### Accounting (ACCTG)

#### ACCTG-1A  Financial Accounting  4.00 UNITS

Advisory: Completion of BUSOT-63 or CIS-1.

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. (C-ID ACCT 110)

Materials Fee: $0.00

Transfer: CSU; UC

Grading: Letter grade only

- **91448** Y.Kirkpatrick  8:00am-9:50am  M  BE-105
- **91449** and Online hours  INET
- **91452** P.Worsham  8:00am-9:50am  W  BE-105
- **91453**  OSECT 91448: Hybrid class; see page 159 for more info.
- **91464** C.Dickerson  8:00am-9:50am  MW  BE-102
- **91465** V.Turner  8:00am-9:50am  TTH  BE-102
- **91567** C.Dickerson  10:00am-12:15pm  MTWTH  BE-102
- **91568** S.Allen  2:00pm-3:50pm  MW  BE-102
- **91567** C.Dickerson  10:00am-12:15pm  MTWTH  BE-102
- **91569** M.Sharifi-Mahzoon  3:00pm-6:50pm  SU  BE-102
- **91570** STAFF  12:30pm-2:20pm  TTH  BE-102
- **91571** STAFF  10:00am-11:50am  MW  BE-102
- **91448** Y.Kirkpatrick  8:00am-9:50am  TTH  BE-102
- **91452** P.Worsham  8:00am-9:50am  BE-105
- **91453** and Online hours  INET
- **91452** Report last day to add: 08/22/16
- **91452** SECT 91448: Hybrid class; see page 159 for more info.

#### 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 decision-making. (C-ID ACCT 120)

Materials Fee: $0.00

Transfer: CSU; UC

Grading: Letter grade only

- **91452** P.Worsham  8:00am-9:50am  W  BE-105
- **91453** and Online hours  INET
- **91452** Report last day to add: 08/22/16
- **91452** SECT 91452: Hybrid class; see page 159 for more info.
- **91478** STAFF  9:00am-10:50am  TTH  BE-103
- **91572** C.Dickerson  10:00am-12:15pm  MTWTH  BE-102
- **91448** Y.Kirkpatrick  8:00am-9:50am  TTH  BE-102
- **91452** P.Worsham  8:00am-9:50am  BE-105
- **91453** and Online hours  INET
- **91452** Report last day to add: 08/22/16
- **91452** SECT 91452: Hybrid class; see page 159 for more info.

### Additional Information

- Additional sections of some classes may be available; check the Chino, Fontana, and Hybrid/Online sections.
- Class offerings, particularly instructor assignment, are subject to change without notice.
**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](http://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 page 17.

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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: $0.00
Grading: Letter grade only

91415 P. Hartley 7:00pm-9:50pm TH BE-113

**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: $0.00
Grading: Letter grade only

91421 P. Hartley 7:00pm-9:50pm M BE-102

**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: $0.00
Grading: Letter grade only

91426 M. Snow 7:00pm-9:50pm T BE-108

**ACCTGFS**

909/652-6830

**ACCTGFS-442** Fundamentals of Finance and Investing 3.00 UNITS
Introduction to finance theory and its application to investment decisions involving stocks, bonds, mutual funds, government securities, options, and real estate. Materials Fee: $0.00
Grading: Letter grade only

91428 M. Farid Nejad 7:00pm-9:50pm W BE-103

**ACCTGFS-453** U.S. and California Income Tax Preparation 4.00 UNITS
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: $0.00
Grading: Letter grade only

91292 B. Gray 6:00pm-9:50pm T BE-102

**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: $0.00
Grading: Letter grade only

91430 V. Turner 7:00pm-9:50pm W BE-102

**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: $0.00
Grading: Letter grade only

89882 B. Aschenbrenner 9:30am-10:50am TTH SS-103
89887 B. Aschenbrenner 11:00am-12:20pm TTH SS-103
89891 STAFF 2:00pm-3:20pm TTH CD-124A
89900 R. Price 3:00pm-6:30pm MW SS-103

08/15/16-10/05/16 Last day to add: 08/19/16
SECT 89900: Fast-track class; see pages 175-181 for more info.
89895 A. Rosales 3:30pm-4:50pm TTH SS-103

(more sections online and at Chino)

**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: $0.00
Grading: Letter grade only

89933 R. Price 3:00pm-6:30pm MW SS-103

10/17/16-12/05/16 Last day to add: 10/21/16
SECT 89933: Fast-track class; see pages 175-181 for more info.

(more sections at Chino and Fontana)

Visit our website at [www.chaffey.edu](http://www.chaffey.edu) for application and registration information.
<table>
<thead>
<tr>
<th>SECTION #</th>
<th>INSTRUCTOR</th>
<th>HOURS</th>
<th>DAYS</th>
<th>ROOM</th>
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</thead>
<tbody>
<tr>
<td>AJ-3</td>
<td>Criminal Court Process System</td>
<td>3.00 UNITS</td>
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<tr>
<td>Prerequisite: AJ-1.</td>
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<tr>
<td>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 AJ122)</td>
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<td>Materials Fee: $0.00</td>
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<td>Grading: Letter grade only</td>
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<tr>
<td>89961 K.Schmauss</td>
<td>7:00pm-9:50pm</td>
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<td>SS-103</td>
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AJ-4 Community-Based Problem Solving and The Justice System

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 AJ160)

Materials Fee: $0.00
Grading: Letter grade only

89991 S.Van Leeuwen 7:00pm-9:50pm M SS-103

American Sign Language (ASL)

(Also see Arabic, Chinese, French, and Spanish) 909/652-6903

AJ-5 Legal Aspects of Evidence

Prerequisite: AJ-1.

Origin, development, philosophy, and the constitutional basis of evidence; constitutional and procedural considerations affecting arrest, search, and seizure; and the rules governing admissibility of evidence. (C-ID AJ 124)

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

90007 M.Buckhannon 7:00pm-9:50pm TH SS-103

AJ-6 Juvenile Procedures

Advisory: Completion of AJ-1.

Organization, functions, and jurisdiction of juvenile agencies, including investigation, arrest, interrogation, processing, detention, case disposition, statutes, probation, and court procedures. (C-ID AJ 220)

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

90018 R.Weatherford 8:00am-9:20am TTH SS-103
90010 J.Cabral 3:30pm-4:50pm MW SS-100

AJ-9 Crime Scene Management and Forensic Evidence

Prerequisite: AJ-1.

An introduction to the role of forensics in criminal investigations including methods utilized in the forensic analysis of crime scenes, pattern evidence, instruments, firearms, questioned documents and controlled substances. (C-ID AJ 150)

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

90027 C.Cano 11:00am-12:20pm MW SS-103
90028 J.Seror 7:00pm-9:50pm T SS-100

AJ-410 Narcotics and Vice Investigation

Vice control (gambling, prostitution, sex crimes, alcohol, etc.) and the identification of narcotic and dangerous drug use. Detection, suppression, arrests, prosecution, and offenses as stipulated in the California codes.

Materials Fee: $0.00
Grading: Letter grade only

89991 S.Van Leeuwen 7:00pm-9:50pm M SS-103

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
### ASL-3 Intermediate American Sign Language 4.00 UNITS  
**Prerequisite:** ASL-2 or two years of high school ASL.  
Continued study ASL structure, vocabulary, conversational strategies, grammar, idiomatic constructions, Deaf culture/history, and the Deaf community. Ten hours of supplemental learning in a Success Center that supports this course is required.  
Materials Fee: $4.00  
Grading: Letter grade only

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<tbody>
<tr>
<td>90130 C.Lively</td>
<td>10:00am-11:50am</td>
<td>TTH</td>
<td>LA-102</td>
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</tbody>
</table>

### 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 gain an overview of historical and contemporary issues and people in the Deaf community. Course introduces students to the wide variety of issues involved in Deaf Studies, including linguistics, education, sociology, psychology, and interpreting.  
Materials Fee: $4.00  
Grading: Letter grade only

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</table>

### Anthropology (ANTHRO) 909/652-6253

#### 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. (C-ID ANTH 110)  
Materials Fee: $0.00  
Grading: Letter grade only

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<td>90060 M.Meyer</td>
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<tr>
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<td>90185 M.Fong</td>
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<td>BL-107</td>
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<td>90038 W.Nielson</td>
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<td>BL-107</td>
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<tr>
<td>90200 A.Yefremian</td>
<td>1:00pm-4:00pm</td>
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<td>DL-101</td>
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#### ANTHRO-2 Introduction to Archaeology 3.00 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. (C-ID ANTH 115L)  
Materials Fee: $0.00  
Grading: Letter grade only

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<td>90221 B.Wong</td>
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<tr>
<td>90219 D.Keithly</td>
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<td>90223 B.Wong</td>
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<tr>
<td>90217 D.Jacobsen</td>
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<td>90219 D.Keithly</td>
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**Priority Registration**

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 information.
**ANTHRO-3** Introduction to Social and Cultural 3.00 UNITS

**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. (C-ID ANTH 120)

Materials Fee: $0.00

Grading: Letter grade only

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<tr>
<td>90140 C.Farrand</td>
<td>3:30pm-6:20pm</td>
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<td>CAA-210</td>
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<tr>
<td>90140 A.Batongmalaque</td>
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<tr>
<td>90140 STAFF</td>
<td>9:30am-12:20pm</td>
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<td>CAA-210</td>
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</table>

**ARABIC-3** Intermediate Modern Standard 4.00 UNITS

**Arabic**

Prerequisite: ARABIC-2 or two years of high school Arabic.

Review of basic Arabic grammar with an introduction to more complex sentence structures and verb tenses. Students use Modern Standard Arabic at an intermediate level in speaking, listening, reading, and writing. Includes intermediate uses of Modern Standard Arabic alphabet, conversation strategies, and cultural interactions. Arabic cultural norms, values, and customs are explored and serve as a basis for additional skill-building practice. Ten hours of supplemental learning in a Success Center that supports this course is required.

Materials Fee: $4.00

Grading: Letter grade only

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<td>90541 Z.Rafei</td>
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**ART-10** Fundamentals of Design in Two Dimensions 4.00 UNITS

**Art (ART)**

(Also see Art History) 909/652-6066

In-depth introduction to the visual elements of two-dimensional art composition including line, shape, texture, value, color theory, and spatial illusion. (C-ID ARTS 100)

Materials Fee: $4.00

Grading: Letter grade only

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**ARTICULATION:**

**Architecture**

(See Drafting)

| SECT 90138: Hybrid class; see page 159 for more info. | 08/15/16-12/16/16 | Last day to add: 08/22/16 |
| SECT 90139: Hybrid class; see page 159 for more info. | 10/15/16-11/26/16 | Last day to add: 10/26/16 |

**ARABIC (ARABIC)**

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

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

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

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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**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.

**LOCATIONS:**

Chino GPS Center 909-652-8120 CHMB #240
Fontana GPS Center 909-652-7460 FNFC #121
Rancho GPS Center 909-652-6466 VSS #111

Additional sections of some classes may be available; check the Chino, Fontana, and Hybrid/Online sections.
<table>
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<tr>
<td>ART-12</td>
<td>Fundamentals of Design in Three Dimensions</td>
<td>4.00 UNITS</td>
<td>TTH</td>
<td>CAC-105</td>
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<td>Advisory: Completion of ART-10.</td>
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<td>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. (C-ID ARTS 101)</td>
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<tr>
<td>90144 M. Burruel</td>
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<td>ART-14</td>
<td>Introduction to Drawing</td>
<td>3.00 UNITS</td>
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<td>Introduction to freehand drawing from direct observation using a variety of black-and-white media. (C-ID ARTS 110)</td>
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<td></td>
<td>Materials Fee: $4.00</td>
<td>Transfer: CSU; UC</td>
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<td>Grading: Letter grade only</td>
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</tr>
<tr>
<td>90149 P. Lewis</td>
<td>9:30am-12:20pm</td>
<td>MW</td>
<td>CAB-102</td>
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</tr>
<tr>
<td>90150 C. Balent</td>
<td>9:30am-12:20pm</td>
<td>TTH</td>
<td>CAB-102</td>
<td></td>
</tr>
<tr>
<td>90151 S. Maing</td>
<td>12:30pm-3:20pm</td>
<td>MW</td>
<td>CAB-102</td>
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<tr>
<td>90152 J. Rochlin</td>
<td>12:30pm-3:20pm</td>
<td>TTH</td>
<td>CAB-102</td>
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<tr>
<td>90153 R. Iadeavia</td>
<td>3:30pm-6:20pm</td>
<td>MW</td>
<td>CAB-102</td>
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<tr>
<td>90154 J. Cline</td>
<td>3:30pm-6:20pm</td>
<td>TTH</td>
<td>CAB-102</td>
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<td>90155 O. Sutter</td>
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<tr>
<td>90156 C. Trueman</td>
<td>6:30pm-9:20pm</td>
<td>TTH</td>
<td>CAB-102</td>
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<tr>
<td>(more sections at Fontana)</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>ART-15</td>
<td>Color Theory</td>
<td>3.00 UNITS</td>
<td>TTH</td>
<td>CAC-107</td>
</tr>
<tr>
<td></td>
<td>Principles, theories, and applications of additive and subtractive color in two dimensions. Topics include major historical and contemporary color systems, production of projects in applied color, and the elements of design as they apply to color. (C-ID ARTS 270)</td>
<td></td>
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<td></td>
<td>Materials Fee: $4.00</td>
<td>Transfer: CSU; UC</td>
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<td>Grading: Letter grade only</td>
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<tr>
<td>90166 C. Farrand</td>
<td>12:30pm-3:20pm</td>
<td>TTH</td>
<td>CAC-105</td>
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<tr>
<td>90167 C. Farrand</td>
<td>3:30pm-6:20pm</td>
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<tr>
<td>ART-16</td>
<td>Introduction to Painting</td>
<td>3.00 UNITS</td>
<td>TTH</td>
<td>CAC-107</td>
</tr>
<tr>
<td></td>
<td>Prerequisite: ART-10 or ART-14.</td>
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<tr>
<td></td>
<td>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.</td>
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</tr>
<tr>
<td></td>
<td>Materials Fee: $4.00</td>
<td>Transfer: CSU; UC</td>
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<td>Grading: Letter grade only</td>
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<tr>
<td>ART-18</td>
<td>Introduction to Ceramics</td>
<td>3.00 UNITS</td>
<td>MW</td>
<td>CAC-107</td>
</tr>
<tr>
<td></td>
<td>Introduction to the materials, tools, and processes used in making pottery and other ceramic art.</td>
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</tr>
<tr>
<td></td>
<td>Materials Fee: $4.00</td>
<td>Transfer: CSU; UC</td>
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<td>Grading: Letter grade only</td>
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<tr>
<td>90088 S. Hunter</td>
<td>9:30am-12:20pm</td>
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<tr>
<td>90100 STAFF</td>
<td>9:30am-3:20pm</td>
<td>S</td>
<td>CAC-107</td>
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<tr>
<td>90094 B. Kohl</td>
<td>2:00pm-4:50pm</td>
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<td>CAC-107</td>
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<td>90091 D. Ross</td>
<td>7:00pm-9:50pm</td>
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<td>CAC-107</td>
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<tr>
<td>90097 B. Bosworth</td>
<td>7:00pm-9:50pm</td>
<td>TTH</td>
<td>CAC-107</td>
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</tbody>
</table>

**ART-20 Ceramic Sculpture**

- **4.00 UNITS**
- Introduction to three-dimensional (3D) design, sculptural processes, concepts, and materials with the emphasis on clay.
- Materials Fee: $5.00
- Transfer: CSU; UC
- Grading: Letter grade only

**ART-30 Figure Drawing**

- **3.00 UNITS**
- Advisory: Completion of ART-14.
- Drawing the human form from the model with an emphasis on structure, anatomy, and its expressive potential. (C-ID ARTS 200)
- Materials Fee: $4.00
- Transfer: CSU; UC
- Grading: Letter grade only

**ART-32 Intermediate Drawing**

- **4.00 UNITS**
- Prerequisite: ART-14.
- Artistic concepts, styles, and creative expression related to intermediate-level drawing. Focus on complex subject matter and concepts using a variety of color media, techniques, and methodologies. Students are encouraged to develop work for a portfolio. (C-ID ARTS 205)
- Materials Fee: $4.00
- Transfer: CSU; UC
- Grading: Letter grade only

**ART-35 Intermediate Ceramics**

- **3.00 UNITS**
- Prerequisite: ART-18.
- 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.
- Materials Fee: $4.00
- Transfer: CSU; UC
- Grading: Letter grade only

**ART-40 Advanced Ceramics**

- **3.00 UNITS**
- Prerequisite: ART-35.
- Advanced use of the potter's wheel and off-wheel construction methods. Attention is given towards the development of a personal aesthetic and conceptual focus.
- Materials Fee: $14.00
- Transfer: CSU; UC
- Grading: Letter grade only

**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 15 for more information on the refund policy and processes.
## Art History (ARTH)

*(Also see Art)*

<table>
<thead>
<tr>
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### ARTH-1 Contemporary Art: 1945-Present 3.00 UNITS

*Advisory: Completion of ENGL-1A.*

Historical survey of the diverse artistic movements from the end of WWII to the present, tracing the discourse of late modernism to postmodernism.

- Materials Fee: $2.00
- Transfer: CSU; UC
- Grading: Letter grade only

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<tr>
<td>90046 L.Ming</td>
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<td>TTH</td>
<td>CAA-211</td>
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(Another section at Fontana)

### ARTH-3 Survey of Western Art From Prehistory Through the Middle Ages 3.00 UNITS

*Advisory: Completion of ENGL-1A.*

Survey of the architecture, sculpture, and painting of past cultures from the ancient beginnings of art of the Western World through the Medieval period.

(C-ID ARTH 110)

- Materials Fee: $1.00
- Transfer: CSU; UC
- Grading: Letter grade only

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<td>90053 L.Ming</td>
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<tr>
<td>90050 L.Ming</td>
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<td>TTH</td>
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(more sections online and at Chino)

### ARTH-5 Survey of Western Art from Renaissance To Contemporary 3.00 UNITS

*Advisory: Completion of ENGL-1A.*

Survey of the architecture, sculpture, and art of past cultures of the Western World from the Renaissance through the Modern period. (C-ID ARTH 120)

- Materials Fee: $1.00
- Transfer: CSU; UC
- Grading: Letter grade only

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<td>90059 A.Tchalian</td>
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<td>90058 D.Plouffe</td>
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<td>M</td>
<td>CAA-211</td>
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### ARTH-11 Survey of Asian Arts 3.00 UNITS

*Advisory: Completion of ENGL-1A.*

Historical survey of the art, architecture, religion, and history of India, south and southeast Asia, China, Korea, and Japan from prehistory to modern times. (C-ID ARTH 130)

- Materials Fee: $1.00
- Transfer: CSU; UC
- Grading: Letter grade only

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### 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.

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

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**Fall 2016 Schedule of Classes**

94
### Astronomy (ASTRON)

**ASTRON-26 Stars and Galaxies** 3.00 UNITS  
Advisory: Completion of MATH-410.  
Overview of the universe beyond our solar system. Materials Fee: $2.00. Grading: Letter grade only  
<table>
<thead>
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<tbody>
<tr>
<td>90349</td>
<td>STAFF</td>
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<td>90350</td>
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<td>2:00pm-4:50pm</td>
<td>MW</td>
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</tr>
<tr>
<td>90351</td>
<td>STAFF</td>
<td>12:30pm-3:20pm</td>
<td>TTH</td>
<td>PS-100</td>
</tr>
</tbody>
</table>

**ASTRON-35 Planets and the Solar System With Lab 4.00 UNITS**  
Advisory: Completion of MATH-410. Overview of the solar system, including planets, moons, and other bodies within solar systems. Course includes laboratory activities. Materials Fee: $3.00. Grading: Letter grade only  
<table>
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<tr>
<td>90246</td>
<td>J.Eisberg</td>
<td>8:15am-11:45am</td>
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<tr>
<td>90247</td>
<td>J.Eisberg</td>
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<td>MTWTH</td>
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<td>7:00pm-9:50pm</td>
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### 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: $0.00. Grading: Letter grade only  
<table>
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<th>HOURS</th>
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<tr>
<td>91424</td>
<td>M.Sheldon</td>
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<td>ATL-121</td>
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<tr>
<td>91429</td>
<td>J.Polidano</td>
<td>9:00am-3:00pm</td>
<td>S</td>
<td>ATL-121</td>
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<tr>
<td>91425</td>
<td>T.Bender</td>
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<td>ATL-121</td>
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<tr>
<td>91427</td>
<td>V.Martinez</td>
<td>7:00pm-9:50pm</td>
<td>MW</td>
<td>ATL-115</td>
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</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: $0.00. Grading: Letter grade only  
<table>
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<td>91432</td>
<td>V.Martinez</td>
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<td>ATL-109A</td>
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<td>91434</td>
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<td>6:00pm-9:00pm</td>
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<td>ATL-109A</td>
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**AUTOTEC-18 Suspension and Steering Systems** 4.00 UNITS  
Advisory: Completion of AUTOTEC-10 and 15. Operation, diagnosis, and repair of steering and suspension systems, including wheel and tire service, and two- and four-wheel alignments. Supports the ASE A4 Exam. Materials Fee: $0.00. Grading: Letter grade only  
<table>
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**AUTOTEC-22 Fuel, Ignition, and Emission Control** 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: $0.00. Grading: Letter grade only  
<table>
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**AUTOTEC-29 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: $0.00. Grading: Letter grade only  
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**AUTOTEC-30 Engine Rebuilding - Upper Engine** 5.00 UNITS  
Provides the knowledge and skills needed by automotive machinists. Reconditioning of automotive engines, including inspection, measuring, machining and construction of cylinder head assemblies. Supports ASE A1. Materials Fee: $0.00. Grading: Letter grade only  
<table>
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<td>91446</td>
<td>S.Taylor</td>
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<td>AERO-03</td>
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**AUTOTEC-450 General Automotive Technician A** 12.00 UNITS  
For students who want the training required for employment as an automotive service technician. Content is similar to Auto Service and Repair; Brakes; and Steering and Suspension. Supports ASEs A4 and A5. Materials Fee: $0.00. Grading: Letter grade only  
<table>
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<th>ROOM</th>
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<tr>
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<td>J.Osburn</td>
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<td>MTWTH</td>
<td>ATL-115</td>
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Additional sections of some classes may be available; check the Chino, Fontana, and Hybrid/Online sections.
AVIATION MAINTENANCE ENTRY INFORMATION
Visit Chaffey’s AMT web page at www.chaffey.edu/bat/aviation for information regarding the steps required prior to entry into the AMT program. Informational AMT flyers are also available in the Counseling department.

AMT-15 Introduction to Aviation Maintenance for 14.00 UNITS
Airframe and Powerplant
Aerospace materials, hardware, manufacturing processes and safety, blueprint reading, inspection techniques, aircraft servicing, cleaning 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
91492 L. Hultgren and F. Elardi
08/16/16-12/01/16
Last day to add: 09/04/16

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
Transfer: CSU
Grading: Letter grade only
91495 F. Elardi
08/16/16-09/30/16
Last day to add: 08/19/16
91522 T. Teeguarden
08/15/16-10/06/16
Last day to add: 08/22/16

AMT-16B Aviation Science
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
Transfer: CSU
Grading: Letter grade only
91497 F. Elardi
10/07/16-12/02/16
Last day to add: 10/07/16
91524 T. Teeguarden
10/10/16-12/01/16
Last day to add: 10/17/16

AMT-26 Powerplant: Engine Instrumentation, Lubrication, and Electrical
Prerequisite: AMT-15 (or AMT-12).
Aircraft reciprocating engine instrumentation, lubrication systems, electrical and ignition systems. Lab emphasizes reciprocating engine instrumentation and ignition systems overhaul, repair, installation and operation.
Materials Fee: $0.00
Transfer: CSU
Grading: Letter grade only
91499 R. Baty
08/16/16-10/06/16
Last day to add: 08/23/16

AMT-27 Powerplant: Reciprocating Engine Fuel and Auxiliary Systems
Prerequisite: AMT-15 (or AMT-12).
Aircraft reciprocating engine fuel, propeller, and auxiliary systems overhaul, repair, installation, and operation. Lab emphasizes engine induction, cooling, and exhaust systems.
Materials Fee: $0.00
Transfer: CSU
Grading: Letter grade only
91504 R. Baty
10/10/16-12/01/16
Last day to add: 10/17/16

AMT-28B Powerplant: Electrical Systems
1.00 UNIT
Prerequisite: AMT-15 (or AMT-12).
Corequisite: AMT-26 (may be taken previously).
Powerplant laboratory course to fulfill FAA practical applications relating to aircraft powerplant electrical systems. Projects include engine starters, generators and their controls.
Materials Fee: $0.00
Transfer: CSU
Grading: Letter grade only
91503 F. Elardi
08/19/16-09/30/16
Last day to add: 08/19/16
91526 J. Little and D. Casillas
08/15/16-10/06/16
Last day to add: 08/22/16

AMT-28C Powerplant: Turbine Engine Auxiliary Systems
1.00 UNIT
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
91508 F. Elardi
10/07/16-12/02/16
Last day to add: 10/07/16
91528 D. Casillas and J. Little
10/10/16-12/01/16
Last day to add: 10/17/16

AMT-35 Airframe Structures: Fabrication, Inspection and Repair
7.00 UNITS
Prerequisite: AMT-15 (or AMT-12).
Aircraft metallic and non-metallic structural fabrication, inspection, and repair methods. Related training for FAA airframe maintenance technician’s license. Lab emphasizes sheet metal fabrication and repair, composite structures inspections, welding, and alignment of airframe structures.
Materials Fee: $0.00
Transfer: CSU
Grading: Letter grade only
91510 J. Little and D. Casillas
08/15/16-10/06/16
Last day to add: 08/22/16

Additional sections of some classes may be available; check the Chino, Fontana, and Hybrid/Online sections.
AMT-36  Airframe Primary Systems  7.00 UNITS
Inspection and Repair
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

91515 J.Little  7:15am-2:15pm  MTWTH AERO-1A/1L
and D.Casillas
10/11/16-12/01/16  Last day to add: 10/18/16

AMT-38A  Airframe Structure: Structure  1.00 UNIT
Fabrication
Prerequisite: AMT-15 (or AMT-12).
Corequisite: AMT-35 (may be taken previously).
Airframe laboratory course to fulfill FAA practical applications relating to fabricating airframe structural components, paint application techniques, and inspections of painted surfaces.
Materials Fee: $0.00  Transfer: CSU
Grading: Letter grade only

91513 F.Elardi  7:15am-2:15pm  F  AERO-1A
08/19/16-09/30/16  Last day to add: 08/29/16
91531 J.Little  2:15pm-3:50pm  MTWTH AERO-1A
and D.Casillas
08/15/16-10/06/16  Last day to add: 08/22/16

AMT-38B  Airframe Structure: Hydraulic Systems  1.00 UNIT
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

91519 F.Elardi  7:15am-2:15pm  F  AERO-1A
10/07/16-12/02/16  Last day to add: 10/07/16
91534 D.Casillas  2:15pm-3:50pm  MTWTH AERO-1A
and J.Little
10/11/16-12/01/16  Last day to add: 10/18/16

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: $2.00  Transfer: CSU; UC credit limitations
Grading: Letter grade only

90353 M.Jones  8:00am-9:20am  MW  HS-143
and  9:30am-12:20pm  MW  BL-108
90354 M.Jones  8:00am-9:20am  MW  HS-143
and  9:30am-12:20pm  W  BL-108
90355 S.Collins  9:30am-10:50am  TTH  HS-143
and  11:00am-1:50pm  T  DL-108
90356 S.Collins  9:30am-10:50am  TTH  HS-143
and  11:00am-1:50pm  TH  DL-108
90359 V.McDonald  11:00am-12:20pm  TTH  HS-143
and  12:30pm-2:30pm  T  BL-108
90361 V.McDonald  11:00am-12:20pm  TTH  HS-143
and  12:30pm-2:30pm  TH  BL-108
90365 S.Collins  9:00am-10:50am  MW  ZH-123
and  2:00pm-4:50pm  W  BL-108
90366 S.Collins  11:00am-12:20pm  MW  ZH-123
and  2:00pm-4:50pm  W  BL-108
90357 S.Garcia  12:30pm-1:50pm  MW  HS-143
and  2:00pm-4:50pm  M  BL-108
90358 S.Garcia  12:30pm-1:50pm  MW  HS-143
and  2:00pm-4:50pm  W  BL-108
90364 STAFF  2:00pm-3:20pm  TTH  ZH-123
and  3:30pm-6:20pm  T  DL-108
90366 STAFF  2:00pm-3:20pm  TTH  ZH-123
and  3:30pm-6:20pm  TH  DL-108
90369 A.Conilogue  3:30pm-4:50pm  MW  ZH-123
and  5:00pm-7:50pm  M  BL-108
90371 A.Conilogue  3:30pm-4:50pm  MW  ZH-123
and  5:00pm-7:50pm  W  BL-108
90372 STAFF  5:30pm-8:20pm  F  ZH-123
and  9:00am-11:50am  S  BL-108
90373 STAFF  5:30pm-8:20pm  F  ZH-123
and  1:00pm-3:50pm  S  BL-108
90362 STAFF  5:30pm-6:50pm  TH  HS-143
and  7:00pm-9:50p  M  BL-108
90363 STAFF  5:30pm-6:50pm  TH  HS-143
and  7:00pm-9:50p  TH  DL-108

Call 909/652-6260 for more information.

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: $2.00  Transfer: CSU; UC
Grading: Letter grade only

90378 D.Cosand  11:00am-12:20pm  TTH  BL-114
and  8:00am-10:50am  TH  BL-114
90380 K.Beaman  7:00pm-9:50pm  T  DL-108
and  7:00pm-9:50pm  TH  DL-108

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.
Additional sections of some classes may be available; check the Chino, Fontana, and Hybrid/Online sections.
### 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: $1.00  Transfer: CSU; UC credit limitations
Grading: Letter grade only

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### 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: $1.00  Transfer: CSU; UC
Grading: Letter grade only

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<tr>
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### BIOL-20  Human Anatomy  4.00 UNITS
Prerequisite: Eligibility for ENGL-1A as determined by the Chaffey assessment process, or satisfactory completion of ENGL-475 or ESL-475. Study of the microscopic and macroscopic structures of the human body from cellular to organ system levels of organization. Course is intended for biology, general education, kinesiology and health related majors.
Materials Fee: $1.00  Transfer: CSU; UC
Grading: Letter grade only

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### BIOL-22  Human Physiology  4.00 UNITS
Prerequisite: BIOL-20, and CHEM-9 or 10 or 1 year of high school chemistry. Physiological principles, function, integration and homeostasis of the human body at the cellular, tissue, organ, organ system, and organism level. Lab exercises emphasize experimentation and scientific reasoning.
Materials Fee: $1.00  Transfer: CSU; UC
Grading: Letter grade only

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### 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: $1.00  Transfer: CSU; UC
Grading: Letter grade only

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### 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.
Materials Fee: $2.00  Transfer: CSU; UC
Grading: Letter grade only

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

Additional sections of some classes may be available; check the Chino, Fontana, and Hybrid/Online sections.
## Biology

### 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: $1.00
- Grading: Letter grade only

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(more sections at Chino and Fontana)

### BIOL-61
**Introduction to Cell and Molecular Biology**

- **5.00 UNITS**
- 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. (C-ID BIOL 190)
- Materials Fee: $3.00
- Grading: Letter grade only

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### BIOL-62
**Biology of Organisms**

- **5.00 UNITS**
- Prerequisite: BIOL-61.
- An introduction to the origin and evolution of life on earth, emphasizing systematics, anatomy, physiology, and development. (C-ID BIOL 140, & 130S when combined with BIOL-63)
- Materials Fee: $2.00
- Grading: Letter grade only

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### BIOL-63
**Evolutionary Ecology**

- **4.00 UNITS**
- 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. (C-ID BIOL 130S when combined with BIOL-62)
- Materials Fee: $2.00
- Grading: Letter grade only

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<tr>
<td>90426</td>
<td>Labs &amp; Desert Fieldtrip</td>
<td>9:30am-12:20pm</td>
<td>on 9/9, 9/30, 10/7, and 12/2; Labs 9:30am-3:20pm on 10/21, 10/28, 11/4, 11/18; Desert Fieldtrip 10/14-10/16.</td>
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### Broadcasting (BRDCAST)

#### BRDCAST-3
**Introduction to Electronic Media**

- **3.00 UNITS**
- Survey of the history, development, and importance of radio, television broadcasting and electronic media, including international events. Introduces the aesthetic, cultural, political, social, ethical, and occupational impact of electronic media.
- Materials Fee: $2.00
- Grading: Letter grade only

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<td>7:00pm-9:50pm</td>
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#### BRDCAST-60
**Beginning Single Camera Production**

- **3.00 UNITS**
- Advisory: Knowledge of Macintosh computer keyboarding is recommended.
- Introduction to the theory, terminology, and operation of high definition single camera video production, including composition and editing techniques, camera operation, portable lighting, video recorder operation, audio control and basic editing.
- Materials Fee: $0.00
- Grading: Letter grade only

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#### BRDCAST-62
**Beginning Studio Production**

- **3.00 UNITS**
- Advisory: Basic computer skills are recommended.
- Theory, terminology and operation of a multi-camera studio and control room. Students coordinate cameras and on-screen performers, and collaborate with production crew members and master control-room personnel to produce, direct, and edit multi-camera studio productions.
- Materials Fee: $10.00
- Grading: Letter grade only

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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. (C-ID BUS 110)
Materials Fee: $0.00  Transfer: CSU; UC
Grading: Letter grade only
91458 V.Thomas  8:00am-9:20am  TTH  WH-142
91494 V.Thomas  11:00am-12:20pm  MW  BE-103
91501 T.Brusselle  11:00am-12:20pm  MW  BE-103
91530 M.Issa  12:00pm-3:00pm  S  BE-111
91518 M.Issa  2:00pm-3:20pm  MW  BE-103
91282 M.Stockhausen  5:30pm-6:50pm  MW  BE-103
91305 J.Darby  7:00pm-9:50pm  T  WH-112
(more sections at Chino and Fontana)

BUSL-10  Introduction to Law and the Legal Process  3.00 UNITS
Prerequisite: Eligibility for ENGL-1A as determined by the Chaffey assessment process, or completion of ENGL-475 or ESL-475.
Exploration of the roles of the law, courts and participants in our legal system. Analysis of substantive laws - from torts and contracts to consumer protection and civil rights - and their effects.
Materials Fee: $0.00  Transfer: CSU; UC credit limitations
Grading: Letter grade only
91491 D.Karp  11:00am-12:20pm  MW  BE-101
(more sections at Chino and Fontana)

BUSL-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: $0.00  Transfer: CSU; UC credit limitations
Grading: Letter grade only
91456 A.Chen  8:00am-9:20am  MW  BE-103
91535 D.Karp  9:30am-10:50am  TTH  WH-142
91521 A.Chen  2:00pm-3:20pm  TTH  BE-103
91400 V.Julien-Peto  7:00pm-9:50pm  M  BE-103
(more sections at Chino and Fontana)

BUSL-28B  Business Law II  3.00 UNITS
Prerequisite: BUSL-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: $0.00  Transfer: CSU; UC credit limitations
Grading: Letter grade only
91496 A.Chen  11:00am-12:20pm  TTH  BE-103
91397 STAFF  7:00pm-9:50pm  T  BE-101
BUSL-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: $0.00
Grading: Letter grade only
91445 A.Chen 12:30pm-1:50pm TH BE-103
and
08/15/16-12/16/16 Last day to add: 08/22/16
SECT 91445: Hybrid class; see page 159 for more info.
91399 D.Vargas 7:00pm-9:50pm TH BE-101

BUSL-401 Legal Research and Writing 3.00 UNITS
Advisory: Completion of BUSL-400 and BUSOT-455.
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: $0.00
Grading: Letter grade only
91401 STAFF 7:00pm-9:50pm M BE-105

BUSL-403 Evidence 3.00 UNITS
Prerequisite: BUSL-28A.
Advisory: Completion of BUSPL-400.
Study of California and Federal Evidence, a paralegal role regarding evidence, collection, relevance, character evidence, competency, impeachment, experts, hearsay and constitutional limits on admissible evidence.
Materials Fee: $0.00
Grading: Letter grade only
91594 D.Karp 9:30am-10:50am MW BE-103
91595 R.Gilbert 7:00pm-9:50pm M BE-101

BUSL-435 The Law of Marketing and Business 3.00 UNITS
Competition
Advisory: Completion of BUSL-28A.
Introduction to legal principles relevant to the marketing of goods and services. Examination of the impact of the United States Constitution, antitrust, unfair competition, business torts, trademark, copyright, patents, consumer protection, and franchising laws on products, pricing, advertising, and inventory control in the operation of a retail store.
Materials Fee: $0.00
Grading: Letter grade only
91498 D.Karp 11:00am-12:20pm TTH BE-101

UNIT LIMIT
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.

Business: Management (BUSMGT)

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: $0.00
Grading: Letter grade only
Transfer: CSU
91295 G.Bozar 7:00pm-9:50pm W BE-101

BUSMGT-13 Supply Chain Management 3.00 UNITS
Tools and techniques for design and improvement of any supply chain through the optimal use of information, materials, and technology to improve efficiency and reduce costs.
Materials Fee: $0.00
Grading: Letter grade only
Transfer: CSU
91299 J.Corella 7:00pm-9:50pm M BE-108

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: $0.00
Transfer: CSU; UC
Grading: Letter grade only
91529 T.Brusselle 9:30am-10:50am TTH BE-111
91500 T.Brusselle 11:00am-12:20pm MW BE-111
91443 A.Chen 12:30pm-1:50pm T BE-103
and
Online hours INET
08/15/16-12/16/16 Last day to add: 08/22/16
SECT 91443: Hybrid class; see page 159 for more info.
91281 D.Dokter 5:30pm-6:50pm MW BE-105

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: $0.00
Transfer: CSU
Grading: Letter grade only
91523 V.Thomas 9:30am-10:50am TTH BE-105
91306 C.Burnley 7:00pm-9:50pm M BE-113

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: $0.00
Transfer: CSU
Grading: Letter grade only
91296 M.Farid Nejad 7:00pm-9:50pm TH BE-102

BUSMGT-45 Small Business Ownership and Management 3.00 UNITS
Fundamentals of owning and operating a small business including finance, employment law, and marketing strategies.
Materials Fee: $0.00
Transfer: CSU
Grading: Letter grade only
91532 V.Thomas 9:30am-10:50am MW BE-113
91303 D.Thompson 7:00pm-9:50pm T BE-111
**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: $0.00  
Grading: Letter grade only  
91300 G.Bozar  7:00pm-9:50pm  T  BE-108

**BUSMGT-440**  Principles of Leadership  2.00 UNITS  
Styles and tactics used by effective leaders to enhance individual and team performance.  
Materials Fee: $0.00  
Grading: Letter grade only  
91304 G.Carlson  7:00pm-8:50pm  T  BE-113

**BUSMGT-480**  Principles of Supervision  3.00 UNITS  
Advisory: Completion of BUSMGT-40, BUSMGT-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: $0.00  
Grading: Letter grade only  
91509 STAFF  11:00am-2:30pm  TTH  BE-108
10/16/16-10/29/16  Last day to add: 10/22/16  
SECT 91509: Fast-track class; see pages 175-181 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: $0.00  
Grading: Letter grade only  
91284 M.Tardiiff  5:30pm-6:50pm  TTH  BE-106

**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: $0.00  
Grading: Letter grade only  
91509 STAFF  11:00am-2:30pm  TTH  BE-108
08/16/16-10/04/16  Last day to add: 09/20/16  
SECT 91509: Fast-track class; see pages 175-181 for more info.

**BUSOT-40B**  Computer Keyboarding: Speed and Accuracy Development  3.00 UNITS  
Limitation on Enrollment: Students will demonstrate keyboarding technique in first class meeting to evaluate keyboarding technique for 20 words per minute.  
Prerequisite: BUSOT-40A. Develop computer literacy. Analyze, evaluate, and improve keyboarding speed and accuracy using correct keyboarding techniques. Intense review of letters, numbers, symbols, 10-key, and the production of basic reports, business letters, and memoranda. Proficiency certificate issued after successful completion of course.  
Materials Fee: $0.00  
Grading: Letter grade only  
91546 M.Tardiiff  9:30am-10:50am  MW  BE-106
08/16/16-10/04/16  Last day to add: 08/19/16  
SECT 91546: Fast-track class; see pages 175-181 for more info.

**BUSMKT-13**  Professional Selling  3.00 UNITS  
Techniques used to sell ideas, products and services. Tactics for prospecting, sales planning, securing appointments, presentation preparation and closing strategies, follow-up, and managing a sales territory.  
Materials Fee: $0.00  
Grading: Letter grade only  
91527 A.McDaniel-Smith  12:30pm-1:50pm  MW  BE-111

**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: $0.00  
Grading: Letter grade only  
91471 T.Tostado  9:00am-12:00pm  S  BE-111
91493 A.McDaniel-Smith  11:00am-12:20pm  TTH  BE-105
91298 S.Jezek-Arriaga  7:00pm-9:50pm  TH  BE-105

**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: $0.00  
Grading: Letter grade only  
91297 S.Jezek-Arriaga  7:00pm-9:50pm  T  BE-103

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Additional sections of some classes may be available; check the Chino, Fontana, and Hybrid/Online sections.
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  Transfer: CSU
Grading: Letter grade only
91547 M.Tardiff  9:30am-10:50am  TTH  BE-106
91385 J.Scott  7:00pm-9:50pm  M  BE-106  
(more sections online and at Chino and 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: $0.00  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 workflow.
Materials Fee: $0.00  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: $0.00  Transfer: CSU
Grading: Letter grade only
91551 D.Henderson  9:30am-10:50am  TTH  BE-108
91411 H.Myers  7:00pm-9:50pm  TH  BE-108  
(more sections online and at Chino)

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  Transfer: CSU
Grading: Letter grade only

BUSOT-64B  Microsoft Office Access - Expert  1.50 UNITS  
Prerequisite: BUSOT-64A.
Mastery of core features and introduction of advanced features of Access for working with databases, tables, reports, forms, and queries. Integration of Access data objects with the other Microsoft Office software.
Materials Fee: $0.00  Transfer: CSU
Grading: Letter grade only

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: $0.00  
Grading: Letter grade only
91407 STAFF  7:00pm-9:50pm  TH  BE-106  
(another section at Chino)

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-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: $0.00  
Grading: Letter grade only
91505 C.Ayala  11:00am-12:20pm  MW  BE-106  
(more sections 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: $0.00  
Grading: Letter grade only
91550 A.Omlor  9:30am-10:50am  MW  BE-108
91404 A.Omlor  7:00pm-9:50pm  T  BE-106  
(more sections online and at Chino)

**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 15 for more information on the refund policy and processes.

Additional sections of some classes may be available; check the Chino, Fontana, and Hybrid/Online sections.
Chemistry (CHEM)

### 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: $0.00
Grading: Letter grade only
91283 STAFF 5:30pm-6:50pm MW BE-106

### BUSOT-470 Office Systems and Procedures 3.00 UNITS
Advisory: Completion of BUSOT-60A and 460.
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: $0.00
Grading: Letter grade only
91409 T.Williamson 7:00pm-9:50pm W BE-108

### CHEM-7 Chemistry in Everyday Life With Lab 4.00 UNITS
Advisory: Completion of MATH-520, 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: $1.00
Grading: Letter grade only
90440 M.Hamza 5:30pm-6:50pm MW PS-112
90439 M.Hamza 5:30pm-6:50pm MW PS-112
90438 STAFF 3:30pm-4:50pm TTH HS-143
90437 STAFF 3:30pm-4:50pm TTH HS-143
90436 STAFF 3:30pm-4:50pm TTH HS-143
90435 R.Choppi 5:30pm-6:50pm TTH PS-102
90434 R.Choppi 5:30pm-6:50pm TTH PS-102
90433 K.Kupecz 2:30pm-3:50pm MW ZH-122
and 11:30am-2:20pm M CHEM-125
90432 K.Kupecz 2:30pm-3:50pm MW ZH-122
and 11:30am-2:20pm W CHEM-125
90431 W.McKeen 11:30am-2:20pm 2:30pm-5:20pm MW ZH-122
and 9:00am-10:50am T CHEM-125
90430 W.McKeen 11:30am-2:20pm 2:30pm-5:20pm MW ZH-122
and 9:00am-10:50am T CHEM-125
90429 M.Harman 12:30pm-1:50pm TTH ZH-122
and 9:00am-10:50am T CHEM-125
90428 M.Harman 12:30pm-1:50pm TTH ZH-122
and 9:00am-10:50am T CHEM-125
90427 L.Musaitif 12:30pm-2:20pm MW ZH-122
and 9:00am-10:50am M CHEM-125
90426 L.Musaitif 12:30pm-2:20pm MW ZH-122
and 9:00am-10:50am W CHEM-125

### 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. (C-ID CHEM 100)
Materials Fee: $1.00
Grading: Letter grade only
90425 M.Harman 3:00pm-4:20pm TTH PS-101

### 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: $1.00
Transfer: CSU; UC credit limitations
Grading: Letter grade only
90426 L.Musaitif 12:30pm-2:20pm MW ZH-122
and 9:30am-12:20pm M CHEM-108
90427 L.Musaitif 12:30pm-2:20pm MW ZH-122
and 9:30am-12:20pm W 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, gas laws, solutions and acid-base chemistry. Laboratory activities emphasize proper techniques, safety procedures, and experimental exercises in support of lecture content. (C-ID CHEM 101)
Materials Fee: $1.00
Transfer: CSU; UC credit limitations
Grading: Letter grade only
90430 W.McKeen 11:30am-2:20pm F ZH-122
90431 W.McKeen 11:30am-2:20pm F ZH-122
90429 M.Harman 12:30pm-1:50pm TTH ZH-122
90428 M.Harman 12:30pm-1:50pm TTH ZH-122
90427 L.Musaitif 12:30pm-2:20pm MW ZH-122
90426 L.Musaitif 12:30pm-2:20pm MW ZH-122

### CHEM-12 Elementary Organic and Biochemistry 4.00 UNITS
Prerequisite: CHEM-10.
Survey course in organic and biochemistry. Intended for health science students; not a science major course. (C-ID CHEM 102)
Materials Fee: $1.00
Transfer: CSU; UC credit limitations
Grading: Letter grade only
90443 STAFF 11:00am-12:20pm MW ZH-122
and 12:30pm-3:20pm M CHEM-103
90444 STAFF 11:00am-12:20pm MW ZH-122
and 12:30pm-3:20pm W CHEM-103

MyChaffey Portal

The MyChaffey portal, which provides access to important resources and information, is typically available 24 hours a day, seven days a week. Registration-related functions, however, (registration, payments, class schedules, etc.) are often not available on Sundays, due to system maintenance.
### CHEM-24A General Chemistry I 5.00 UNITS
Prerequisite: CHEM-24A.
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; thermodynamics; 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 when combined with CHEM-24B)
Materials Fee: $2.00
Grading: Letter grade only

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### 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 methods of inquiry.
(C-ID CHEM 120S when combined with CHEM-24B)
Materials Fee: $1.00
Grading: Letter grade only

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### CHEM-75A Organic Chemistry I 5.00 UNITS
Prerequisite: CHEM-24B.
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 when combined with CHEM-75B)
Materials Fee: $7.00
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 when combined with CHEM-75A)
Materials Fee: $7.00
Grading: Letter grade only

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### Child Development and Education (CDE)

#### CDE-1 Principles & Practices in Early Childhood Education 3.00 UNITS
Advisory: Proof of a negative tuberculosis test within the past 12 months may be required for some site visits.
Practices applied to programs and environments emphasizing the key role of relationships, constructive adult-child interactions, and teaching strategies in supporting physical, social creative, and intellectual development for all children.
(C-ID ECE 120)
Materials Fee: $0.00
Grading: Letter grade only

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#### CDE-2 Child Growth and Development 3.00 UNITS
Advisory: Proof of negative tuberculosis test within the past 12 months may be required for some site visits.
Introductory course examining the major physical, psychosocial, and cognitive/language developmental milestones for children, both typical and atypical, from conception through adolescence.
(C-ID CDEV 100)
Materials Fee: $0.00
Grading: Letter grade only

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#### 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)
Materials Fee: $0.00
Grading: Letter grade only

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Additional sections of some classes may be available; check the Chino, Fontana, and Hybrid/Online sections.
### 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)

Materials Fee: $0.00  
Transfer: CSU; UC

Grading: Letter grade only

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(sections at Chino and Fontana)

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

Advisory: Cardio-Pulmonary Resuscitation (CPR) and first aid training are recommended. 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 220)

Materials Fee: $0.00  
Transfer: CSU

Grading: Letter grade only

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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 230)

Materials Fee: $0.00  
Transfer: CSU

Grading: Letter grade only

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(sections at Fontana)

### 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.

Materials Fee: $0.00  
Transfer: CSU

Grading: Letter grade only

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### CDE-23 Introduction to Children With Special Needs 3.00 UNITS

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: $0.00  
Transfer: CSU

Grading: Letter grade only

(sections at Chino and Fontana)

### CDE-24 Introduction to Curriculum Theory Practices 2.00 UNITS

Limitation on Enrollment: Proof of a negative tuberculosis test within the past 12 months is required and students must present proof of immunization for measles, pertussis and influenza administered within the previous 12 months.

Prerequisite: CDE-1, 2, 3, and 4.  
Corequisite: CDE-24W.

Corequisite: CDE-24W:

Principles of early childhood growth and development as they apply to appropriate curriculum design.

Materials Fee: $0.00  
Transfer: CSU

Grading: Letter grade only

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### CDE-24W Practicum I: Supervised Occupational Work Experience 1.00 UNIT

Limitation on Enrollment: Proof of a negative tuberculosis test within the past 12 months is required and students must present proof of immunization for measles, pertussis and influenza administered within the previous 12 months.

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: $0.00  
Transfer: CSU

NOTE: Students must be available three hours per day, two days per week (Monday through Friday), between 9:00am and 12:00pm for participation in practicum activities. Specific days and job site location assignments are provided in the first week of instruction.

Grading: Letter grade only

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### CDE-25 Advanced Curriculum Theory 2.00 UNITS

Principles and Practices  
Limitation on Enrollment: Proof of a negative tuberculosis test within the past 12 months is required and students must present proof of immunization for measles, pertussis and influenza administered within the previous 12 months.

Prerequisite: CDE-1, 2, 3, 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-25W)

Materials Fee: $0.00  
Transfer: CSU

Grading: Letter grade only

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### CDE-25W Practicum II: Supervised Occupational Work Experience 1.00 UNIT

Limitation on Enrollment: Proof of a negative tuberculosis test within the past 12 months is required and students must present proof of immunization for measles, pertussis and influenza administered within the previous 12 months.

Prerequisite: CDE-1, 2, 3, 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: $0.00  
Transfer: CSU

NOTE: Students must be available three hours per day, two days per week (Monday through Friday), between 9:00am and 12:00pm for participation in practicum activities. Specific days and job site location assignments are provided in the first week of instruction.

Grading: Letter grade only

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### 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
- **Grading:** Letter grade only
- **Times and Locations:**
  - 89749 C.DeAlba-Yount 8:00am-11:50am F LA-101
  - 90119 J.Liu 12:00pm-1:50pm TTH LA-101
  - 90093 E.Lee 2:00pm-3:50pm MW TA-08
  - 90121 J.Liu 2:00pm-3:50pm TTH LA-101
  - 89748 C.DeAlba-Yount 6:00pm-7:50pm MW TA-08

### CHIN-2 Elementary Mandarin Chinese 4.00 UNITS
Prerequisite: CHIN-1 or one year of high school Chinese.
Continued study 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:** $4.00
- **Grading:** Letter grade only
- **Times and Locations:**
  - 90095 E.Lee 4:00pm-5:50pm MW TA-08

### 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:** $4.00
- **Grading:** Letter grade only
- **Times and Locations:**
  - 90118 J.Liu 10:00am-11:50am TTH LA-101

### Cinema (CINEMA)
(Also see Broadcasting)

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Additional sections of some classes may be available; check the Chino, Fontana, and Hybrid/Online sections.
## Communication Studies (COMSTD)

### 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: $4.00  
Transfer: CSU; UC

Grading: Letter grade only

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### COMSTD-4 Fundamentals of Interpersonal Communication 3.00 UNITS

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)

Materials Fee: $4.00  
Transfer: CSU

Grading: Letter grade only

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### COMSTD-6 Fundamentals of Small Group Communication 3.00 UNITS

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)

Materials Fee: $4.00  
Transfer: CSU; UC

Grading: Letter grade only

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### COMSTD-8 Fundamentals of Speech Communication 3.00 UNITS

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

Introduction to the basic foundations, principles, and theories of interpersonal communication, small group communication, and public speaking. (C-ID COMM 180)

Materials Fee: $4.00  
Transfer: CSU; UC

Grading: Letter grade only

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COMSTD-12 Mass Communication and Society 3.00 UNITS
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)
Materials Fee: $4.00
Grading: Letter grade only
90579 S. Shelton 11:00am-12:20pm TTH TA-1L
(another section at Chino)

COMSTD-14 Oral Interpretation of Literature 3.00 UNITS
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)
Materials Fee: $4.00
Grading: Letter grade only
90667 J. Alvarez 9:30am-10:50am MW TA-1L
(another section at Chino)

COMSTD-72 Logic and Argumentation 3.00 UNITS
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)
Materials Fee: $4.00
Grading: Letter grade only
90577 S. Shelton 7:15am-10:45am TTH TA-1L
08/18/16-10/04/16 Last day to add: 08/19/16
SECT 90577: Fast-track class; see pages 175-181 for more info.
90293 C. Navarro 9:30am-10:50am MW TA-1J
92967 J. Alvarez 11:00am-12:30pm TTH TA-1J
10/18/16-12/08/16 Last day to add: 10/21/16
SECT 89671: Fast-track class; see pages 175-181 for more info. (another section at Fontana)

COMSTD-74 Intercultural Communication 3.00 UNITS
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)
Materials Fee: $4.00
Grading: Letter grade only
90556 E. Rose 9:00am-11:50am F TA-1L
92948 M. Grau 7:00pm-9:50pm M TA-1J
(another section at Fontana)

COMSTD-76 Gender & Communication 3.00 UNITS
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.
Materials Fee: $4.00
Grading: Letter grade only
90295 C. Navarro 9:30am-10:50am TTH TA-1H

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: $4.00
Grading: Letter grade only
90650 J. Warhol 12:30pm-1:50pm TTH TA-1H

Computer Information Systems: Core (CIS)

CIS-1 Introduction to Computer Information 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
Grading: Letter grade only
91354 D. Eder 8:00am-10:50am F BE-104
91327 T. Helfand 8:00am-9:45am MW BE-104
91320 G. Bergreen 11:00am-12:30pm TTH BE-100
91324 J. Alfano 11:00am-12:30pm TTH BE-100
91322 J. Alfano 3:00pm-4:30pm M BE-104
91325 P. Watson 5:30pm-6:50pm W BE-100
91326 M. Wildes 7:00pm-9:50pm T BE-100
91328 M. Wildes 7:00pm-9:50pm TH BE-100
91540 STAFF 7:00pm-9:50pm TH BE-100

Many Computer Information Systems courses are taught online. See the Hybrid/Online area of this schedule for additional classes.

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
Grading: Letter grade only
91354 D. Eder 8:00am-10:50am F BE-104
91327 T. Helfand 8:00am-9:45am MW BE-104
91320 G. Bergreen 11:00am-12:30pm TTH BE-100
91324 J. Alfano 11:00am-12:30pm TTH BE-100
91322 J. Alfano 3:00pm-4:30pm M BE-104
91325 P. Watson 5:30pm-6:50pm W BE-100
91326 M. Wildes 7:00pm-9:50pm T BE-100
91328 M. Wildes 7:00pm-9:50pm TH BE-100
91540 STAFF 7:00pm-9:50pm TH BE-100

Additional sections of some classes may be available; check the Chino, Fontana, and Hybrid/Online sections.
CIS-4  
Fundamentals of Microsoft Windows  
Introduction to the terminology, application, and use of the graphical operating system.  
Materials Fee: $0.00  
Transfer: CSU  
Grading: Letter grade only

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CIS-50  
Introduction to Computer Networks  
Prerequisite: CIS-1.  
Architecture, structure, functions, components, and models of the Internet and other computer networks. Preparation for the CompTIA Network+ certification exam.  
Materials Fee: $0.00  
Transfer: CSU  
Grading: Letter grade only

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CIS-68  
Using the Internet  
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-420  
Computer Security Basics  
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: $0.00  
Grading: Letter grade only

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CIS-431  
Project Management for Information Technology  
Advisory: Completion of CIS-1.  
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: Cisco Internetworking (CISCO)  
(See Chino Section)  
Transfer: 909/652-6630

CIS: Game Development (CISGAME)  
909/652-6830

CISGAME-1  
Fundamentals of Game Development  
Prerequisite: CIS-1.  
Introduction to the principles of interactive 2D and 3D game development. Work in teams to develop game concepts and build prototypes. Topics include: history, hardware, graphics, sound, game genres, design elements, game generation software, game programming, artificial intelligence, and available careers in game development.  
Materials Fee: $0.00  
Transfer: CSU  
Grading: Letter grade only

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CISGAME-403  
Fundamentals of Game Programming  
Prerequisite: CISGAME-1.  
Introduction to game programming using a popular computer game programming language. Fundamentals of planning, syntax, logic, testing, debugging, and documentation in the development of computer games.  
Materials Fee: $0.00  
Transfer: CSU  
Grading: Letter grade only

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CIS: Hardware and Support (CISHDSP)  
(See Fontana Section)  
Transfer: 909/652-6830

CIS: Internet and Web Development (CISIWEB)  
909/652-6830

CISIWEB-72  
Web Page Development and Publishing  
Advisory: Completion of CIS-68.  
Basic web page development using HTML (Hypertext Markup Language) and CSS (Cascading Style Sheets). Topics include web site planning, responsive web page creation, hyperlinks, formatting, graphics, multimedia, tables, scripting, dynamic page creation, and Web publishing.  
Materials Fee: $0.00  
Transfer: CSU  
Grading: Letter grade only

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Additional sections of some classes may be available; check the Chino, Fontana, and Hybrid/Online sections.
CISWEB-424  WordPress Web Development  1.50 UNITS  
Advisory: Completion of CIS-68.  
Development of Websites using the WordPress Content Management System (CMS). Includes wordpress.com and wordpess.org, WordPress codex, installation, using the dashboard, navigation, themes, plugins, widgets, organizing content, multimedia, blogs, security, Search Engine Optimization (SEO), troubleshooting, modifying with HTML and CSS, and other topics.  
Materials Fee: $0.00  
Grading: Letter grade only  
(sessions are online)  

CIS: Networking (CISNTWK)  909/652-6830  
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: $0.00  
Grading: Letter grade only  
91487 S.Siedschlag  5:30pm-6:50pm  TTH  BE-100  
08/16/16-10/06/16  Last day to add: 08/22/16  

CISNTWK-440  Introduction to Network Security  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: $0.00  
Grading: Letter grade only  
91412 S.Siedschlag  7:00pm-9:50pm  W  BE-100  

CIS: Programming (CISPROG)  909/652-6830  
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: $0.00  
Grading: Letter grade only  
91414 T.Kocher  11:00am-12:20pm  TTH  BE-104  
91418 T.Kocher  7:00pm-9:50pm  M  BE-104  
(more sections at Chino and Fontana)  

COMPSCI-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: $0.00  
Transfer: CSU; UC  
Grading: Letter grade only  
91422 R.Loya  9:00am-12:00pm  S  BE-100  
91420 T.Kocher  12:30pm-1:50pm  TTH  BE-104  
91423 T.Kocher  3:30pm-4:50pm  TTH  BE-104  
(another section at Chino)  

COMPSCI-2  Programming Concepts and Methodology II  3.00 UNITS  
Prerequisite: COMPSCI-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  
91536 STAFF  11:00am-12:20pm  MW  BE-104  
91416 T.Kocher  5:30pm-6:50pm  MW  BE-104  

COMPSCI-3  Computer Architecture and Organization  3.00 UNITS  
Prerequisite: COMPSCI-1.  
Organization and behavior of real computer systems at the assembly-language level. Mapping of statements and constructs in a high-level language onto sequences of machine instructions.  
(C-ID COMP 142)  
Materials Fee: $0.00  
Transfer: CSU; UC  
Grading: Letter grade only  
91607 W.Baker  8:00am-9:20am  TTH  BE-104  

Correctional Science (CRSCI)  909/652-6253  
CRSCI-1  Introduction to Correctional Science  3.00 UNITS  
Philosophical and practical overview of the history, evolution and current practices of the field of corrections. Exploration of the diverse career opportunities available at the city, county, state, and federal levels.  
(C-ID AJ 200)  
Materials Fee: $0.00  
Transfer: CSU  
Grading: Letter grade only  
90697 V.Williams  12:30pm-1:50pm  MW  SS-103  
(more sections at Chino and Fontana)  

CRSCI-2  Control and Supervision of Inmates  3.00 UNITS  
Advisory: Completion of CRSCI-1.  
Inmate supervision in correctional institutions, including security procedures, contraband control, treatment programs, and prison dynamics. Prison staff, inmate culture and institutional characteristics.  
Materials Fee: $0.00  
Transfer: CSU  
Grading: Letter grade only  
(sections at Chino and 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.
CRSCI-3 Correctional Law 3.00 UNITS
Advisory: Completion of CRSCI-1.
Legal aspects of corrections from conviction/commitment to release. Discussion of the correctional system and facilities. The balance of protecting the rights of offenders versus the need to protect society.
Materials Fee: $0.00
Grading: Letter grade only
90704 STAFF 11:00am-12:20pm MW CAA-215

CRSCI-5 Crime and Delinquency 3.00 UNITS
Advisory: Completion of CRSCI-1.
Materials Fee: $0.00
Grading: Letter grade only
90705 E.Sandoval 7:00pm-9:50pm TH SS-105

CRSCI-6 Correctional Interviewing and Counseling 3.00 UNITS
Basic interviewing and counseling processes, using appropriate techniques and theories.
Materials Fee: $0.00
Grading: Letter grade only
(See Administration of Justice & Correctional Science) 909/652-6253

CRSCI-7 Probation and Parole 3.00 UNITS
Advisory: Completion of CRSCI-1.
Probations as part of the judicial process, and parole as part of the corrections system. Practical aspects of probation and parole services and the roles of the probation and parole officers.
Materials Fee: $0.00
Grading: Letter grade only
90714 STAFF 8:00am-9:20am MW SS-103
(another section at Chino)

CRSCI-8 Ethnic Group Relations 3.00 UNITS
Survey of minority roles, problems, and relationships within the criminal justice system.
Materials Fee: $0.00
Grading: Letter grade only
90715 R.Weatherford 7:00pm-9:50pm T SS-105

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: $1.00
Grading: Letter grade only
89855 M.Jenkins 11:00am-12:20pm TTH CAA-218
89856 K.Rooney 3:30pm-4:50pm MW CAA-215

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: $1.00
Grading: Letter grade only
89857 M.Jenkins 11:00am-12:20pm MW CAA-206

DANCE-7A Ballet IA 1.00 UNIT
Skill acquisition and practice of fundamental classical ballet barre and center technique at the beginning level. Study of ballet theory, history, and vocabulary.
Materials Fee: $0.00
Grading: Letter grade only
89858 M.Jenkins 3:30pm-4:50pm MW CAA-206

DANCE-7B Ballet IB 1.00 UNIT
Limitation on Enrollment: Level placement pending instructor approval.
Advisory: Completion of DANCE-7A.
Skill improvement in fundamental classical ballet barre and center technique at the advanced beginning level. Continued study of ballet theory, history, and vocabulary.
Materials Fee: $0.00
Grading: Letter grade only
89859 M.Jenkins 5:00pm-6:20pm TTH CAA-206

DANCE-8A Ballet IIA 1.00 UNIT
Advisory: Completion of DANCE-7B.
Skill improvement in increasingly complex classical ballet barre and center technique. Further development and practice of intermediate/advanced skill levels with modifications and complications. Continued study of ballet theory, history, and vocabulary.
Materials Fee: $0.00
Grading: Letter grade only
89860 M.Jenkins 5:00pm-6:20pm TTH CAA-206

DANCE-8B Ballet IIB 1.00 UNIT
Advisory: Completion of DANCE-8A.
Skill improvement in increasingly complex classical ballet barre and center technique. Further development and practice of intermediate/advanced skill levels with modifications and complications. Continued study of ballet theory, history, and vocabulary.
Materials Fee: $0.00
Grading: Letter grade only
89861 M.Jenkins 5:00pm-6:20pm TTH CAA-206

DANCE-10A Jazz Dance IA 1.00 UNIT
Basic jazz dance, vocabulary, and dance technique.
Materials Fee: $1.00
Grading: Letter grade only
89862 P.Melvin 5:00pm-6:20pm MW CAA-206
(another section at Fontana)

DANCE-10B Jazz Dance IB 1.00 UNIT
Advisory: Completion of DANCE-10A or level placement by instructor.
Further development of basic jazz dance skills, vocabulary, and technique.
Materials Fee: $1.00
Grading: Letter grade only
89865 M.Jenkins 3:30pm-4:50pm TTH CAA-206
(another section at Fontana)

Additional sections of some classes may be available; check the Chino, Fontana, and Hybrid/Online sections.
<table>
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<tr>
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<th>INSTRUCTOR</th>
<th>HOURS</th>
<th>DAYS</th>
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<td>Modern Dance IA</td>
<td>1.00 UNIT</td>
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<td></td>
<td>Basic modern dance skills and vocabulary emphasizing technique and creativity. Introduction to modern dance theory, history and criticism. Materials Fee: $1.00</td>
<td>Transfer: CSU; UC Grading: Letter grade only</td>
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<td>Z.Cano</td>
<td>2:00pm-3:20pm</td>
<td>TTH</td>
<td>CAA-206</td>
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| DANCE-20B   | Modern Dance IB      | 1.00 UNIT        |      |       |
|             | Limitation on Enrollment: Level placement pending instructor approval. Advisory: Completion of DANCE-20A. Further development of modern dance vocabulary and dance skills at the advanced beginning level, with emphasis on technique and creativity. Materials Fee: $1.00 | Transfer: CSU; UC Grading: Letter grade only |
| 89869       | K.Rooney             | 2:00pm-3:20pm    | MW   | CAA-206 |

| DANCE-30A   | Tap Dance IA         | 1.00 UNIT        |      |       |
|             | Basic tap dance techniques, skills, vocabulary, rhythms, and combinations. Material Fee: $1.00 | Transfer: CSU; UC Grading: Letter grade only |
| 89870       | K.Rooney             | 12:30pm-1:50pm   | TTH  | CAA-206 |

| DANCE-40A   | Modern Dance IIA     | 1.00 UNIT        |      |       |
|             | Limitation on Enrollment: Level placement pending instructor approval. Advisory: Completion of DANCE-40A. Intermediate-level modern dance skills and vocabulary, with additional development and complexity emphasizing expanded technical and artistic range and expression, and drawing upon classical, post-modern, and contemporary styles. Materials Fee: $0.00 | Transfer: CSU; UC Grading: Letter grade only |
| 89871       | K.Rooney             | 2:00pm-3:20pm    | MW   | CAA-206 |

| DANCE-40B   | Modern Dance IIB     | 1.00 UNIT        |      |       |
|             | Limitation on Enrollment: Level placement pending instructor approval. Advisory: Completion of DANCE-40B. Advanced-level modern dance skills and vocabulary emphasizing technical mastery and deep artistic range and expression, and drawing upon classical, post-modern, and contemporary styles. Materials Fee: $0.00 | Transfer: CSU; UC Grading: Letter grade only |
| 89872       | K.Rooney             | 12:30pm-1:50pm   | TTH  | CAA-206 |

| DANCE-50A   | Jazz Dance IIA       | 1.00 UNIT        |      |       |
|             | Limitation on Enrollment: Level placement pending instructor approval. Advisory: Completion of DANCE-50A. Intermediate jazz dance techniques, skills, and vocabulary. Materials Fee: $1.00 | Transfer: CSU; UC Grading: Letter grade only |
| 89866       | M.Jenkins            | 3:30pm-4:50pm    | TTH  | CAA-206 |

| DANCE-50B   | Jazz Dance IIB       | 1.00 UNIT        |      |       |
|             | Limitation on Enrollment: Level placement pending instructor approval. Advisory: Completion of DANCE-50B. Advanced jazz dance techniques, styles, skills and vocabulary. Materials Fee: $1.00 | Transfer: CSU; UC Grading: Letter grade only |
| 89867       | M.Jenkins            | 3:30pm-4:50pm    | TTH  | CAA-206 |

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<td>Hip Hop Dance</td>
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<td>Basic technique and styles of Hip Hop dance, including musicality, rhythms, and the basic and complex movements required to develop performance and choreographic skills. Materials Fee: $1.00</td>
<td>Grading: Letter grade only</td>
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<td>D.Bonds</td>
<td>6:30pm-7:50pm</td>
<td>MW</td>
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| 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: $20.00 | Grading: Letter grade only |
| 89378       | S.Bartell-Lippert    | 8:00am-12:15pm   | MTWTHF | HS-105/106 |
|             | B.Cox                | 9:30am-12:15pm   | MTWTHF | HS-105 |
|             |                      | 08/15/16-10/14/16 |       | Last day to add: 08/24/16 |

| 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: $20.00 | Grading: Letter grade only |
| 89379       | B.Cox                | 8:00am-9:15am    | MTWTHF | HS-109C |
|             | S.Bartell-Lippert    | 9:15am-1:00pm    | MTWTHF | HS-109C |
|             |                      | 10/17/16-12/16/16 |       | Last day to add: 10/25/16 |

| 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: $20.00 | Grading: Letter grade only |
| 89382       | B.Cox                | 288-324 hours/term scheduled clinical | CLIN |
|             | L.Martin             | 08/15/16-12/16/16 |       | Last day to add: 08/22/16 |

Digital Media
(See Art) 909/652-6066

Additional sections of some classes may be available; check the Chino, Fontana, and Hybrid/Online sections.
## Disability Programs and Services (DPS)

(See Chino Section) 909/652-6379

## Drafting (DRAFT)

909/652-6404

**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: $5.00
- Grading: Letter grade only

- 89587 R.Koyle  8:00am-9:20am  TTH  VSS-103
- and  9:30am-10:50am  TTH  VSS-103
- 89586 L.Pirkle  5:00pm-6:20pm  MW  VSS-105
- and  6:30pm-7:50pm  MW  VSS-105

**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: $5.00
- Grading: Letter grade only

- 89588 M.Ortiz  9:30am-9:50am  MW  VSS-103
- and  10:00am-12:50pm  MW  VSS-103

**DRAFT-41**  Computer-Aided Drafting and Design: Mechanical  **4.00 UNITS**

Prerequisite: EGTECH-10.

Advisory: Completion of DRAFT-21.

Advanced drawing techniques using the computer, with focus on mechanical applications. Advanced documentation/design practices including ASME Y14.5 form and positional tolerancing, tolerance stacking/analysis and Six Sigma tolerancing practices. Coursework will be completed using the SolidWorks software.

- Materials Fee: $5.00
- Grading: Letter grade only

- 89589 M.Ortiz  9:00am-11:50am  MW  VSS-103
- and  12:00pm-12:50pm  MW  VSS-103

**DRAFT-50**  Architectural Design I  **3.00 UNITS**

Prerequisite: DRAFT-20 or one year of high school drafting.

Theory and methods of architectural drawings, incorporating the fundamentals of residential design. Coursework uses AutoCAD and REVIT software.

- Materials Fee: $5.00
- Grading: Letter grade only

- 89590 S.Hall  5:30pm-6:20pm  TTH  VSS-103
- and  6:30pm-7:50pm  TTH  VSS-103

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

Prerequisite: DRAFT-50.

Design issues associated with more complex buildings and settings including the impact of zoning, local codes and challenging sites. Course uses REVIT software.

- Materials Fee: $5.00
- Grading: Letter grade only

- 89591 S.Hall  5:30pm-6:50pm  TTH  VSS-103
- and  7:00pm-7:50pm  TTH  VSS-103

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## Earth Science (ESC)

(Also see Geology) 909/652-6403

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

Topics include geology, oceanography, meteorology, and planetology. (C-ID GEOL 120)

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

- 90466 J.Warger  8:00am-9:20am  MW  PS-112
- 90467 D.Neves  8:00am-9:20am  TTH  PS-112
- 90465 STAFF  9:00am-11:50am  S  PS-112
- 90469 J.Warger  9:30am-10:50am  MW  PS-112
- 90470 D.Neves  9:30am-10:50am  TTH  PS-112
- 90487 T.Mullens  11:00am-12:20pm  MW  PS-112
- 90471 R.Woolford  11:00am-12:20pm  TTH  PS-112
- 90488 D.Pomeroy  12:30pm-1:50pm  TTH  PS-112
- 90490 STAFF  2:00pm-3:20pm  MW  PS-112
- 90485 R.Woolford  2:00pm-3:20pm  TTH  PS-112
- 90486 J.Johnston  7:00pm-8:20pm  TTH  PS-112

(See Chino Section)

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

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: $10.00
- Grading: Letter grade only

- 90502 J.Warger  9:30am-10:50am  MW  PS-101
- 90503 D.Pomeroy  9:30am-10:50am  TTH  PS-109
- 90495 J.Warger  11:00am-12:20pm  MW  PS-109
- 90497 D.Neves  11:00am-12:20pm  TTH  PS-101
- 90507 D.Pomeroy  11:00am-12:20pm  TTH  PS-109
- 90506 T.Mullens  12:30pm-1:50pm  MW  PS-101
- 90498 R.Woolford  12:30pm-1:50pm  TTH  PS-101
- 90508 T.Mullens  2:00pm-3:20pm  MW  PS-101
- 90500 J.Maas  5:30pm-6:50pm  TTH  PS-109
- 90493 STAFF  6:00pm-8:50pm  F  PS-109
- 90505 J.Maas  8:30pm-9:50pm  TTH  PS-109

(See Chino Section)

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

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

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

- 90468 J.Warger  8:00am-9:20am  MW  PS-112
- 90467 D.Neves  8:00am-9:20am  TTH  PS-112
- 90465 STAFF  9:00am-11:50am  S  PS-112
- 90469 J.Warger  9:30am-10:50am  MW  PS-112
- 90470 D.Neves  9:30am-10:50am  TTH  PS-112
- 90487 T.Mullens  11:00am-12:20pm  MW  PS-112
- 90471 R.Woolford  11:00am-12:20pm  TTH  PS-112
- 90488 D.Pomeroy  12:30pm-1:50pm  TTH  PS-112
- 90490 STAFF  2:00pm-3:20pm  MW  PS-112
- 90485 R.Woolford  2:00pm-3:20pm  TTH  PS-112
- 90486 J.Johnston  7:00pm-8:20pm  TTH  PS-112

(See Chino Section)

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

Hands-on activities to reinforce lecture concepts using scientific tools and methods to image, measure and observe phenomenon in oceanography.

- Materials Fee: $10.00
- Grading: Letter grade only

- 90468 J.Warger  8:00am-9:20am  MW  PS-112
- 90467 D.Neves  8:00am-9:20am  TTH  PS-112
- 90465 STAFF  9:00am-11:50am  S  PS-112
- 90469 J.Warger  9:30am-10:50am  MW  PS-112
- 90470 D.Neves  9:30am-10:50am  TTH  PS-112
- 90487 T.Mullens  11:00am-12:20pm  MW  PS-112
- 90471 R.Woolford  11:00am-12:20pm  TTH  PS-112
- 90488 D.Pomeroy  12:30pm-1:50pm  TTH  PS-112
- 90490 STAFF  2:00pm-3:20pm  MW  PS-112
- 90485 R.Woolford  2:00pm-3:20pm  TTH  PS-112
- 90486 J.Johnston  7:00pm-8:20pm  TTH  PS-112

(See Chino Section)

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Visit our website at www.chaffey.edu for application and registration information.
### Economics (ECON)

**ECON-1 Introduction to Economics** 3.00 UNITS
Overview of basic economic theories and models. Contemporary economic issues including unemployment, growth, globalization, wealth and income distribution, the environment, regulation, deregulation, inflation, interest rates, price discrimination, corporations and labor unions.
Materials Fee: $0.00  
Grading: Letter grade only

<table>
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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, distribution, the environment, regulation, deregulation, inflation, interest rates, price discrimination, corporations and labor unions.
Materials Fee: $0.00  
Grading: Letter grade only

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### ECON-4 Principles of Microeconomics 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 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. (C-ID ECON 201)
Materials Fee: $0.00  
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 structured fieldwork with a certified teacher in a public elementary classroom is a required part of the course. (C-ID EDUC 200)
Materials Fee: $0.00  
Grading: Letter grade only

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<td>2:00pm-3:20pm</td>
<td>TTH</td>
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### Electricity

(See Industrial Electrical Technology in Chino section)
Emergency Medical Technician (EMT)

EMT-405 Emergency Medical Responder Services 3.00 UNITS

Limitation on Enrollment: Student must be 18 years or older at the start of the course.
Advisory: Students should possess good dexterity and physical condition, have the ability to lift and carry up to 150 pounds, and be able to work in confined spaces and different positions (e.g., on the ground or floor).
Emergency Responder and CPR training for the professional rescuer, meeting CA Title 22 requirements. Course meets the American Heart Association CPR prerequisite and recommended preparation for admission to the EMT program.
Materials Fee: $7.00
Grading: Letter grade only
91539 J.Sloan 9:00am-12:50pm MW F BE-111 (another section at Fontana)

EMT-411 Emergency Medical Technician 7.00 UNITS

Limitation on Enrollment: Student must be 18 years or older at the start of the course, and possess a current American Heart Association Health Care Provider CPR card.
Prerequisite: EMT-405.
Advisory: Students should possess good dexterity and have good physical condition with the ability to lift 150 pounds and work in confined areas and in different positions (e.g., on the ground or floor).
Basic rescue skills needed for assessment, immediate treatment and transport of urgently ill or injured clients. Preparation for National Registry and the ICERA certifying exam.
Materials Fee: $0.00
Grading: Letter grade only
91541 N.Pheong 8:30am-1:00pm F BE-105
and 1:30pm-5:50pm F BE-105
and 24 hrs/term field experience

Engineering (ENGIN)

ENGIN-11 Introduction to Engineering 2.00 UNITS
Introduction to the engineering profession and examination of various engineering fields.
Material Fee: $1.00.
Grading: Letter grade only
89595 M.Tavakoli 1:00pm-2:50pm F PS-112

ENGIN-26 Engineering Graphics and CAD 3.00 UNITS
The study of the principles of orthographic projection, pictorial views, sections and auxiliary views, dimensioning, and the four fundamental views of descriptive geometry. Use of CAD in the solving industry-related problems.
Materials Fee: $1.00
Grading: Letter grade only
89596 STAFF 6:00pm-6:50pm MW VSS-208
and 7:00pm-8:50pm MW VSS-102

ENGIN-50 Engineering Statics 3.00 UNITS
Prerequisite: PHYS-45 and MATH-65A.
Vector treatment of statics of particles and rigid bodies. Free body diagrams, application to problems of equilibrium (2- and 3-dimensions) with systems of forces in trusses, frames, and machines. Principles of Friction, Distributed Forces, Centroid and Centers of Gravity, Moments of Inertia for area and mass, and Shear and Bending Moment.
Materials Fee: $1.00
Grading: Letter grade only
89597 M.Tavakoli 12:30pm-1:50pm MW PS-121

Engineering Technology (EGTECH)

EGTECH-10 Introduction to Engineering Design 4.00 UNITS
Introduction to the design process using engineering graphics systems.
Materials Fee: $5.00
Grading: Letter grade only
89593 S.Egli 2:00pm-3:20pm TTH VSS-103
and 3:30pm-4:50pm TTH VSS-103
89592 S.Egli 6:00pm-7:20pm MW VSS-103
and 7:30pm-8:50pm MW VSS-103

EGTECH-12 Principles of Engineering 4.00 UNITS
Prerequisite: MATH-425.
Topics include the design process, communication and documentation, engineering systems, statics, properties of materials, quality assurance, materials testing, and engineering for reliability.
Materials Fee: $5.00
Grading: Letter grade only
89594 S.Egli 2:00pm-3:20pm MW VSS-103
and 3:30pm-4:50pm MW VSS-103

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
Rob Rundquist, Instructional Specialist
909/652-6820

ESL & Modern Languages
Greg Creel, Instructional Specialist
Monday-Thursday 8am-8pm
Friday 10am-4pm
Saturday & Sunday 10am-3pm

Math Success Center, MATH-121
Garrett Kenahan, Instructional Specialist
Monday-Thursday 8am-8pm
Friday 10am-4pm
Saturday & Sunday 10am-3pm

Multidisciplinary Success Center, Library
Rose Ann Osmanian, Instructional Specialist
Monday-Thursday 8am-8pm
Friday 10am-4pm
Saturday & Sunday 10am-3pm

Additional sections of some classes may be available; check the Chino, Fontana, and Hybrid/Online sections.
### 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-475 or ESL-475.

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: $2.00  Transfer: CSU; UC

**NOTE:** Sections held in LA-110 and TA-1M may have in-class computer writing assignments. Basic computer and keyboarding skills are recommended.

Grading: Letter grade only

**SECTION #** | **INSTRUCTOR** | **HOURS** | **DAYS** | **ROOM**
--- | --- | --- | --- | ---
90600 STAFF | 6:30am-7:50am | TTH | LA-110
90648 J.Wagenhoffer | 6:30am-7:50am | MW | LA-110
90016 D.Keener | 7:15am-10:45am | MW | TA-1M
**08/15/16-10/05/16** | Last day to add: 08/19/16
**SECT 90016:** Fast-track class; see pages 175-181 for more info.

90649 J.Wagenhoffer | 8:00am-9:20am | MW | LA-110
90655 N.Watkins | 8:00am-9:20am | TTH | LA-110
90994 J.Grasnick | 9:00am-11:50am | F | LA-100
90011 W.Jones | 9:00am-11:50am | F | LA-100
89758 M.DeStefano | 9:00am-12:00pm | S | LA-110
89678 J.Ausubel | 9:30am-10:50am | MW | LA-110
90656 N.Watkins | 9:30am-10:50am | TTH | LA-110
90605 S.Straton | 11:00am-12:20pm | T | LA-110
and
Online hours
INET
**08/15/16-12/16/16** | Last day to add: 08/22/16,
**SECT 90060:** Hybrid class; see page 159 for more info.

90606 S.Straton | 11:00am-12:20pm | TH | LA-110
and
Online hours
INET
**08/15/16-12/16/16** | Last day to add: 08/22/16,
**SECT 90060:** Hybrid class; see page 159 for more info.

89679 J.Ausubel | 11:00am-12:20pm | MW | LA-110
89925 R.Garcia | 11:00am-2:30pm | TTH | TA-1M
**08/16/16-10/04/16** | Last day to add: 08/19/16
**SECT 89925:** Fast-track class; see pages 175-181 for more info.

89926 R.Garcia | 11:00am-2:30pm | TTH | TA-1M
**10/18/16-12/08/16** | Last day to add: 10/21/16
**SECT 89926:** Fast-track class; see pages 175-181 for more info.

90008 A.Durfeld | 11:00am-2:30pm | MW | TA-1M
**08/15/16-10/05/16** | Last day to add: 08/19/16
**SECT 90008:** Fast-track class; see pages 175-181 for more info.

89842 J.Grasmick | 12:00pm-2:50pm | F | LA-100
90012 W.Jones | 12:00pm-2:50pm | F | LA-110
90722 R.Lacson | 12:00pm-3:00pm | TTH | LA-111
90996 K.George | 12:30pm-1:50pm | TTH | LA-111
90000 J.Huver | 12:30pm-1:50pm | MW | LA-100
90902 D.Keener | 12:30pm-1:50pm | TTH | LA-100
**SECT 90020:** Honors class; see page 182 for more info.

90969 STAFF | 12:30pm-1:50pm | MW | LA-100
89759 M.DeStefano | 1:00pm-4:00pm | S | LA-110
89937 K.George | 2:00pm-3:20pm | TTH | LA-111
90001 J.Huver | 2:00pm-3:20pm | MW | LA-110
90141 M.Lopez | 3:00pm-6:30pm | MW | TA-1M
**08/15/16-10/05/16** | Last day to add: 08/19/16
**SECT 90141:** Fast-track class; see pages 175-181 for more info.

90142 M.Lopez | 3:00pm-6:30pm | MW | TA-1M
**10/17/16-12/05/16** | Last day to add: 10/21/16
**SECT 90142:** Fast-track class; see pages 175-181 for more info.

90708 S.Canzaro | 3:00pm-6:30pm | TTH | TA-1M
**08/16/16-10/04/16** | Last day to add: 08/19/16
**SECT 90708:** Fast-track class; see pages 175-181 for more info.

90723 R.Lacson | 3:00pm-5:50pm | SU | LA-110

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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)

Materials Fee: $1.00  Transfer: CSU; UC

**NOTE:** Sections held in LA-111 and TA-1M may have in-class computer writing assignments. Basic computer and keyboarding skills are recommended.

Grading: Letter grade only

**SECTION #** | **INSTRUCTOR** | **HOURS** | **DAYS** | **ROOM**
--- | --- | --- | --- | ---
90767 STAFF | 6:30am-7:50am | MW | LA-111
90132 J.Lopez | 6:30am-7:50am | TTH | LA-111
90017 D.Keener | 7:15am-10:45am | MW | TA-1M
**10/17/16-12/16/16** | Last day to add: 10/21/16
**SECT 90017:** Fast-track class; see pages 175-181 for more info.

90653 N.Watkins | 8:00am-9:20am | MW | LA-111
90133 J.Lopez | 8:00am-9:20am | TTH | LA-111
89808 J.Fisher | 9:00am-11:50am | F | LA-111
90280 T.Muir | 9:00am-12:00pm | S | LA-111
90654 N.Watkins | 9:30am-10:50am | MW | LA-111
90667 C.Williams | 9:30am-10:50am | TTH | LA-111
**SECT 90067:** Honors class; see page 182 for more info.

90009 A.Durfeld | 11:00am-2:30pm | MW | TA-1M
**10/17/16-12/05/16** | Last day to add: 10/21/16
**SECT 90009:** Fast-track class; see pages 175-181 for more info.

90668 C.Williams | 11:00am-12:20pm | MW | LA-111
89810 J.Fisher | 12:00pm-2:50pm | F | LA-111
90724 STAFF | 12:00pm-2:50pm | SU | LA-110
90271 J.Branson | 12:30pm-1:50pm | MW | LA-110
90090 E.Leano | 12:30pm-1:50pm | TTH | LA-111
90281 T.Muir | 1:00pm-4:00pm | S | LA-111
90026 B.Khaw-Posthuma | 2:00pm-3:20pm | MW | LA-100
90273 J.Branson | 2:00pm-3:20pm | MW | LA-111
90992 E.Leano | 2:00pm-3:20pm | TTH | LA-111
90709 C.Sanzaro | 3:00pm-6:30pm | TTH | TA-1M
**10/18/16-12/08/16** | Last day to add: 10/21/16
**SECT 90709:** Fast-track class; see pages 175-181 for more info.

90725 STAFF | 3:00pm-5:50pm | SU | LA-111

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Additional sections of some classes may be available; check the Chino, Fontana, and Hybrid/Online sections.
### Fall 2016 Schedule of Classes

**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: $1.00  
Grading: Letter grade only

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<td>7:00pm-10:30pm</td>
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(sections online and at Chino and Fontana)

**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: $2.00  
Grading: Letter grade only

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(sections online)

**ENGL-7E** *Creative Writing: Nonfiction* 3.00 UNITS  
*Prerequisite: ENGL-1A.* 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.  
Materials Fee: $2.00  
Grading: Letter grade only

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**ENGL-32** *Introduction to the Novel* 3.00 UNITS  
*Advisory: Completion of ENGL-1A.* Reading and analysis of novels of established merit drawn from multiple cultures.  
Materials Fee: $3.00  
Grading: Letter grade only

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**ENGL-68** *Mythology* 3.00 UNITS  
*Prerequisite: Eligibility for ENGL-1A as determined by the Chaffey assessment process, or completion of ENGL 475 or ESL 475.* 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.  
Materials Fee: $1.00  
Grading: Letter grade only

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<td>L.Fisher</td>
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**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.

![Reading & Writing Course Sequence Diagram](image-url)

*Dependent upon the re-assessment results, students move on to ENGL-575 or are advised to retake ENGL-675.*

Additional sections of some classes may be available; check the Chino, Fontana, and Hybrid/Online sections.
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-575.
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: $2.00
NOTE: Sections held in LA-113 may have in-class computer writing assignments. Basic computer and keyboarding skills are recommended.
Grading: Letter grade only

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<tr>
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<td>LA-113</td>
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<tr>
<td>90770</td>
<td>STAFF</td>
<td>6:00am-7:50am</td>
<td>MW</td>
<td>LA-108</td>
</tr>
<tr>
<td>90772</td>
<td>STAFF</td>
<td>6:00am-7:50am</td>
<td>TTH</td>
<td>LA-108</td>
</tr>
<tr>
<td>89698</td>
<td>S. Calebotta</td>
<td>7:30am-9:45am</td>
<td>MTWTH</td>
<td>LA-106</td>
</tr>
<tr>
<td>08/15/16-10/05/16</td>
<td>Last day to add: 08/19/16</td>
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</tr>
<tr>
<td>SECT 89698: Fast-track class; see pages 175-181 for more info.</td>
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</tbody>
</table>

89699 S. Calebotta 7:30am-9:45am MTWTH LA-106
10/17/16-12/07/16 | Last day to add: 10/21/16 |
SECT 89698: Fast-track class; see pages 175-181 for more info.
90188 A. Moore 8:00am-11:50am F LA-108
89999 D. Hernandez 8:00am-9:50am TTH LA-108
SECT 89989: Enrollment limited to Puente Program students; instructor consent required.
90080 J. LaMay 8:00am-9:50am MW LA-113
90083 J. LaMay 8:00am-9:50am TTH LA-113
90077 J. Ford 9:00am-12:50pm S LA-108
90081 J. LaMay 10:00am-11:50am MW LA-113
90623 V. Tulacaro 10:00am-11:50am TTH LA-106
90726 STAFF 11:00am-2:50pm SU LA-108
90189 A. Moore 12:00pm-3:50pm F LA-108
89794 R. Ebert 12:00pm-1:50pm MW LA-106
90029 B. Khaw-Posthuma 12:00pm-1:50pm TTH LA-108
90146 J. Lowe 12:00pm-1:50pm MW LA-113
90624 V. Tulacaro 12:00pm-1:50pm TTH LA-108
89823 STAFF 1:00pm-5:00pm S LA-108
90078 J. Ford 1:00pm-5:00pm S LA-108
89701 S. Calebotta 2:00pm-3:50pm TTH LA-113
89795 R. Ebert 2:00pm-3:50pm MW LA-106
89934 K. George 2:00pm-3:50pm MW LA-113
90030 B. Khaw-Posthuma 2:00pm-3:50pm TTH LA-108
90727 STAFF 3:00pm-6:50pm SU LA-108
89736 B. Cortez 4:00pm-5:50pm MW LA-108
89935 K. George 4:00pm-5:50pm MW LA-113
90268 Z. Moore 4:00pm-5:50pm TTH LA-108
90560 A. Sacks 4:00pm-5:50pm TTH LA-113
89752 C. Decker 4:30pm-6:45pm MTWTH LA-106
10/17/16-12/07/16 | Last day to add: 10/21/16 |
SECT 89752: Fast-track class; see pages 175-181 for more info.
89688 K. Beach 6:00pm-9:50pm M LA-113
89737 B. Cortez 6:00pm-9:50pm M LA-101
89662 V. Abundis 6:00pm-9:50pm T LA-113
89689 K. Beach 6:00pm-9:50pm W LA-113
90611 A. Sacks 6:00pm-9:50pm TH LA-113
90765 STAFF 6:00pm-10:00pm F LA-108
89753 C. Decker 7:00pm-9:15pm F MTWTH LA-106
10/17/16-12/07/16 | Last day to add: 10/21/16 |
SECT 89753: Fast-track class; see pages 175-181 for more info.
(more sections online and at Chino and Fontana)

ENGL-575  Introduction to College Reading and Writing
Prerequisite: Eligibility for ENGL-575 as determined by the Chaffey assessment process.
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: $2.00 Not degree applicable
Grading: Letter grade only

<table>
<thead>
<tr>
<th>SECTION #</th>
<th>INSTRUCTOR</th>
<th>HOURS</th>
<th>DAYS</th>
<th>ROOM</th>
</tr>
</thead>
<tbody>
<tr>
<td>90073</td>
<td>K. Kusudo</td>
<td>8:00am-11:50am</td>
<td>F</td>
<td>LA-106</td>
</tr>
<tr>
<td>89995</td>
<td>D. Hodge</td>
<td>8:00am-9:50am</td>
<td>MW</td>
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<tr>
<td>90075</td>
<td>K. Kusudo</td>
<td>9:00am-12:50pm</td>
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<td>89819</td>
<td>L. Fisher</td>
<td>10:00am-11:50am</td>
<td>MW</td>
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<tr>
<td>89996</td>
<td>D. Hodge</td>
<td>10:00am-11:50am</td>
<td>MW</td>
<td>LA-108</td>
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<tr>
<td>90588</td>
<td>B. Spears</td>
<td>10:00am-11:50am</td>
<td>TTH</td>
<td>LA-108</td>
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<tr>
<td>89820</td>
<td>J. Lowe</td>
<td>12:00pm-3:50pm</td>
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<tr>
<td>90266</td>
<td>Z. Moore</td>
<td>2:00pm-3:50pm</td>
<td>TTH</td>
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<tr>
<td>90666</td>
<td>C. Williams</td>
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<td>89751</td>
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<td>4:30pm-6:45pm</td>
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<td>Last day to add: 08/19/16</td>
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<td>SECT 89751: Fast-track class; see pages 175-181 for more info.</td>
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99987 S. Hanson 6:00pm-9:50pm T LA-108
99938 C. Gibson 6:00pm-9:50pm W LA-108
99988 S. Hanson 6:00pm-9:50pm W LA-108
99939 C. Gibson 6:00pm-9:50pm TH LA-108
(more sections at Chino and Fontana)

ENGL-675  Preparation for College Reading and Writing
Prerequisite: Eligibility for ENGL-675 as determined by the Chaffey assessment process.
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.
Materials Fee: 2.00 Non Credit Course
Grading: Pass/No Pass

<table>
<thead>
<tr>
<th>SECTION #</th>
<th>INSTRUCTOR</th>
<th>HOURS</th>
<th>DAYS</th>
<th>ROOM</th>
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<tr>
<td>90481</td>
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<td>90480</td>
<td>M. Olivera-LaVallee</td>
<td>10:00am-11:50am</td>
<td>TTH</td>
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<tr>
<td>90481</td>
<td>M. Olivera-LaVallee</td>
<td>10:00am-11:50am</td>
<td>TTH</td>
<td>LA-108</td>
</tr>
<tr>
<td>90588</td>
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<td>10:00am-11:50am</td>
<td>TTH</td>
<td>LA-108</td>
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<tr>
<td>90588</td>
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<td>10:00am-11:50am</td>
<td>TTH</td>
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<tr>
<td>90588</td>
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<td>TTH</td>
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<tr>
<td>90588</td>
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<td>10:00am-11:50am</td>
<td>TTH</td>
<td>LA-108</td>
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<tr>
<td>90588</td>
<td>B. Spears</td>
<td>10:00am-11:50am</td>
<td>TTH</td>
<td>LA-108</td>
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</table>

UNIT LIMIT
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.

Additional sections of some classes may be available; check the Chino, Fontana, and Hybrid/Online sections.
English as a Second Language (ESL)

ESL-475 Fundamentals of College Reading and Writing for ESL Students
4.00 UNITS
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 writing, reading, 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 that uses 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: $4.00
NOTE: Sections held in TA-1M may have in-class computer writing assignments. Basic computer and keyboarding skills are recommended.
Grading: Letter grade only
90501 C.Phipps 8:00am-11:50am F TA-1M
90499 C.Phipps 8:00am-9:50am TTH TA-1M
(another section 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: $0.00
Grading: Pass/No Pass only
90618 L.Tougas 12:30pm-1:50pm TTH TA-1N
(another section at Fontana)

ESL-509 Skills for Business
3.00 UNITS
Prerequisite: Placement recommendation by the ESL assessment test, or satisfactory completion of ESL-544.
A business English course that focuses on writing business documents, letter, e-mail, memos, reports, and resumes. Emphasis on content and style appropriate for business. Eight hours of supplemental learning in a Success Center that supports this course is required.
Materials Fee: $4.00
Grading: Pass/No Pass only
89685 C.Barley 8:00am-9:20am MW TA-1N
89686 C.Barley 9:30am-10:50am MW TA-1N
(another section at Fontana)

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: $0.00
Grading: Pass/No Pass only
90496 C.Phipps 11:00am-12:20pm TTH TA-08
(another section at Fontana)

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: $0.00
Grading: Pass/No Pass only
89686 C.Barley 9:30am-10:50am MW TA-1N

ESL-546 High-Intermediate Reading and Vocabulary Skills
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: $0.00
Grading: Pass/No Pass only
89712 G.Castruita 12:30pm-1:50pm MW TA-1N

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: $0.00
Grading: Pass/No Pass only
89685 C.Barley 8:00am-9:20am MW TA-1N
(more sections at Fontana)

Additional sections of some classes may be available; check the Chino, Fontana, and Hybrid/Online sections.
ESL COURSE SEQUENCE

ESL-640  Literacy-Level English  0.00 UNITS
Prerequisite: Placement recommendation by the 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.
Materials Fee: $2.00 Non Credit
Grading: Pass/No Pass

ESL-649  Advanced Oral Communication  3.00 UNITS
Prerequisite: Placement recommendation by the ESL assessment test, or satisfactory completion of ESL-544.
A communicative approach to advanced spoken English. Conversational tactics, presentation strategies, and debating skills help build strong fluency and comprehension of academic topics. Eight hours of supplemental learning in a Success Center that supports this course is required.
Materials Fee: $0.00 Not degree applicable
Grading: Pass/No Pass only

ESL-650  English and Citizenship  0.00 UNITS
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.
Materials Fee: $2.00 Non Credit
Grading: Pass/No Pass

Additional sections of some classes may be available; check the Chino, Fontana, and Hybrid/Online sections.
### Fashion Design/Merchandising (FASHD/M)

(See Chino Section) 909/652-8010

### Film/Radio/Television

(See Broadcasting and Cinema) 909/652-6066

### Fire Technology (FIRETEC)

<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>FIRETEC-1</td>
<td>Principles of Emergency Services</td>
<td>3.00 UNITS</td>
<td>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.</td>
<td>Materials Fee: $0.00</td>
</tr>
<tr>
<td>FIRETEC-2</td>
<td>Fire Behavior and Combustion</td>
<td>3.00 UNITS</td>
<td>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.</td>
<td>Materials Fee: $0.00</td>
</tr>
<tr>
<td>FIRETEC-3</td>
<td>Fire Protection Systems</td>
<td>3.00 UNITS</td>
<td>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.</td>
<td>Materials Fee: $0.00</td>
</tr>
<tr>
<td>FIRETEC-4</td>
<td>Building Construction for Fire Protection</td>
<td>3.00 UNITS</td>
<td>Components of building construction relating to fire safety. Effects of construction and structural design as key factors in building inspection, fire operations preplanning, and fire site operations.</td>
<td>Materials Fee: $0.00</td>
</tr>
<tr>
<td>FIRETEC-5</td>
<td>Fire Prevention</td>
<td>3.00 UNITS</td>
<td>History and philosophy of fire prevention, organization and operation of a fire prevention bureau, use of fire codes, the identification and correction of fire hazards, fire investigation, and fire and life-safety education.</td>
<td>Materials Fee: $0.00</td>
</tr>
<tr>
<td>FIRETEC-10</td>
<td>Wildland Fire Control</td>
<td>3.00 UNITS</td>
<td>Advisory: Completion of FIRETEC-2. Factors affecting wildland fires including fuel, weather, topography, prevention, fire behavior, and public education. Control techniques common to all agencies involved in wildland fire control.</td>
<td>Materials Fee: $0.00</td>
</tr>
</tbody>
</table>

### Additional Sections of Some Classes May Be Available; Check the Chino, Fontana, and Hybrid/Online Sections.
**French (FR)**

(Also see Am Sign, Arabic, Chinese, & Spanish)

**FR-1 Elementary French I** 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

90580 J.Sherif  8:00am-9:50am  MW  LA-101
90558 R.Ruh  4:00pm-5:50pm  TTH  LA-101

**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

89695 P.Buffam  12:00pm-1:50pm  MW  LA-101

**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: $2.00  Transfer: CSU; UC
Grading: Letter grade only

90512 P.Konovnitzine  11:00am-12:20pm  TTH  PS-102
90513 R.Mukundan  7:00pm-9:50pm  F  PS-102
(Another section at Fontana)

**GEOG-2 Introduction to Weather, Climate and Society** 3.00 UNITS
This course provides a survey of the scientific and societal issues associated with weather and climate variability and change. The course will examine physical phenomena observed in the Earth’s weather and climate. Topics include atmospheric structure and composition, solar radiation and energy balances, temperature, seasonal changes, atmospheric moisture, clouds and fog, precipitation, air pressure, winds, air masses and fronts, cyclones, weather forecasting, climate and climate change. The course will also review the current debate on climate change from a scientific point of view, with a focus on those aspects that have the largest potential impact on global society.
Materials Fee: $0.00  Transfer: CSU
Grading: Letter grade only

91301 M.Bayle  11:00am-12:20pm  MW  PS-102

**GEOG-3 Geography of California** 3.00 UNITS
Survey of California’s natural and human resources including climate, landforms, natural vegetation, water resources, cultural landscape, ethnic diversity, urban and agricultural regions, and the economy. (C-ID GEOG 140)
Materials Fee: $2.00  Transfer: CSU; UC
Grading: Letter grade only

90517 M.Bayle  9:30am-10:50am  MW  PS-102

**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: $2.00  Transfer: CSU; UC
Grading: Letter grade only

90520 P.Konovnitzine  9:00am-11:50am  F  PS-102
90519 P.Konovnitzine  7:00pm-9:50pm  W  PS-102
(Another section at Fontana)

**GEOG-5 Physical Geography Laboratory** 1.00 UNIT
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: $3.00  Transfer: CSU; UC
Grading: Letter grade only

90521 P.Konovnitzine  1:00pm-2:50pm  F  PS-100
90523 P.Konovnitzine  5:00pm-6:50pm  W  PS-100
(Another section at Fontana)

**GEOG-6 Environmental Geography** 3.00 UNITS
Global perspectives on environmental geography, including economics, human impact, extinction and biodiversity, food/population crises, global tampering, global climate change, and contemporary values in global environmental issues.
Materials Fee: $2.00  Transfer: CSU; UC
Grading: Letter grade only

90525 S.Justice  7:00pm-9:50pm  M  PS-102
(Another section at Fontana)

**GEOG-10 Cultural Geography of North America** 3.00 UNITS
Overview of migration, population, and cultural patterns in North America.
Materials Fee: $2.00  Transfer: CSU; UC
Grading: Letter grade only

(Section at Chino)

**GEOG-11 Human Geography** 3.00 UNITS
Study of diverse human populations, their cultural origins, diffusion and contemporary spatial expressions. Topics include demography, languages and religions, urbanization and landscape modification, political units and nationalism, and economic systems and development. (C-ID GEOG 120)
Materials Fee: $2.00  Transfer: CSU; UC
Grading: Letter grade only

90528 P.Konovnitzine  9:30am-10:50am  TTH  PS-102
(More sections at Fontana)

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**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 page 17.
**Fall 2016 Schedule of Classes**

**Chaffey College**

89389 C.Bacus                  11:00am-2:30pm                  TTH          HS-106

NOTE: Earns 54 hours of CE credit: RCFE, NHAP , BRN #00426, and BBS #2178.

**GERO-22 Dying and Death**

Study of death from a gerontological perspective, including history, societal practices, cross-cultural influences, biomedical, and the grieving process. Materials Fee: $1.00  
NOTE: Earns 54 hours of CE credit: RCFE, NHAP, BRN #00426, and BBS #2178.  
Grading: Letter grade only

89389 C.Bacus                  11:00am-2:30pm                  TTH          HS-106

10/18/16-12/08/16                  Last day to add: 10/24/16
SECT 89389: Fast-track class; see pages 175-181 for more info.  
(more sections online)

Additional sections of some classes may be available; check the Chino, Fontana, and Hybrid/Online sections.
### 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: $0.00  
Transfer: CSU

<table>
<thead>
<tr>
<th>SECTION #</th>
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<th>HOURS</th>
<th>DAYS</th>
<th>ROOM</th>
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<tr>
<td>89636</td>
<td>M. Ramirez-Mooney</td>
<td>3:00-5:00</td>
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<tr>
<td>89600</td>
<td>S. Starr</td>
<td>3:00-5:00</td>
<td>MW</td>
<td>WH-161</td>
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<td>89602</td>
<td>S. Starr</td>
<td>3:00-5:00</td>
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<td>WH-161</td>
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<td>89741</td>
<td>D. Colondres</td>
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<td>M. Molina</td>
<td>3:00-5:00</td>
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<td>89608</td>
<td>J. de Leon</td>
<td>3:00-5:00</td>
<td>MW</td>
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<td>89672</td>
<td>E. Sanchez</td>
<td>3:00-5:00</td>
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<td>WH-161</td>
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<td>89781</td>
<td>B. Mansouri</td>
<td>3:00-5:00</td>
<td>TTH</td>
<td>CA-215</td>
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<tr>
<td>89796</td>
<td>B. Mansouri</td>
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### 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: $0.00  
Transfer: CSU; UC credit limitations

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### 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: $0.00  
Grading: Letter grade only

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**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.

### 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-475 or ESL-475. 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. (C-ID HIST 150)

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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-475 or ESL-475. 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. (C-ID HIST 160)

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Additional sections of some classes may be available; check the Chino, Fontana, and Hybrid/Online sections.
### 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: $0.00
Grading: Letter grade only

90954 STAFF 8:00am-9:20am TTH WH-161
(more sections at Chino and Fontana)

### HIST-6 Modern Western Civilizations 3.00 UNITS
Western Civilization: The modern world from the 1500’s to the present.
(C-ID HIST 180)
Materials Fee: $0.00
Grading: Letter grade only

90958 E.Gregory 12:00pm-2:50pm SU SS-102

### HIST-7 Survey of 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-475 or ESL-475. Survey of United States history from its colonial foundations through Reconstruction. Satisfies the CSU requirement in American history. (C-ID HIST 130)
Materials Fee: $0.00
Grading: Letter grade only

90846 H.Haynes-Nicholls 7:15am-10:45am TTH SS-111
10/18/16-12/08/16 Last day to add: 10/21/16
SECT 90846: Fast-track class; see pages 175-181 for more info.

90834 D.Loomis 8:00am-9:20am MW SS-102
SECT 90834: Honors class; see page 182 for more info.

### HIST-8 History of Slavery 3.00 UNITS
Advisory: Completion of ENGL-1A is recommended.
Survey of slavery from ancient times to the present world history.
Materials Fee: $0.00 Transfer: CSU; UC
Grading: Letter grade only

(sections at Fontana)

### 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: $0.00 Transfer: CSU; UC
Grading: Letter grade only

90961 H.Haynes-Nicholls 11:00am-12:20pm TTH WH-161

### HIST-10 American History I 3.00 UNITS
Prerequisite: Eligibility for ENGL-1A as determined by the Chaffey assessment process, or satisfactory completion of ENGL-475 or ESL-475. Development of the United States from the Reconstruction Era through the present. Satisfies the CSU requirement in American history. (C-ID HIST 140)
Materials Fee: $0.00 Transfer: CSU; UC
Grading: Letter grade only

90870 H.Haynes-Nicholls 7:15am-10:45am TTH SS-111
08/16/16-10/04/16 Last day to add: 08/19/16
SECT 90867: Fast-track class; see pages 175-181 for more info.

90859 V.Nobile 8:00am-9:20am MW WH-142
90864 F.Melo 8:00am-9:20am TTH SS-102
90860 V.Nobile 9:30am-10:50am MW SS-100
90861 V.Nobile 11:00am-12:20pm MW SS-100
90855 D.Loomis 11:00am-12:20pm TTH SS-102
90858 E.Gregory 12:30pm-1:50pm TTH SS-104
90866 W.Willison 1:00pm-4:00pm S SS-110
90852 K.Schafer 5:30pm-6:50pm TTH SS-102
90857 T.Stanek 7:00pm-10:30pm MW SS-102
10/17/16-12/05/16 Last day to add: 10/21/16
SECT 90857: Fast-track class; see pages 175-181 for more info.

90863 S.Kiser 7:00pm-9:50pm M SS-113
(more sections at Chino and Fontana)

### HIST-11 History of the Modern Middle East 3.00 UNITS
Prerequisite: Eligibility for ENGL-1A as determined by the Chaffey assessment process, or satisfactory completion of ENGL-475 or ESL-475. Development of the modern Middle East from the 1500’s to the present world history. (C-ID HIST 130)
Materials Fee: $0.00 Transfer: CSU; UC
Grading: Letter grade only

90827 K.Schafer 9:30am-11:50am SU SS-102

### 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: $0.00 Transfer: CSU; UC
Grading: Letter grade only

90815 A.Cruz 9:30am-10:50am TTH SS-113

### HIST-13 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-475 or ESL-475. Development of the United States from the Reconstruction Era through the present. Satisfies the CSU requirement in American history. (C-ID HIST 140)
Materials Fee: $0.00 Transfer: CSU; UC
Grading: Letter grade only

90867 H.Haynes-Nicholls 7:15am-10:45am TTH SS-111
08/16/16-10/04/16 Last day to add: 08/19/16
SECT 90867: Fast-track class; see pages 175-181 for more info.

90859 V.Nobile 8:00am-9:20am MW WH-142
90864 F.Melo 8:00am-9:20am TTH SS-102
90860 V.Nobile 9:30am-10:50am MW SS-100
90861 V.Nobile 11:00am-12:20pm MW SS-100
90855 D.Loomis 11:00am-12:20pm TTH SS-102
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90866 W.Willison 1:00pm-4:00pm S SS-110
90852 K.Schafer 5:30pm-6:50pm TTH SS-102
90857 T.Stanek 7:00pm-10:30pm MW SS-102
10/17/16-12/05/16 Last day to add: 10/21/16
SECT 90857: Fast-track class; see pages 175-181 for more info.

90863 S.Kiser 7:00pm-9:50pm M SS-113
(more sections at Chino and Fontana)

### HIST-14 The Sixties in American History 3.00 UNITS
Issues and events of the 1960’s - one of the most turbulent decades in American history - including Civil Rights and the Vietnam War. May be taught in lecture or seminar format.
Materials Fee: $0.00 Transfer: CSU; UC
Grading: Letter grade only

(sections at Fontana)

### PRIORITY REGISTRATION
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

Additional sections of some classes may be available; check the Chino, Fontana, and Hybrid/Online sections.
HIST-25  Women in United States History  3.00 UNITS
Survey of the history of women in America from the colonial period to the present with emphasis on relevant political, economic, and social factors.
Materials Fee: $0.00  Transfer: CSU; UC
Grading: Letter grade only
90937 A.Cruz  8:00am-9:20am  TTH  SS-113
90938 W.Willison  12:00pm-2:50pm  SU  SS-101

HIST-37  California History  3.00 UNITS
Prerequisite: Eligibility for ENGL-1A as determined by the Chaffey assessment process, or completion of ENGL-475 or ESL-475.
Survey of the history of California from pre-Columbian times to the present.
Materials Fee: $0.00  Transfer: CSU; UC
Grading: Letter grade only
90950 STAFF  7:00pm-9:50pm  M  SS-104
(more sections at Chino and Fontana)
90960 A.Cruz  11:00am-12:20pm  MW  SS-113

HIST-50  African-American History I  3.00 UNITS
History of African Americans from their African heritage to their emancipation in 1865.
Materials Fee: $0.00  Transfer: CSU; UC
Grading: Letter grade only
90964 F.Melo  9:30am-10:50am  TTH  WH-102
90965 M.Bobo  11:00am-12:20pm  MW  SS-105
(another section at Fontana)

HIST-70  Chicanos: Common History of Mexico and The United States  3.00 UNITS
The historical relationship between Mexico and the United States from Native American roots to the day. Examination of the Spanish and British colonial systems, processes of independence and nation-building.
Materials Fee: $0.00  Transfer: CSU; UC
Grading: Letter grade only
90962 R.Price  7:00pm-9:50pm  W  SS-105

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.

Homeland National Security (HNS)  909/652-6253
HNS-400  Introduction to Homeland Security  3.00 UNITS
This course introduces and explores the fundamentals of national security, global security and terrorism. Aspects of U.S. federal, state and local inter-agency cooperation to combat domestic and foreign threats will be discussed. Additional issues of discussion will include Narco-terrorism, terrorist groups and motivation of terrorists.
Materials Fee: $0.00  Grading: Letter grade only
90962 R.Price  7:00pm-9:50pm  W  SS-105

Hospitality Management (HOTFS)  909/652-8010
(See Chino and Fontana Sections)

Humanities (HUMAN)  909/652-6253
HUMAN-5  Arts and Ideas: Antiquity to Renaissance  3.00 UNITS
Prerequisite: Eligibility for ENGL-1A as determined by the Chaffey assessment process, or satisfactory 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: $0.00  Transfer: CSU; UC
Grading: Letter grade only
90964 F.Melo  9:30am-10:50am  TTH  WH-102
90965 M.Bobo  11:00am-12:20pm  MW  SS-105
(another section at Fontana)

HUMAN-6  Arts and Ideas: Renaissance to Modern  3.00 UNITS
Prerequisite: Eligibility for ENGL-1A as determined by the Chaffey assessment process, or satisfactory 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: $0.00  Transfer: CSU; UC
Grading: Letter grade only
90967 D.Loomis  9:30am-10:50am  TTH  SS-102
90968 D.Loomis  12:30pm-1:50pm  TTH  SS-102
(another section at Chino)

HUMAN-20  The Holocaust: History and Philosophy  3.00 UNITS
Prerequisite: Eligibility for ENGL-1A as determined by the Chaffey assessment process, or satisfactory completion of ENGL-475 or ESL-475.
Examination of the philosophical underpinnings and historical developments leading to the rise of Nazi Germany, and the implementation of a policy of destruction for European Jewry.
Materials Fee: $0.00  Transfer: CSU; UC
Grading: Letter grade only
90963 D.Loomis  11:00am-12:20pm  MW  ATL-105
and R.Falcioni

Industrial Electrical Technology (IET)  909/652-7657
(See Chino Section)
**Interior Design (ID)**

(See Chino Section) 909/652-8010

**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

90278 M.Muckenfuss 5:30pm-6:50pm MW WH-071

**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

89782 M.Dowd 11:00am-12:20pm W WH-071

**JOUR-30** Student Media Practicum I 3.00 UNITS

**Prerequisite:** Eligibility for ENGL-475 or higher level English as determined by the Chaffey assessment process, or completion of ENGL-575.

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. (C-ID JOUR 130)

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

89783 M.Dowd 2:00pm-2:50pm TTH WH-071 and 3:00pm-4:20pm TTH WH-071

**JOUR-31** Student Media Practicum II 3.00 UNITS

**Prerequisite:** JOUR-10 or 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. (C-ID JOUR 131)

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

89784 M.Dowd 6:00pm-6:50pm TH WH-071 and 7:00pm-8:20pm TH WH-071 and Online hours INET

89642 M.Dickson 9:30am-10:50am TTH G-Pool

**Kinesiology: Activity (KINACT)**

**KINACT-1** Beginning Tennis 1.00 UNIT

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: $0.00  Transfer: CSU; UC credit limitations  Grading: Letter grade only

89641 A.Galindo 11:00am-12:20pm TTH G-TEN/CRT

**KINACT-2** Advanced Tennis 1.00 UNIT

Course emphasizes the rules, court etiquette, history, and advanced skills of tennis.  
Materials Fee: $0.00  Transfer: CSU; UC credit limitations  Grading: Letter grade only

89647 A.Galindo 11:00am-12:20pm TTH G-TEN/CRT

**KINACT-9** Swimming 1.00 UNIT

Basic skills and safety precautions for swimming. Several different strokes are taught according to skill levels.  
Materials Fee: $0.00  Transfer: CSU; UC credit limitations  Grading: Letter grade only

89642 M.Dickson 9:30am-10:50am TTH G-Pool

**KINACT-16** Volleyball 1.00 UNIT

Course emphasizes rules, strategy, and basic volleyball skill development such as setting, digging, serving, spiking and team strategies.  
Materials Fee: $0.00  Transfer: CSU; UC credit limitations  Grading: Letter grade only

89615 L.Chowen 12:30pm-1:50pm TTH G-Gym

**KINACT-17** Advanced Volleyball 1.00 UNIT

Advisory: Previous volleyball experience is recommended. Advanced volleyball skills with emphasis on strategy, skills, and complex offensive and defensive schemes.  
Materials Fee: $0.00  Transfer: CSU; UC credit limitations  Grading: Letter grade only

89618 L.Chowen 12:30pm-1:50pm TTH G-Gym

**KINACT-20** Basketball 1.00 UNIT

Rules, court etiquette, basic offensive and defensive positions, and basic passing and dribbling techniques of basketball.  
Materials Fee: $0.00  Transfer: CSU; UC credit limitations  Grading: Letter grade only

89622 STAFF 11:00am-12:20pm MW G-Gym

**KINACT-22** Soccer 1.00 UNIT

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: $0.00  Transfer: CSU; UC credit limitations  Grading: Letter grade only

89629 G.Cooker 9:30am-10:50am MW G-SC/FIELD

Visit our website at www.chaffey.edu for application and registration information.
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<td>KINACT-24</td>
<td>Low Impact Aerobics</td>
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<td>KINACT-28</td>
<td>Yoga</td>
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**KINACT-23 Intermediate Soccer**
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.

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| 89640 G.Cooper | 9:30am-10:50am | MW | G-SC/FIELD |
| 89650 C.Kindred | 9:30am-10:50am | MW | G-203       |
| 89651 P.Peoples | 9:30am-10:50am | TTH | G-203       |
| 89649 C.Kindred | 2:00pm-3:20pm | TTH | G-203       |
| 89648 L.Harlow | 5:30pm-6:50pm | MW | G-203       |

**KINACT-24 Low Impact Aerobics**
High energy, low impact aerobic exercises stressing good posture, proper warm-ups and cool-downs, strength, flexibility, and endurance exercise.

<table>
<thead>
<tr>
<th>Designed for beginning students.</th>
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</thead>
<tbody>
<tr>
<td>Materials Fee: $0.00</td>
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<tr>
<td>Grading: Letter grade only</td>
</tr>
</tbody>
</table>

| 89702 C.Knight-Garcia | 9:30am-10:50am | MW | G-205       |
| 89717 STAFF | 12:30pm-1:50pm | MW | G-205       |
| 89729 STAFF | 12:30pm-1:50pm | MW | G-205       |
| 89722 STAFF | 5:30pm-6:50pm | MW | G-205       |
| 89732 STAFF | 5:30pm-6:50pm | MW | G-205       |
| 89735 STAFF | 7:00pm-8:20pm | MW | G-205       |

**KINACT-25 Spinning for Fitness**
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.

<table>
<thead>
<tr>
<th>Materials Fee: $0.00</th>
<th>Transfer: CSU; UC credit limitations</th>
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<tbody>
<tr>
<td>Grading: Letter grade only</td>
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</tbody>
</table>

| 89650 C.Kindred | 9:30am-10:50am | MW | G-203       |
| 89651 P.Peoples | 9:30am-10:50am | TTH | G-203       |
| 89649 C.Kindred | 2:00pm-3:20pm | TTH | G-203       |
| 89648 L.Harlow | 5:30pm-6:50pm | MW | G-203       |

**KINACT-28 Yoga**
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.

<table>
<thead>
<tr>
<th>Materials Fee: $0.00</th>
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<tr>
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</table>

| 89673 F.Stewart | 8:00am-9:20am | MW | G-203       |
| 91100 E.Martinez | 8:00am-9:20am | TTH | G-203       |
| 91099 E.Martinez | 11:00am-12:20pm | MW | G-203       |
| 90944 A.Henry | 11:00am-12:20pm | MW | G-203       |
| 89665 D.Bednarczyk | 12:30pm-1:50pm | MW | G-203       |
| 90916 STAFF | 5:30pm-6:50pm | TTH | G-203       |
| 89657 L.Harlow | 7:00pm-8:20pm | MW | G-203       |

**KINACT-29B Intermediate Body Conditioning**
Prerequisite: KINACT-29A.
Intermediate exercises for the development of major muscle groups, with emphasis on muscular strength, endurance and flexibility. Introduction to interval training and plyometrics.

<table>
<thead>
<tr>
<th>Materials Fee: $1.00</th>
<th>Transfer: CSU; UC credit limitations</th>
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<tbody>
<tr>
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</table>

| 91240 P.Roberts | 6:30am-7:50am | TTH | G-111       |
| 91238 P.Roberts | 9:30am-10:50am | MW | G-111       |

**KINACT-29C Advanced Body Conditioning**
Prerequisite: KINACT-29B
Advanced exercises for development of the major muscle groups with emphasis on muscular strength, endurance, flexibility, plyometrics and Olympic strength training.

<table>
<thead>
<tr>
<th>Materials Fee: $1.00</th>
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<tbody>
<tr>
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| 91242 P.Roberts | 6:30am-7:50am | TTH | G-111       |
| 91239 P.Roberts | 9:30am-10:50am | MW | G-111       |

**KINACT-31 Introduction to Self-Defense and Personal Safety**
Beginning and foundation course in personal safety. Basic martial arts techniques for self-defense, covering safety and defense in a technical and practical framework.

<table>
<thead>
<tr>
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</table>

| 89739 T.Oduwole | 9:30am-10:50am | TTH | G-GYM       |

**KINACT-35 Cardio Fitness for Life**
Walking or running for physical health, muscular strength, fitness, weight control, and general well-being. Students develop a personalized fitness program with the assistance of the instructor. Suitable for all ages and fitness levels.

<table>
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</table>

| 89755 P.Peoples | 11:00am-12:20pm | TTH | G-TRACK     |

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**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.
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 and reconditioning resulting from physical activity and athletics. Course is intended for students interested in pursuing careers as Athletic Trainers and/or Coaches.
Materials Fee: $2.00  Transfer: CSU; UC
Grading: Letter grade only
89764 STAFF  7:00pm-10:30pm  MW  G-135
SECT 89764: Fast-track class; see pages 175-181 for more info.

KINLEC-11  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
Grading: Letter grade only
89649 J.Johnson  8:00am-9:15am  TTH  G-134
SECT 91218: Fast-track class; see pages 175-181 for more info.

KINLEC-13  Professional Activities: Coaching Team Sports  3.00 UNITS
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
89764 STAFF  7:00pm-10:30pm  MW  G-135
SECT 89764: Fast-track class; see pages 175-181 for more info.

KINLEC-14  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
89643 M.Dickson  8:00am-9:20am  TTH  G-135
SECT 89643: An additional fee is charged to students who wish to take the optional Red Cross certification exam(s).

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  Transfer: CSU
Grading: Letter grade only
90918 R.Baiz  8:00am-9:20am  MW  MOD-3
90906 R.Baiz  8:00am-9:20am  TTH  MOD-3
90878 STAFF  9:00am-11:50am  S  G-134
90920 R.Baiz  9:30am-10:50am  MW  MOD-3
90945 A.Henry  9:30am-10:50am  TTH  G-134
89645 J.Stewart  11:00am-12:20pm  TTH  MOD-3
89770 H.Spohn  11:00am-12:20pm  TTH  G-134
91102 E.Martinez  12:30pm-1:50pm  TTH  G-134
90818 STAFF  7:00pm-10:30pm  TTH  G-133

MyChaffey Portal
The MyChaffey portal, which provides access to important resources and information, is typically available 24 hours a day, seven days a week. Registration-related functions, however, (registration, payments, class schedules, etc.) are often not available on Sundays, due to system maintenance.
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
NOTE: An additional fee is charged to students who wish to take the optional Red Cross certification exam(s).
Grading: Letter grade only
90894 C.Walters 7:00pm-10:30pm MW G-135
08/15/16-10/05/16 Last day to add: 08/19/16
SECT 90894: Fast-track class; see pages 175-181 for more info.
(see more sections at Chino and Fontana)

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. (C-ID KIN 100)
Materials Fee: $0.00  Transfer: CSU; UC
91098 E.Martinez 9:30am-10:50am MW G-135
91244 P.Roberts 10:00am-12:20pm TTH G-133
91245 P.Roberts 2:00pm-3:20pm TTH G-133
89773 P.Cutrona 7:00pm-9:50pm M G-133
(see more sections online and at Fontana)

KINLEC-19  Practical Applications in Athletic Training I
2.00 UNITS
Prerequisite: KINLEC-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: $4.00  Transfer: CSU; UC
Grading: Letter grade only
89723 C.Balderrama 9:00am-10:00am F G-135
and 72-81 hours/term arranged
08/15/16-12/16/16 Last day to add: 08/22/16
SECT 89723: Classroom meetings every other Friday: 08/19, 09/02, 09/16, 09/30, 10/14, 10/28, 11/18, and 12/02.

KINLEC-20  Practical Applications in Athletic Training II
2.00 UNITS
Prerequisite: KINLEC-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: $4.00  Transfer: CSU
Grading: Letter grade only
89769 C.Balderrama 9:00am-10:00am F G-135
and 72-81 hours/term arranged
08/15/16-12/16/16 Last day to add: 08/22/16
SECT 89769: Classroom meetings every other Friday: 08/19, 09/02, 09/16, 09/30, 10/14, 10/28, 11/18, and 12/02.

KINLEC-21  Practical Applications in Athletic Training III
2.50 UNITS
Prerequisite: KINLEC-20
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: $4.00  Transfer: CSU
Grading: Letter grade only
89775 C.Balderrama 9:00am-10:00am F G-135
and 96-108 hours/term arranged
08/15/16-12/16/16 Last day to add: 08/22/16
SECT 89775: Classroom meetings every other Friday: 08/19, 09/02, 09/16, 09/30, 10/14, 10/28, 11/18, and 12/02.

KINLEC-22  Practical Applications in Athletic Training IV
3.00 UNITS
Prerequisite: KINLEC-21
Course provides fourth 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: $4.00  Transfer: CSU
Grading: Letter grade only
90336 D.Bednarczyk 11:00am-12:20pm MW G-135

KINLEC-23  Outdoor Adventure(s)
2.00 UNITS
Advisory: Comfort in an outdoors environment and good physical fitness are recommended for course success.
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: $3.00  Transfer: CSU; UC
Grading: Letter grade only
91246 P.Roberts 11:00am-12:00pm MW G-134
and 72-81 hours/term arranged
08/15/16-10/17/16 Last day to add: 08/23/16
SECT 91246: A three-day field trip to the Sierra’s scheduled for October 14-16 or weekend trips to local mountains is a required part of this class. There are fees for the field trip.

KINLEC-24  Biomechanics
3.00 UNITS
Advisory: Completion of BIOL-20.
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
90336 D.Bednarczyk 11:00am-12:20pm MW G-135

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.

Visit our website at www.chaffey.edu for application and registration information.
Kinesiology: Team (KINTM)

KINTM-3 Basketball Team Activity, Women 1.00 UNIT
Limitation on Enrollment: Enrollment based on a successful tryout.
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: $1.00 Transfer: CSU; UC credit limitations
Grading: Letter grade only
89803 L.Burnett 1:00pm-2:51pm MTWTH SPRT-GYM
08/15/16-09/29/16 Last day to add: 08/21/16

KINTM-4 Softball Team Activity, Women 1.00 UNIT
Limitation on Enrollment: Enrollment is based on a successful tryout.
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: $1.00 Transfer: CSU; UC credit limitations
Grading: Letter grade only
89817 T.Senyo 9:30am-10:50am TTH G-S/FIELD

KINTM-6 Basketball Team Activity, Men 1.00 UNIT
Limitation on Enrollment: Enrollment is based on a successful tryout.
Designed for men interested in playing competitive men's basketball. Instructor consent required for enrollment. May be taken 4 times.
Materials Fee: $1.00 Transfer: CSU; UC credit limitations
Grading: Letter grade only
89829 P.Harris 3:00pm-4:51pm MTWTH G-GYM
08/15/16-09/29/16 Last day to add: 08/21/16

KINTM-11 Swimming Team Activity, Men and Women 1.00 UNIT
Limitation on Enrollment: Enrollment is based on a successful tryout, as above average swimming ability is required.
Open-entry(exit) activity course teaching the rules and fundamental skills involved in competitive swimming. Designed for students interested in competitive swimming. Instructor consent required for enrollment. May be taken 4 times.
Materials Fee: $1.00 Transfer: CSU; UC credit limitations
Grading: Letter grade only
90299 M.Dickson 6:00am-7:20am TTH G-POOL
SECT 90299: Enrollment limited to men's swimming athletes.
90408 J.Spalding 9:30am-10:50am MW G-POOL
SECT 90408: Enrollment limited to women's swimming athletes.

KINTM-18 Beginning Dance/Cheer Team 1.00 UNIT
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: $1.00 Transfer: CSU; UC credit limitations
Grading: Letter grade only
90421 R.Fawcett 6:30pm-7:50pm MW G-GYM

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: $2.00 Transfer: CSU; UC credit limitations
Grading: Letter grade only
91204 J.Harlow 1:30pm-4:30pm MTTH G-BB/FIELD
09/06/16-11/21/16 Last day to add: 09/19/16

KINTM-41 Intercollegiate Football 3.00 UNITS
Limitation on Enrollment: Enrollment is restricted to student athletes who meet both skill and eligibility requirements.
Advanced skills for competing in football contests. Information and daily practice to develop a high level of proficiency in football skills and techniques. Instructor consent required for enrollment. May be taken 4 times.
Materials Fee: $3.00 Transfer: CSU; UC credit limitations
Grading: Letter grade only
90476 STAFF 175 hours/term arranged SPRT-GYM
08/15/16-12/10/16 Last day to add: 11/10/16

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: $2.00 Transfer: CSU; UC credit limitations
Grading: Letter grade only
90504 L.Choven 175 hours/term arranged SPRT-GYM
08/15/16-12/04/16 Last day to add: 11/06/16

KINTM-45 Intercollegiate Water Polo Team, Men 3.00 UNITS
Limitation on Enrollment: Enrollment is restricted to student athletes who meet both skill and eligibility requirements.
Intercollegiate water polo team involving advanced knowledge and skills of all aspects of competitive play. Instructor consent required for enrollment. May be taken 4 times.
Materials Fee: $2.00 Transfer: CSU; UC credit limitations
Grading: Letter grade only
90521 C.Carlson 175 hours/term arranged G-POOL
08/15/16-11/19/16 Last day to add: 10/26/16

KINTM-48 Intercollegiate Cross Country, Men 3.00 UNITS
Limitation on Enrollment: Enrollment is restricted to student athletes who meet both skill and eligibility requirements.
Opportunity for men to compete at the intercollegiate level in cross country. Instructor consent required for enrollment. May be taken 4 times.
Materials Fee: $0.00 Transfer: CSU
Grading: Letter grade only
90557 R.Lander 175 hours/term arranged G-TRACK
08/15/16-11/19/16 Last day to add: 10/26/16

WAIT LISTED FOR A CLASS? YOU WILL BE NOTIFIED VIA YOUR CHAFFEY EMAIL IF YOU ARE ABLE TO ADD. SEE THE WAITLIST POLICY ON PAGE 12 FOR MORE INFORMATION.
KINTM-54 Intercollegiate Soccer Team, Men 3.00 UNITS
Limitation on Enrollment: Enrollment is restricted to student athletes who meet both skill and eligibility requirements.
Opportunity for men to compete at the intercollegiate level in soccer. Instructor consent required for enrollment. May be taken 4 times.
Materials Fee: $2.00 Transfer: CSU; UC credit limitations
Grading: Letter grade only

KINTM-55 Intercollegiate Soccer 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 soccer. Instructor consent required for enrollment. May be taken 4 times.
Materials Fee: $2.00 Transfer: CSU; UC credit limitations
Grading: Letter grade only

KINTM-56A Intercollegiate Basketball Team, Women 1.50 UNITS
(Fall)
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 basketball during the Fall semester pre-season and non-conference schedule. Instructor consent required for enrollment. May be taken 4 times.
Materials Fee: $2.00 Transfer: CSU; UC credit limitations
Grading: Letter grade only

KINTM-57A Intercollegiate Basketball Team, Men 1.50 UNITS
(Fall)
Limitation on Enrollment: Enrollment is restricted to student athletes who meet both skill and eligibility requirements.
Opportunity for men to compete at the intercollegiate level in basketball in the Fall semester pre-season and non-conference schedule. Instructor consent required for enrollment. May be taken 4 times.
Materials Fee: $2.00 Transfer: CSU; UC credit limitations
Grading: Letter grade only

KINTM-62A Football Strength and Conditioning 0.50 UNITS
for Athletes
Limitation on Enrollment: Concurrent or previous enrollment in any Football KINTM course.
Advanced sport-specific drills and exercises for football athletes. Exercises are prescribed by the instructor and are tailored to the physical demands of the sport and individuals’ capabilities. Instructor consent required for enrollment. May be taken four times.
Materials Fee: $1.00 Transfer: CSU
Grading: Letter grade only

KINTM-61A Basketball Strength and Conditioning 0.50 UNITS
for Athletes
Limitation on Enrollment: Concurrent or previous enrollment in any Basketball KINTM course.
Advanced sport-specific drills and exercises for basketball athletes. Exercises are prescribed by the instructor and are tailored to the physical demands of the sport and individuals’ capabilities. Instructor consent required for enrollment. May be taken four times.
Materials Fee: $1.00 Transfer: CSU
Grading: Letter grade only

KINTM-60 Intercollegiate Water Polo Team, Women 3.00 UNITS
Limitation on Enrollment: Enrollment is restricted to student athletes who meet both skill and eligibility requirements.
Intercollegiate women’s water polo team, involving skills and knowledge of all aspects of competitive play. Instructor consent required for enrollment. May be taken 4 times.
Materials Fee: $2.00 Transfer: CSU; UC credit limitations
Grading: Letter grade only

KINTM-49 Intercollegiate Cross Country, 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 cross country. Instructor consent required for enrollment. May be taken 4 times.
Materials Fee: $0.00 Transfer: CSU
Grading: Letter grade only

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.

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
KINTM-64 Softball Strength and Conditioning for Athletes 1.00 UNIT
Limitation on Enrollment: Concurrent or previous enrollment in any Softball KINTM course.
Advanced sport-specific drills and exercises for softball athletes. Exercises are prescribed by the instructor and are tailored to the physical demands of the sport and individuals’ capabilities. Instructor consent required for enrollment. May be taken four times.
Materials Fee: $1.00
Grading: Letter grade only
91221 P.Roberts 8:00am-9:20am TTH G-111

KINTM-65A Water Polo Strength and Conditioning 0.50 UNITS for 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. Instructor consent required for enrollment. May be taken four times.
Materials Fee: $1.00
Grading: Letter grade only
91222 P.Roberts 9:30am-10:30am TTH G-111
08/15/16-11/08/16 Last day to add: 08/22/16
SECT 91222: Enrollment limited to women’s water polo athletes.
91223 P.Roberts 9:30am-10:30am TTH G-111
08/15/16-11/08/16 Last day to add: 08/29/16
SECT 91223: Enrollment limited to men’s water polo athletes.

KINTM-66A Baseball Strength and Conditioning for Athletes 0.50 UNITS
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. Instructor consent required for enrollment. May be taken four times.
Materials Fee: $1.00
Grading: Letter grade only
91228 P.Roberts 12:30pm-1:20pm TTH G-111
08/16/16-12/06/16 Last day to add: 08/31/16

KINTM-69 Cross Country Strength and Conditioning 1.00 UNIT for Athletes
Limitation on Enrollment: Concurrent or previous enrollment in any Cross Country KINTM course.
Advanced sport-specific drills and exercises designed for cross country athletes. Increased volume, intensity, frequency, and duration of specific activities improve strength, speed, flexibility, and overall conditioning, to enhance athletic performance. Exercises are prescribed by the instructor and are tailored to the physical demands of the sport and individuals’ capabilities. Instructor consent required for enrollment. May be taken four times.
Materials Fee: $0.00
Grading: Letter grade only
90628 R.Lander 4:00pm-5:10pm TTH G-205
08/15/16-12/01/16 Last day to add: 09/01/16

Management
(See Business: Management)
MATH-31  Plane Trigonometry  4.00 UNITS
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: $1.00  Transfer: CSU
Grading: Letter grade only

MATH-60  Calculus for Business  4.00 UNITS
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. (C-ID MATH 140)
Materials Fee: $1.00  Transfer: CSU; UC
Grading: Letter grade only

MATH-61  Pre-Calculus  4.00 UNITS
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: $1.00  Transfer: CSU; UC credit limitations
Grading: Letter grade only

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 page 17

Additional sections of some classes may be available; check the Chino, Fontana, and Hybrid/Online sections.
MATH-65A Calculus I 4.00 UNITS
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. (C-ID MATH 211)
Materials Fee: $1.00  Transfer: CSU; UC
Grading: Letter grade only
89555 R.Kopp 7:30am-9:20am  TTH  MATH-114
89558 C.Sardan 10:00am-11:50am  MW  PS-123
89556 STAFF 12:00pm-1:50pm  TTH  MATH-114
89554 H.Croft-Seidler 4:30pm-6:45pm  MTWTH  MATH-112
08/15/16-10/05/16  Last day to add: 08/19/16
SECT 89554: Fast-track class linked with MATH-65B, section 89560. See pages 175-181 for more info.
89559 D.Valdez 7:00pm-8:50pm  MW  PS-123
(another section at Chino)

MATH-65B Calculus II 4.00 UNITS
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. (C-ID MATH 221)
Materials Fee: $1.00  Transfer: CSU; UC
Grading: Letter grade only
89561 M.Tavakoli 7:30am-9:20am  MW  MATH-114
89564 R.Witt 10:00am-11:50am  TTH  MATH-114
89563 A.Roebuck 2:00pm-3:50pm  TTH  MATH-114
89560 H.Croft-Seidler 4:30pm-6:45pm  MTWTH  MATH-112
10/17/16-12/07/16  Last day to add: 10/21/16
89562 R.Piamonte 7:00pm-8:50pm  MW  MATH-114

MATH-75 Calculus III 5.00 UNITS
Prerequisite: MATH-65B.
Vectors; lines, planes, and surfaces in space; cylindrical and spherical coordinates; vector-valued functions; functions of several variables; differential calculus; and more. Students may be required to obtain a graphing utility for the course. (C-ID MATH 230)
Materials Fee: $1.00  Transfer: CSU; UC
Grading: Letter grade only
89565 M.Tavakoli 9:30am-11:50am  MW  MATH-114
89566 M.Wardak 4:30pm-6:50pm  TTH  MATH-114

MATH-81 Linear Algebra 4.00 UNITS
Prerequisite: MATH-75.
Systems of linear equations; vectors, matrices and determinants; 2- and 3-dimensional vectors; vector spaces, linear transformations; eigenvalues and eigenvectors; linear transformations. (C-ID MATH 250)
Materials Fee: $4.00  Transfer: CSU; UC
Grading: Letter grade only
89567 STAFF 7:30am-9:20am  TTH  PS-121

MATH-85 Differential Equations 4.00 UNITS
Prerequisite: MATH-75.
Advisory: Prior experience with a graphing calculator is needed.
Methods of solving ordinary differential equations, including existence of solutions, series solutions, and singular points. Laplace transforms and linear systems. A graphing utility is required for this course; see instructor for details since CAS-based calculators may be prohibited. (C-ID MATH 240)
Materials Fee: $1.00  Transfer: CSU; UC
Grading: Letter grade only
89568 M.Du 2:00pm-3:50pm  MW  MATH-114

MATH-401 Mathematics for Health Science 1.00 UNIT
Prerequisite: Eligibility for MATH-410 as determined by the Chaffey assessment process, or completion of MATH-520.
Course is targeted to students applying for the Nursing A.D.N. program. Topics include: metric, apothecary, and household systems of measurement; system conversions; adult and child dosages, and calculations involving oral, intravenous, and intramuscular medication administrations.
Materials Fee: $1.00
Grading: Letter grade only
89400 STAFF 2:00pm-3:20pm  TTH  VSS-109
08/30/16-10/06/16  Last day to add: 08/31/16
89401 STAFF 2:00pm-3:20pm  TTH  VSS-109
10/18/16-11/29/16  Last day to add: 10/19/16
89402 STAFF 4:00pm-5:20pm  TTH  PS-102
08/30/16-10/06/16  Last day to add: 08/31/16
(more sections at Chino)

MATH-410 Elementary Algebra 4.00 UNITS
Prerequisite: Eligibility for MATH-410 as determined by the Chaffey assessment process, or completion of MATH-520.
Algebraic operations of addition, subtraction, multiplication, and division. Additional topics include special products and factoring, rational expressions and their operations, solution and application of linear and rational equations, graphing of linear equations in two variables, solving linear systems of two equations, and determining the equation of a line.
Materials Fee: $1.00
Grading: Letter grade only
89408 C.Cretu 7:30am-9:45am  MTWTH  PS-104
08/15/16-10/05/16  Last day to add: 08/19/16
SECT 89408: Fast-track class linked with MATH-425, section 89456. See pages 175-181 for more info.
89409 C.Cretu 7:30am-9:45am  MTWTH  PS-104
10/17/16-12/07/16  Last day to add: 10/21/16
SECT 89409: Fast-track class linked with MATH-425, section 89456. See pages 175-181 for more info.
89412 S.Bahk 7:30am-9:45am  MTWTH  VSS-201
08/15/16-10/05/16  Last day to add: 08/19/16
SECT 89412: Fast-track class linked with MATH-425, section 89456. See pages 175-181 for more info.
89422 C.Dang 7:30am-9:20am  MW  VSS-204
89434 C.Lee 7:30am-9:20am  MW  PS-125
89416 T.Nguyen 7:30am-9:20am  TTH  VSS-204
89428 A.Roebuck 7:30am-9:20am  TTH  PS-125
89404 T.Denson 9:00am-12:50pm  S  MATH-112

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. Additional sections of some classes may be available; check the Chino, Fontana, and Hybrid/Online sections.
### MATH-425 Intermediate Algebra

**4.00 UNITS**

**Prerequisite:** Eligibility for MATH-425 as determined by the Chaffey assessment process, or completion of MATH-410.

Extends concepts from Elementary Algebra. Content includes: 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:** $1.00

**Grading:** Letter grade only

<table>
<thead>
<tr>
<th>Section #</th>
<th>Instructor</th>
<th>Hours</th>
<th>Days</th>
<th>Room</th>
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**Additional sections at Chino and Fontana**

### 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, BER-101**
  - English: Reading and Writing 909/652-6820
  - ESL & Modern Languages 909/652-6907
  - Greg Creel, Instructional Specialist, Monday-Thurs 8am-8pm, Friday 10am-4pm, Saturday & Sunday 10am-3pm

- **Math Success Center, MATH-121**
  - Garrett Kenahan, Instructional Specialist, Monday-Thurs 8am-8pm, Friday 10am-4pm, Saturday & Sunday 10am-3pm

- **Multidisciplinary Success Center, Library**
  - Rose Ann Osmanian, Instructional Specialist, Monday-Thurs 8am-8pm, Friday 10am-4pm, Saturday & Sunday 10am-3pm

**Additional sections of some classes may be available; check the Chino, Fontana, and Hybrid/Online sections.**
### ATTENTION MATH-510 AND MATH-520 STUDENTS

There is an additional fee for the MyMathLab software used in these courses.

### MATH-510 Arithmetic

**Prerequisite:** Eligibility for MATH-510 as determined by the Chaffey assessment process.

- Complete study of arithmetic, including whole numbers, fractions, decimals, ratios, proportions, measurements, percentages, and signed numbers.
- Four hours of supplemental learning in a Success Center that supports this course.

- **Materials Fee:** $1.00
- **Grading:** Not degree applicable

**Example schedules:**

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### MATH-520 Pre-Algebra

**Prerequisite:** Eligibility for MATH-520 as determined by the Chaffey assessment process, or completion of MATH-510.

- For students preparing for elementary algebra. Topics include rational number arithmetic, order of operations, Pythagorean Theorem, variable expressions, solving linear equations, application problems, graphing linear equations, and polynomial operations.

- **Materials Fee:** $1.00
- **Grading:** Not degree applicable

**Example schedules:**

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<tr>
<th>SECTION #</th>
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### 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.

Additional sections of some classes may be available; check the Chino, Fontana, and Hybrid/Online sections.
### MATH-605 Preparation for the Study of Pre-Algebra 0.00 UNITS
Mathematics Review for students whose assessment results indicate placement below Arithmetic/Pre-Algebra, and who wish to re-acquire the skills needed to re-assess into a higher level mathematics course. The course focuses on operations of whole numbers, rational numbers, decimal numbers and integers. Other topics include: ratios, proportions and measurement. Successful completion of this course allows the student to bypass the 3-month waiting period for re-assessment.

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#### ATTENTION MATH-605, MATH-610 AND MATH-625 STUDENTS
There is an online software fee for these courses.

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### MATH-610 Preparation for the Study of Algebra 0.00 UNITS
Mathematics review for students whose assessment results indicate placement into Arithmetic or Pre-Algebra, and who wish to re-acquire the skills needed to re-assess into a higher level mathematics course. Course focuses on mastery of basic mathematics competencies, including: linear equations, inequalities and systems; absolute value equations and inequalities; factoring; rational expressions; radical expressions; quadratic equations and inequalities; graphing of functions; composition and inverse of functions; complex numbers; and logarithmic and exponential expressions and equations.

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### MATH-625 Preparation for the Study of College 0.00 UNITS
Algebra
Mathematics review for students whose assessment results indicate placement into Elementary Algebra and Intermediate Algebra, and who wish to re-acquire the skills needed to re-assess into a higher level mathematics course. Course focuses on mastery of algebra competencies, including: linear equations, inequalities and systems; absolute value equations and inequalities; factoring; rational expressions; radical expressions; quadratic equations and inequalities; logarithmic and exponential expressions and equations.

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<th>DAYS</th>
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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.

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#### 89875 M. Lake
3:30pm-4:50pm  TTH  CAE-102

#### 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. (C-ID MUS 100)

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(more sections online and at Chino)

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Additional sections of some classes may be available; check the Chino, Fontana, and Hybrid/Online sections.
MUSIC-5 Music Theory and Musicanship I 4.00 UNITS
Advisory: Concurrent enrollment in MUSIC-36.
This course, through guided composition and analysis, incorporates the following concepts: rhythm and meter; basic properties of sound; intervals; diatonic scales and triads; diatonic chords, basic cadential formulas and phrase structure; dominant seventh; figured bass symbols; and non-harmonic tones. Development of skills in handwritten notation is expected. Students explore the history and evolution of music notation and theory, as well as cultural influences thereon, through examination and analysis of historically and geographically diverse musical examples.
In addition, this course applies and develops the rhythmic, melodic, and harmonic materials of the first semester of Music Theory through ear training, sight singing, analysis, and dictation. (C-ID MUS 120 and MUS 125)
Materials Fee: $4.00
Grading: Letter grade only
89884 P.Aranda 9:30am-11:20am TTH CAE-101
89885 P.Aranda 3:30pm-5:20pm MW CAE-102

MUSIC-6 Music Theory and Musicanship II 4.00 UNITS
Prerequisite: MUSIC-5.
Advisory: Concurrent enrollment in MUSIC-36.
This course incorporates the concepts from Music Theory and Musicanship I. In addition, through guided composition and analysis, the course will include: an introduction to two-part counterpoint; voice leading involving four-part chorale writing; diatonic harmony; and an introduction to secondary/applied chords and modulation. Applies and develops the rhythmic, melodic, and harmonic materials of the second semester of Music Theory through ear training, sight singing, analysis, and dictation. Students continue to explore the history and evolution of music notation and theory, as well as cultural influences thereon, through examination and analysis of historically and geographically diverse musical examples. (C-ID MUS 130 and MUS-135)
Materials Fee: $0.00
Grading: Letter grade only
89886 D.Rentz 9:30am-11:20am MW CAE-101

MUSIC-7 Music Theory and Musicanship 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. (C-ID MUS 140 and MUS 145)
Materials Fee: $0.00
Grading: Letter grade only
89888 D.Rentz 2:00pm-3:50pm TTH CAE-101

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
89889 A.Yankee 7:00pm-9:50pm W CAE-101

MUSIC-16 Introduction to Recording Arts 3.00 UNITS
Theory and application of contemporary recording concepts, techniques and equipment utilizing modern technology and practice in the recording studio.
Materials Fee: $0.00
Grading: Letter grade only
89890 A.Schnurr 12:30pm-2:50pm TTH VSS-113

MUSIC-17 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: $0.00
Grading: Letter grade only
89892 A.Schnurr 9:30am-11:50am TTH TA-06

MUSIC-18 Computer-Assisted Recording and Editing 3.00 UNITS
Advisory: Completion of MUSIC-16.
Techniques and applications of recording and editing sound on personal computers. Hardware, software, editing for song, sound effects, and dialog for film.
Materials Fee: $0.00
Grading: Letter grade only
89893 A.Schnurr 3:30pm-5:50pm TTH TA-06

MUSIC-22 History and Survey of Rock Music 3.00 UNITS
Survey of rock music styles covering their origins, development, and cultural impact.
Materials Fee: $1.00
Grading: Letter grade only
89897 A.Yankee 9:00am-12:00pm F CAE-102
89894 M.Lake 2:00pm-3:20pm TTH CAE-102

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: $1.00
Grading: Letter grade only
89899 A.Maldonado 9:30am-10:50am MW CAE-102

MUSIC-35 Piano for Music Majors I 1.00 UNIT
Introduction to notation, rhythm, fingering, and the major scales, through the playing of beginning exercises and pieces.
Materials Fee: $0.00
Grading: Letter grade only
89901 M.Lee 9:30am-10:50am MW TA-06
89903 M.Lee 11:00am-12:20pm MW TA-06

PRIORITY REGISTRATION
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
MUSIC-36 Piano for Music Majors II  1.00 UNIT
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: $0.00
Grading: Letter grade only
89902 M.Lee  9:30am-10:50am  MW  TA-06
89904 M.Lee  12:30pm-1:50pm  MW  TA-06

MUSIC-37 Intermediate Piano  1.00 UNIT
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: $0.00
Grading: Letter grade only
89905 M.Lee  12:30pm-1:50pm  MW  TA-06

MUSIC-40 Beginning Guitar  1.00 UNIT
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: $2.00
Grading: Letter grade only
89906 M.Lake  5:00pm-6:20pm  TTH  CAE-102

MUSIC-58 Applied Music  0.50 UNITS
Limitation on Enrollment: Audition is required.
Corequisite: MUSIC-75, 76, 77, or 78.
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. (C-ID MUS 160)
Materials Fee: $0.00
Grading: Letter grade only
89907 P.Aranda  2:00pm-2:50pm  W  CAE-102
89908 D.Rentz  11:30am-12:20pm  MTTH  CAE-101

MUSIC-75 Concert Choir  1.00 UNIT
Limitation on Enrollment: Audition is required during the first week of class to verify 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 classical and contemporary literature for mixed choirs, both a cappella and accompanied. Attendance at public performances is required. May be taken 4 times. (C-ID MUS 180)
Materials Fee: $0.00
Grading: Letter grade only
89908 D.Rentz  12:30pm-1:20pm  MTTH  CAE-101

MUSIC-76 Chamber Choir  1.50 UNITS
Limitation on Enrollment: Audition is required first week of class, to determine basic music reading ability, tonal memory, independence in carrying an assigned part, and ability to blend with other voices.
Advisory: Experience with choral and sight-reading.
Advanced study and performance of varied choral music, with a focus on a cappella art, folk and popular music. Attendance at public performances is required. May be taken four times. (C-ID MUS 180)
Materials Fee: $0.00
Grading: Letter grade only
89909 D.Rentz  11:30am-12:20pm  MTTH  CAE-101

MUSIC-77 Community Concert Band  1.00 UNIT
Limitation on Enrollment: Students may pre-register, but will be assessed by instructor on first day of class as to ability to play a musical instrument.
Instrumental music group specializing in training and experience in a wide sampling of band repertoire, through rehearsals and performance. Attendance 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.
(C-ID MUS 180)
Materials Fee: $0.00
Grading: Letter grade only
89911 P.Aranda  7:00pm-9:50pm  W  CAE-102

MUSIC-78 Jazz Band  1.00 UNIT
Limitation on Enrollment: Intermediate to advanced proficiency on one’s musical instrument, together with the ability to read music is required. Students may pre-register, but instructor will assess students’ ability to play on the first day of class. Audition on the following instruments: trumpet, trombone, saxophone, bass and bass guitar, keyboards, drums, guitar, and auxiliary percussion.
Instrumental studio/performing group, emphasizing reading, improvisation and stylistic concepts as they apply to the intermediate/advanced player. In most instances, student is expected to supply his/her own instrument. Attendance at public performances is required. May be taken four times.
(C-ID MUS 180)
Materials Fee: $0.00
Grading: Letter grade only
89912 P.Aranda  7:00pm-9:50pm  T  CAE-102

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

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 15 for more information on the refund policy and processes.

Additional sections of some classes may be available; check the Chino, Fontana, and Hybrid/Online sections.
NURSING ASSISTANT INFORMATION
Visit Chaffey’s NA web page at www.chaffey.edu/healthsciences and select the CNA/HHA link or call 909/652-6675 for program information.

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-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: $1.00  Transfer: CSU
Grading: Letter grade only

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<td>9:00am-12:00am</td>
<td>MW</td>
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### NURADN-14  Nursing Process 1  4.00 UNITS
Limitation on Enrollment: Admission into the A.D.N. program.
Prerequisite: NURADN-6.
Corequisite: NURADN-14L.
Development of basic nursing concepts in patient-centered care, including communication, interpersonal relationships, and critical thinking skills.
Materials Fee: $0.00  Transfer: CSU
Grading: Letter grade only

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### NURADN-14L  Nursing Process 1 Laboratory  3.50 UNITS
Corequisite: NURADN-14.
Clinical application of the nursing process in providing basic care of adult and geriatric clients and their families. Application of beginning client-centered communication, interpersonal relationships, and critical thinking skills. Clinical application at long-term care and medical surgical facilities.
Grading: Pass/No Pass only

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### NURADN-26  Maternal-Newborn Nursing  2.00 UNITS
Limitation on Enrollment: Admission into the Nursing A.D.N Program.
Corequisite: NURADN-26L.
Development of maternal-newborn nursing concepts for child-bearing family using evidence-based practice, nursing process, and critical thinking skills in perinatal and clinical settings in selected community agencies.
Materials Fee: $2.00  Transfer: CSU
Grading: Letter grade only

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### NURADN-26L  Maternal-Newborn Nursing Laboratory  1.50 UNITS
Application of maternal-newborn nursing concepts in patient-centered, evidence-based care, taking into consideration individual differences, developmental level and culture.
Materials Fee: $3.00  Transfer: CSU
Grading: Pass/No Pass only

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### NURADN-27  Nursing Process 2  4.00 UNITS
Prerequisite: NURADN-3 and 3L, or NURADN-14 and 14L.
Corequisite: NURADN-27L.
Nursing care of adults in the hospital environment. Use of the nursing process and critical thinking skills in medical-surgical units.
Materials Fee: $0.00  Transfer: CSU
Grading: Letter grade only

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### NURADN-27L  Nursing Process 2 Laboratory  3.00 UNITS
Prerequisite: NURADN-14 and 14L (or 12 and 12L).
Corequisite: NURADN-27.
Nursing care of adults in the hospital environment. Use of the nursing process and critical thinking skills in medical/surgical units.
Materials Fee: $0.00  Transfer: CSU
Grading: Pass/No Pass only

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### NURADN-34  Nursing Process III  4.00 UNITS
Prerequisite: NURADN-3 and 3L, or NURADN-27 and 27L.
Corequisite: NURADN-34L.
Development of medical/surgical nursing concepts for geriatric, acute, and chronically ill patients and their families, using evidence-based nursing, the nursing process, and critical reasoning/thinking skills.
Materials Fee: $6.00  Transfer: CSU
Grading: Letter grade only

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<td>91029</td>
<td>R. Arciniega</td>
<td>9:00am-12:00pm</td>
<td>TW</td>
<td>HS-141</td>
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</tbody>
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### NURSING A.D.N. INFORMATION MEETINGS
Information sessions for the Nursing A.D.N. program are held once a month at the Rancho Cucamonga campus. Meetings are open to the public. Students interested in Chaffey’s A.D.N. program are strongly encouraged to attend.

Visit Chaffey’s A.D.N web page at www.chaffey.edu/nursing for more information.
### NURADN-34L  Nursing Process III Laboratory  3.00 UNITS

*Corequisite: NURADN-34.*  
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: $5.00  
Transfer: CSU  
Grading: Pass/No Pass only

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### NURADN-38  Family-Child Nursing  2.00 UNITS

*Limitation on Enrollment: Admission into the Nursing A.D.N Program.*  
*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: $4.00  
Transfer: CSU  
Grading: Letter grade only

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### 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: $6.00  
Transfer: CSU  
Grading: Pass/No Pass only

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<td>91107 C. Dang</td>
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### NURADN-45  Nursing Process 4  4.00 UNITS

*Prerequisite: NURADN-34 and 34L.*  
*Corequisite: NURADN-45.*  
Nursing management of critically ill clients, family, and groups of client in high acuity medical surgical and community health settings.  
Materials Fee: $0.00  
Transfer: CSU  
Grading: Letter grade only

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<td>1:00pm-3:45pm</td>
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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 15 for more information on the refund policy and processes.
### NURADN-404 Basic ECG and Dysrhythmia Interpretation

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: $3.00  
Grading: Letter grade only

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<td>Last day to add: 10/03/16</td>
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### NURADN-428 Basic Pharmacology

**Limitation on Enrollment:** Student must be in good standing in the Chaffey A.D.N. or V.N. program, or another California accredited A.D.N. or V.N. program, or be a California licensed health care provider, or student must obtain permission of the nursing program coordinator.

Basic concepts of pharmacology with an emphasis on the role of the nurse in drug administration. Course is recommended for students enrolled in a nursing program, and as Continuing Education credit for RN’s and LVN’s, BRN #00426.

Materials Fee: $1.00

Grading: Letter grade only

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<td>L.Doget</td>
<td>3:15pm-6:15pm</td>
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### NURADN-550 Health Science Skills Development I

**Limitation on Enrollment:** Students must be enrolled in the NURADN program.

Highly recommended instructor supervised application of appropriate health science clinical skills in a simulated lab setting. Skills taught correspond to skills levels in current health science programs.

Materials Fee: $1.00  
Grading: Pass/No Pass only

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### NURADN-551 Health Science Skills Development II

**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

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### Nursing: Vocational (NURVN)

(See the Chino Section)  
909/652-8215

### Nutrition and Food (NF)

#### NF-5 Nutrition for Life

Essentials of nutrition as they relate to diet, health and disease, risk reduction, stress, and nutritional deficiencies.

Materials Fee: $4.00  
Grading: Letter grade only

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<td>90365</td>
<td>C.Camayo</td>
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#### NF-11 Food Service Management Supervision

**Advisory: Completion of NF-471.**

Aspects of food service management supervision. Role of the supervisor/manager in developing personnel programs and establishing workable labor-management relationships.

Materials Fee: $4.00  
Grading: Letter grade only

(see at Chino)

#### NF-15 Nutrition I: Introduction to Nutrition Science

Introduction to the science of nutrition and its implications for human health. Scientific concepts of nutrition related to the function of nutrients in basic life processes and current health issues with emphasis on individual needs.

Materials Fee: $4.00  
Grading: Letter grade only

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#### NF-22 Nutrition and the Active Person

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: $1.00  
Grading: Letter grade only

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#### NF-27 Healthy Cooking

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: $5.00  
Grading: Letter grade only

(see at Chino)
Pharmacy Technician (PHARMT) 909/652-6675

PHARMT-401 Pharmacology of the Body Systems I 3.00 UNITS
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: $0.00
Grading: Letter grade only
89348 L.Breegle 1:00pm-4:00pm T HS-103

PHARMT-403 Principles of Community Pharmacy 1.50 UNITS Practice
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
89350 L.Breegle 9:00am-10:30am M HS-103

PHARMT-410 Over-The-Counter Products 2.00 UNITS
Limitation on Enrollment: Registration is restricted to students who have attended a mandatory orientation session and submitted a contact application to the program.
Corequisite: PHARMT-421L.
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
89353 L.Breegle 10:00am-12:00pm T HS-103

PHARMT-415 Pharmaceutical Calculations 2.00 UNITS
Limitation on Enrollment: Registration is restricted to students who have attended a mandatory orientation session and submitted a contact application to the program.
Prerequisite: Eligibility for MATH-410 as determined by the Chaffey assessment process, or completion of MATH-520.
Pharmacy calculations and application of metric, apothecary, avoirdupois, and household systems of measurements including percentages, allegations, ratio and proportion, and IV calculations. Instructor signature required.
Materials Fee: $0.00
Grading: Letter grade only
89354 L.Breegle 11:00am-1:00pm M HS-103

PHARMT-421 Community Pharmacy Operations 3.00 UNITS
Limitation on Enrollment: Registration is restricted to students who have attended a mandatory orientation session and submitted a contact application to the program.
Corequisite: PHARMT-421L.
Duties and responsibilities of the pharmacy technician working in an ambulatory setting. Emphasized topics include inventory receipt and control; prescription and medication orders screening; computerized prescription processing; medical insurance payment procedures; patient information confidentiality and relevant regulatory, legal, and ethical issues; extemporaneous compounding principles; over-the-counter drug indications and contraindications, and effective customer relations. NOTE: Student must achieve a minimum grade of "C" in both PHARMT-421 and 421L to meet course and program requirements.
Materials Fee: $3.00
Grading: Letter grade only
89355 L.Breegle 9:00am-12:00pm W HS-103
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.

PHARMT-421L Community Pharmacy Operations 1.00 UNIT Laboratory
Pre-requisite: PHARM-421
Application and practice of the knowledge, concepts, and skills acquired in the corequisite courses that are needed to operate effectively in an ambulatory setting. NOTE: Student must achieve a minimum grade of ‘C’ in both PHARM-421 and 421L to meet course and program requirements.
Materials Fee: $3.00
Grading: Letter grade only

89356 L.Breegle 9:00am-12:00pm TH HS-103
89358 L.Breegle 1:00pm-4:00pm TH HS-103

PHARMT-482 Clinical Externship 4.00 UNITS
Limitation on Enrollment: Student must have completed all Pharmacy Technician coursework with “C” or better, pass a background check, and have a recent physical examination prior to placement in a clinical facility.
Work experience in cooperation with local institutional (hospital, long-term care facility, etc.) and community (retail, chain drugstores, etc.) pharmacies. Students apply knowledge and skills through externship. Placement is by the instructor. Instructor signature required.
Materials Fee: $0.00
Grading: Letter grade only

89359 T.Maze 240-300 hours/term clinical work experience CLIN 08/15/16-12/16/16 Last day to add: 08/22/16

PHIL-70 Introduction to Philosophy 3.00 UNITS
Pre-requisite: Eligibility for ENGL-1A as determined by the Chaffey assessment process, or satisfactory completion of ENGL-475 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
Transfer: CSU; UC
Grading: Letter grade only

90978 B.King 12:00pm-2:50pm F WH-142
90976 P.Rodriguez 12:00pm-2:50pm SU SS-100
90975 B.King 12:30pm-1:50pm TTH WH-142
90974 D.Kern 2:00pm-3:20pm TTH SS-100
90971 L.Gentry 3:30pm-4:50pm TTH SS-102
90977 K.Thompson 7:00pm-10:30pm MW WH-142
10/17/16-12/05/16 Last day to add: 10/21/16
SECT 90977: Fast-track class; see pages 175-181 for more info. (more sections online and at Chino and Fontana)

PHIL-72 Seminar in Ethics 3.00 UNITS
Pre-requisite: Eligibility for ENGL-1A as determined by the Chaffey assessment process, or satisfactory completion of ENGL-475 or ESL-475.
Seminar class for the study of ethics, with an emphasis on personal, social, and political values. (C-ID PHIL 120)
Materials Fee: $0.00
Transfer: CSU; UC
Grading: Letter grade only

690989 R.Falconi 11:00am-12:20pm TTH SS-106
SECT 90989: Honors class; see page 182 for more info.
90991 R.Falconi 12:30pm-1:50pm TTH SS-106
90992 R.Falconi 2:00pm-3:20pm TTH SS-106

PHIL-73 Seminar in Contemporary American Philosophy 3.00 UNITS
Pre-requisite: Eligibility for ENGL-1A as determined by the Chaffey assessment process or satisfactory completion of ENGL-475 or ESL-475.
Study of the leading American thinkers in the areas of aesthetics, political and social theory, scientific thought, religious philosophy, and ethics.
Materials Fee: $0.00
Transfer: CSU; UC
Grading: Letter grade only

90994 D.Kern 9:30am-10:50am TTH SS-106

PHIL-75 Symbolic Logic 3.00 UNITS
Pre-requisite: ENGL-1A.
Advisory: Completion of PHIL-70.
Introduction to symbolic methods of reasoning, covering sentential logic and predicate logic. Translation of ordinary language sentences and arguments into symbolic form and evaluation of symbolized arguments. (C-ID PHIL 210)
Materials Fee: $0.00
Transfer: CSU; UC
Grading: Letter grade only

90995 D.Kern 11:00am-12:20pm TTH SS-100

PHIL-76 Critical Thinking 3.00 UNITS
Pre-requisite: 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
Transfer: CSU; UC
Grading: Letter grade only

90996 P.Rodriguez 8:00am-9:20am MW SS-111
91003 R.Livingston 9:00am-11:50am F SS-100
91009 C.Mabonzo 12:30pm-1:50pm TTH WH-112
91000 B.King 3:00pm-5:50pm F SS-100
91002 E.Kostuki 3:30pm-4:50pm MW SS-105
91014 D.Mages 7:00pm-10:30pm MW SS-100
08/15/16-10/05/16 Last day to add: 08/19/16
SECT 91014: Fast-track class; see pages 175-181 for more info.
91016 D.Mages 7:00pm-10:30pm MW SS-100
10/17/16-12/05/16 Last day to add: 10/21/16
SECT 91016: Fast-track class; see pages 175-181 for more info. (more sections online and at Chino and Fontana)
PHIL-77  History of Ancient Philosophy  3.00 UNITS
Prerequisite: Eligibility for ENGL-1A as determined by the Chaffey assessment process or satisfactory completion of ENGL-475 or ESL-475.
A survey of many of the major figures and ideas of Western philosophy from Pre-Socrates to Descartes, as well as Hellenistic, Roman, medieval and non-Western thinkers. (C-ID PHIL 130)
Materials Fee: $0.00  Transfer: CSU; UC
Grading: Letter grade only
91023 R.Mittendorf       7:00pm-9:50pm  W  SS-103

PHIL-80  Introduction to Religion  3.00 UNITS
Prerequisite: Eligibility for ENGL-1A as determined by the Chaffey assessment process, or satisfactory completion of ENGL-475 or ESL-475.
Exploration of the philosophies of religion and it's intellectual, cultural, and personal expressions.
Materials Fee: $0.00  Transfer: CSU; UC
Grading: Letter grade only
91032 S.Parise       8:00am-9:20am  MW  SS-100
91030 E.Kostuk       7:00pm-9:50pm  W  SS-104

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 ESL-475 or ESL-475.
The principles and practices of Hinduism, Buddhism, Taoism, and Confucianism in understanding self, others, and the universe.
Materials Fee: $0.00  Transfer: CSU; UC
Grading: Letter grade only
91033 B.King         3:00pm-6:30pm  TTH  SS-111
08/16/16-10/04/16  Last day to add: 08/19/16
SECT 91033: Fast-track class; see pages 175-181 for more info.
91037 B.King         3:00pm-6:30pm  TTH  SS-111
10/18/16-12/08/16  Last day to add: 10/21/16
SECT 91037: Fast-track class; see pages 175-181 for more info.

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-475 or ESL-475.
Exploration of the unity and contrast among basic Jewish, Christian, and Moslem belief systems and practices.
Materials Fee: $0.00  Transfer: CSU; UC
Grading: Letter grade only
91040 R.Falcioni       2:00pm-3:20pm  MW  SS-100
91039 R.Livingston     5:30pm-6:50pm  MW  SS-101

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: $8.00  Transfer: CSU; UC
Grading: Letter grade only
90181 C.Crone        9:30am-12:20pm  MW  CAA-123
90183 J.Porter       9:30am-3:20pm  F  CAA-123
90192 M.Shain        12:30pm-3:20pm  MW  CAA-123
90184 K.Haddad       3:30pm-6:20pm  T  CAA-123
and
08/15/16-12/16/16  Last day to add: 08/22/16
SECT 90184: Hybrid class; see page 159 for more info.
90191 K.Haddad       3:30pm-6:20pm  TH  CAA-123
and
08/15/16-12/16/16  Last day to add: 08/22/16
SECT 90191: Hybrid class; see page 159 for more info.
90193 J.Shafer        6:30pm-9:20pm  MW  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: $17.00  Transfer: CSU; UC
Grading: Letter grade only
90194 N.Russell      9:30am-12:20pm  TTH  CAA-123
90215 K.Haddad       12:30pm-3:20pm  T  CAA-123
and
08/15/16-12/16/16  Last day to add: 08/22/16
SECT 90215: Hybrid class; see page 159 for more info.
90198 K.Haddad       3:30pm-6:20pm  W  CAA-123
and
08/15/16-12/16/16  Last day to add: 08/22/16
SECT 90198: Hybrid class; see page 159 for more info.
90195 B.Bischoff      6:30pm-9:20pm  TTH  CAA-123

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  Transfer: CSU; UC
Grading: Letter grade only
90199 A.Lepore       9:30am-12:20pm  TTH  CAA-127
90201 K.Emmett       12:30pm-3:20pm  TTH  CAA-127
90202 S.Black        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: $0.00  Transfer: CSU; UC
Grading: Letter grade only
90204 A.Alger        3:30pm-6:20pm  MW  CAA-129

Photography (PHOTO)  
909/652-6066

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: $0.00  Transfer: CSU; UC
Grading: Letter grade only
90177 STAFF       9:30am-10:50am  MW  CAA-211
(more sections at Chino and Fontana)
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: $0.00
Grading: Letter grade only
90207 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. Students produce a portfolio of projects, and must supply an adjustable camera for use in the course.
Materials Fee: $0.00
Grading: Letter grade only
90210 L.Lewis                             9:30am-12:20pm         F         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
91093 A.Sanchez                           12:30pm-3:20pm        MW        CAA-127

PHOTO-432  Wedding Photography Portfolio       2.00 UNITS
Prerequisite: PHOTO-7.
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
90213 L.Lewis                             1:00pm-3:50pm          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
90205 A.Alger                             3:30pm-6:20pm          MW        CAA-127

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: $1.00
Grading: Letter grade only
90821 STAFF                              12:30pm-1:50pm         MW        PS-112
90823 STAFF                              7:00pm-8:20pm          MW        HS-127

PHYS-6  Ideas of Physics Lab 1.00 UNIT
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: $0.00
Grading: Letter grade only
90992 STAFF                              4:00pm-6:50pm          M         PS-120

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.
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.
(C-ID CHEM 140 and PHYS 140)
Materials Fee: $1.00
Grading: Letter grade only
90464 V.Prutyanov                       4:00pm-5:20pm          TTH        ZH-122
                                      and                        5:30pm-6:50pm          TTH        CHEM-125

PHYS-6  Ideas of Physics Lab 1.00 UNIT
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: $0.00
Grading: Letter grade only
90992 STAFF                              4:00pm-6:50pm          M         PS-120

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.
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.
(C-ID CHEM 140 and PHYS 140)
Materials Fee: $1.00
Grading: Letter grade only
90464 V.Prutyanov                       4:00pm-5:20pm          TTH        ZH-122
                                      and                        5:30pm-6:50pm          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: $1.00
Grading: Letter grade only
90821 STAFF                              12:30pm-1:50pm         MW        PS-112
90823 STAFF                              7:00pm-8:20pm          MW        HS-127

PHYS-6  Ideas of Physics Lab 1.00 UNIT
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: $0.00
Grading: Letter grade only
90992 STAFF                              4:00pm-6:50pm          M         PS-120

WAIT LISTED FOR A CLASS?
YOU WILL BE NOTIFIED VIA YOUR CHAFFEY EMAIL IF YOU ARE able TO ADD.
SEE THE WAITLIST POLICY ON PAGE 12 FOR MORE INFORMATION.

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

**PHYS-20A**  **Algebra/Trigonometry College Physics I 4.00 UNITS**  
Prerequisite: MATH-31, and PHYS-5 or one year of high school physics.  
Concepts of mass, force, Newton’s Laws of Motion, momentum, impulse, work, energy, power, and more.  
(C-ID PHYS 105)  
Materials Fee: $2.00  
Transfer: CSU; UC credit limitations  
Grading: Letter grade only

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**PHYS-30A**  **Physics for the Medical and Life 4.00 UNITS Sciences I**  
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, power, and for students majoring in life or medical science, or engineering technology, whose university major requires calculus-based physics.  
(C-ID PHYS 105)  
Materials Fee: $2.00  
Transfer: CSU; UC credit limitations  
Grading: Letter grade only

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**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

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**PHYS-45**  **Physics for Scientists and Engineers I 5.00 UNITS**  
Prerequisite: MATH-65A, and PHYS-44 or completion of high school physics.  
Calculus-based physics with a focus on mechanics of motion.  
(C-ID PHYS 205)  
Materials Fee: $4.00  
Transfer: CSU; UC credit limitations  
Grading: Letter grade only

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**PHYS-46**  **Physics for Scientists and Engineers II 5.00 UNITS**  
Prerequisite: PHYS-45 and MATH-65B.  
Calculus-based physics with a focus on electromagnetic concepts.  
(C-ID PHYS 210)  
Materials Fee: $4.00  
Transfer: CSU; UC credit limitations  
Grading: Letter grade only

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**PHYS-47**  **Physics for Scientists and Engineers III 5.00 UNITS**  
Prerequisite: MATH-65B and PHYS-45.  
Calculus-based physics with a focus on thermodynamics and wave motions.  
(C-ID PHYS 215)  
Materials Fee: $4.00  
Transfer: CSU; UC credit limitations  
Grading: Letter grade only

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### Political Science (PS)

**909/652-6253**

**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.  
(C-ID POLS 110)  
Materials Fee: $0.00  
Transfer: CSU; UC  
Grading: Letter grade only

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Additional sections of some classes may be available; check the Chino, Fontana, and Hybrid/Online sections.
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. (C-ID POLS 150)
Materials Fee: $0.00  Transfer: CSU; UC
Grading: Letter grade only
91088 L. Bohon  12:00pm-2:50pm  F  SS-104
(more sections at Chino and Fontana)

PS-3  California Politics and Culture  3.00 UNITS
Advisory: Completion of ENGL-1A.
Study of state, county, and municipal government with an emphasis on California’s unique heritage, culture, people, and politics.
Materials Fee: $0.00  Transfer: CSU; UC
Grading: Letter grade only
91105 K. Cameron  2:00pm-3:20pm  MW  SS-104

PS-4  Political Theory  3.00 UNITS
Advisory: Completion of ENGL-1A.
Introduction to the philosophical underpinnings of historical and contemporary political systems. Analysis of theoretical concepts including the nature of justice, power, freedom, and democracy. (C-ID POLS 120)
Materials Fee: $0.00  Transfer: CSU; UC
Grading: Letter grade only
91107 K. Cameron  2:00pm-3:20pm  TTH  SS-104

PS-7  International Relations  3.00 UNITS
Advisory: Completion of ENGL-1A.
Survey of historical and contemporary international relations. Examination of key IR theories and research methodologies. Foreign policies of major states, areas of conflict and tension, and aspects of globalization. (C-ID POLS 140)
Materials Fee: $0.00  Transfer: CSU; UC
Grading: Letter grade only
91108 P. Tang  2:00pm-3:20pm  TTH  SS-103

PS-10  Comparative Politics  3.00 UNITS
Advisory: Completion of ENGL-1A.
Study of political systems through analysis of democracies, current/former communist states, and developing states. Focus on the impact of ideological, social, economic, and historical factors. (C-ID POLS 130)
Materials Fee: $0.00  Transfer: CSU; UC
Grading: Letter grade only
91087 P. Tang  3:30pm-4:50pm  TTH  SS-100

PS-25  Latino Politics  3.00 UNITS
Advisory: Completion of ENGL-1A.
Examination of political issues within the Latino community, including influence, civil rights, discrimination, immigration, affirmative action, assimilation, acculturation, citizenship, and voting affiliation.
Materials Fee: $0.00  Transfer: CSU; UC
Grading: Letter grade only
91104 L. Bohon  9:30am-10:50am  MW  SS-104

PS-32  Law and Society  3.00 UNITS
Advisory: Completion of ENGL-1A.
Analysis of law: its functions, cultural variations, legal theories of justice, and as a tool of social change.
Materials Fee: $0.00  Transfer: CSU; UC
Grading: Letter grade only
91106 M. Carter  9:00am-11:50am  F  SS-103

**Psychology (PSYCH)**

PSYCH-1  Introduction to Psychology  3.00 UNITS
Advisory: Completion of GUID-2, and eligibility for ENGL-1A as determined by the Chaffey assessment process or completion of ENGL-475 or ESL-475.
Survey of psychology, including research methods, history and systems, lifespan, 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
91137 STAFF  8:00am-9:20am  MW  SS-108
91138 R. Godfrey  9:30am-10:50am  MW  AT-L105
91124 N. Barbari  9:30am-10:50am  TTH  SS-108
91129 H. Lucas  11:00am-2:30pm  TTH  SS-110
08/16/16-04/16  Last day to add: 08/19/16
SECT 91129: Fast-track class; see pages 175-181 for more info.
91130 A. Sadowski  11:00am-12:20pm  T  ATL-105
and Online hours  INET
08/15/16-12/16  Last day to add: 08/22/16
SECT 91130: Hybrid class; see page 159 for more info.
91131 A. Sadowski  11:00am-12:20pm  TH  ATL-105
and Online hours  INET
08/15/16-12/16  Last day to add: 08/22/16
SECT 91131: Hybrid class; see page 159 for more info.
91136 L. Gonzaga  12:00pm-2:50pm  SU  SS-108
91126 N. Barbari  12:30pm-1:50pm  TTH  ATL-105
91128 N. Milani  1:00pm-4:00pm  S  ATL-105
91127 M. Di Lorenzo  2:00pm-4:50pm  M  SS-108
91140 H. Lucas  6:00pm-8:50pm  F  SS-108
91139 M. Fitzpatrick  7:00pm-9:50pm  M  SS-108
91134 C. Umali Kopp  7:00pm-9:50pm  W  WH-112
91135 M. Jennings  7:00pm-9:50pm  TH  ATL-105
(more sections online and at Chino and Fontana)

PSYCH-5  Personal and Social Awareness  3.00 UNITS
Prerequisite: PSYCH-1.
Factors affecting personal and social awareness, including culture, gender, ethnicity, historical cohorts, and socioeconomic status are examined using psychological perspectives. (C-ID PSY 115)
Materials Fee: $0.00  Transfer: CSU
Grading: Letter grade only
91205 J. Glass  3:00pm-6:30pm  MW  SS-106
08/15/16-10/05/16  Last day to add: 08/19/16
SECT 91205: Fast-track class; see pages 175-181 for more info.
(another section at Chino)

PSYCH-20  Developmental Psych: Childhood and Adolescence  3.00 UNITS
Prerequisite: PSYCH-1.
Study of human development from conception through adolescence. Physical, social, and cognitive changes in development are examined in light of contemporary research and theory.
Materials Fee: $0.00  Transfer: CSU; UC credit limitations
Grading: Letter grade only
91141 J. Buchanan  11:00am-12:20pm  MW  SS-108
PSYCH-25  Developmental Psychology: Lifespan  3.00 UNITS

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 credit limitations
Grading: Letter grade only

91165 R.Godfrey  8:00am-9:20am MW ATL-105
91158 M.Fitzpatrick  9:00am-11:50am F WH-142
91162 N.Milani  9:00am-12:00pm S SU SS-108
91169 L.Gonzaga  9:00am-11:50am SU SS-108
91160 M.DiLorenzo  9:30am-10:50am MW WH-112
91168 M.DiLorenzo  11:00am-12:20pm MW WH-112
91166 STAFF  12:30pm-1:50pm MW SS-108
91167 J.Buchanan  2:00pm-4:50pm W SS-108
91159 STAFF  3:30pm-6:20pm TH ATL-105
91164 C.Umali Kopp  7:00pm-9:50pm M WH-112

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

91180 J.Buchanan  9:30am-10:50am MW SS-108

PSYCH-55  Abnormal Psychology  3.00 UNITS

Prerequisite: PSYCH-1.
Introduction to psychopathology. Disorders of sensation, perception, emotions, and thinking, and their nature, causes, and effects on life. Analysis of attempts at alleviation, helping therapies, and problem intervention. (C-ID PSY 120)
Materials Fee: $0.00  Transfer: CSU; UC
Grading: Letter grade only

91209 A.Sadowski  9:30am-10:50am TTH ATL-105

PSYCH-65  Social Psychology  3.00 UNITS

Prerequisite: PSYCH-1.
Individual human behavior in relation to the social environment. Topics include aggression, prejudice and stereotypes, interpersonal attraction, attitudes and attitude change, conformity, group phenomena, gender roles, cultural norms, person perception, and social cognition. (C-ID PSY 170)
Materials Fee: $0.00  Transfer: CSU; UC
Grading: Letter grade only

91212 M.DiLorenzo  11:00am-2:30pm TTH SS-108
08/16/16-10/04/16 Last day to add: 08/19/16
SECT 91212: Fast-track class; see pages 175-181 for more info.
91216 C.Lamb  3:00pm-6:30pm MW CD-124B
10/17/16-12/05/16 Last day to add: 10/21/16
SECT 91216: Fast-track class; see pages 175-181 for more info.

PSYCH-80  Research Methods in Psychology  4.00 UNITS

Prerequisite: PSYCH-1 and SSCI-10.
Survey of research methods currently used in psychology including archival, naturalistic observation, case study, survey, and field and laboratory experiments. Students will conduct research and analyze data. (C-ID PSY 205B)
Materials Fee: $0.00  Transfer: CSU; UC
Grading: Letter grade only

91225 STAFF  2:00pm-4:50pm MW ATL-105

Radiologic Technology (RADTEC)  909/652-7606

RADTEC-10  Anatomy and Radiographic Positioning I  3.00 UNITS

Limitation on Enrollment: Admission to the Radiologic Technology program is required. Corequisite: RADTEC-10L.
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.
Materials Fee: $7.00  Transfer: CSU
Grading: Letter grade only

91155 A.Dutton  12:00pm-3:00pm M RSAM-01

RADTEC-10L  Laboratory for Anatomy and Radiographic Positioning I  1.00 UNIT

Limitation on Enrollment: Admission to the Radiologic Technology program is required. Corequisite: RADTEC-10.
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.
Materials Fee: $15.00  Transfer: CSU
Grading: Letter grade only

91171 A.Dutton  8:00am-11:00am T RSAM-01
91173 J.Leahy  8:00am-11:00am T RSAM-01
91174 A.Dutton  12:00pm-3:00pm T RSAM-01
91176 J.Leahy  12:00pm-3:00pm T RSAM-01

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.

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.
### RADTEC-16 Medical Procedures for Radiologic Technologists 3.00 UNITS

**Limitation on Enrollment:** Admission to the Radiologic Technology program

**Corequisite:** RADTEC-16L

Overview of radiography's foundations and the practitioner's role in the healthcare delivery system, to include radiology's history, legal terminology, concepts, principles, professional responsibilities, and safety.

Materials Fee: $26.00

Grading: Letter grade only

91177 STAFF

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### RADTEC-16L Laboratory for Medical Procedures for Radiologic Technologists 1.00 UNIT

**Limitation on Enrollment:** Admission to the Radiologic Technology program.

**Corequisite:** RADTEC-16

Discussion, application, role-play and timed simulated procedure evaluations of the medical procedures and techniques commonly used in radiology departments.

Materials Fee: $20.00

Grading: Letter grade only

91178 T.Ortiz

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### RADTEC-20 Radiologic Science and Protection 3.00 UNITS

**Limitation on Enrollment:** Admission to the Radiologic Technology program is required.

**Corequisite:** RADTEC-20L

Fundamental properties of radiation, x-ray production, and interaction with matter, including the operation of radiographic equipment and digital imaging systems.

Materials Fee: $7.00

Grading: Letter grade only

91183 M.Soto

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### RADTEC-20L Laboratory for Radiologic Science and Protection 1.00 UNIT

**Limitation on Enrollment:** Admission to the Radiologic Technology program is required.

**Corequisite:** RADTEC-20

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.

Materials Fee: $20.00

Grading: Letter grade only

91184 M.Soto

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### RADTEC-31 Radiographic Clinical Education I 2.00 UNITS

**Limitation on Enrollment:** Admission to the Radiologic Technology Program.

Development, application, critical analysis, and integration of theory. The student first observes and then performs - under direct supervision - patient care and radiographic procedures.

Materials Fee: $26.00

Grading: Letter grade only

91200 A.Dutton

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### RADTEC-61 Radiographic Clinical Education IV 8.00 UNITS

**Limitation on Enrollment:** Admission to the Radiologic Technology program is required.

Clinical practice experiences designed for sequential development, application, critical analysis, integration, synthesis and evaluation of concepts and theories in the performance of radiologic procedures.

Materials Fee: $25.00

Grading: Letter grade only

91201 A.Dutton

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### RADTEC-66 Anatomy and Radiographic Positioning III 3.00 UNITS

**Limitation on Enrollment:** Must be a 2nd year student in the Radiologic Technology Program in good standing.

**Corequisite:** RADTEC-66L

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.

Materials Fee: $4.00

Grading: Letter grade only

91191 M.Soto

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### RADTEC-66L Laboratory for Anatomy and Radiographic Positioning III 1.00 UNIT

**Limitation on Enrollment:** Must be a 2nd year student in the Radiologic Technology Program 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: $26.00

Grading: Letter grade only

91191 M.Soto

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

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

MyChaffey Portal

The MyChaffey portal, which provides access to important resources and information, is typically available 24 hours a day, seven days a week. Registration-related functions, however, (registration, payments, class schedules, etc.) are often not available on Sundays, due to system maintenance.
RADETCE-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: $4.00
Grading: Letter grade only

RADETCE-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-470L.
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: $14.00
Grading: Letter grade only

RE-10  Real Estate Principles  3.00 UNITS
Fundamentals of real estate covering basic laws and principles of California real estate. Gives understanding, background, and terminology necessary for advanced study in the specialized courses. Meets licensing requirements.
Materials Fee: $0.00  Transfer: CSU
Grading: Letter grade only

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. Applications using data from disciplines including business, social sciences, psychology, life science, health science, and education. Use of computerized statistical packages such as SPSS. Note: Nurses earn 50 hours of CE credit BRN #00426. (C-ID SOCI 125)
Materials Fee: $0.00  Transfer: CSU; UC credit limitations
Grading: Letter grade only

SCSCI-17  Human Sexuality  3.00 UNITS
Advisory: Completion of one or more behavioral science courses. Interdisciplinary introduction to human sexuality, with an emphasis on sexual values, sexual communication, and sexual relationships. Includes physiological, cross-cultural, historical, sociological, and psychological information, as well as an evaluation of sex research. Note: Nurses earn 54 hours of CE credit: BRN #00426.
Materials Fee: $0.00
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
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. Examination and analysis of social structure, group membership and dynamics, socialization and the self, social stratification, culture and diversity, social change and globalization. Materials Fee: $0.00 Transfer: CSU; UC Grading: Letter grade only

91263 S.Gomez  7:15am-10:45am  TTH  SS-110
08/16/16-10/04/16 Last day to add: 08/21/16
SECT 91263: Fast-track class; see pages 175-181 for more info.

91264 S.Gomez  7:15am-10:45am  TTH  SS-110
10/16/16-12/08/16 Last day to add: 10/21/16
SECT 91264: Fast-track class; see pages 175-181 for more info.

91254 T.Ubovich  8:00am-9:20am  MW  SS-101
91252 K.McLoughlin  8:00am-9:20am  TTH  SS-108
91266 K.Lindleaf  9:00am-11:50am  F  SS-108
91269 L.Gaetje  9:00am-11:50am  SU  SS-110
91270 H.Inoue  9:00am-12:00pm  S  SS-108
91260 N.McCool  9:30am-10:50am  TTH  SS-101
91253 T.Ubovich  11:00am-12:20pm  MW  SS-101
91261 N.McCool  11:00am-12:20pm  TTH  SS-110
91251 D.Gutknecht  12:30pm-1:50pm  MW  SS-110
91267 P.Snyder  12:30pm-1:50pm  TTH  SS-100
91255 P.Snyder  2:00pm-3:20pm  TTH  SS-102
91265 P.Snyder  5:00pm-6:20pm  TTH  SS-110
91262 K.Lindleaf  7:00pm-9:50pm  M  SS-110
91272 STAFF  7:00pm-10:30pm  MW  SS-111
10/17/16-12/07/16 Last day to add: 10/21/16
SECT 91272: Fast-track class; see pages 175-181 for more info.

91271 STAFF  12:30pm-1:50pm  MW  SS-113

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: $0.00 Transfer: CSU; UC Grading: Letter grade only

91309 STAFF  12:30pm-1:50pm  MW  SS-101

SOC-15  Ethnic and Race Relations: U.S. and Global Perspectives  3.00 UNITS
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: $0.00 Transfer: CSU; UC Grading: Letter grade only

91311 D.Gutknecht  9:30am-10:50am  MW  SS-111

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 division 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

91336 P.Shelby  8:00am-9:20am  TTH  SS-101
91337 T.Ubovich  9:30am-10:50am  MW  WH-102
91318 J.Song  11:00am-2:30pm  TTH  SS-101
08/16/16-10/04/16 Last day to add: 08/19/16
SECT 91318: Fast-track class; see pages 175-181 for more info.

91319 J.Song  11:00am-2:30pm  TTH  SS-101
10/18/16-12/08/16 Last day to add: 10/21/16
SECT 91319: Fast-track class; see pages 175-181 for more info.

91340 STAFF  12:30pm-1:50pm  MW  SS-104
91338 K.McLoughlin  12:30pm-1:50pm  TTH  SS-103
91326 N.McCool  2:00pm-4:50pm  M  SS-113
91358 P.Snyder  2:00pm-3:20pm  W  SS-101
and Online hours INET
08/16/16-12/16/16 Last day to add: 08/22/16
SECT 91358: Hybrid class; see page 159 for more info.

91321 J.Simmers  3:00pm-6:30pm  MW  WH-112
08/16/16-10/05/16 Last day to add: 08/19/16
SECT 91321: Fast-track class; see pages 175-181 for more info.

91323 J.Simmers  3:00pm-6:30pm  MW  WH-112
10/17/16-12/05/16 Last day to add: 10/21/16
SECT 91323: Fast-track class; see pages 175-181 for more info.

91360 P.Snyder  3:30pm-4:50pm  W  SS-101
and Online hours INET
08/15/16-12/16/16 Last day to add: 08/22/16
SECT 91360: Hybrid class; see page 159 for more info.

91339 H.Inoue  6:00pm-8:50pm  F  SS-104
91341 J.Simmers  7:00pm-9:50pm  T  SS-104
91343 STAFF  7:00pm-10:30pm  TTH  SS-101
10/18/16-12/08/16 Last day to add: 10/21/16
SECT 91343: Fast-track class; see pages 175-181 for more info.
(more sections online and at Chino and Fontana)

SOC-18  Sociology of Aging  3.00 UNITS
Advisory: Completion of SOC-10. Social, cultural, and policy issues for an aging society. Diversity in the experience of aging: cultural, economic, gender, and ethnic differences. Age and aging as social constructs. Life-long age status and role expectations. Society’s response to an increasingly aged population. Earn 54 hours of CE credit: RCFFE, NHAP, BN R #00426, and BBS #2178. Materials Fee: $0.00 Transfer: CSU; UC credit limitations Grading: Letter grade only

(sector at Chino)

SOC-70  Social Problems  3.00 UNITS
Prerequisite: SOC-10. Examination of contemporary social problems with emphasis on how issues come to be defined as social problems, their causes and consequences, and an evaluation of solutions. (C-ID SOCI 115) Materials Fee: $0.00 Transfer: CSU; UC Grading: Letter grade only

91375 STAFF  12:30pm-1:50pm  MW  SS-113

(another section at Fontana)

Additional sections of some classes may be available; check the Chino, Fontana, and Hybrid/Online sections.
SOC-80 Introduction to Research Methods in Sociology 4.00 UNITS
Prerequisite: SOC-10
Advisory: Completion of SCSCI-10.
Survey of research methods including the nature of sociological theory, hypotheses, variables, and research ethics. Designed for the sociology major and others who require familiarity with sociological research techniques. Emphasis on student participation in conducting research and analyzing data from a variety of methodological approaches. (C-ID SOCI 120)
Materials Fee: $0.00  Transfer: CSU; UC
Grading: Letter grade only

91380 N.McCool 9:30am-11:20am MW SS-101

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/language_arts/spanish

SPAN-1 Elementary Spanish I 4.00 UNITS
Beginning language acquisition in a cultural context through listening, speaking, reading, and writing. Course corresponds to the first 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. (C-ID SPAN 100)
Materials Fee: $4.00  Transfer: CSU; UC
Grading: Letter grade only

89787 D.Duno 7:30am-9:45am MTWTH LA-104
08/15/16-10/05/16 Last day to add: 08/19/16
SECT 89787: Fast-track class; see pages 175-181 for more info.
89788 D.Duno 7:30am-9:45am MTWTH LA-104
10/17/16-12/07/16 Last day to add: 10/21/16
SECT 89788: Fast-track class; see pages 175-181 for more info.
90006 T.Jenkins 8:00am-11:50am F LA-104
90764 L.Fajardo 8:00am-11:50am F LA-103
89929 V.Garcia 8:00am-9:50am TTH LA-101
90613 V.Tirado 8:00am-9:50am TTH LA-103
89786 C.Drumond 9:00am-12:50pm S LA-104
89789 D.Duno 10:00am-11:50am T LA-104
and Online hours INET
08/15/16-12/16/16 Last day to add: 08/22/16
SECT 89789: Hybrid class; see page 159 for more info.
90002 T.Jenkins 10:00am-11:50am MW LA-101
90004 T.Jenkins 10:00am-11:50am MW LA-103
90612 V.Tirado 10:00am-11:50am MW LA-104
90167 B.Martinez 12:00pm-3:50pm F LA-104
89970 N.Guilen 12:00pm-1:50pm MW LA-104
89986 R.Hanna 12:00pm-1:50pm TTH LA-104
89790 D.Duno 2:00pm-3:50pm T TA-1N
and Online hours INET
08/15/16-12/16/16 Last day to add: 08/22/16
SECT 89790: Hybrid class; see page 159 for more info.
89985 R.Hanna 2:00pm-3:50pm MW LA-103
90109 M.Limon 2:00pm-3:50pm MW LA-104
90115 C.Lin 2:00pm-3:50pm MW TA-1N
89682 M.Barcenas-Moradian 4:00pm-5:50pm TTH TA-1N
90110 M.Limon 4:00pm-5:50pm MW LA-104
90113 M.Limon 4:00pm-5:50pm TTH LA-103
90545 O.Rios 4:00pm-5:50pm MW LA-101
89974 E.Guzman 6:00pm-7:50pm TTH LA-104
90635 A.Valenzuela 6:00pm-7:50pm TTH LA-103
90645 I.Vejar 6:00pm-7:50pm MW LA-104

SPAN-2 Elementary Spanish II 4.00 UNITS
Prerequisite: SPAN-1 or one year of high school Spanish.
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. (C-ID SPAN 110)
Materials Fee: $4.00  Transfer: CSU; UC
Grading: Letter grade only

89930 V.Garcia 8:00am-11:50am F TA-1N
90610 V.Tirado 8:00am-9:50am MW LA-103
90165 B.Martinez 12:00pm-1:50pm MW LA-103
90614 V.Tirado 12:00pm-1:50pm TTH LA-103
90003 T.Jenkins 2:00pm-3:50pm MW LA-101
90005 T.Jenkins 2:00pm-3:50pm TTH LA-104
89973 E.Guzman 4:00pm-5:50pm TTH LA-104
90116 C.Lin 4:00pm-5:50pm MW TA-1N
90646 O.Rios 6:00pm-7:50pm MW LA-103
90636 A.Valenzuela 8:00pm-9:50pm TTH LA-103
(more sections at Chino and Fontana)

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-101 909/652-6820
English: Reading and Writing
Rob Rundquist, Instructional Specialist
ESL & Modern Languages 909/652-6907
Greg Creel, Instructional Specialist
Monday-Thursday 8am-8pm
Friday 10am-4pm
Saturday & Sunday 10am-3pm
Math Success Center, MATH-121 909/652-6452
Garrett Kenahan, Instructional Specialist
Monday-Thursday 8am-8pm
Friday 10am-4pm
Saturday & Sunday 10am-3pm
Multidisciplinary Success Center, Library 909/652-6932
Rose Ann Osmanian, Instructional Specialist
Monday-Thursday 8am-8pm
Friday 10am-4pm
Saturday & Sunday 10am-3pm

Additional sections of some classes may be available; check the Chino, Fontana, and Hybrid/Online sections.
**SPAN-3**  Intermediate Spanish I  4.00 UNITS  
Prerequisite: SPAN-2 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. (C-ID SPAN 200)  
Materials Fee: $4.00  
Grading: Letter grade only  
89983  R.Hanna  
10:00am-11:50am  MW  LA-103  
90111  M.Limon  
2:00pm-3:50pm  TTH  LA-103  

**SPAN-3SS**  Spanish for Heritage Speakers I  4.00 UNITS  
Prerequisite: SPAN-2 or department-determined equivalency.  
Course is designed for heritage speakers of Spanish and other linguistically qualified students. Instruction builds on existing reading, writing, speaking and listening skills, increasing linguistic registers and understanding of Hispanic cultures in Spanish speaking countries and the U.S. Course is conducted entirely in Spanish. (C-ID SPAN 220)  
Materials Fee: $0.00  
Grading: Letter grade only  
89791  D.Duno  
10:00am-11:50am  MW  LA-104  
08/15/16-12/16/16  Online hours  NET  

**Statistics (STAT)**  
(Also see Mathematics)  
909/652-6403  

**STAT-10**  Elementary Statistics  4.00 UNITS  
Prerequisite: Eligibility for MATH-25 or higher as determined by the Chaffey assessment process, or completion of MATH-425.  
Topics include frequency distribution, measures of variation and central tendency, elementary probability theory, etc. NOTE: A specific graphing utility is required; see instructor before acquiring. (C-ID MATH 110)  
Materials Fee: $1.00  
Grading: Letter grade only  
89577  K.De Wilde  
7:30am-9:20am  MW  HS-108  
89571  R.Elsdon  
7:30am-9:20am  TTH  HS-108  
89585  L.Chung  
9:00am-12:50pm  S  HS-108  
89578  K.De Wilde  
10:00am-11:50am  MW  HS-108  
89572  R.Elsdon  
10:00am-11:50am  TTH  HS-108  
89579  J.Train  
12:00pm-1:50pm  MW  HS-108  
89573  STAFF  
12:00pm-1:50pm  TTH  HS-108  
89581  J.Train  
2:00pm-3:50pm  MW  HS-108  
89574  E.Kim  
2:00pm-3:50pm  TTH  HS-108  
89582  R.Piamonte  
5:00pm-6:50pm  MW  HS-108  
89575  R.Dinu  
5:00pm-6:50pm  TTH  HS-108  
89569  J.Roche  
6:00pm-10:00pm  F  PS-104  
89570  G.Uppala  
7:00pm-9:15pm  MTWTH  MATH-112  
10/17/16-12/07/16  Last day to add: 10/21/16  
SECT 89570: Fast-track class linked with MATH-425, section 89449. See pages 175-181 for more info.  
89583  J.Garland  
7:00pm-8:50pm  MW  HS-108  
89576  C.Jacinto  
7:00pm-8:50pm  TTH  HS-108  
89584  D.Valdez  
7:00pm-8:50pm  TTH  PS-122  
(more sections at Chino and Fontana)  

**Theatre Arts (THEATRE)**  
909/652-6066  

**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: $1.00  
Grading: Letter grade only  
89947  K.Ford  
11:00am-12:20pm  MW  TA-05  
89946  P.Hadows  
12:30pm-1:50pm  TTH  CAA-211  
89943  S.Biggs  
3:00pm-6:30pm  MW  CAA-211  
08/15/16-10/05/16  Last day to add: 08/19/16  
SECT 89943: Fast-track class; see pages 175-181 for more info.  
89950  S.Malone  
3:00pm-6:30pm  MW  TA-10  
10/17/16-12/05/16  Last day to add: 10/21/16  
SECT 89950: Fast-track class; see pages 175-181 for more info.  
89953  S.Malone  
7:00pm-9:50pm  M  CAA-101  
(see section at Fontana)  

**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: $1.00  
Grading: Letter grade only  
89954  M.Jenkins  
11:00am-12:20pm  MW  CAA-206  

**THEATRE-3**  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: $1.00  
Grading: Letter grade only  
89955  S.Malone  
11:00am-12:20pm  MW  CAA-218  

**THEATRE-10**  Beginning Acting  3.00 UNITS  
Theory of acting and acting techniques with an introduction to Stanislavski’s method of acting. Provides a foundation in acting through a study of improvisation, vocal techniques, historical concepts, and theory through scene and monologue work. Emphasis on character development through the use of voice, movement and script analysis. (C-ID THTR 151)  
Materials Fee: $1.00  
Grading: Letter grade only  
89957  K.Ford  
9:30am-10:50am  MW  TA-10  
89959  K.Ford  
11:00am-12:20pm  MW  TA-10  
89956  S.Biggs  
3:00pm-6:30pm  MW  CAA-211  
10/17/16-12/05/16  Last day to add: 10/21/16  
SECT 89956: Fast-track class; see pages 175-181 for more info.  

**THEATRE-14**  Stylized Acting  3.00 UNITS  
Prerequisite: THEATRE-10.  
Advanced acting techniques applicable to stylized, classic and modern drama.  
Materials Fee: $1.00  
Grading: Letter grade only  
89962  K.Ford  
9:30am-10:50am  TTH  TA-10  

Additional sections of some classes may be available; check the Chino, Fontana, and Hybrid/Online sections.
<table>
<thead>
<tr>
<th>SECTION #</th>
<th>INSTRUCTOR</th>
<th>HOURS</th>
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<th>ROOM</th>
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</thead>
<tbody>
<tr>
<td>THEATRE-20</td>
<td>Directing for the Stage I</td>
<td>3.00 UNITS</td>
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</tr>
</tbody>
</table>
| 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: $1.00  
Grading: Letter grade only |
| 89964 C.El-Said | 9:30am-10:50am | MW | TA-05 |
| THEATRE-21 | Directing for the Stage II | 3.00 UNITS | | |
| Prerequisite: THEATRE-20.  
In-depth study of directing for advanced theatre students. Through a series of exercises, students demonstrate a knowledge of specific directing techniques and skills necessary to direct a one-act play for a public performance.  
Materials Fee: $1.00  
Grading: Letter grade only |
| 89966 C.El-Said | 9:30am-10:50am | MW | TA-05 |
| THEATRE-30 | Stagecraft | 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: $1.00  
Transfer: CSU; UC  
Grading: Letter grade only |
| 89968 S.Malone | 12:30pm-2:50pm | TTH | TA-06 |
| 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: $2.00  
Transfer: CSU  
Grading: Letter grade only |
| 89969 C.El-Said | 9:30am-11:50am | TTH | TA-05 |
| THEATRE-36 | Stage Management | 3.00 UNITS | | |
| Duties and responsibilities of a stage manager in a theatrical production process from pre- through post-production. Prepares students to assume stage management positions for Chaffey Theatre Arts Department productions.  
Materials Fee: $1.00  
Transfer: CSU  
Grading: Letter grade only |
| 89972 S.Malone | 3:00pm-6:30pm | MW | TA-10  
08/15/16-10/05/16 | TA-05 |

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**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](http://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 page 17.

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**UNIT LIMIT**

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.

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