 units earned (excluding 500-level courses)

Per the Student Success Act of 2012, Senate Bill 1456, signed into law in September 2012. See www.chaffey.edu/student-success for more info.

**UNIT LIMIT**
Effective Summer 2014, students exceeding 100 units earned (excluding 500-level courses) lose their registration priority.
Per California Community College state regulatory changes. See www.chaffey.edu/student-success for more info.

**FEE PAYMENTS**
Students receiving Financial Aid, 3rd party sponsored billing, and students enrolled in the Facts Payment plan (see www.chaffey.edu/cashier/facts.shtml) will not be dropped from their classes for non-payment.
For everyone else, payment is due not more than 10 calendar days from the date of registration (including holidays and weekends).
For more detailed information, see the Payment Deadline information on pages 12-15 and Payment Date Due Chart on page 16.