### Accounting (ACCTG)

<table>
<thead>
<tr>
<th>SECTION #</th>
<th>Instructor</th>
<th>Hours</th>
<th>Days</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>81255</td>
<td>P. Worsham</td>
<td>8:00am-9:50am</td>
<td>MW</td>
<td>BE-105</td>
</tr>
<tr>
<td>81263</td>
<td>S. Allen</td>
<td>8:00am-11:50am</td>
<td>F</td>
<td>BE-102</td>
</tr>
<tr>
<td>81256</td>
<td>STAFF</td>
<td>9:00am-10:50am</td>
<td>TTH</td>
<td>BE-103</td>
</tr>
<tr>
<td>81265</td>
<td>C. Dickerson</td>
<td>10:00am-12:15pm</td>
<td>MTWTH</td>
<td>BE-102</td>
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<tr>
<td>01/12/15-03/05/15</td>
<td>Last day to add: 01/20/15</td>
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<tr>
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<tr>
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<td>P. Richardson</td>
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<td>(another section is at Fontana)</td>
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### ACCTG-1A  Financial Accounting  4.00 UNITS

Advisory: Completion of CIS-1 or BUSOT-63. Development and communication of financial information that is useful to investors, creditors, and other decision-makers. Includes the accounting environment, accounting cycle, generally accepted accounting principles, ethics, financial statements, operating, investing, and financing activities.

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

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<thead>
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<td>S. Allen</td>
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### ACCTG-1B  Managerial Accounting  4.00 UNITS

Prerequisite: ACCTG-1A. Advisory: Completion of CIS-1 or experience using spreadsheets. Managerial accounting meets the information needs of internal users by developing and communicating information that is useful for management decision-making. (C-ID ACCT 120)

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

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### ACCTG-70  Cost Accounting  3.00 UNITS

Prerequisite: ACCTG-1B. Determination of product costs for manufacturing, merchandising, and service companies. Students also evaluate quantitative and qualitative methods to assist management in strategic decisions.

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

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### Administration of Justice (AJ)

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<tr>
<td>AJ-2</td>
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<td>TTH</td>
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<td>AJ-3</td>
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<td>AJ-4</td>
<td>B.Brown</td>
<td>3.00</td>
<td>TTH</td>
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**ACCTG-435 Payroll Accounting**

- **Advisory:** Completion of ACCTG-1A, 480, or 481.
- Comprehensive overview of federal and state payroll laws and their effect on payroll records and required government reports. Course may be taken every three years as needed to maintain currency with payroll laws.
- Materials Fee: $3.00
- Grading: Letter grade only
- 81273 P.Hartley 7:00pm-9:50pm TH BE-113

**ACCTG-460 Commercial Accounting Software**

- **Advisory:** Completion of ACCTG-1A, and completion of or concurrent enrollment in CIS-1.
- Basic concepts and techniques for using Quickbooks commercial accounting software designed for the use of microcomputers in businesses grossing less than $500,000 annually.
- Materials Fee: $3.00
- 81274 P.Hartley 9:00am-11:50am F BE-113

### Accounting and Financial Services (ACCTGFS)

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<td>ACCTGFS-453 U.S. and California Income Tax Preparation</td>
<td>4.00</td>
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<tr>
<td>ACCTGFS-465 Financial Accounting for Non-Accounting Major</td>
<td>3.00</td>
<td>M BE-102</td>
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**ACCTGFS-453 U.S. and California Income Tax Preparation**

- This course is certified by the California Tax Education Council as fulfilling the 60-hour qualifying education requirement imposed by the State of California for becoming a Registered Tax Preparer.
- Materials Fee: $5.00
- Grading: Letter grade only
- 81277 P.Worsham 10:00am-12:15pm MW BE-105
- 03/23/15-05/13/15 Last day to add: 03/26/15
- SECT 81277: Fast-Track and Hybrid class: see pages 282 and 297-303 for more info.
- 81276 J.Bocanegra 6:00pm-9:50pm M INET BE-102

**ACCTGFS-465 Financial Accounting for Non-Accounting Major**

- Interpreting accounting data from an entrepreneurial perspective. Topics include business structure, financial statement analyses, cash management, budgeting, financing options, and credit management.
- Materials Fee: $3.00
- Grading: Letter grade only

### FEE REFUNDS

Refunds of $20 or more are automatically processed. Refunds of less than $20 must be requested prior to the end of the semester.

See page 14 for more information on the refund policy and processes.

Additional sections of some classes may be available; check the Chino, Fontana, Ontario High School, and Hybrid/Online sections.
### AJ-6 Juvenile Procedures  3.00 UNITS
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: $3.00  Transfer: CSU
Grading: Letter grade only

### AJ-407 California Substantive Law  3.00 UNITS
Prerequisite: AJ-1. Study of the California substantive laws commonly encountered by municipal and state police officers, investigators, prosecutors, defense attorneys, and criminal justice employees. Materials Fee: $3.00
Grading: Letter grade only

### AJ-410 Narcotics and Vice Investigation  3.00 UNITS
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: $3.00
Grading: Letter grade only

### AJ-412 Writing for the Criminal Justice  3.00 UNITS
Professionals
Advisory: Completion of Business and Office Technologies 455, or eligibility for English 475 or completion of English 550 or 575, or eligibility for English as a Second Language 475 or completion of English as a Second Language 558. Different types of written reports prepared by criminal justice professionals: misdemeanor, felony, pre-sentencing, parole/probation and administrative reports. Materials Fee: $3.00
Grading: Letter grade only

### American Sign Language (ASL)
(Also see Arabic, Chinese, French, and Spanish)  909/652-6903

#### ASL-1 Elementary American Sign Language  4.00 UNITS
Introduction to Deaf culture/history, ASL vocabulary development, fingerspelling, basic phrasing, sentence patterns, manual counting, and receptive and expressive skills. Ten hours of supplemental learning in a Success Center that supports this course is required. This course corresponds to the first year of high school ASL.
Materials Fee: $4.00  Transfer: CSU; UC
Grading: Letter grade only

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<tr>
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<td>C.Lively</td>
<td>7:30am-9:45am</td>
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<td>LA-102</td>
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<tr>
<td>80495</td>
<td>F.Gravatt</td>
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<td>80493</td>
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<tr>
<td>80494</td>
<td>K.Casale</td>
<td>4:00pm-5:50pm</td>
<td>TTH</td>
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<tr>
<td>80497</td>
<td>S.Wilson</td>
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<td>MTWTH</td>
<td>LA-102</td>
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<td>10:00am-11:50am</td>
<td>TTH</td>
<td>LA-102</td>
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</table>

(both sections are at Fontana)

#### ASL-2 Elementary American Sign Language  4.00 UNITS
Prerequisite: ASL-1 or one year of high school ASL. Continued study of ASL structure, vocabulary, conversational strategies, phrasing, sentence patterns, manual counting and spelling, semantics, development of expressive and receptive skills, and Deaf culture/history. Ten hours of supplemental learning in a Success Center that supports this course is required.
Materials Fee: $4.00  Transfer: CSU; UC
Grading: Letter grade only

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<td>E.Sedlacek</td>
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### 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.
Materials Fee: $3.00  Transfer: CSU; UC
Grading: Letter grade only

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<th>INSTRUCTOR</th>
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<tr>
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<tr>
<td>79347</td>
<td>M.Fong</td>
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<tr>
<td>79355</td>
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<td>(more sections are at Chino and Fontana)</td>
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Additional sections of some classes may be available; check the Chino, Fontana, Ontario High School, and Hybrid/Online sections.
**ANTHRO-1L** Laboratory for Biological Anthropology  1.00 UNITS  
Corequisite: ANTHRO-1 (may be taken previously).  
Comparative study of both human and non-human primates, human variation, evolution, genetics, forensic anthropology, and the primate fossil record.  
Materials Fee: $1.00  
Transfer: CSU; UC  
Grading: Letter grade only

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<td>DL-101</td>
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<td>DL-101</td>
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(See Drafting)

**ANTHRO-2** Introduction to Archaeology  3.00 UNITS  
Advisory: Eligibility for ENGL-1A as determined by the Chaffey assessment process, or completion of ENGL-475 or ENGL-475.  
Introduction to the study of concepts, theories, data and models of anthropological archaeology that contribute to our knowledge of the human past.  
Materials Fee: $3.00  
Transfer: CSU; UC  
Grading: Letter grade only

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**ANTHRO-3** Introduction to Social and Cultural Anthropology  3.00 UNITS  
Advisory: Eligibility for ENGL-1A as determined by the Chaffey assessment process, or completion of ENGL-475 or ESL-475.  
Introduction to how anthropologists do their work, employ professional anthropological research ethics, and apply their perspectives and skills to the understanding of humans around the globe.  
Materials Fee: $3.00  
Transfer: CSU; UC  
Grading: Letter grade only

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(See Drafting)

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

**ARABIC-1** Elementary Modern Standard  4.00 UNITS  
Arabic  
Introduction to functional modern Arabic (aural, oral, reading, and writing skills). Arabic script, pronunciation, vocabulary, and Arabic culture/values/customs. Ten hours of supplemental learning in a Success Center that supports this course is required for reinforcement of language skills. Corresponds to the first year of high school Arabic.  
Materials Fee: $4.00  
Transfer: CSU; UC  
Grading: Letter grade only

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<tr>
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<td>8:00pm-9:50pm</td>
<td>TTH</td>
<td>LA-101</td>
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**ARABIC-2** Elementary Modern Standard  4.00 UNITS  
Arabic  
Prerequisite: ARABIC-1 or one year of high school Arabic.  
Continued study of functional modern Arabic (aural, oral, reading, and writing skills), Arabic script, pronunciation, vocabulary, grammar, and Arabic culture/values/customs. Ten hours of supplemental learning in a Success Center that supports this course is required for reinforcement of language skills. Corresponds to the second year of high school Arabic.  
Materials Fee: $4.00  
Transfer: CSU; UC  
Grading: Letter grade only

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<tr>
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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  
Transfer: CSU; UC  
Grading: Letter grade only

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**Architecture**  
(See Drafting)

**FEES PAYMENTS**

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

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

For more detailed information, see the Payment Deadline information on pages 12-15 and Payment Date Due Chart on page 17.
Art (ART)

(Also see Art History) 909/652-6066

**ART-10**  **Fundamentals of Design in Two Dimensions  4.00 UNITS**
In-depth introduction to the visual elements of two-dimensional art composition including line, shape, texture, value, color theory, and spatial illusion. Topics include major historical and contemporary color systems, and the elements of design as they apply to color and composition as applied to painting. Prerequisite: ART-14.  Grading: Letter grade only

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(Another section is at Fontana)

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

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(Another section is at Fontana)

**ART-14**  **Introduction to Drawing  3.00 UNITS**
Introduction to freehand drawing from direct observation using a variety of black-and-white media.  Grading: Letter grade only  For more details, please check page 11 of the schedule for the waitlist policy.

<table>
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(Another section is at Fontana)

**ART-15**  **Color Theory  3.00 UNITS**
Prerequisite: ART-14. 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.  Grading: Letter grade only

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

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</table>

**ART-18**  **Introduction to Ceramics  3.00 UNITS**
Introduction to the materials, tools, and processes used in making pottery and other ceramic art. Materials Fee: $3.00. Transfer: CSU; UC. Grading: Letter grade only

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</table>

**ART-20**  **Ceramic Sculpture  4.00 UNITS**
Introduction to three-dimensional (3D) design, sculptural processes, concepts, and materials with emphasis on clay. Materials Fee: $4.00. Transfer: CSU; UC. Grading: Letter grade only

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**ART-30**  **Figure Drawing  3.00 UNITS**
Prerequisite: ART-14. Drawing the human form from the model with an emphasis on structure, anatomy, and its expressive potential. Materials Fee: $3.00. Transfer: CSU; UC. Grading: Letter grade only

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**ART-34**  **Intermediate Painting  4.00 UNITS**
Prerequisite: ART-16. Advisory: Completion of ART-10. Continued study of painting in acrylic media, with emphasis placed on solving complex formal and conceptual problems. Students are encouraged to develop work for a portfolio. Materials Fee: $4.00. Transfer: CSU; UC. Grading: Letter grade only

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</table>

**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: $3.00. Transfer: CSU; UC. Grading: Letter grade only

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<td>CAC-107</td>
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WAIT LISTED FOR A CLASS?
YOU WILL BE NOTIFIED VIA EMAIL IF YOU ARE ABLE TO ADD, SO BE SURE TO REVIEW AND UPDATE YOUR EMAIL INFORMATION ON MYCHAFFEYVIEW.
SEE THE WAITLIST POLICY ON PAGE 11 FOR MORE INFORMATION.

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

#### ART-1 Contemporary Art: 1945-Present 3.00 UNITS
Survey of the diverse artistic movements from the end of WWII to the present, tracing the discourse of late modernism to postmodernism.
Materials Fee: $3.00
Grading: Letter grade only
80009 M.Lewis 9:30am-12:20pm TTH CAA-115
(Also see Art) 909/652-6066

#### ART-3 Survey of Western Art From Prehistory Through the Middle Ages 3.00 UNITS
Survey of the architecture, sculpture, and painting of past cultures from the ancient beginnings of art of the Western World through the Medieval period.
Materials Fee: $3.00
Grading: Letter grade only
79989 J.Machado 3:00pm-6:30pm MW CAA-211
79990 T.McDermott 9:30am-10:50am TTH CAA-211
(Another section is at Chino)
79988 J.Machado 12:30pm-3:20pm TTH CAA-119
79987 A.Tchalian 9:00am-10:50am MW CAA-211

#### ART-5 Survey of Western Art from Renaissance To Contemporary 3.00 UNITS
Survey of the architecture, sculpture, and art of past cultures of the Western World from the Renaissance through the Modern period.
Materials Fee: $3.00
Grading: Letter grade only
79989 J.Machado 9:30am-10:50am MW CAA-211
79991 T.McDermott 9:00am-10:50am F CAA-211
79990 T.McDermott 11:00am-12:20pm TTH CAA-211
79988 J.Machado 3:00pm-6:30pm MW CAA-211

#### ART-7 Arts of Africa, Oceania, and Indigenous North America 3.00 UNITS
Survey of visual and material culture within the historical context of selected civilizations in the South Pacific islands, sub-Saharan Africa, and indigenous North America from ancient to modern times.
Materials Fee: $3.00
Grading: Letter grade only
79992 STAFF 12:30pm-1:50pm TTH CAA-211
### Astronomy (ASTRON)

**ASTRON-26 Stars and Galaxies**  
Advisory: Completion of MATH-410.  
Overview of the universe beyond our solar system.  
Materials Fee: $3.00  
Grading: Letter grade only

#### Fall 2014/Spring 2015 Schedule of Classes

<table>
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#### Winter 2014/Spring 2015 Schedule of Classes

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#### Summer 2014 Schedule of Classes

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#### Summer 2014 Schedule of Classes

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#### Additional Info

- (more sections are at Chino)
- (another section is at Fontana)

### Automotive Technology (AUTOTEC)

**AUTOTEC-10 Service and Repair**  
Introduction to the automotive service industry. Basic principles of the operation of engines, transmissions, drive line, steering, suspension and braking systems, and heating and air conditioning systems.  
Materials Fee: $3.00  
Grading: Letter grade only

#### Fall 2014/Spring 2015 Schedule of Classes

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#### Winter 2014/Spring 2015 Schedule of Classes

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### Additional Info

- Additional sections of some classes may be available; check the Chino, Fontana, Ontario High School, and Hybrid/Online sections.
## Aviation Maintenance Technology (AMT)

**AMT-15**  Introduction to Aviation Maintenance for  
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  

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<td>AERO-1L/1A</td>
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**AMT-16A**  Aviation Materials, Processes, Inspections and Regulations  

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

Materials Fee: $0.00  
Grading: Letter grade only  

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**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  
Grading: Letter grade only  

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Additional sections of some classes may be available; check the Chino, Fontana, Ontario High School, and Hybrid/Online sections.
AMT-36  Airframe Primary Systems Inspection and Repair
7.00 UNITS
Prerequisite: AMT-15 (or AMT-12).
Aircraft electrical, hydraulic and landing gear systems. Related training for FAA airframe maintenance technician’s license. Lab emphasizes electrical and hydraulic landing gear systems, and lighting systems.
Materials Fee: $0.00  Transfer: CSU
Grading: Letter grade only

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<tr>
<td>81294</td>
<td>and</td>
<td>10:45am-2:15pm</td>
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<tr>
<td>03/09/15-05/07/15</td>
<td>Last day to add: 03/15/15</td>
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</table>

AMT-38A  Airframe Structure: Structure Fabrication  1.00 UNITS
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

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AMT-38B  Airframe Structure: Hydraulic Systems  1.00 UNITS
Prerequisite: AMT-15 (or AMT-12).
Corequisite: AMT-36 (may be taken previously).
Airframe laboratory course to fulfill FAA practical applications relating to inspection, operation, and repair of aircraft hydraulic landing gear systems.
Materials Fee: $0.00  Transfer: CSU
Grading: Letter grade only

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BIOL-1  General Biology  4.00 UNITS
Introduction to the major themes and principles in biology. Topics range from molecules to the ecosystem.
Materials Fee: $9.00  Transfer: CSU; UC credit limitations
Grading: Letter grade only

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<tr>
<td>82126</td>
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<tr>
<td>82126</td>
<td>S.Jessen</td>
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<td>T   BL-108</td>
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BIOL-2  Environmental Biology  4.00 UNITS
An overview of ecosystem structure and function. Topics include overpopulation, resource depletion, pollution, climate change, habitat fragmentation, and loss of biodiversity. Course includes a weekend field trip.
Materials Fee: $9.00  Transfer: CSU; UC
Grading: Letter grade only

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<td>M   BL-114</td>
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BIOL-3  California Natural History  4.00 UNITS
Introduction to California’s natural communities. Topics include energetics, materials cycling, and succession. Course includes an overnight field trip.
Materials Fee: $9.00  Transfer: CSU; UC
Grading: Letter grade only

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<tr>
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<td>D.Cosand</td>
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<td>W   BL-114</td>
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BIOL-10  Concepts in Biology  3.00 UNITS
Introduction to the major themes and principles of biology including energy flow and metabolism, structure/function relationships, inheritance patterns, ecology, evolution, and diversity of biological organisms.
Materials Fee: $3.00  Transfer: CSU; UC credit limitations
Grading: Letter grade only

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

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

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

Per the Student Success Act of 2012, Senate Bill 1456, signed into law in September 2012. See www.chaffey.edu/student-success for more info.
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<tr>
<td>BIOL-12</td>
<td>Introduction to Human Genetics 3.00 UNITS</td>
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<td></td>
<td>Introduction to the fundamentals of human heredity including patterns of inheritance, DNA structure and function, the role of mutation in genetic diseases and cancer, and interaction between genes and the environment. Materials Fee: $3.00  Transfer: CSU; UC Grading: Letter grade only</td>
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<tr>
<td>BIOL-20</td>
<td>Human Anatomy 4.00 UNITS</td>
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<td></td>
<td>Prerequisite: Eligibility for ENGL-1A as determined by the Chaffey assessment process, or satisfactory completion of ENGL-450 or ENGL-475, or ESL-450 or ESL-475, or READ-550. Study of the microscopic and macroscopic structures of the human body. Materials Fee: $14.00  Transfer: CSU; UC Grading: Letter grade only</td>
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<tr>
<td>BIOL-22</td>
<td>Human Physiology 4.00 UNITS</td>
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<td>Prerequisite: BIOL-20, and CHEM-9 or 10 or 1 year of high school chemistry. The nature of life processes in the human body, including cell physiology and functions, and interrelationships of the organ systems. Materials Fee: $9.00  Transfer: CSU; UC Grading: Letter grade only</td>
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<tr>
<td>BIOL-23</td>
<td>General Microbiology 3.00 UNITS</td>
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<td>Prerequisite: BIOL-22 or 61. Introduction to microbiology with strong emphasis on microorganisms pathogenic to humans. Materials Fee: $3.00  Transfer: CSU; UC Grading: Letter grade only</td>
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<td>BIOL-23L</td>
<td>General Microbiology Laboratory 2.00 UNITS</td>
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<td>Corequisite: BIOL-23 (may be taken previously). Introduction to microbiology laboratory techniques. Methods of culturing, staining, biochemically analyzing, and classifying microorganisms. NOTE: Attendance ON TIME at the first class meeting is MANDATORY! Materials Fee: $15.00  Transfer: CSU; UC Grading: Letter grade only</td>
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<td>BIOL-30</td>
<td>Beginning Medical Terminology 3.00 UNITS</td>
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<td>Applied medical etymology including the origin, correct spelling, pronunciation, meaning, and current usage of common medical terms. Materials Fee: $3.00  Transfer: CSU Grading: Letter grade only</td>
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<tr>
<td>BIOL-61</td>
<td>Introduction to Cell and Molecular Biology 5.00 UNITS</td>
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<td>Introduction to the principles, theories, and methods of evolutionary ecology, applied to systems ranging from organisms to ecosystems. Course includes one or more overnight field trips. Materials Fee: $9.00  Transfer: CSU; UC Grading: Letter grade only</td>
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<td>BIOL-62</td>
<td>Biology of Organisms 5.00 UNITS</td>
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<td>Prerequisite: BIOL-61. An introduction to the origin and evolution of life on earth, emphasizing systematics, anatomy, physiology, and development. Materials Fee: $5.00  Transfer: CSU; UC Grading: Letter grade only</td>
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<tr>
<td>BIOL-63</td>
<td>Evolutionary Ecology 4.00 UNITS</td>
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<td>Prerequisite: BIOL-61. Introduction to the principles, theories, and methods of evolutionary ecology, applied to systems ranging from organisms to ecosystems. Course includes one or more overnight field trips. Materials Fee: $9.00  Transfer: CSU; UC Grading: Letter grade only</td>
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*SECT 82176: Lab meetings are 3 hours on 01/30, 02/20, 02/27 and 03/14, 04/04, 04/18, 04/25, and 05/02. Weekend field trip 03/28-03/30.*
Broadcasting (BRDCAST)

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<td>Beginning Audio Production</td>
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<td>BRDCAST-62</td>
<td>Beginning TV Studio Production</td>
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**Business (BUS)**

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<tr>
<td>BUS-10</td>
<td>Introduction to Business</td>
<td>3.00 UNITS</td>
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### Business: Management (BUSMGT)  
**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: $3.00  
Grading: Letter grade only

(Section is at Chino)

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### Business: Marketing (BUSMKT)  
**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: $3.00  
Grading: Letter grade only

(Another section is at Chino)

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### Business: Management (BUSMGT)  
**BUSMGT-40** Introduction to Human Relations  
**3.00 UNITS**

Understanding group and individual dynamics, perception, conflict, motivation, leadership, influence, authority relationships, and causation of behavior.

Materials Fee: $3.00  
Grading: Letter grade only

(Another section is at Fontana)

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### Business: Management (BUSMGT)  
**BUSMGT-44** Principles of Leadership  
**2.00 UNITS**

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

Materials Fee: $2.00  
Grading: Letter grade only

(Another section is at Chino)

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### Business: Marketing (BUSMKT)  
**BUSMKT-55** Advertising  
**3.00 UNITS**

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

Materials Fee: $3.00  
Grading: Letter grade only

(Another section is at Fontana)

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### UNIT LIMIT

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

Per California Community College state regulatory changes. See www.chaffey.edu/student-success for more info.
### Business: Paralegal Studies (BUSPL)

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<td>81355</td>
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<td>81366</td>
<td>D. Soll</td>
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<td>81369</td>
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<td>3:00pm-6:30pm</td>
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**BUSPL-401 Legal Research and Writing**
3.00 UNITS
Advisory: Completion of BUSPL-400, and BUSPL-88 or ENGL-1A.
Legal research, writing, and analysis. Statute analysis, primary and secondary sources, computer research, opinion letters, pleadings, law office memos, case briefs, memorandums of law, and legal citation rules.
Materials Fee: $3.00
Grading: Letter grade only

81333 V. Julian-Peto  7:00pm-9:50pm  W  BE-105

### Business and Office Technologies (BUSOT)

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<td>7:00pm-9:50pm</td>
<td>M</td>
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**BUSOT-40B Computer Keyboarding: Speed and Accuracy**
3.00 UNITS
Development
Advisory: Completion of BUSOT-40A.
Develop computer literacy. Analyze, evaluate, and improve keyboarding speed and accuracy using correct keying technique and specific prescriptive drills and practice. Proficiency certificate may be earned.
Materials Fee: $5.00  Transfer: CSU
Grading: Letter grade only

81361 S. Escalante  3:00pm-6:30pm  TTH | BE-108 |
81367 D. Soll     | 9:30am-10:50am | TTH | BE-106 |
81366 J. Osgood   | 11:00am-12:20pm | TTH | BE-108 |
81369 T. Williamson | 3:00pm-6:30pm | MW | BE-108 |
03/23/15-05/13/15 Last day to add: 03/26/15
SECT 81369: Fast-Track class; see pages 297-303 for more info.
81368 R. Willis   | 7:00pm-9:50pm | W  | BE-106 |
(more sections are at Chino and Fontana)

**BUSOT-50 Filing and Records Management**
3.00 UNITS
Apply basic filing principles and procedures (ARMA) for information storage and retrieval of various record types in multiple filing systems and management aspects of records retention and disposition of records.
Materials Fee: $3.00  Transfer: CSU
Grading: Letter grade only

81375 J. Osgood  | 11:00am-12:20pm | MW | BE-106 |

**BUSOT-60A Microsoft Office Word - Specialist**
3.00 UNITS
Advisory: Completion of BUSOT-40A.
MS Word. Develop personal and workplace skills to build a foundation for other Windows software applications. Customize and format academic papers, business reports, tables, columns, and graphics.
Materials Fee: $5.00  Transfer: CSU
Grading: Letter grade only

81377 M. Tardiff | 9:30am-10:50am | TTH | BE-113 |
81376 S. Noyola  | 7:00pm-9:50pm | M  | BE-106 |
(more sections are online and at Fontana)

**BUSOT-60B Microsoft Office Word - Expert**
3.00 UNITS
Advisory: Completion of BUSOT-40A and 60A.
Advanced concepts of Microsoft Word: macros, bookmarks, table of contents, referencing citations, indexes, tables, charts, sorting, columns, styles and themes, and shared documents.
Materials Fee: $5.00  Transfer: CSU
Grading: Letter grade only

81400 STAFF | 6:00pm-9:00pm | F | BE-113 |
81378 G. Cirilo | 7:00pm-9:50pm | M | BE-108 |
(more sections are online and at Fontana)

**BUSOT-61 Microsoft Office PowerPoint**
1.50 UNITS
Advisory: Completion of BUSOT-40A and 60A.
Learn concepts, formatting features, and visual media/animation effects of a presentation software program to create and share effective electronic presentations for support personnel and business managers.
Materials Fee: $3.00  Transfer: CSU
Grading: Letter grade only

81385 D. Soll     | 8:00am-9:20am | TTH | BE-108 |
81384 C. Nehlsen  | 3:00pm-6:30pm | MW | BE-108 |
01/12/15-03/09/15 Last day to add: 01/20/15
SECT 81385: Fast-Track class; see pages 297-303 for more info.
81381 S. Escalante | 3:00pm-6:30pm | TTH | BE-108 |
03/24/15-05/12/15 Last day to add: 03/26/15
SECT 81381: Fast-Track class; see pages 297-303 for more info.
81382 C. Williams | 7:00pm-9:50pm | W  | BE-113 |
(more sections are at Chino)

Additional sections of some classes may be available; check the Chino, Fontana, Ontario High School, and Hybrid/Online sections.
### 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: $2.50
Grading: Letter grade only
Transfer: CSU

### BUSOT-63 MS Office Excel - Comprehensive 3.00 UNITS
**Advisory:** Completion of BUSOT-40A and 60A.
Use advanced formulas and features to create worksheets, including spreadsheets, charts, pivot tables, IF functions, templates, and sorting and filtering records.
Materials Fee: $5.00
Grading: Letter grade only
Transfer: CSU

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### 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: $3.00
Grading: Letter grade only
Transfer: CSU

### BUSOT-64B Microsoft Office Access - Expert 1.50 UNITS
**Advisory:** Completion of BUSOT-64A.
Mastery of core and advanced features of Access databases in working with databases, tables, reports, forms, and queries, and integration with other software.
Materials Fee: $3.00
Grading: Letter grade only
Transfer: CSU

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

### 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: $3.00
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: $3.00
Grading: Letter grade only

### BUSOT-471 Administrative Office Management 3.00 UNITS
Business office management principles and strategies to maintain a sound, flexible, and dynamic office organization whose objectives correspond to those of the business.
Materials Fee: $3.00
Grading: Letter grade only

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

### BUSOT-456 Speedwriting and Notetaking 3.00 UNITS
Theory and principles of speedwriting, an abbreviated writing system based on alphabetic letters. Practice and vocabulary development to take dictation for business, office, and personal use.
Materials Fee: $3.00
Grading: Letter grade only

### BUSOT-465 Microsoft Office Outlook 1.50 UNITS
Electronic information management of e-mail; appointments; conferences, and task scheduling; and integration of other software applications to manage workflow.
Materials Fee: $2.50
Grading: Letter grade only
Transfer: CSU

### BUSOT-450 Job Search and Interviewing Techniques 1.50 UNITS
Strategies to organize a job search, prepare a marketable resume and letter of application, create a career portfolio, respond to frequently asked interview questions, and practice successful interviewing techniques.
Materials Fee: $3.00
Grading: Letter grade only

### BUSOT-460 MS Office Excel - Comprehensive 3.00 UNITS
**Advisory:** Completion of BUSOT-40A and 60A.
Use advanced formulas and features to create worksheets, including spreadsheets, charts, pivot tables, IF functions, templates, and sorting and filtering records.
Materials Fee: $5.00
Grading: Letter grade only
Transfer: CSU

### BUSOT-465 Speedwriting and Notetaking 3.00 UNITS
Theory and principles of speedwriting, an abbreviated writing system based on alphabetic letters. Practice and vocabulary development to take dictation for business, office, and personal use.
Materials Fee: $3.00
Grading: Letter grade only

### BUSOT-471 Administrative Office Management 3.00 UNITS
Business office management principles and strategies to maintain a sound, flexible, and dynamic office organization whose objectives correspond to those of the business.
Materials Fee: $3.00
Grading: Letter grade only

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**PRIORITY REGISTRATION**

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

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

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

If you are taking a chemistry lab course, you MUST attend the first class meeting or you will be dropped! All chemistry lab students must purchase a lab manual, splash-proof safety goggles, and a protective apron (available at campus bookstores), and bring them to the first class meeting!

**CHEM-9 Health Science Chemistry** 5.00 UNITS
Advisory: Eligibility for Mathematics 425 as determined by the Chaffey assessment process, or completion of Mathematics 410 or 401.
Introduction to the principles of chemistry, including inorganic chemistry, organic chemistry, and biochemistry. Intended for health science students; not a science major course.
Materials Fee: $15.00  
Grading: Letter grade only

82186 E.Shweikeh  
5:00pm-6:50pm and 7:00pm-9:50pm  
TTH ZH-123 and 7:00pm-9:50pm  
T CHEM-108
(more sections are at Chino)

**CHEM-10 Introductory Chemistry** 4.00 UNITS
Prerequisite: Eligibility for MATH-425 as determined by the Chaffey assessment process, or completion of MATH-410, or one year of high school algebra.
Introduction to the principles of chemistry with an emphasis on measurements, atomic and molecular structure, classification of matter, nomenclature, stoichiometry, chemical equations, solutions and acid-base chemistry. Laboratory activities emphasize proper techniques, safety procedures, and experimental exercises in support of lecture content.
Materials Fee: $12.00  
Grading: Letter grade only

82194 K.Kupecz  
8:00am-9:30am and 9:30am-12:50pm  
TTH BL-107 and T CHEM-125
82195 K.Kupecz  
8:00am-9:30am and 9:30am-12:50pm  
TTH BL-107 and TH CHEM-125
82196 J.Terrazas  
8:00am-9:20am and 9:30am-12:20pm  
MW ZH-122 and M CHEM-125
82197 J.Terrazas  
8:00am-9:20am and 9:30am-12:20pm  
MW ZH-122 and W CHEM-125
82198 R.Choppi  
5:30pm-6:50pm and 7:00pm-9:50pm  
TTH PS-112 and T CHEM-125
82199 R.Choppi  
5:30pm-6:50pm and 7:00pm-9:50pm  
TTH PS-112 and 7:00pm-9:50pm  
TH CHEM-125
(more sections are at Chino and Fontana)

**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.
Materials Fee: $12.00  
Grading: Letter grade only

82200 STAFF  
9:30am-10:50am and 11:00am-1:50pm  
MW ZH-122 and MW CHEM-103
82201 STAFF  
9:30am-10:50am and 11:00am-1:50pm  
MW ZH-122 and W CHEM-103

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

82202 J.Oakdale  
11:00am-1:50pm and 2:00pm-3:20pm  
MW CHEM-117 and MW ZH-122
82203 J.Oakdale  
2:00pm-3:20pm and M.Agarwal  
3:30pm-6:20pm and J.Oakdale  
3:30pm-6:20pm  
M CHEM-117 and W CHEM-117
82204 S.Bernard  
2:00pm-4:50pm and S.Han  
5:30pm-6:50pm and S.Han  
5:30pm-6:50pm  
TH ZH-122 and 7:00pm-9:50pm  
TH CHEM-117
82205 S.Han  
5:30pm-6:50pm and 7:00pm-9:20pm  
TTH ZH-122 and TTH CHEM-117

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

82207 M.Agarwal  
9:30am-12:20pm and 12:30pm-1:50pm  
MW CHEM-108 and MW ZH-122
82208 M.Agarwal  
11:00am-12:20pm and 12:30pm-3:20pm  
TH ZH-122 and TTH CHEM-108
82209 J.Opotowsky  
5:30pm-6:50pm and 7:00pm-9:50pm  
MW ZH-122 and MW CHEM-108

**CHEM-70 Quantitative Analysis** 4.00 UNITS
Prerequisite: CHEM-24B.
Introduction to the methods of gravimetric, volumetric, electrochemical techniques, separation techniques, and instrumental analysis. Course is for science majors, and meets the requirements for chemistry majors, pre-med students, and pre-dentistry students. Parallels the quantitative analysis usually offered in the sophomore year in most four-year colleges and universities.
Materials Fee: $12.00  
Grading: Letter grade only

82453 STAFF  
4:00pm-6:50pm and 7:00pm-8:50pm  
MW CHEM-108 and MW ZH-122

**FEE REFUNDS**

Refunds of $20 or more are automatically processed. Refunds of less than $20 must be requested prior to the end of the semester.

See page 14 for more information on the refund policy and processes.

Additional sections of some classes may be available; check the Chino, Fontana, Ontario High School, and Hybrid/Online sections.
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 CDEV 120)
Materials Fee: $3.00
Grading: Letter grade only

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<tr>
<td>79406</td>
<td>M Alexander</td>
<td>9:30am-10:50am</td>
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<td>79407</td>
<td>M Alexander</td>
<td>11:00am-12:20pm</td>
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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/developmental milestones for children - both typical and atypical - from conception to adolescence. (C-ID CDEV 100)
Materials Fee: $3.00
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: $3.00
Grading: Letter grade only

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<td>79413</td>
<td>S.Hardie-Ttownsend7:00pm-9:50pm</td>
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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: $3.00
Grading: Letter grade only

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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: $3.00
Grading: Letter grade only

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(sections are at Chino and Fontana)

NEED HELP WITH THE COST OF TEXTBOOKS?
Chaffey's Emergency Book Grant and Textbook Rental programs can assist you. For details about the book grants, please call 909/652-6590 or 6593. For more info about the rental program, please call 909/652-6577.
Textbook vouchers are valid only at Chaffey College bookstores and are not accepted at commercial bookstores or websites.
Above programs funded by the Chaffey College Service Fee.

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.

Additional sections of some classes may be available; check the Chino, Fontana, Ontario High School, and Hybrid/Online sections.
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: $3.00  Transfer: CSU
Grading: Letter grade only
79421 J.Brewer-Calvillo  2:00pm-3:20pm  TTH  CD-124B
79422 J.Brewer-Calvillo  3:30pm-4:50pm  MW  CD-124B

CDE-8  Curriculum Development: Math and Sciences  3.00 UNITS
Advisory: Proof of a negative tuberculosis test within the past 12 months may be required for some site visits.
Introduction to how children develop concepts of math and science, including problem-solving abilities, theoretical underpinnings of practice activities, and varied learning strategies and styles.
Materials Fee: $3.00  Transfer: CSU
Grading: Letter grade only
79425 C.McPeck  7:00pm-10:30pm  TTH  CD-124B
03/24/15-05/12/15  Last day to add: 03/26/15
SECT 79425: Fast-Track class; see pages 297-303 for more info.

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: $3.00  Transfer: CSU
Grading: Letter grade only
79426 L.Blackman  7:00pm-10:30pm  MW  SS-111
01/12/15-03/09/15  Last day to add: 01/20/15
SECT 79426: Fast-Track class; see pages 297-303 for more info.

CDE-24  Introduction to Curriculum Theory  2.00 UNITS
Practices
Limitation on Enrollment: Proof of a negative tuberculosis test within the past 12 months is required.
Prerequisite: CDE-1, 2, 3, and 4.
Corequisite: CDE-24W.
Principles of early childhood growth and development as they apply to appropriate curriculum design.  
(C-ID ECE 130 when combined with CDE-24W)
Materials Fee: $2.00  Transfer: CSU
Grading: Letter grade only
79427 L.Marcotte  5:00pm-6:50pm  M  CD-124A

CDE-24W  Practicum I: Supervised Occupational Work Experience
Limitation on Enrollment: Proof of a negative tuberculosis test within the past 12 months is required.
Corequisite: CDE-24.
Supervised occupational work experience practicum applying principles of early childhood growth and development to teaching. Curriculum planning and implementation. (C-ID ECE 130 when combined with CDE-24)
Materials Fee: $1.00  Transfer: CSU
Grading: Letter grade only
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.
79428 L.Marcotte  60-75 hours arranged work experience  OTHR

CDE-25  Advanced Curriculum Theory Principles and Practices  2.00 UNITS
Limitation on Enrollment: Proof of a negative tuberculosis test within the past 12 months is required.
Prerequisite: CDE-1, 2, 4, 24, and 24W.
Corequisite: CDE-25W.
Advanced principles and practices of curriculum theory of early childhood growth and development, and their application through student teaching. (C-ID ECE 210 when combined with CDE-25W)
Materials Fee: $2.00  Transfer: CSU
Grading: Letter grade only
79429 L.Marcotte  5:00pm-6:50pm  W  CD-124A

CDE-25W  Practicum II: Supervised Occupational Work Experience
Limitation on Enrollment: Proof of a negative tuberculosis test within the past 12 months is required.
Prerequisite: CDE-1, 2, 4, 24, and 24W.
Corequisite: CDE-25.
Advanced, supervised application of the principles of early childhood growth and development to student teaching. Advanced curriculum planning and implementation. (C-ID ECE 210 when combined with CDE-25W)
Materials Fee: $1.00  Transfer: CSU
Grading: Letter grade only
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.
79430 L.Marcotte  60-75 hours arranged work experience  OTHR

CDE-415  Dynamics of Play  3.00 UNITS
Advisory: Proof of a negative tuberculosis test within the past 12 months may be required for some site visits.
Analysis of the ways that play affects the social, emotional, and physical development of young children. Methods of analyzing play activities, designing play environments, and facilitating enhanced play experiences.
Materials Fee: $3.00  Grading: Letter grade only
79431 J.Bollman  7:00pm-9:50pm  TH  CD-124A

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

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

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

80446 M.Liu 8:00am-9:50am TTH LA-101
80444 J.Liu 12:00pm-1:50pm MW TA-1H
80448 J.Liu 2:00pm-3:50pm TTH TA-1L

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

80447 J.Liu 10:00am-11:50am TTH LA-101
80448 E.Lee 5:00pm-6:50pm MW UHS-D139
Sect 80449: Class is held at Upland High School

CHIN-4 Intermediate Mandarin Chinese II 4.00 UNITS
Prerequisite: CHIN-3.
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

80445 J.Liu 2:00pm-3:50pm MW TA-1H

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.

Grading: Letter grade only
Materials Fee: $4.00
Transfer: CSU; UC
Communication Studies (COMSTD) 909/652-6902

COMSTD-2 Fundamentals of Effective Speaking 3.00 UNITS
Advisory: Eligibility for ENGL-1A as determined by the Chaffey assessment process, or completion of ENGL-475 or ESL-475.

Emphasis on preparing and delivering various types of speeches before an audience. Communication theory and speech criticism are included for student application. Oral assignments are required. (C-ID COMM 110)

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

<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>80384</td>
<td>E. Rose</td>
<td>8:00am-9:20am</td>
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<tr>
<td>80443</td>
<td>C. Veazey</td>
<td>8:00am-9:20am</td>
<td>TTH</td>
<td>TA-1H</td>
</tr>
<tr>
<td>80409</td>
<td>V.O. Shaughnessy</td>
<td>9:00am-11:50am</td>
<td>F</td>
<td>TA-1H</td>
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<tr>
<td>80438</td>
<td>K. Dhaliwal</td>
<td>9:00am-12:00pm</td>
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<td>TA-1L</td>
</tr>
<tr>
<td>80397</td>
<td>J. Alvarez</td>
<td>9:30am-10:50am</td>
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<td>TA-1L</td>
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<tr>
<td>80398</td>
<td>J. Alvarez</td>
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<td>MW</td>
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<tr>
<td>80400</td>
<td>J. Alvarez</td>
<td>11:00am-2:30pm</td>
<td>TTH</td>
<td>TA-1H</td>
</tr>
</tbody>
</table>

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: $3.00 Transfer: CSU
Grading: Letter grade only

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<tr>
<td>80389</td>
<td>C. Navarro</td>
<td>8:00am-9:20am</td>
<td>TTH</td>
<td>TA-1J</td>
</tr>
<tr>
<td>80427</td>
<td>K. Allbee</td>
<td>7:00pm-9:50pm</td>
<td>T</td>
<td>TA-1H</td>
</tr>
</tbody>
</table>

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

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<tr>
<td>80405</td>
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<td>7:15am-10:45am</td>
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<tr>
<td>80426</td>
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<td>80401</td>
<td>V.O. Shaughnessy</td>
<td>12:00pm-2:50pm</td>
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<td>TA-1H</td>
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<tr>
<td>80437</td>
<td>K. Dhaliwal</td>
<td>12:30pm-1:50pm</td>
<td>MW</td>
<td>TA-1J</td>
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<tr>
<td>80417</td>
<td>J. Warhol</td>
<td>5:30pm-6:50pm</td>
<td>TTH</td>
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<tr>
<td>80423</td>
<td>S. Bradshaw</td>
<td>7:00pm-9:50pm</td>
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<td>TA-1H</td>
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<tr>
<td>80428</td>
<td>K. Allbee</td>
<td>7:00pm-9:50pm</td>
<td>TH</td>
<td>TA-1H</td>
</tr>
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</table>

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.

Fundamentals of human communication as they operate in a variety of contexts: interpersonal, small group, and public speaking. (C-ID COMM 180)

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

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<tr>
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<td>TTH</td>
<td>TA-1H</td>
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<tr>
<td>80366</td>
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<tr>
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<tr>
<td>80391</td>
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<td>80432</td>
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<td>80434</td>
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<td>80421</td>
<td>B. Weed</td>
<td>7:00pm-9:50pm</td>
<td>TH</td>
<td>TA-1J</td>
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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-450 or 475, or ESL-450 or 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: $3.00 Transfer: CSU; UC
Grading: Letter grade only

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<tr>
<td>80441</td>
<td>L. Mayuga</td>
<td>7:00pm-9:50pm</td>
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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: $3.00 Transfer: CSU; UC
Grading: Letter grade only

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<tr>
<td>80400</td>
<td>C. Veazey</td>
<td>9:30am-11:50am</td>
<td>MW</td>
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<tr>
<td>80386</td>
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<td>80436</td>
<td>Z. Kazmi</td>
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<td>80420</td>
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<tr>
<td>80425</td>
<td>D. Schultz</td>
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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: $3.00 Transfer: CSU; UC
Grading: Letter grade only

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<tr>
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<td>L. Mayuga</td>
<td>7:00pm-9:50pm</td>
<td>M</td>
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</table>

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

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

<table>
<thead>
<tr>
<th>SECTION #</th>
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<tr>
<td>COMSTD-74</td>
<td>Intercultural Communication</td>
<td>3.00 UNITS</td>
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<tr>
<td>Advisory: Eligibility for ENGL-1A as determined by the Chaffey assessment process, or completion of ENGL-475 or ESL-475. Identification and analysis of processes and problems of communication between people of different cultures. Effects of differences in attitudes, social organization, role expectations, language and nonverbal behavior. (C-ID COMM 150) Materials Fee: $3.00 Grading: Letter grade only</td>
<td></td>
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<tr>
<td>80385 E.Rose</td>
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<td>TA-1L</td>
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</tr>
<tr>
<td>80431 J.Wall</td>
<td>5:00pm-6:45pm</td>
<td>MW</td>
<td>BE-100</td>
<td></td>
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<tr>
<td>(another section is at Chino)</td>
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### CIS-1 Introduction to Computer Information Systems

<table>
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<th>SECTION #</th>
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<tbody>
<tr>
<td>CIS-76 Gender &amp; Communication</td>
<td>3.00 UNITS</td>
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<tr>
<td>Advisory: Completion of COMSTD-8, and eligibility for ENGL-1A as determined by the Chaffey assessment process or completion of ENGL-475 or ESL-475. Examination of communication patterns existing between males and females. Communication problems relating to gender are addressed, along with listening, assertiveness, negotiation, and other conflict strategies. Materials Fee: $3.00 Grading: Letter grade only</td>
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<tr>
<td>80403 C.Veazy</td>
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<td>MW</td>
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<td>80407 J.Whitton</td>
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### CIS-4 Fundamentals of Microsoft Windows

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<tr>
<td>CIS-15 Microsoft Access Database Design and Development</td>
<td>3.00 UNITS</td>
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<tr>
<td>Prerequisite: CIS-1. Microsoft Access database design and development for database administrators responsible for companywide database access and control. Materials Fee: $3.00 Grading: Letter grade only</td>
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<tr>
<td>81402 M.Castillo</td>
<td>3:30pm-4:50pm</td>
<td>MW</td>
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<tr>
<td>81409 P.Watson</td>
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<tr>
<td>81407 J.Alfano</td>
<td>7:00pm-9:50pm</td>
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<tr>
<td>81410 M.Wildes</td>
<td>7:00pm-9:50pm</td>
<td>M</td>
<td>BE-104</td>
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<tr>
<td>81408 D.Edery</td>
<td>7:00pm-9:50pm</td>
<td>W</td>
<td>BE-104</td>
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<td>(more sections are online, and at Chino and Fontana)</td>
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### CIS-50 Introduction to Computer Networks

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<tbody>
<tr>
<td>Prerequisite: CIS-1. Introduction to networking fundamentals. Materials Fee: $3.00 Grading: Letter grade only</td>
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<tr>
<td>81435 S.Siedschlag</td>
<td>7:00pm-9:50pm</td>
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<td>BE-100</td>
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</table>
CIS: Hardware and Support (CISHDSP) 1.50 UNITS
(See Fontana Section) 909/652-6830

CIS: Internet and Web Development (CISIWEB) 1.50 UNITS
909/652-6830

CISIWEB-70 Creating Web Pages with HTML 1.50 UNITS
Advisory: Completion of CIS-68.
Creation of HTML (Hypertext Markup Language) pages for the Web, including integration of links, formatting, graphics and multimedia, and tables.
Materials Fee: $1.50 Transfer: CSU
Grading: Letter grade only
(sections are online)

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

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

CISIWEB-436 Web Development: PHP/MySQL 3.00 UNITS
Advisory: Completion of CISIWEB-70.
Building Web-based applications using PHP in conjunction with MySQL to create database-driven Web sites. Topics include an introduction to PHP and syntax, configuring a Web server for use with PHP, programming in PHP using basic scripting, data types, looping, conditional constructs, functions, operators, lists and arrays, databases and data files, e-mail, forms, and cookies.
Materials Fee: $3.00
Grading: Letter grade only
(sections are online)
CIS: Networking (CISNTWK) 909/652-6830

CISNTWK-11 Microsoft Network Server 3.00 UNITS
Prerequisite: CIS-50.
In-depth study of Microsoft network server software and the administration of a network. Topics include: installation and configuration, active directory, file system management, and security. Helps prepare students for the Microsoft Certified Professional (MCP) and Microsoft Certified Systems Engineer (MCSE) exams.
Materials Fee: $3.00
Grading: Letter grade only
81454 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: $3.00
Grading: Letter grade only
81456 T.Kocher 12:30pm-1:50pm TTH BE-104
81455 T.Kocher 7:00pm-9:50pm T BE-104

Computer Science (CS) 909/652-6830

CS-1 Programming Concepts and Methodology I 3.00 UNITS
Advisory: Completion of CISPROG-1.
Introduces the discipline of computer science using a high level language, utilizing programming and practical hands-on problem solving. Topics include hardware, software, computer architecture, memory and registers, input-output data operations, storage, information control, problem solving, and Object Oriented Programming. First course in a sequence of courses that is compliant with the standards of the Association for Computing Machinery (ACM).
(C-ID COMP 122)
Materials Fee: $3.00
Grading: Letter grade only
81457 T.Kocher 3:30pm-4:50pm TTH BE-100

CS-3 Computer Architecture and Organization 3.00 UNITS
Prerequisite: CS-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
Grading: Letter grade only
81404 W.Baker 9:30am-10:50am TTH BE-100

Cooperative Education/Work Experience (COOPED) 909/652-6190

COOPED-497A Cooperative Education: General Work Experience 1.00 UNITS
Limitation on Enrollment: Student must be employed or participating in an internship.
Four individual meetings with instructor. Work hours must total those listed in each section as hrs/term. PT/FT jobs/internships qualify. Work/internship experience need not be related to students' educational goals.
Grading: Letter grade only
79700 L.Barlogio 60 or 75 hrs/term work experience MACC-203
01/12/15-05/20/15 Last day to add: 01/20/15
SECT 79700: Instructor signature required. Call (909) 652-6190 to verify employment and appropriate course placement.

COOPED-497B Cooperative Education: General Work Experience 2.00 UNITS
See note and requirements under COOPED-497A.
Grading: Letter grade only
79701 L.Barlogio 120 or 150 hrs/term work experience MACC-203
01/12/15-05/20/15 Last day to add: 01/20/15
SECT 79701: Instructor signature required. Call (909) 652-6190 to verify employment and appropriate course placement.

COOPED-497C Cooperative Education: General Work Experience 3.00 UNITS
See note and requirements under COOPED-497A.
Grading: Letter grade only
79702 L.Barlogio 180 or 225 hrs/term work experience MACC-203
01/12/15-05/20/15 Last day to add: 01/20/15
SECT 79702: Instructor signature required. Call (909) 652-6190 to verify employment and appropriate course placement.

COOPED-497D Cooperative Education: General Work Experience 4.00 UNITS
See notes and requirements under COOPED-497A.
Grading: Letter grade only
79703 L.Barlogio 240 or 300 hrs/term work experience MACC-203
01/12/15-05/20/15 Last day to add: 01/20/15
SECT 79703: Instructor signature required. Call (909) 652-6190 to verify employment and appropriate course placement.

YOUR JOB = COLLEGE UNITS!

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

COOPED-497ABCD

Whether your job is directly related to your major or not, Cooperative Education provides you with the opportunity to use your part-time, full-time, or internship position to earn degree-applicable credit.
First-time Cooperative Education students must complete a mandatory orientation. Please call 909/652-6190 to verify employment and appropriate course placement. Instructor consent is required to enroll in any COOPED course.
### Correctional Science (CRSCI)

**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: $3.00
- Grading: Letter grade only
- 79378 H.Rivas 9:30am-10:50am MW WH-102 (another section is at 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: $3.00
- Grading: Letter grade only
- (section is at Fontana)

**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: $3.00
- Grading: Letter grade only
- 79381 J.Estrada 9:30am-10:50am TTH SS-111

**CRSCI-4 Public Relations and Corrections 3.00 UNITS**
Aspects of public relations and methods of communicating with the public concerning correctional concepts and goals. Relations with law enforcement, government organizations, and prison-prevention groups.
- Materials Fee: $3.00
- Grading: Letter grade only
- 79382 J.Green 11:00am-2:30pm TTH SS-103

**CRSCI-5 Crime and Delinquency 3.00 UNITS**
Advisory: Completion of CRSCI-1.
- Materials Fee: $3.00
- Grading: Letter grade only
- 79383 J.Green 11:00am-2:30pm TTH SS-103

**CRSCI-6 Correctional Interviewing and Counseling 3.00 UNITS**
Basic interviewing and counseling processes, using appropriate techniques and theories.
- Materials Fee: $3.00
- Grading: Letter grade only
- 79384 R.Weatherford 8:00am-9:20am TTH SS-103 (another section is at Fontana)

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### Dance (DANCE)

**DANCE-1 Survey of Dance 3.00 UNITS**
Advisory: Eligibility for ENGL-1A as determined by the Chaffey assessment process. or completion of ENGL-475 or ESL-475.
Conceptual and historical study of dance from antiquity to the present, including the role of dance as a theatrical art and social form.
- Materials Fee: $3.00
- Grading: Letter grade only
- 79910 M.Jenkins 11:00am-12:20pm TTH CAA-218

**DANCE-4A Ballet IA 1.50 UNITS**
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: $3.00
- Grading: Letter grade only
- 79911 M.Jenkins 3:30pm-4:50pm MW CAA-206

**DANCE-4B Ballet IB 1.50 UNITS**
Advisory: Completion of DANCE-4A.
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: $3.00
- Grading: Letter grade only
- 79912 M.Jenkins 3:00pm-4:20pm TTH CAA-206

**DANCE-6A Ballet IIA 1.50 UNITS**
Advisory: Completion of DANCE-4B.
Skill improvement and added complexity in classical ballet barre and center technique. Development and practice of intermediate skill level combinations with modifications and complications.
- Materials Fee: $3.00
- Grading: Letter grade only
- 79913 M.Jenkins 3:00pm-4:20pm TTH CAA-206

**DANCE-6B Ballet IIB 1.50 UNITS**
Advisory: Completion of DANCE-6A.
Skill improvement in increasingly complex classical ballet barre and center technique. Further development and practice of intermediate/advanced skill level combinations with modifications and complications.
- Materials Fee: $3.00
- Grading: Letter grade only
- 79914 M.Jenkins 3:00pm-4:20pm TTH CAA-206
<table>
<thead>
<tr>
<th>SECTION #</th>
<th>INSTRUCTOR</th>
<th>HOURS</th>
<th>DAYS</th>
<th>ROOM</th>
</tr>
</thead>
<tbody>
<tr>
<td>DANCE-10A</td>
<td>Jazz Dance IA</td>
<td>1.00 UNITS</td>
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<tr>
<td></td>
<td>Basic jazz dance, vocabulary, and dance technique.</td>
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<tr>
<td></td>
<td>Materials Fee: $1.00</td>
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<td>Transfer: CSU; UC</td>
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<td>Grading: Letter grade only</td>
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</tr>
<tr>
<td>79915</td>
<td>Z.Cano</td>
<td>11:00am-12:50pm</td>
<td>T</td>
<td>CAA-206</td>
</tr>
</tbody>
</table>

| DANCE-10B | Jazz Dance IB | 1.00 UNITS |       |      |
| Advisory: Completion of DANCE-10A or level placement by instructor. | Further development of basic jazz dance skills, vocabulary, and technique. |       |      |      |
|           | Materials Fee: $1.00 |       |      |      |
|           | Transfer: CSU; UC |       |      |      |
|           | Grading: Letter grade only |       |      |      |
| 79917     | D.Bonds      | 5:00pm-6:50pm | T | CAA-206 | |

| DANCE-20A | Modern Dance IA | 1.00 UNITS |       |      |
| Basic modern dance skills and vocabulary emphasizing technique and creativity. |       |      |      |
| Materials Fee: $1.00 |       |      |      |
| Transfer: CSU; UC |       |      |      |
| Grading: Letter grade only |       |      |      |
| 79920     | M.Townsend   | 1:00pm-2:50pm | TH | CAA-206 | |
| 79921     | K.Rooney     | 1:30pm-3:20pm | M | CAA-206 | |

| DANCE-20B | Modern Dance IB | 1.00 UNITS |       |      |
| Limitation on Enrollment: Level placement pending instructor approval. | Advisory: Completion of DANCE-20A. | Further development of modern dance vocabulary and dance skills emphasizing technique and creativity. |       |      |
| Materials Fee: $1.00 |       |      |      |
| Transfer: CSU; UC |       |      |      |
| Grading: Letter grade only |       |      |      |
| 79922     | K.Rooney     | 1:30pm-3:20pm | M | CAA-206 | |

| DANCE-30A | Tap Dance IA | 1.00 UNITS |       |      |
| Basic tap dance techniques, skills, vocabulary, rhythms, and combinations. |       |      |      |
| Material Fee: $1.00 |       |      |      |
| Transfer: CSU; UC |       |      |      |
| Grading: Letter grade only |       |      |      |
| 79923     | C.Dahlstrom  | 1:00pm-2:50pm | F | CAA-206 | |

| DANCE-30B | Tap Dance IB | 1.00 UNITS |       |      |
| Advisory: Completion of DANCE-30A or level placement by instructor. | Further development of tap dance technique, skills, vocabulary, and choreographed routines. |       |      |      |
| Material Fee: $1.00 |       |      |      |
| Transfer: CSU; UC |       |      |      |
| Grading: Letter grade only |       |      |      |
| 79924     | C.Dahlstrom  | 1:30pm-3:20pm | W | CAA-206 | |

| DANCE-42  | Dance Production | 3.00 UNITS |       |      |
| Limitation on Enrollment: Audition to determine technical experience in various dance styles, or obtain approval of the instructor. | Course provides theatrical dance experience in a fully produced dance concert production. | Students gain knowledge of all aspects of the choreographic and rehearsal process culminating in dance performance of faculty and advanced student dance works. |       |      |
|           | Materials Fee: $1.00 |       |      |      |
|           | Transfer: CSU; UC |       |      |      |
|           | Grading: Letter grade only |       |      |      |
| 79927     | M.Jenkins     | 162 hrs/term arranged |      | CAA-206 | |

| DANCE-50A | Jazz Dance IIA | 1.00 UNITS |       |      |
| Limitation on Enrollment: Level placement pending instructor approval. | Advisory: Completion of DANCE-10B. | Intermediate jazz dance techniques, skills, and vocabulary. |       |      |
| Materials Fee: $1.00 |       |      |      |
| Transfer: CSU; UC |       |      |      |
| Grading: Letter grade only |       |      |      |
| 79918     | D.Bonds      | 5:00pm-6:50pm | T | CAA-206 | |

| DANCE-50B | Jazz Dance IIB | 1.00 UNITS |       |      |
| Limitation on Enrollment: Level placement pending instructor approval. | Advisory: Completion of DANCE-50A. | Advanced jazz dance techniques, styles, skills and vocabulary. |       |      |
| Materials Fee: $1.00 |       |      |      |
| Transfer: CSU; UC |       |      |      |
| Grading: Letter grade only |       |      |      |
| 79919     | D.Bonds      | 5:00pm-6:50pm | T | CAA-206 | |

| DANCE-60A | Tap Dance IIA | 1.00 UNITS |       |      |
| Limitation on Enrollment: Level placement pending instructor approval. | Advisory: Completion of DANCE-30B. | Intermediate tap dance techniques, skills, vocabulary, and routines. |       |      |
| Materials Fee: $1.00 |       |      |      |
| Transfer: CSU; UC |       |      |      |
| Grading: Letter grade only |       |      |      |
| 79925     | C.Dahlstrom  | 1:30pm-3:20pm | W | CAA-206 | |

| DANCE-60B | Tap Dance IIB | 1.00 UNITS |       |      |
| Advisory: Completion of DANCE-60A or level placement pending instructor consent. | Further development of tap dance skills and vocabulary at the advanced level emphasizing technique, styles, and rhythms. Increasing technical and artistic range through more complex warm-ups, travelling techniques, and choreographed combinations. |       |      |      |
| Materials Fee: $1.00 |       |      |      |
| Transfer: CSU; UC |       |      |      |
| Grading: Letter grade only |       |      |      |
| 79926     | C.Dahlstrom  | 1:30pm-3:20pm | W | CAA-206 | |

| DANCE-400 | Hip Hop Dance | 1.00 UNITS |       |      |
| 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 |       |      |      |
| Grading: Letter grade only |       |      |      |
| 79928     | D.Bonds      | 5:00pm-6:50pm | TH | CAA-206 | |

| DANCE-420 | Social Dance | 1.00 UNITS |       |      |
| Basic technique and styles of American and Latin ballroom dance including salsa, tango, rumba, merengue, cha-cha, swing, waltz, and foxtrot. |       |      |      |
| Materials Fee: $1.00 |       |      |      |
| Grading: Letter grade only |       |      |      |
| 79929     | K.Rooney     | 11:00am-12:50pm | M | CAA-206 | |

### FEE REFUNDS

Refunds of $20 or more are automatically processed. Refunds of less than $20 must be requested prior to the end of the semester. See page 14 for more information on the refund policy and processes.
### Dental Assisting (DENTAL)

<table>
<thead>
<tr>
<th>SECTION #</th>
<th>INSTRUCTOR</th>
<th>HOURS</th>
<th>DAYS</th>
<th>ROOM</th>
</tr>
</thead>
<tbody>
<tr>
<td>80980</td>
<td>S.Bartell-Lippert</td>
<td>8:00am-1:00pm MTWTH HS-141</td>
<td>01/12/15-03/12/15</td>
<td>Last day to add: 01/21/15</td>
</tr>
<tr>
<td>80981</td>
<td>S.Bartell-Lippert</td>
<td>8:00am-2:00pm MTWTH HS-132</td>
<td>03/23/15-05/19/15</td>
<td>Last day to add: 03/31/15</td>
</tr>
<tr>
<td>80982</td>
<td>B.Cox</td>
<td>8:00am-1:00pm MTWTHF HS-109B/106</td>
<td>01/12/15-03/13/15</td>
<td>Last day to add: 01/21/15</td>
</tr>
<tr>
<td>80983</td>
<td>B.Cox, L.Martin, and K.Lane</td>
<td>288-324 hrs/term clinical CLIN</td>
<td>01/12/15-05/20/15</td>
<td>Last day to add: 01/20/15</td>
</tr>
</tbody>
</table>

#### DENTAL-400 Dental Assisting Core Sciences 6.00 UNITS
- Core competencies and foundational skills. An overview of applicable biomedical terms and functions, infection control, medical and dental emergencies, professionalism, charting, and basic laboratory skills. Instructor signature required.
- Materials Fee: $6.00
- Grading: Letter grade only
- 01/12/15-05/20/15 Last day to add: 04/07/15
- SECT 79746: Arrange hours with instructors 8:30am-3:00pm

#### DENTAL-410 Dental Assisting Pre-Clinical Sciences 6.00 UNITS
- Prerequisite: DENTAL-400.
- Study and application of dental procedures performed in a preclinical site. An in-depth study of dental materials, instrumentation, procedures, protocols, and familiarity with dental specialties.
- Materials Fee: $6.00
- Grading: Letter grade only
- 01/12/15-05/20/15 Last day to add: 04/07/15
- SECT 79747: Arrange hours with instructors 8:30am-3:00pm

#### DENTAL-420 Radiography for Dental Assistants 6.00 UNITS
- Prerequisite: DENTAL-400.
- In-depth study of dental radiography. Including basic principles; characteristics and terminology; biological effects; placement and processing techniques; film mounting; error identification and correction.
- Materials Fee: $6.00
- Grading: Letter grade only
- 01/12/15-05/20/15 Last day to add: 04/07/15
- SECT 79748: Arrange hours with instructors 8:30am-3:00pm

#### DENTAL-430 Clinical Practice 6.00 UNITS
- Prerequisite: DENTAL-410.
- Advisory: Completion of DENTAL-420.
- Student is assigned to a clinical facility. Experiential objectives are the application of four-handed dentistry concepts, auxiliary utilization, direct patient care, and dental office procedures.
- Materials Fee: $6.00
- Grading: Letter grade only
- 01/12/15-05/20/15 Last day to add: 04/07/15
- SECT 79749: Arrange hours with instructors 8:30am-3:00pm

#### Disability Programs and Services (DPS)
- Students with specific disabilities or educational limitations should have a physician’s recommendation for class activities. This provides the instructor with the information necessary to tailor a program to the needs and capabilities of the individual student.

<table>
<thead>
<tr>
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<th>ROOM</th>
</tr>
</thead>
<tbody>
<tr>
<td>79746</td>
<td>B.Fuller</td>
<td>72-81 hrs/term arranged LDC</td>
<td>01/12/15-05/20/15</td>
<td>Last day to add: 04/07/15</td>
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<tr>
<td>79747</td>
<td>B.Fuller</td>
<td>72-81 hrs/term arranged LDC</td>
<td>01/12/15-05/20/15</td>
<td>Last day to add: 04/07/15</td>
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<tr>
<td>79748</td>
<td>B.Fuller</td>
<td>72-81 hrs/term arranged LDC</td>
<td>01/12/15-05/20/15</td>
<td>Last day to add: 04/07/15</td>
</tr>
</tbody>
</table>

#### DPS-524 Intermediate Job Readiness Skills 1.50 UNITS
- Limitation on Enrollment: Orientation and instructor signature is required for registration.
- Corequisite: DPS-577.
- Second course in a series of open-entry/open-exit self-paced courses for students with disabilities. This course focuses on intermediate job readiness skills to further prepare students for competitive employment.
- Not degree applicable
- Grading: Pass/No Pass only
- 01/12/15-05/20/15 Last day to add: 04/07/15
- SECT 79746: Arrange hours with instructors 8:30am-3:00pm

#### DPS-526 Mastery of Job Readiness Skills 1.50 UNITS
- Limitation on Enrollment: Orientation and instructor signature is required for registration.
- Corequisite: DPS-577.
- Second course in a series of open-entry/open-exit self-paced courses for students with disabilities, focusing on placement skills for obtaining competitive employment.
- Not degree applicable
- Grading: Pass/No Pass only
- 01/12/15-05/20/15 Last day to add: 04/07/15
- SECT 79747: Arrange hours with instructors 8:30am-3:00pm

#### DPS-577 Intermediate Job Skills Practicum Lab 1.50 UNITS
- Limitation on Enrollment: Orientation and instructor signature is required for registration.
- Corequisite: DPS-524.
- Open-entry/exit self-paced course for students with disabilities, focused on intermediate hands-on job skills to prepare students for competitive employment.
- Not degree applicable
- Grading: Pass/No Pass only
- 01/12/15-05/20/15 Last day to add: 04/07/15
- SECT 79748: Arrange hours with instructors 8:30am-3:00pm

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**DENTAL ASSISTING INTEREST/INFORMATION SESSIONS**

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

Additional sections of some classes may be available; check the Chino, Fontana, Ontario High School, and Hybrid/Online sections.
DPS-579 Mastery of Job Skills Practicum Lab 1.50 UNITS
Limitation on Enrollment: Orientation and instructor signature is required for registration.
Corequisite: DPS-526.
Open-entry/exit self-paced course for students with disabilities, focused on hands-on job skills needed for obtaining job placement in competitive employment.
Not degree applicable
Grading: Pass/No Pass only
79749 L.Parchment-Williams 72-81 hrs/term arranged LDC
01/12-05/20/15 Last day to add: 04/07/15
SECT 79749: Arrange hours with instructors 8:30am-3:00pm

DPS-651 Job Placement Practicum for Students With Disabilities 0.00 UNITS
Open-entry/exit lab course offering individualized instruction in job development, job search, job holding skills, and utilization of community resources for students with disabilities. May be repeated. Contact instructor to arrange hours.
Non credit course
Grading: Ungraded
79743 A.Copas 24-27 hrs/term arranged LDC
01/12-05/20/15 Last day to add: 04/07/15
SECT 79743: Arrange hours with instructors 8:30am-3:00pm

DPS-657 Vocational Skills for Students With Disabilities 0.00 UNITS
Open-entry/exit course for students with disabilities, teaching work skills that increased their earning potential and level of independence. Curriculum may include entry-level work skills, job retention skills, and interpersonal skill development. May be repeated. NOTE: Student must have been identified under Title V regulations as a Developmentally Delayed Learner. Students should have the willingness to work in large and small groups, individualized and/or laboratory settings, and the desire to develop work, reading, and money handling skills as related to a vocation and independent living. Student must not be injurious to self or others. NOTE: Arrange hours with instructors 8:30am-3:15pm, Monday - Friday.
Non credit course
Grading: Ungraded
79740 C.Sallaberria 48-54 hrs/term arranged DI
01/12-05/20/15 Last day to add: 04/07/15
79741 D.Plumley 48-54 hrs/term arranged DI
01/12-05/20/15 Last day to add: 04/07/15
79742 L.Parchment-Williams 48-54 hrs/term arranged DI
01/12-05/20/15 Last day to add: 04/07/15
79743 A.Copas 48-54 hrs/term arranged DI
01/12-05/20/15 Last day to add: 04/07/15
79744 N.Badgley 48-54 hrs/term arranged DI
01/12-05/20/15 Last day to add: 04/07/15

PRIORITY REGISTRATION

Effective Summer 2014, priority registration has been legally mandated for the following student groups:
Eligible veterans, foster youth, active EOPS, DPS, and CalWorks students.
Per the Student Success Act of 2012, Senate Bill 1456, signed into law in September 2012. See www.chaffey.edu/student-success for more info.

Drafting (DRAFT) 909/652-6404

DRAFT-20 Computer-Aided Drafting and Design 4.00 UNITS
Advisor: Completion of CIS-4 or Windows experience.
Introduction to Computer Aided Drafting and Design (CADD) technology, terminology, and application, using an industry-standard program. Emphasis on two-dimensional working drawings.
Materials Fee: $4.00
Grading: Letter grade only
82214 R.Koyle 8:00am-9:20am TTH VSS-103
and 9:30am-10:50am TTH VSS-103
82213 STAFF 8:00am-10:50am F VSS-103
and 11:30am-2:20pm F VSS-103

DRAFT-41 Computer-Aided Drafting and Design: Mechanical 4.00 UNITS
Prerequisite: DRAFT-20.
Assignments include advanced drawing techniques using CAD.
Materials Fee: $4.00
Grading: Letter grade only
82217 S.Hall 2:00pm-2:50pm TTH VSS-105
and 3:00pm-4:20pm TTH VSS-105

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.
Materials Fee: $3.00
Grading: Letter grade only
82217 S.Hall 2:00pm-2:50pm TTH VSS-105
and 3:00pm-4:20pm TTH VSS-105

DRAFT-53 Architectural Applications of CAD 4.00 UNITS
Prerequisite: DRAFT-20 and 51.
Use of computer-aided drafting software for architectural plans.
Materials Fee: $4.00
Grading: Letter grade only
82218 L.Pirkle 5:30pm-6:20pm TTH VSS-105
and 6:30pm-9:20 pm TTH VSS-105

DRAFT-78 Advanced Design Applications 4.00 UNITS
Prerequisite: EGTECH-10, or 1 year experience using SolidWorks or a similar feature-based modeling software.
Advanced modeling/drawing of machine parts in the various stages of manufacturing with required back-up items such as jigs, fixtures, weldments, tooling, molds, and dies. Assignments may be done using a CAD system.
Materials Fee: $4.00
Grading: Letter grade only
82216 STAFF 5:30pm-6:20pm MW VSS-103
and 6:30pm-7:50pm MW VSS-103

Visit our website at www.chaffey.edu for application and registration information.
Earth Science (ESC)

(Also see Geology)

ESC-1 Earth Science 3.00 UNITS
Topics include geology, oceanography, meteorology, and planetology.
(C-ID GEOL 120)
Materials Fee: $3.00 Transfer: CSU; UC
Grading: Letter grade only

82224 J.Warger 8:00am-9:20am MW PS-112
82226 D.Neves 8:00am-9:20am TTH PS-112
83013 M. Freeman 9:00am-12:00pm S PS-112
82228 J.Warger 9:30am-10:50am MW PS-112
82229 D.Neves 9:30am-10:50am TTH WH-102
82230 R.Woolford 11:00am-12:20pm TTH PS-112
82232 R.Woolford 2:00pm-3:20pm TTH PS-112
82233 J.Johnston 7:00pm-8:20pm TTH PS-112

ESC-1L Earth Science Laboratory 1.00 UNITS
Corequisite: ESC-1 (may be taken previously)
Hands-on activities to reinforce lecture concepts using scientific tools and methods to image, measure and observe phenomenon in geology, oceanography, astronomy and meteorology. (C-ID GEOL 120L)
Materials Fee: $3.00 Transfer: CSU; UC
Grading: Letter grade only

82236 J.Warger 9:30am-10:50am TTH PS-109
82237 J.Warger 11:00am-12:20pm MW PS-109
82237 D.Neves 11:00am-12:20pm TTH PS-101
82231 R.Woolford 12:30pm-1:50pm TTH PS-101
82234 J.Maas 3:30pm-4:50pm TTH PS-109
83014 M. Freeman 6:00pm-9:00pm F PS-109
82235 J.Maas 8:30pm-9:50pm TTH PS-109

ESC-5 Oceanography 3.00 UNITS
Study of the marine environment including seawater properties, ocean currents and marine biology.
Materials Fee: $3.00 Transfer: CSU; UC
Grading: Letter grade only

82236 J.Warger 9:00am-10:20am MW PS-112
82226 D.Neves 8:00am-9:20am TTH PS-112
83013 M. Freeman 9:00am-12:00pm S PS-112
82228 J.Warger 9:30am-10:50am MW PS-112
82229 D.Neves 9:30am-10:50am TTH WH-102
82230 R.Woolford 11:00am-12:20pm TTH PS-112
82232 R.Woolford 2:00pm-3:20pm TTH PS-112
82233 J.Johnston 7:00pm-8:20pm TTH PS-112

ESC-5L Oceanography Laboratory 1.00 UNITS
Corequisite: ESC-5 (may be taken previously)
Hands-on activities to reinforce lecture concepts using scientific tools and methods to image, measure and observe phenomenon in oceanography.
Materials Fee: $3.00 Transfer: CSU; UC
Grading: Letter grade only

82236 J.Warger 9:30am-10:50am TTH PS-109
82226 D.Neves 11:00am-12:20pm TTH PS-109
82227 D.Neves 11:00am-12:20pm TTH PS-101
82231 R.Woolford 12:30pm-1:50pm TTH PS-101
82234 J.Maas 3:30pm-4:50pm TTH PS-109
83014 M. Freeman 6:00pm-9:00pm F PS-109
82235 J.Maas 8:30pm-9:50pm TTH PS-109

Economics (ECON)

ECON-1 Introduction to Economics 3.00 UNITS
The U.S. economic system including unemployment, growth, globalization, the environment, regulation, deregulation, inflation, interest rates, price discrimination, corporations and labor unions.
Materials Fee: $3.00 Transfer: CSU; UC credit limitations
Grading: Letter grade only

79620 O.Elbaz 11:00am-12:20pm TTH SS-111
79621 O.Elbaz 12:30pm-1:50pm TTH SS-111
79618 J.Bryant 7:00pm-9:50pm M SS-113
79619 A.Jorgensen 7:00pm-10:30pm MW SS-100
01/12/15-03/09/15 Last day to add: 01/20/15
SECT 79619: Fast-Track class; see pages 297-303 for more info.
(more sections are at Chino and Fontana)

ECON-2 Principles of Macroeconomics 3.00 UNITS
Prerequisite: Eligibility for MATH-425 as determined by the Chaffey assessment process, or completion of MATH-410.
Advisory: Completion of MATH-425.
Study of market systems, aggregate measures of economic activity, macroeconomic equilibrium, money and financial institutions, monetary and fiscal policy, international economics, and economic growth.
Materials Fee: $3.00 Transfer: CSU; UC
Grading: Letter grade only

79626 C.Parker 12:00pm-2:50pm F SS-103
SECT 79626: Honors class; see page 304 for more info.
79623 B.McMurran 12:30pm-1:50pm TTH WH-102
79624 C.Parker 3:00pm-6:30pm MW SS-103
01/12/15-03/09/15 Last day to add: 01/20/15
SECT 79624: Fast-Track class; see pages 297-303 for more info.
79625 C.Parker 3:00pm-6:30pm M SS-103
and
03/23/15-05/13/15 Last day to add: 03/26/15
SECT 79625: Fast-Track and Hybrid class: see pages 282 and 297-303 for more info.
79627 R.Bandzak 7:00pm-9:50pm T SS-111
79628 R.Bandzak 7:00pm-9:50pm W SS-108
(more sections are online and at Chino)

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

79634 O.Elbaz 9:00am-12:00pm S SS-111
79635 B.McMurran 11:00am-12:20pm MW WH-102
79632 C.Parker 3:00pm-6:30pm W SS-103
and
03/25/15-05/13/15 Last day to add: 03/26/15
SECT 79632: Fast-Track and Hybrid class; see pages 282 and 297-303 for more info.
79633 C.Parker 7:00pm-8:20pm M SS-104
and
01/12/15-05/20/15 Last day to add: 01/20/15
SECT 79633: Hybrid class; see page 282 for more info.
(more sections are online and at Chino)
Education (ED)

ED-10 Elementary Classroom Fieldwork 3.00 UNITS
Limitation on Enrollment: Proof of a negative TB test within past 12 months and legal fingerprint clearance through the Chaffey College Human Resources Department are required for fieldwork placement.
Prerequisite: ED-400, and eligibility for ENGL-1A as determined by the Chaffey assessment process or completion of ENGL-475 or ESL-475.
Exploration of the concepts and issues related to teaching diverse K-12 learners. 45 hours of hours of structured fieldwork with a certified teacher in a public elementary classroom is a required part of the course. (C-ID EDUC 200)
Materials Fee: $3.00
Grading: Letter grade only
79435 M.Alexander 2:00pm-3:20pm TTH CD-124A

ED-400 Introduction to Education and Teaching I 3.00 UNITS
Advisory: Completion of ENGL-450 or ESL-450, or ENGL-475 or ESL-475.
Explores professional responsibilities, career pathways, and job search strategies for tutors, para educators, activity supervisors, and credentialed teachers.
Materials Fee: $3.00
Grading: Letter grade only
79433 M.Alexander 9:30am-10:50am TTH CD-124B
79434 M.Alexander 11:00am-12:20pm TTH CD-124B

Electricity
(See Industrial Electrical Technology in Chino section)

Emergency Medical Technician (EMT)

EMT-405 First Responder for Emergency Medical 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: $3.00
Grading: Letter grade only
81464 STAFF 6:00pm-9:50pm T BE-105

EMT-410 Emergency Medical Technician 6.50 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 ICEMA certifying exam.
Materials Fee: $6.50
Grading: Letter grade only
81465 N.Pheng 8:30am-1:30pm F BE-105
and 2:00pm-4:50pm F BE-105
and 24 hrs/term field experience OTHR
(another section is at Fontana)

Engineering (ENGIN)

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: $3.00
Grading: Letter grade only
82222 STAFF 2:00pm-2:50pm MW VSS-105
and 3:00pm-4:50pm MW VSS-105

ENGIN-71 Circuit Analysis 4.00 UNITS
Prerequisite: PHYS-46 and MATH-65B.
Modeling and analysis of electrical networks. Basic network theorems. Sinusoidal steady state and transient analysis of RLC network. Response as a function of frequency. Current, voltage, and power relationships. Laboratory investigation of Ohm’s Law; voltage and current division; mesh and nodal analysis; Thevenin and Norton equivalents; superposition; simple RL, RC, and RLC circuits; phasors. Use of voltmeters, ammeters, ohmmeters and oscilloscopes.
Material Fee: $4.00
Grading: Letter grade only
82223 H.Stewart 5:30pm-6:50pm MW VSS-105
and 7:00pm-8:20pm MW VSS-105

Engineering Technology (EGTECH)

EGTECH-10 Introduction to Engineering Design 4.00 UNITS
Introduction to the design process using engineering graphics systems.
Materials Fee: $4.00
Grading: Letter grade only
82219 S.Egli 2:00pm-3:20pm MW VSS-103
and 3:30pm-4:50pm MW VSS-103
82220 S.Egli 2:00pm-3:20pm TTH VSS-103
and 3:30pm-4:50pm TTH VSS-103

ATTENTION GRADUATING STUDENTS
FEBRUARY 27 IS THE DEADLINE TO APPLY FOR GRADUATION DEGREES AND CERTIFICATES IF YOU WANT TO PARTICIPATE IN THE COMMENCEMENT CEREMONY ON MAY 21, 2015.

Additional sections of some classes may be available; check the Chino, Fontana, Ontario High School, and Hybrid/Online sections.
EGTECH-16  Computer Integrated Manufacturing -  3.00 UNITS
CNC Material Removal
Prerequisite: EGTECH-10, or DRAFT-43, or one year of high school CAD/Engineering courses using feature-based modeling software such as AutoDesk Inventor or Solidworks, or demonstrated performance with feature-based modeling software.
Overview of automated manufacturing concepts including CNC programming. Materials Fee: $3.00  Transfer: CSU
Grading: Letter grade only
80649 S.Stratton  12:30pm-1:50pm  TH  LA-111  INET
and 01/12/15-05/20/15 Last day to add: 01/20/15
SECT 80649: Hybrid class; see page 282 for more info.
80637 R.Gomez  1:00pm-4:00pm  S  LA-110
80621 S.Calebotta  3:00pm-6:30pm  MW  LA-110
01/12/15-03/09/15 Last day to add: 01/20/15
SECT 80621: Fast-Track class linked with ENGL-1B, section 80622. See pages 297-303 for more info.
80650 STAFF  3:00pm-6:30pm  TTH  LA-111
01/13/15-03/03/15 Last day to add: 01/20/15
SECT 80650: Fast-Track class; see pages 297-303 for more info.
80651 STAFF  3:00pm-6:30pm  TTH  LA-111
03/24/15-05/12/15 Last day to add: 03/26/15
SECT 80651: Fast-Track class; see pages 297-303 for more info.
80599 A.Durfeld  3:30pm-4:50pm  MW  LA-100
80600 E.Leano  3:30pm-4:50pm  TTH  LA-100
80600 D.Estrada  5:30pm-6:50pm  MW  LA-100
80607 S.Stratton  5:30pm-6:50pm  MW  LA-100
80635 P.Quaranta  6:00pm-9:00pm  F  LA-110
80629 C.Gibson  7:00pm-9:50pm  M  LA-110
80652 C.Cotton  7:00pm-10:30pm  MW  LA-111
01/12/15-03/09/15 Last day to add: 01/20/15
SECT 80652: Fast-Track class linked with ENGL-1B, section 80653. See pages 297-303 for more info.
80609 G.Lara  7:00pm-9:50pm  T  LA-100
80654 S.Steffen  7:00pm-10:30pm  TTH  LA-111
01/13/15-03/03/15 Last day to add: 01/20/15
SECT 80654: Fast-Track class linked with ENGL-1B, section 80655. See pages 297-303 for more info.
80610 S.Stratton  7:00pm-9:50pm  W  LA-100
80611 G.Lara  7:00pm-9:50pm  TH  LA-100
(more sections are online, and at Chino, Fontana, and Ontario High School)

ENGL (ENGL)

909/652-6902

ENGL-1A  Composition  3.00 UNITS
Prerequisite: Eligibility for ENGL-1A as determined by the Chaffey assessment process, or successful completion of ENGL-450, ENGL-475, ESL-450, ESL-475, or READ-550.
Study and practice of expository and argumentative writing techniques. Frequent writing of compositions, with the ultimate goal of writing a research paper. A minimum of 6,000 written words is expected in the course. Three hours of supplemental learning in a Success Center that supports this course is required. (C-ID ENGL 100)
Materials Fee: $3.00  Transfer: CSU; UC
Grading: Letter grade only
NOTE: Sections held in LA-110 and LA-111 may have in-class computer writing assignments. Basic computer and keyboarding skills are recommended.
80660 S.Calebotta  8:00am-9:45am  MTTWH  LA-106
03/23/15-04/13/15 Last day to add: 03/26/15
SECT 80660: Fast-Track class linked with ENGL-475, section 80659. See pages 297-303 for more info.
80617 J.LaMay  8:00am-9:20am  MW  LA-110
80675 L.Fisher  8:00am-9:20am  MW  LA-108
SECT 80675: Puente program class; instructor consent is required for registration.
80623 N.Watkins  8:00am-9:20am  TTH  LA-110
80633 M.Kowach  9:00am-11:50am  F  LA-110
80636 R.Gomez  9:00am-12:00pm  S  LA-110
80595 A.Bartlett  9:30am-10:50am  MW  LA-100
80618 J.LaMay  9:30am-10:50am  MW  LA-110
80602 A.Bartlett  9:30am-10:50am  TTH  LA-100
80624 N.Watkins  9:30am-10:50am  TTH  LA-100
80596 A.Bartlett  11:00am-12:20pm  MW  LA-100
80640 L.Fisher  11:00am-12:20pm  MW  LA-111
SECT 80640: Honors class; see page 304 for more info.
80625 C.Williams  11:00am-2:30pm  TTH  LA-110
01/13/15-03/03/15 Last day to add: 01/20/15
SECT 80625: Fast-Track class linked with ENGL-1B, section 80626. See pages 297-303 for more info.
80634 M.Kowach  12:00pm-2:50pm  F  LA-110
80597 A.Durfeld  12:30pm-1:50pm  MW  LA-100
80620 S.Hanson  12:30pm-1:50pm  MW  LA-110
80646 S.Stratton  12:30pm-1:50pm  T  LA-111  INET
and 01/12/15-05/20/15 Last day to add: 01/20/15
SECT 80648: Hybrid class; see page 282 for more info.

ENGL-1B  Advanced Composition and Critical  3.00 UNITS
Thinking
Prerequisite: ENGL-1A.
Students incorporate rhetorical strategies in analysis and researched argumentation. Focus on logical reasoning, credibility, and emotional appeals. Writing intensive with a minimum production of 6,000 words. (C-ID ENGL 105)
Materials Fee: $3.00  Transfer: CSU; UC
Grading: Letter grade only
NOTE: There may have in-class computer writing assignments. Basic computer and keyboarding skills are recommended.
80638 N.Watkins  8:00am-9:20am  MW  LA-111
80645 D.Keener  8:00am-9:20am  TTH  LA-111
SECT 80645: Honors class; see page 304 for more info.
80656 J.Grasmick  9:00am-11:50am  F  LA-111
80658 T.Muir  9:00am-12:00pm  S  LA-111
80639 N.Watkins  9:30am-10:50am  MW  LA-110
80619 B.Khaw-Posthuma 11:00am-12:20pm  MW  LA-110
80626 C.Williams  11:00am-2:30pm  TTH  LA-110
03/24/15-05/12/15 Last day to add: 03/26/15
SECT 80626: Fast-Track class linked with ENGL-1A, section 80625. See pages 297-303 for more info.
80641 J.Lehar  12:30pm-1:50pm  MW  LA-111
80642 D.Keener  2:00pm-3:20pm  MW  LA-111
80622 S.Calebotta  3:00pm-6:30pm  MW  LA-110
03/23/15-05/13/15 Last day to add: 03/26/15
SECT 80622: Fast-Track class linked with ENGL-1A, section 80621. See pages 297-303 for more info.
80627 R.Piluso  3:00pm-6:30pm  TTH  LA-110
01/13/15-03/03/15 Last day to add: 01/20/15
SECT 80627: Fast-Track class linked with ENGL-1C, section 80628. See pages 297-303 for more info.
80643 W.Jones  3:30pm-4:50pm  MW  LA-111
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.

ENGL-1A Fundamentals of College Reading and Writing
ENGL-575 Introduction to College Reading and Writing
ENGL-475 Fundamentals of College Reading and Writing

*Dependent upon the re-assessment results, students move on to ENGL-575 or are advised to retake ENGL-475.

ENGL-1C Introduction to Literature 3.00 UNITS
Prerequisite: ENGL-1A.
Foundation course in the study of the literary genres: novel, short story, poetry, and drama. (C-ID ENGL 120)
Materials Fee: $3.00  Transfer: CSU; UC
Grading: Letter grade only

ENGL-7B Creative Writing: 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 fiction writing focused on longer works. Students study the underlying principles of this form of literature; write longer and more developed short stories, novellas, or several chapters of a novel; analyze and critique each other's work; edit/revise/rewrite works to ready for publication; and research potential markets for submission.
Materials Fee: $3.00  Transfer: CSU; UC
Grading: Letter grade only

ENGL-7D Creative Writing: Poetry 3.00 UNITS
Prerequisite: Eligibility for ENGL-1A as determined by the Chaffey assessment process, or completion of ENGL-475 or ESL-475.
Writing seminar focused on analysis of methods, forms, and meanings of poetry. Students develop standards for judging the worth of a poem, analyze and critique professional and student work, and write their own poetry.
Materials Fee: $3.00  Transfer: CSU; UC
Grading: Letter grade only

ENGL-35 Literary Magazine Publication 4.00 UNITS
Prerequisite: Eligibility for ENGL-1A as determined by the Chaffey assessment process, or completion of ENGL-475 or ESL-475.
Experience in magazine production. As editors for The Chaffey Review, students master the fundamentals of editorial selection, evaluation, editing, proofreading, layout, design, production, promotion, and distribution.
Materials Fee: $4.00  Transfer: CSU
Grading: Letter grade only

Additional sections of some classes may be available; check the Chino, Fontana, Ontario High School, and Hybrid/Online sections.
ENGL-70B  World Literature  
**Prerequisite:** ENGL-1A.  
Survey of significant authors and texts of world literature - including those from Europe, the Middle East, Asian and other areas - from the mid-17th century to the present.  
Materials Fee: $3.00  
Grading: Letter grade only  
80601 L.Fisher  
8:00am-9:20am  TTH LA-100

ENGL-75B  American Literature  
**Prerequisite:** ENGL-1A.  
Survey of significant authors and texts of American literature from the Civil War to the present. Examination of the relationship between historical events and literary works.  
Materials Fee: $3.00  
Grading: Letter grade only  
80605 B.Khaw-Posthuma 2:00pm-3:20pm  TTH LA-100

ENGL-77  Latino Literature  
**Advisory:** Completion of ENGL-1A.  
Introduction to Latino literature written in English. Analysis of literary modes, recurring themes, and the social, cultural, and political influence of Latino literature during the twentieth and twenty-first centuries.  
Materials Fee: $3.00  
Grading: Letter grade only  
80603 L.Fisher  
11:00am-12:20pm  TTH LA-100

ENGL-80B  Survey of British Literature  
**Prerequisite:** ENGL-1A.  
Survey of the history and development of English literature, from the late 18th century to the present, including contemporary British and post-colonials. Examination of the relationship between historical events and literary works.  
Materials Fee: $3.00  
Grading: Letter grade only  
80594 D.Keener  
8:00am-9:20am  MW LA-100

ENGL-81  Shakespeare  
**Advisory:** Completion of ENGL-1A and 80A.  
Intensive reading, along with oral and written discussion, of a selected group of Shakespearean plays.  
Materials Fee: $3.00  
Grading: Letter grade only  
80646 D.Keener  
9:30am-10:50am  TTH LA-111

ENGL-475  Fundamentals of College Reading and  
**Prerequisite:** Eligibility for ENGL-475 as determined by the Chaffey assessment process, or successful completion of ENGL-550 or 575, or READ-530, or BUSOT-455.  
Careful study and practice of critical thinking, reading, and expository writing techniques, using primarily nonfiction texts, and the frequent writing of compositions with the ultimate goal of writing an essay using sources. Preparation for English 1A and a variety of academic disciplines. Five hours of supplemental learning in a Success Center that supports this course are required.  
Materials Fee: $0.00  
Grading: Letter grade only  
80659 S.Calebotta  
7:30am-9:45am  MTWTH LA-106  
01/12/15-03/05/15  Last day to add: 01/20/15  
SECT 80659: Fast-Track class linked with ENGL-1A, section 80660. See pages 297-303 for more info.

ENGL-575  Introduction to College Reading and  
**Prerequisite:** Eligibility for ENGL-575 as determined by the Chaffey assessment process, or successful completion of ENGL-500 or READ-520.  
Introduction to the academic reading, writing, critical thinking, and study skills expected at the college level with the ultimate goal of producing clear, competent essays. Seven hours of supplemental learning in a Success Center that supports this course are required.  
Materials Fee: $0.00  
Grading: Letter grade only  
NOTE: Sections held in LA-113 may have in-class computer writing assignments. Basic computer and keyboarding skills are recommended.  
80679 S.Stratton  
8:00am-9:50am  MW LA-113
80681 K.Kusudo  
8:00am-11:50am  TTH LA-113
80682 K.Sire  
9:00am-12:50pm  S LA-113
80666 B.Spears  
10:00am-11:50am  TTH LA-106
82501 STAFF  
12:00pm-1:50pm  MW LA-113
80678 V.Tulacaco  
2:00pm-3:50pm  MW LA-106
80668 J.Grasmick  
2:00pm-3:50pm  TTH LA-106
80664 C.Decker  
4:30pm-6:45pm  MTWTH LA-106  
01/12/15-03/05/15  Last day to add: 01/20/15  
SECT 80664: Fast-Track class linked with ENGL-475, section 80665. See pages 297-303 for more info.
80694 M.French  
6:00pm-9:50pm  M LA-113
80695 N.Gossett  
6:00pm-9:50pm  T LA-113

Additional sections of some classes may be available; check the Chino, Fontana, Ontario High School, and Hybrid/Online sections.
**ENGL-675** Preparation for College Reading and Writing 0.00 UNITS
Prerequisite: Eligibility for ENGL-675 as determined by the Chaffey assessment process, or successful completion of READ-500 or READ-510.
Introduces the inexperienced reader and writer to a variety of pre-college and college-level texts and writing situations. Prepares students for the thinking, reading, and writing skills necessary to succeed at the college level. Ten hours of supplemental learning in a Success Center that supports this course are required. Upon successful completion of the course student may re-assess for possible placement into the credit curriculum. May be taken three times.
Non Credit Course
Grading: Pass/No Pass
80698 M.Olivera-Lavalle 8:00am-11:50am F LA-113
80690 M.Olivera-Lavalle 10:00am-11:50am MW LA-113
80692 M.Olivera-Lavalle 2:00pm-3:50pm TTH LA-113

**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 critical thinking, reading, and expository writing techniques for non-native speakers of English. Uses primarily nonfiction texts to facilitate composition writing, with the ultimate goal of writing an essay 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: $0.00
Grading: Letter grade only
80701 C.Phipps 2:00pm-3:50pm TTH TA-1M

**ESL-508** Pronunciation of American English 3.00 UNITS
Prerequisite: Placement recommendation by the ESL assessment test into ESL-544, 546, or 548 or higher level course, or satisfactory completion of ESL-534, 536, or 538.
Intensive instruction speaking and pronunciation skills to improve fluency and minimize accents. Topics include: consonants and vowels, pitch and intonation patterns, rhythm, and sound reductions. Eight hours of supplemental learning in a Success Center that supports this course is required.
Materials Fee: $3.00
Grading: Pass/No Pass only
80730 L.Tougas 12:30pm-1:50pm TTH TA-08

**ESL-534** Intermediate Oral Communication 3.00 UNITS
Prerequisite: Placement recommendation by the ESL assessment test, or satisfactory completion of ESL-641.
A conversational approach to learning English. Conversation skills and language used in reading, listening, writing, and grammar form. Course builds overall fluency and comprehension. Eight hours of supplemental learning in a Success Center that supports this course is required.
Materials Fee: $3.00
Grading: Pass/No Pass only
80718 D.Evans 9:30am-10:50am TTH TA-08

**ESL-536** Intermediate Reading and Vocabulary Skills 3.00 UNITS
Prerequisite: Placement recommendation by the ESL assessment test, or satisfactory completion of ESL-641.
An intermediate level reading course. Emphasis is on reading in class, vocabulary development, general comprehension, reading for details, fact versus opinion, and reading speed.
Materials Fee: $3.00
Grading: Pass/No Pass only
80725 B.Quinoones 8:00am-9:20am TTH TA-1N
80724 J.Fehr 9:30am-10:50am MW TA-1M

**ESL-538** Intermediate Writing and Grammar 3.00 UNITS
Prerequisite: Placement recommendation by the ESL assessment test, or satisfactory completion of ESL-641.
An intermediate level writing and grammar course, with focus on improving written grammar and fluency. Skills emphasis: tenses, mechanics, sentence structures, transitions, and basic paragraph structure. Eight hours of supplemental learning in a Success Center that supports this course is required.
Materials Fee: $3.00
Grading: Pass/No Pass only
80720 D.Evans 11:00am-12:20pm TTH TA-1N
80721 D.OcCarmo 11:00am-12:20pm MW TA-1M
80711 C.Phipps 11:00am-12:20pm TTH TA-1M

**ESL-544** High-Intermediate Oral Communication 3.00 UNITS
Prerequisite: Placement recommendation by the ESL assessment test, or satisfactory completion of ESL-534.
A communicative approach to learning English. Conversation strategies, pronunciation work, and directed listening activities help build strong fluency and comprehension. Eight hours of supplemental learning in a Success Center that supports this course is required.
Materials Fee: $3.00
Grading: Pass/No Pass only
80726 S.Murphy 9:30am-10:50am MW TA-08
80727 J.Fehr 12:30pm-1:50pm 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: $3.00
Grading: Pass/No Pass only
80726 S.Murphy 9:30am-10:50am MW TA-08
80727 J.Fehr 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: $3.00
Grading: Pass/No Pass only
80714 B.Quinoones 9:30am-10:50am TTH TA-1N
80713 K.Pennett 11:00am-12:20pm MW TA-1N

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

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### ESL-554  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: $3.00  Not degree applicable
Grading: Pass/No Pass only

<table>
<thead>
<tr>
<th>SECTION #</th>
<th>INSTRUCTOR</th>
<th>HOURS</th>
<th>DAYS</th>
<th>ROOM</th>
</tr>
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<tbody>
<tr>
<td>80722</td>
<td>C.Barley</td>
<td>8:00am-9:20am</td>
<td>TTH</td>
<td>TA-1M</td>
</tr>
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<td>80723</td>
<td>K.Pennett</td>
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### ESL-556  Advanced Reading and Vocabulary  3.00 UNITS
Prerequisite: Placement recommendation by the ESL assessment test, or satisfactory completion of ESL-546.
An advanced reading course. Focus: improve reading efficiency by expanding vocabulary, comprehension, critical thinking, and study skills. Students practice and develop whole language and critical thinking skills.
Materials Fee: $3.00  Not degree applicable
Grading: Pass/No Pass only

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### ESL-558  Advance Writing and Grammar  3.00 UNITS
Prerequisite: Placement recommendation by the ESL assessment test, or satisfactory completion of ESL-548.
An advanced writing course. Focus: paragraph development and basic essays. Skills emphasis: audience, purpose, point of view, advanced syntax, tone, and rhetorical modes. Prepares students for degree applicable courses. Eight hours of supplemental learning in a Success Center that supports this course is required. May be taken twice.
Materials Fee: $3.00  Not degree applicable
Grading: Pass/No Pass only

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### ESL-640  Literacy-Level English  0.00 UNITS
Prerequisite: Placement recommendation by the Chaffey ESL assessment test.
Beginning course that focuses on survival English skills and introduces the student to the structure of the American classroom. Emphasis is on basic vocabulary and deducing meaning from the written and spoken word. Ten hours of supplemental learning in a Success Center that supports this course is required. May be taken twice. Non Credit Course
Grading: Pass/No Pass only

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<td>11:00am-12:20pm</td>
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### ESL-650  English and Citizenship  0.00 UNITS
Prerequisite: Placement recommendation at ESL-534, 536, 538, or higher-level ESL course as determined by the Chaffey ESL assessment process, or completion of ESL-641.
A beginning course for non-native speakers of English who wish to become citizens of the United States. Topics: basic English, basic U.S. history and government, and American culture and civics. May be repeated.
Non Credit Course
Grading: Pass/No Pass only

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### ESL-656  Advanced Reading and Vocabulary  0.00 UNITS
Prerequisite: Placement recommendation by the ESL assessment test.
An advanced reading course. Focus: improve reading efficiency by expanding vocabulary, comprehension, critical thinking, and study skills. Students practice and develop whole language and critical thinking skills.
Materials Fee: $3.00  Not degree applicable
Grading: Pass/No Pass only

### ESL-641  Everyday English  0.00 UNITS
Advisory: Placement recommendation by the ESL assessment test, or completion of ESL-640.
Multi-level course that focuses on the use of English language skills in everyday contexts. Emphasis on vocabulary development, listening comprehension, pronunciation, oral practice, and basic reading and writing. Ten hours of supplemental learning in a Success Center that supports this course is required. May be taken twice. Non Credit Course
Grading: Pass/No Pass only

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Additional sections of some classes may be available; check the Chino, Fontana, Ontario High School, 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)** 909/652-6830

**FIRETEC-4 Building Construction for Fire Protection**
3.00 UNITS
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.
Materials Fee: $3.00
Grading: Letter grade only
81458 T. Hayward 11:00am-12:20pm TTH BE-101
(another section is at Fontana)

**FIRETEC-5 Fire Prevention**
3.00 UNITS
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.
Materials Fee: $3.00
Grading: Letter grade only
81459 T. Hayward 9:30am-10:50am MW BE-101

**FIRETEC-6 Fire Apparatus and Equipment**
3.00 UNITS
Introduction to the mechanized equipment operated by fire service personnel and the regulations pertaining to its use. Topics include driving laws, operation of pumping engines, ladder trucks, and apparatus maintenance.
Materials Fee: $3.00
Transfer: CSU
Grading: Letter grade only
81460 T. Hayward 12:30pm-1:50pm TTH BE-101

**FIRETEC-7 Strategies and Tactics**
3.00 UNITS
Prerequisite: FIRETEC-1.
Principles of fire control, through utilization of manpower, equipment, extinguishing agents, and fire command and control procedures. Pre-fire planning and the organized approach to decision making on the fire ground.
Materials Fee: $3.00
Transfer: CSU
Grading: Letter grade only
81461 T. Hayward 11:00am-12:20pm MW BE-101

**FIRETEC-402 Basic Incident Command Systems ICS-200**
1.00 UNITS
Provides a working knowledge of the Incident Command System (ICS) function, organization, features, facilities, resources, and responsibilities.
Materials Fee: $1.00
Grading: Letter grade only
81463 T. Hayward 2:00pm-3:20pm MW BE-105

**FIRETEC-409 Principles of Fire and Emergency Services Safety and Survival**
3.00 UNITS
Basic principles and history related to the national firefighter life safety initiatives, focusing on the need for cultural and behavior change throughout the emergency services.
Materials Fee: $0.00
Grading: Letter grade only
81462 T. Hayward 2:00pm-3:20pm MW BE-105

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**ESL COURSE SEQUENCE**

| ESL-475 | ESL-554 | ESL-556 | ESL-558 |
| ESL-554 Advanced Oral Communication | ESL-556 Advanced Reading | ESL-558 Advanced Writing & Grammar |
| ESL-544 High Intermediate Oral Communication | ESL-546 High Intermediate Reading Skills | ESL-548 High Intermediate Writing & Grammar |
| ESL-548 Intermediate Writing & Grammar | ESL-536 Intermediate Reading Skills | ESL-538 Intermediate Writing & Grammar |
| ESL-538 Intermediate Writing & Grammar | ESL-641 Everyday English | ESL-640 Non-Credit: Literacy Level English |
| ESL-650 English and Citizenship | ESL-508 Pronunciation of American English | ESL-640 Non-Credit: Everyday English |
| ESL-506 Computer-Based Skills | ESL-534 Intermediate Oral Communication | ESL-508 Pronunciation of American English |
| ESL-506 Computer-Based Skills | ESL-506 Computer-Based Skills | ESL-506 Computer-Based Skills |

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

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

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

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### Geography (GEOG)

909/652-6404

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

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<td>9:30am-10:50am</td>
<td>MW PS-102</td>
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**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.
Materials Fee: $3.00  Transfer: CSU; UC  Grading: Letter grade only

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

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

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**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: $3.00  Transfer: CSU; UC  Grading: Letter grade only

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### Geology (GEOL)

909/652-6403

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

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**GEOL-2** Historical Geology **4.00 UNITS**
Advisory: Completion of GEOL-1.
Materials Fee: $4.00  Transfer: CSU; UC  Grading: Letter grade only

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### Gerontology (GERO)

909/652-6675

**GERO-11** Introduction to Gerontology **3.00 UNITS**
Interdisciplinary study of aging, aging services, community resources, careers in gerontology, ethical, legal, and policy issues.
Materials Fee: $3.00  Transfer: CSU  Grading: Letter grade only
NOTE: Earns 54 hours of CE credit: RCFE, NHAP, BRN#00426, and BBS #2178.

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<td>80884 C.Bacus</td>
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**GERO-18** Aging and the Life Course **3.00 UNITS**
Social, cultural, economic, gender, ethnic, and policy issues affecting an aging society, viewed from the gerontological perspective.
Materials Fee: $3.00  Transfer: CSU; UC credit limitations  Grading: Letter grade only
NOTE: Earns 54 hours of CE credit: RCFE, NHAP, BRN#00426, and BBS#2178. (section is at Chino)

Visit our website at www.chaffey.edu for application and registration information.
**GERO-22**  **Dying and Death**  **3.00 UNITS**
Study of death from a gerontological perspective, including history, societal practices, cross-cultural influences, biomedical, and the grieving process.
Materials Fee: $3.00
Grading: Letter grade only
NOTE: Earns 54 hours of CE credit: RCFE, NHAP, BRN#00426, and BBS#2178.

80887 C.Bacus
11:00am-2:30pm  TTH  HS-132
03/24/15-05/12/15  Last day to add: 03/26/15
SECT 80887: Fast-Track class; see pages 297-303 for more info.

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

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

**GERO-405**  **Resources and Services for Older Adults**  **2.00 UNITS**
Provides students with skills needed to access community resources and services for older adults.
Materials Fee: $2.00
Grading: Letter grade only
NOTE: Earns 18 hours of CE credit: RCFE, NHAP, BRN#004426, and BBS#2178.

**GERO-406**  **Gerontology Career Practicum**  **1.00 UNITS**
Corequisite: GERO-11 (may be taken previously).
Supervised work experience designed to apply gerontological knowledge in career-related work experience. Placement is arranged through the instructor.
Grading: Letter grade only

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

**GERO-462**  **Activity Coordinator Training**  **4.00 UNITS**
Training for individuals working as activity directors in skilled nursing facilities and other settings.
Materials Fee: $4.00
Grading: Letter grade only
NOTE: Earns 72 hours of CE credit: RCFE, NHAP, BRN#00426, and BBS#2178.

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

08096 S.Yoakum
7:00pm-9:50pm  M  HS-101

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**Guidance (GUID)**

**GUID-2**  **Essentials of Student Success**  **2.00 UNITS**
Designed to increase student proficiency and retention in college. Topics include: learning styles, study and time management techniques, motivation, library research methods, critical thinking, memory and reading strategies, and others.
Materials Fee: $2.00
Grading: Letter grade only
Transfer: CSU

**GUID-3**  **Career Exploration and Life Planning**  **3.00 UNITS**
Career and life planning for students seeking direction in setting life, academic and career goals. Topics include: problem-solving approaches, evaluation of values, interests, skills, and personality characteristics; academic learning strategies; and career investigation.
Materials Fee: $5.50
Grading: Letter grade only
Transfer: CSU

909/652-6479
N  G  R  P  S
RANCHO CUCAMONGA

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**MyChaffeyVIEW**

**HOURS OF OPERATION**

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

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

GUID-650 Supervised Tutoring 0.00 UNITS

Limitation on Enrollment: Referral by course instructor or academic counselor is required. Student must be enrolled in another Chaffey College course. Open-entry/open-exit supervised tutoring course that provides students assistance in understanding college course content. Individualized/small group tutoring and Supplemental Instruction (SI) sessions are conducted outside of class time in a learning assistance center, and are structured to help students achieve specific course objectives or improve learning and study skills in specific subject matter. The content of this course varies according to the course for which tutoring is sought. May be repeated.

Non-credit course

Grading: Ungraded

81748 R.Rundquist Arranged hours Success Centers
01/12/15-05/20/15 Last day to add: 04/07/15

History (HIST)

909/652-6253

HIST-1 World History: Pre-Civilization to 1500 3.00 UNITS
Prerequisite: Eligibility for ENGL-1A as determined by the Chaffey assessment process, or satisfactory completion of ENGL-450, ENGL-475, ESL-450, ESL-475, or READ-550.
Comparative study of the world's major civilizations from pre-history to 1500 in Eurasia, Africa, and the Americas. Similarities and differences between the civilizations and their influence on human history.
Materials Fee: $3.00 Transfer: CSU; UC
Grading: Letter grade only

79555 A.Cruz 7:15am-10:45am MW SS-102
01/12/15-03/09/15 Last day to add: 01/20/15
SECT 79555: Fast-Track class; see pages 297-303 for more info.
79554 A.Cruz 8:00am-9:20am TTH SS-102
79553 L.Reams 9:00am-12:00pm S SS-102
79552 E.Gregory 12:30pm-1:50pm MW SS-102
79556 J.Sampson 6:00pm-9:00pm F SS-102
79551 S.Logan 7:00pm-9:50pm T SS-102

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

HIST-2 World History: 1500 to Present 3.00 UNITS
Prerequisite: Eligibility for ENGL-1A as determined by the Chaffey assessment process, or satisfactory completion of ENGL-450, ENGL-475, ESL-450, ESL-475, or READ-550.
Cross-cultural study of the world's major civilizations since 1500. Understanding the causes of the Rise of the West, the reaction of the non-Western world, and the ongoing dynamic of the 'West versus the Rest' dialectic.
Materials Fee: $3.00 Transfer: CSU; UC
Grading: Letter grade only

79599 J.Sampson 7:15am-10:45am MW SS-103
01/12/15-03/09/15 Last day to add: 01/20/15
SECT 79599: Fast-Track class; see pages 297-303 for more info.
79600 A.Cruz 7:15am-10:45am MW SS-102
03/23/15-05/13/15 Last day to add: 03/26/15
SECT 79600: Fast-Track class; see pages 297-303 for more info.
79601 A.Cruz 9:30am-10:50am TTH SS-102
79598 D.Loomis 11:00am-12:20pm MW SS-113
79596 E.Gregory 2:00pm-3:20pm MW SS-113
79597 STAFF 2:00pm-3:20pm TTH WH-102
79595 D.Okonyan 3:30pm-4:50pm TTH SS-102

(see more sections are online, and 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: $3.00 Transfer: CSU; UC
Grading: Letter grade only

(section is at Chino)

HIST-7 History of the Middle East 3.00 UNITS
Prerequisite: Eligibility for ENGL-1A as determined by the Chaffey assessment process, or satisfactory completion of ENGL-450, ENGL-475, ESL-450, ESL-475, or READ-550.
Survey of the history of the Middle East from earliest times to the present, focusing on the period from the birth of the Prophet Mohammad in 570 and the Treaty of Versailles in 1920.
Materials Fee: $3.00 Transfer: CSU; UC
Grading: Letter grade only

(section is at Chino)

HIST-10 History of Asian Civilizations II 3.00 UNITS
Cultural development of Asian peoples and nations from the 1500's to the present.
Materials Fee: $3.00 Transfer: CSU; UC
Grading: Letter grade only

79559 J.Sampson 7:15am-10:45am MW SS-103
03/24/15-05/12/15 Last day to add: 03/26/15
SECT 79559: Fast-Track class; see pages 297-303 for more info.

HIST-16 Westward Movement and the Indian Wars 3.00 UNITS of 1840-1890
Survey of the westward movement of the American frontier and the Indian Wars of 1840-90. Studied from the perspectives of Native Americans, other ethnic groups, as well as Anglo-Americans.
Materials Fee: $3.00 Transfer: CSU; UC
Grading: Letter grade only

79560 T.Long 7:00pm-9:50pm W SS-113

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, Ontario High School, and Hybrid/Online sections.
### HIST-17 United States History Through 1877 3.00 UNITS

Prerequisite: Eligibility for ENGL-1A as determined by the Chaffey assessment process, or satisfactory completion of ENGL-450, ENGL-475, ESL-450, ESL-475, or READ-550.

Survey of United States history from its colonial foundations through Reconstruction. Satisfies the CSU requirement in American history.

Materials Fee: $3.00  Transfer: CSU; UC

Grading: Letter grade only

<table>
<thead>
<tr>
<th>SECTION #</th>
<th>INSTRUCTOR</th>
<th>HOURS</th>
<th>DAYS</th>
<th>ROOM</th>
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<tr>
<td>79568</td>
<td>STAFF</td>
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<td>79571</td>
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<td>8:00am-9:20pm</td>
<td>TTH</td>
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<tr>
<td>79566</td>
<td>B.Fussell</td>
<td>9:00am-12:00pm</td>
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<td>SS-113</td>
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<tr>
<td>79569</td>
<td>STAFF</td>
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<tr>
<td>79567</td>
<td>S.Bailey</td>
<td>11:00am-1:50pm</td>
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<tr>
<td>79570</td>
<td>A.Perry</td>
<td>7:00pm-10:30pm</td>
<td>TTH</td>
<td>SS-113</td>
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</table>

01/13/15-03/03/15  Last day to add: 01/20/15

SECT 79570: Fast-Track class; see pages 297-303 for more info.

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

### HIST-18 United States History From 1865 3.00 UNITS

Prerequisite: Eligibility for ENGL-1A as determined by the Chaffey assessment process, or satisfactory completion of ENGL-450, ENGL-475, ESL-450, ESL-475, or READ-550.

Development of the United States from the Reconstruction Era through the present. Satisfies the CSU requirement in American history.

Materials Fee: $3.00  Transfer: CSU; UC

Grading: Letter grade only

<table>
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<tr>
<th>SECTION #</th>
<th>INSTRUCTOR</th>
<th>HOURS</th>
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<th>ROOM</th>
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<tr>
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<td>79579</td>
<td>V.Nobile</td>
<td>9:30am-10:50am</td>
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<td>79582</td>
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<td>11:00am-12:20pm</td>
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<tr>
<td>79585</td>
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<tr>
<td>79584</td>
<td>T.Russell</td>
<td>12:30pm-1:50pm</td>
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<tr>
<td>79588</td>
<td>C.Leigh</td>
<td>1:00pm-4:00pm</td>
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<tr>
<td>79587</td>
<td>C.Leigh</td>
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<tr>
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<td>S.Bailey</td>
<td>7:00pm-10:30pm</td>
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</table>

01/13/15-03/03/15  Last day to add: 01/20/15

SECT 79583: Fast-Track class; see pages 297-303 for more info.

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

### HIST-19 History of Ethnic Relations in the United States 3.00 UNITS

Survey of the American experience of ethnic, gender and racial relations, as well as an introduction to fundamental theories of racism and ethnocentrism. Emphasis is given to Native, African, Hispanic, and Asian-American cultural experiences. (C-ID SOCI 150)

Materials Fee: $3.00  Transfer: CSU

Grading: Letter grade only

<table>
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<tr>
<th>SECTION #</th>
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<th>HOURS</th>
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<tr>
<td>79561</td>
<td>A.Cruz</td>
<td>12:30pm-1:50pm</td>
<td>TTH</td>
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</table>

### HIST-20 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: $3.00  Transfer: CSU; UC

Grading: Letter grade only

(section is at Chino)

### SCHOLARSHIPS!

**SPONSORED BY THE ASSOCIATED STUDENT OF CHAFFEY COLLEGE**

$ AWARDED EVERY SPRING

$ STUDENT REQUIREMENTS

- be enrolled in the Spring 2015 semester
- paid the College Services Fee for Spring 2015 semester
- meet the individual scholarship eligibility requirements

$ JUDGED BY A PANEL OF FOURTEEN CHAFFEY COLLEGE FACULTY MEMBERS

Sponsored by: Associated Students of Chaffey College

More information will be available in January 2015 in the Student Activities Office on the Rancho Cucamonga campus at 652-6589 or 6591 or on the website at http://www.chaffey.edu/stuactiv/scholarship.shtml

### 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: $3.00  Transfer: CSU; UC

Grading: Letter grade only

<table>
<thead>
<tr>
<th>SECTION #</th>
<th>INSTRUCTOR</th>
<th>HOURS</th>
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<tr>
<td>79605</td>
<td>A.Cruz</td>
<td>2:00pm-3:20pm</td>
<td>TTH</td>
<td>SS-113</td>
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</table>

### HIST-37 California History 3.00 UNITS

Prerequisite: Eligibility for ENGL-1A as determined by the Chaffey assessment process, or completion of ENGL-450 or 475, or ESL-450 or 475.

Survey of the history of California from pre-Columbian times to the present.

Materials Fee: $0.00  Transfer: CSU

Grading: Letter grade only

<table>
<thead>
<tr>
<th>SECTION #</th>
<th>INSTRUCTOR</th>
<th>HOURS</th>
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<th>ROOM</th>
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<tr>
<td>79607</td>
<td>D.Loomis</td>
<td>9:30am-10:50am</td>
<td>TTH</td>
<td>WH-112</td>
</tr>
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</table>

### 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.

Additional sections of some classes may be available; check the Chino, Fontana, Ontario High School, and Hybrid/Online sections.
<table>
<thead>
<tr>
<th>SECTION #</th>
<th>INSTRUCTOR</th>
<th>HOURS</th>
<th>DAYS</th>
<th>ROOM</th>
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<tbody>
<tr>
<td>HIST-51</td>
<td>African-American History II</td>
<td>3.00 UNITS</td>
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<tr>
<td></td>
<td>African-American experience from emancipation to the present. Focus on legal and extra-legal racial and gender discrimination in rural and urban settings after emancipation; migrations to northern industries and western lands; and black contributions to United States polity and economy.</td>
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<tr>
<td></td>
<td>Materials Fee: $3.00</td>
<td>Transfer: CSU; UC</td>
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<td>Grading: Letter grade only</td>
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<tr>
<td></td>
<td>79608 A.Perry</td>
<td>2:00pm-3:20pm</td>
<td>TTH</td>
<td>WH-112</td>
</tr>
<tr>
<td>HIST-71</td>
<td>Chicanos: the Chicano Minority in the United States</td>
<td>3.00 UNITS</td>
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<tr>
<td></td>
<td>Historical development of a Mexican-American community and the emergence of a Chicano cultural identity. Social, cultural, political and economic issues and conflicts affecting the Chicano minority from the nineteenth century to the present.</td>
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<tr>
<td></td>
<td>Materials Fee: $3.00</td>
<td>Transfer: CSU; UC</td>
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<td>Grading: Letter grade only</td>
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<tr>
<td></td>
<td>79611 A.Cruz</td>
<td>11:00am-12:20pm</td>
<td>MW</td>
<td>SS-102</td>
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**Hospitality Management (HOTFS)**

(See Chino Section) 909/652-8010

**Humanities (HUMAN)**

909/652-6253

<table>
<thead>
<tr>
<th>HUMAN-5</th>
<th>Arts and Ideas: Antiquity to Renaissance</th>
<th>3.00 UNITS</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Prerequisite: Eligibility for ENGL-1A as determined by the Chaffey assessment process, or completion of ENGL-475 or ESL-475. An interdisciplinary study of the movements in art, music, literature, and philosophy from Ancient Western Civilization to the 1500s within a cultural and historical perspective.</td>
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<tr>
<td></td>
<td>Materials Fee: $3.00</td>
<td>Transfer: CSU; UC</td>
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<td>Grading: Letter grade only</td>
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</tr>
<tr>
<td></td>
<td>79613 D.Loomis</td>
<td>9:30am-10:50am</td>
<td>MW</td>
<td>SS-113</td>
</tr>
<tr>
<td></td>
<td>79614 N.Bennett</td>
<td>9:30am-10:50am</td>
<td>TTH</td>
<td>SS-113</td>
</tr>
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<td>(another section is at Fontana)</td>
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<table>
<thead>
<tr>
<th>HUMAN-6</th>
<th>Arts and Ideas: Renaissance to Modern</th>
<th>3.00 UNITS</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Prerequisite: Eligibility for ENGL-1A as determined by the Chaffey assessment process, or completion of ENGL-475 or ESL-475. An interdisciplinary study of the movements in art, music, literature, and philosophy from 1500s Western Civilization to the modern era within a cultural and historical perspective.</td>
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<tr>
<td></td>
<td>Materials Fee: $3.00</td>
<td>Transfer: CSU; UC</td>
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<td>Grading: Letter grade only</td>
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<tr>
<td></td>
<td>79615 M.Bobo</td>
<td>12:30pm-1:50pm</td>
<td>MW</td>
<td>SS-113</td>
</tr>
</tbody>
</table>

**Industrial Electrical Technologies (IET)**

(See Chino Section) 909/652-7657

**Interior Design (ID)**

(See Chino Section) 909/652-8010

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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.

Above programs funded by the Chaffey College Service Fee.

Additional sections of some classes may be available; check the Chino, Fontana, Ontario High School, and Hybrid/Online sections.
<table>
<thead>
<tr>
<th>SECTION #</th>
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<th>HOURS</th>
<th>DAYS</th>
<th>ROOM</th>
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<tbody>
<tr>
<td>909/652</td>
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</tbody>
</table>

**Kinesiology: Activity (KINACT)**

**KINACT-1  Beginning Tennis** 1.00 UNITS
Emphasis on court etiquette, history, and fundamental skills for tennis including singles and doubles play, so that students may participate in a lifetime activity. Fundamental instruction includes serving, forehand, backhand, volley shots, and game strategy.
Materials Fee: $1.00  Transfer: CSU; UC credit limitations
Grading: Letter grade only
82467 STAFF  11:00am-12:20pm  TTH  G-TEN/CRT

**KINACT-2  Advanced Tennis** 1.00 UNITS
Course emphasizes the rules, court etiquette, history, and advanced skills of tennis.
Materials Fee: $1.00  Transfer: CSU; UC credit limitations
Grading: Letter grade only
82468 STAFF  11:00am-12:20pm  TTH  G-TEN/CRT

**KINACT-9  Swimming** 1.00 UNITS
Basic skills and safety precautions for swimming. Several different strokes are taught according to skill levels.
Materials Fee: $1.00  Transfer: CSU; UC credit limitations
Grading: Letter grade only
81675 M.Dickson  9:30am-10:50am  TTH  G-POOL

**KINACT-16  Volleyball** 1.00 UNITS
Course emphasizes rules, strategy, and basic volleyball skill development such as setting, digging, serving, spiking and team strategies.
Materials Fee: $1.00  Transfer: CSU; UC credit limitations
Grading: Letter grade only
82457 L.Chowen  12:30pm-1:50pm  TTH  G-GYM

**KINACT-17  Advanced Volleyball** 1.00 UNITS
*Advisory: Previous volleyball experience is recommended.*
Advanced volleyball skills with emphasis on strategy, skills, and complex offensive and defensive schemes.
Materials Fee: $1.00  Transfer: CSU; UC credit limitations
Grading: Letter grade only
82458 L.Chowen  12:30pm-1:50pm  TTH  G-GYM

**KINACT-20  Basketball** 1.00 UNITS
Rules, court etiquette, basic offensive and defensive positions, and basic passing and dribbling techniques of basketball.
Materials Fee: $1.00  Transfer: CSU; UC credit limitations
Grading: Letter grade only
81649 STAFF  11:00am-12:20pm  MW  G-GYM

**KINACT-22  Soccer** 1.00 UNITS
Introduction to the game of soccer with emphasis on information and practice in the skills of kicking, trapping, shooting, passing, rules, and basic tactics. Class is suitable for both beginners and students who have played soccer.
Materials Fee: $1.00  Transfer: CSU; UC credit limitations
Grading: Letter grade only
82459 G.Cooper  9:30am-10:50am  MW  G-SC/FIELD

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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.

Additional sections of some classes may be available; check the Chino, Fontana, Ontario High School, and Hybrid/Online sections.
KINACT-29A  Beginning Body Conditioning  1.00 UNITS
Basic exercises for the development of major muscle groups, with emphasis on muscular strength, endurance and flexibility.
Materials Fee: $1.00  Transfer: CSU
Grading: Letter grade only
81625 R.Hadaway  6:30am-7:50am  MW  G-205
81634 J.Harlow  8:00am-9:20am  MW  G-205
81635 J.Harlow  8:00am-9:20am  TTH  G-205
81663 STAFF  9:30am-10:50am  MW  G-205
81633 J.Harlow  9:30am-10:50am  TTH  G-205
81664 STAFF  11:00am-12:20pm  MW  G-205
SECT 81664: This class is targeted to DPS students
81667 STAFF  11:00am-12:20pm  TTH  G-205
SECT 81667: This class is targeted to DPS students
81665 STAFF  12:30pm-1:50pm  MW  G-205
81668 STAFF  5:30pm-6:50pm  TTH  G-205
81666 STAFF  7:00pm-8:45pm  MTWTH  G-205
01/12/15-03/05/15  Last day to add: 01/20/15
SECT 81666: Fast-Track class; see pages 297-303 for more info.
03/23/15-05/15/15  Last day to add: 03/26/15
SECT 81669: Fast-Track class; see pages 297-303 for more info.

KINACT-29B  Intermediate Body Conditioning  1.00 UNITS
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.
Materials Fee: $0.00  Transfer: CSU
Grading: Letter grade only
81645 P.Roberts  9:30am-10:50am  MW  G-111
81644 P.Roberts  11:00am-12:20pm  TTH  G-111
81671 STAFF  12:30pm-1:50pm  TTH  G-205
81670 STAFF  5:30pm-6:50pm  MW  G-205

KINACT-29C  Advanced Body Conditioning  1.00 UNITS
Prerequisite: KINACT-29B or PEACT-29A.
Advanced exercises for the development of the major muscle groups with emphasis on muscular strength, endurance, flexibility, plyometrics and Olympic strength training.
Materials Fee: $0.00  Transfer: CSU
Grading: Letter grade only
82476 P.Roberts  9:30am-10:50am  MW  G-111

KINACT-31  Introduction to Self-Defense and Personal Safety  1.00 UNITS
Beginning and foundation course in personal safety. Basic martial arts techniques for self-defense, covering safety and defense in a technical and practical framework.
Materials Fee: $1.00  Transfer: CSU; UC credit limitations
Grading: Letter grade only
81672 STAFF  9:30am-10:50am  TTH  G-GYM

KINACT-35  Cardio Fitness for Life  1.00 UNITS
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.
Materials Fee: $1.00  Transfer: CSU; UC credit limitations
Grading: Letter grade only
81674 P.Peoples  11:00am-12:20pm  TTH  G-TRACK
(another section is at Chino)

Kinesiology: Lecture (KINLEC)  909/652-6290
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: $3.00  Transfer: CSU; UC
Grading: Letter grade only
81691 E.Levanway  8:00am-9:15am  TTH  G-134
01/12/15-05/20/15  Last day to add: 01/20/15
and
27 hrs/term arranged

KINLEC-15  Diet and Fitness  3.00 UNITS
A lifestyle approach to fitness, including the study of nutrition, disease prevention, increased cardiovascular endurance, increased strength, flexibility, stress management, and considerations of aging on the body.
Materials Fee: $3.00  Transfer: CSU
Grading: Letter grade only
81615 R.Baiz  8:00am-9:20am  MW  MOD-3
81617 R.Baiz  8:00am-9:20am  TTH  MOD-3
81682 STAFF  9:00am-11:50am  S  G-134
81632 J.Harlow  9:30am-10:50am  MW  MOD-3
81678 STAFF  9:30am-10:50am  TTH  G-134
81616 R.Baiz  11:00am-12:20pm  MW  G-134
81680 STAFF  11:00am-12:20pm  TTH  G-134
81679 STAFF  12:30pm-1:50pm  MW  G-133
81677 STAFF  7:00pm-10:30pm  TTH  G-134
01/13/15-03/03/15  Last day to add: 01/20/15
SECT 81677: Fast-Track class; see pages 297-303 for more info.
81681 H.Spohn  7:00pm-9:50pm  W  G-134
(more sections are online, and at Chino and Fontana)

KINLEC-16  First Aid  3.00 UNITS
Theory and detailed demonstration of first aid care of the injured. Students learn to assess a victim’s condition and incorporate proper treatment. Standard first aid, CPR, and AED certification(s) are granted upon successful completion of requirements.
Materials Fee: $3.00  Transfer: CSU; UC
Grading: Letter grade only
81628 R.Hadaway  8:00am-9:20am  TTH  G-35
SECT 81628: An optional fee is charged to students who wish to take the Red Cross certification exam(s).
81624 R.Hadaway  9:30am-10:50am  MW  G-133/134
SECT 81624: An optional fee is charged to students who wish to take the Red Cross certification exam(s).
81631 J.Harlow  11:00am-12:20pm  MW  G-135
SECT 81631: An optional fee is charged to students who wish to take the Red Cross certification exam(s).
(more sections are at Chino and Fontana)

Additional sections of some classes may be available; check the Chino, Fontana, Ontario High School, and Hybrid/Online sections.
<table>
<thead>
<tr>
<th>SECTION #</th>
<th>INSTRUCTOR</th>
<th>HOURS</th>
<th>DAYS</th>
<th>ROOM</th>
</tr>
</thead>
<tbody>
<tr>
<td>KINLEC-17</td>
<td></td>
<td>3.00</td>
<td></td>
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<tr>
<td>Community Disasters</td>
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<tr>
<td>Advisory: Students should be able to work in confined spaces and in different positions (e.g. on the ground or the floor).</td>
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<tr>
<td>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.</td>
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<td>Materials Fee: $3.00</td>
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<tr>
<td>Transfer: CSU; UC</td>
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<td>Grading: Letter grade only</td>
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<tr>
<td>81685 C.Walters 9:30am-10:50am TTH G-135</td>
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<tr>
<td>SECTION 81685: An optional fee is charged to students who wish to take the Red Cross certification exam(s).</td>
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<td>(another section is at Fontana)</td>
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</table>

| KINLEC-18 | Introduction to Kinesiology | 3.00 | |
| Introduction to an interdisciplinary approach to the study of human movement. |
| An overview of the importance of the sub-disciplines in kinesiology is discussed, along with career opportunities in the areas of teaching, coaching, allied health, and fitness professions. |
| Materials Fee: $3.00 |
| Transfer: CSU; UC |
| Grading: Letter grade only |
| 81646 P.Roberts 11:00am-12:20pm MW G-133 |
| 81688 B Spalding 7:00pm-9:50pm M G-133 |
| 81617 STAFF 7:00pm-10:30pm TTH G-134 |
| 03/24/15-05/12/15 Last day to add: 03/26/15 |
| SECTION 81687: Fast-Track class; see pages 297-303 for more info. |
| (more sections are online and at Fontana) |

| KINLEC-19 | Practical Applications in Athletic Training I | 2.00 |
| Prerequisite: KINLEC-2 or PELEC-2. |
| Course provides first semester students with the opportunity to observe and learn the basic principles and protocols of athletic training during day-to-day sports activities in a supervised lab setting. Emphasis on prevention, care, evaluation, treatment and rehabilitation for the lower extremities. Helps prepare students for transfer to a Commission on Accreditation of Athletic Training Education (CAATE) accredited athletic training program. |
| Materials Fee: $0.00 |
| Transfer: CSU |
| Grading: Letter grade only |
| 82469 E.Levanway 9:00am-10:00am F G-135 |
| and 72-81 hours/term arranged |
| 01/12/15-05/20/15 Last day to add: 01/20/15 |
| SECTION 82469: Classroom meetings every other Friday: 01/16, 01/30, 02/02, 03/06, 03/27, 04/10, 04/24, and 05/08. |

| KINLEC-20 | Practical Applications in Athletic Training II | 2.00 |
| Prerequisite: KINLEC-19 or PELEC-19. |
| Course provides second semester students with the opportunity to observe and learn the basic principles and protocols of athletic training during day-to-day sports activities in a supervised lab setting. Emphasis on prevention, care, evaluation, treatment, and rehabilitation for the upper and lower extremities. Helps prepare students for transfer to a Commission on Accreditation of Athletic Training Education (CAATE) accredited athletic training program. |
| Materials Fee: $0.00 |
| Transfer: CSU |
| Grading: Letter grade only |
| 82470 E.Levanway 9:00am-10:00am F G-135 |
| and 72-81 hours/term arranged |
| 01/12/15-05/20/15 Last day to add: 01/20/15 |
| SECTION 82470: Classroom meetings every other Friday: 01/16, 01/30, 02/02, 03/06, 03/27, 04/10, 04/24, and 05/08. |

| KINLEC-21 | Practical Applications in Athletic Training III | 2.50 |
| Prerequisite: KINLEC-21 or PELEC-21. |
| Course provides third semester student with the opportunity to observe and learn the advanced principles and protocols of athletic training during day-to-day sports activities in a supervised lab setting. Emphasis on prevention, care, evaluation, treatment, and rehabilitation for the upper and lower extremities. Helps prepare students for transfer to a Commission on Accreditation of Athletic Training Education (CAATE) accredited athletic training program. |
| Materials Fee: $0.00 |
| Transfer: CSU |
| Grading: Letter grade only |
| 82471 E.Levanway 9:00am-10:00am F G-135 |
| and 97-108 hours/term arranged |
| 01/12/15-05/20/15 Last day to add: 01/20/15 |
| SECTION 82469: Classroom meetings every other Friday: 01/16, 01/30, 02/02, 03/06, 03/27, 04/10, 04/24, and 05/08. |

| KINLEC-22 | Practical Applications in Athletic Training IV | 2.00 |
| 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 |
| Grading: Letter grade only |
| 81693 D.Bednarczyk 8:00am-9:20am MW G-135 |

| KINLEC-23 | Outdoor Adventure(s) | 2.00 |
| 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: $2.00 |
| Transfer: CSU |
| Grading: Letter grade only |
| 81629 R.Hadaway 2:00pm-4:35pm M G-135 |
| and Field trip(s) OTHR |
| 01/12/15-03/09/15 Last day to add: 01/18/15 |
| SECTION 81629: A three-day field trip to the Sierras scheduled for March 6-8 or weekend trips to local mountains are a required part of this class. |
| There are fees for the field trip. |
| 81630 R.Hadaway 2:00pm-4:35pm M G-135 |
| and Field trip(s) OTHR |
| 03/23/15-05/04/15 Last day to add: 03/29/15 |
| SECTION 81630: A three-day field trip to the Sierras scheduled for May 1-3 or weekend trips to local mountains are a required part of this class. |
| There are fees for the field trip. |

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### CREDIT CARD USERS
(Visa and MasterCard)

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

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Additional sections of some classes may be available; check the Chino, Fontana, Ontario High School, and Hybrid/Online sections.
**Kinesiology: Team (KINTM)**

<table>
<thead>
<tr>
<th>SECTION #</th>
<th>INSTRUCTOR</th>
<th>HOURS</th>
<th>DAYS</th>
<th>ROOM</th>
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</thead>
<tbody>
<tr>
<td><strong>KINTM-1A</strong> Football Team Activity 0.50 UNITS</td>
<td>909/652-6290</td>
<td>Limitation on Enrollment: Enrollment is based on a successful tryout. Advisory: Competitive football background is recommended. Information and practice in the development of football basic skills and techniques. Instructor consent required for enrollment. May be taken 4 times. Materials Fee: $0.00</td>
<td>Transfer: CSU</td>
<td>Grading: Letter grade only</td>
</tr>
<tr>
<td>81709 STAFF</td>
<td>4:15pm-6:00pm</td>
<td>TTH</td>
<td>G-UF/FIELD</td>
<td>Last day to add: 03/30/15</td>
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<tr>
<td>03/24/15-05/07/15</td>
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<tr>
<td>81710 STAFF</td>
<td>4:15pm-6:00pm</td>
<td>TTH</td>
<td>G-UF/FIELD</td>
<td>Last day to add: 03/30/15</td>
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<tr>
<td>03/24/15-05/07/15</td>
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</table>

| **KINTM-2** Volleyball Team Activity, Women 1.00 UNITS | | Limitation on Enrollment: Enrollment is based on a successful tryout. Designed for women interested in learning competitive volleyball and joining the women’s intercollegiate team. Instructor consent required for enrollment. May be taken 4 times. Materials Fee: $0.00 | Transfer: CSU | Grading: Letter grade only |
| 81701 L.Chowen | 3:30pm-4:50pm | TTH | G-GYM | |

| **KINTM-3** Basketball Team Activity, Women 1.00 UNITS | | 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: $0.00 | Transfer: CSU | Grading: Letter grade only |
| 81698 STAFF | 1:00pm-3:00pm | MTWTH | SPRT-GYM | Last day to add: 03/29/15 |
| 03/23/15-05/04/15 | | | |

| **KINTM-5** Water Polo Team Activity, Men 1.00 UNITS | | Limitation on Enrollment: Enrollment is based on a successful tryout. Rules, etiquette, history, and advanced skills of water polo. Course is designed for the prospective water polo intercollegiate team participant. Instructor consent required for enrollment. May be taken 4 times. Materials Fee: $0.00 | Transfer: CSU | Grading: Letter grade only |
| 81702 B.Spalding | 7:00pm-8:30pm | TTH | G-POOL | Last day to add: 02/02/15 |
| 01/13/15-05/07/15 | | | |

| **KINTM-6** Basketball Team Activity, Men 1.00 UNITS | | 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: $0.00 | Transfer: CSU | Grading: Letter grade only |
| 81700 J.Klein | 3:00pm-5:00pm | MTWTH | SPRT-GYM | Last day to add: 03/29/15 |
| 03/23/15-05/04/15 | | | |

| **KINTM-9** Water Polo Team Activity, Women 1.00 UNITS | | Limitation on Enrollment: Enrollment is based on a successful tryout. Rules, etiquette, history, and advanced skills for competitive water polo play. Designed for prospective women’s water polo team participants. Instructor consent required for enrollment. May be taken 4 times. Materials Fee: $0.00 | Transfer: CSU | UC credit limitations | Grading: Letter grade only |
| 81707 J.Moon-Spalding | 7:00pm-8:35pm | MW | G-POOL | 01/12/15-05/13/15 | Last day to add: 02/01/15 |

| **KINTM-14** Soccer Team Activity, Men 1.00 UNITS | | Limitation on Enrollment: Enrollment is based on a successful tryout. Advisory: Competitive soccer background is recommended. Information and practice to develop basic soccer skills, techniques, and strategies. Designed for men interested in playing competitive soccer at the college level. Instructor consent required for enrollment. May be taken 4 times. Materials Fee: $0.00 | Transfer: CSU | UC credit limitations | Grading: Letter grade only |
| 81703 B.Cooper | 3:00pm-5:50pm | T | G-SC/FIELD | |

| **KINTM-15** Soccer Team Activity, Women 1.00 UNITS | | Limitation on Enrollment: Enrollment is based on a successful tryout. Information and practice to develop basic soccer skills, techniques, and strategies. Designed for women interested in playing competitive soccer at the college level. Instructor consent required for enrollment. May be taken 4 times. Materials Fee: $0.00 | Transfer: CSU | UC credit limitations | Grading: Letter grade only |
| 81704 G.Cooper | 3:00pm-4:20pm | MW | G-SC/FIELD | |

| **KINTM-19** Intermediate Dance/Cheer Team 1.00 UNITS | | Limitation on Enrollment: Admission is by audition. Advisory: Previous dance training is recommended. Intermediate skills in cheer techniques, motivation, and dance. Course is for students who will represent the college at athletic contests, national dance competitions, and community events. Instructor consent required for enrollment. Materials Fee: $0.00 | Transfer: CSU | UC credit limitations | Grading: Letter grade only |
| 81697 R.Fawcett | 6:30pm-9:30pm | MTH | G-GYM | 01/12/15-03/12/15 | Last day to add: 01/20/15 |

| **KINTM-44** Intercollegiate Softball, 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 softball. Instructor consent required for enrollment. May be taken 4 times. Materials Fee: $0.00 | Transfer: CSU | Grading: Letter grade only |
| 81699 J.Rodriguez | 175 hours/term arranged | | G-S/FIELD | 01/15/15-05/17/15 | Last day to add: 02/02/15 |
| | | | SECT 81699: See instructor during first week of term for meeting times; first class meeting is on the softball field. | | | |
### KINTM-47 Intercollegiate Baseball 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 baseball. Instructor consent required for enrollment. May be taken 4 times.
Materials Fee: $0.00  
Transfer: CSU  
Grading: Letter grade only

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<tr>
<th>SECTION #</th>
<th>INSTRUCTOR</th>
<th>HOURS</th>
<th>DAYS</th>
<th>ROOM</th>
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</thead>
<tbody>
<tr>
<td>81636</td>
<td>J.Harlow</td>
<td>175 hours/term arranged</td>
<td>G-BB/FIELD</td>
<td>01/15-05/25/15</td>
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<td>81636: See instructor during first week of term for meeting times; first class meeting is on the baseball field.</td>
</tr>
</tbody>
</table>

### KINTM-51 Intercollegiate Swimming Team, Men and Women 3.00 UNITS
**Limitation on Enrollment:** Enrollment is restricted to student athletes who meet both skill and eligibility requirements.
Opportunity for men and women to compete at the intercollegiate level in swimming. Instructor consent required for enrollment. May be taken 4 times.
Materials Fee: $0.00  
Transfer: CSU  
Grading: Letter grade only

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<th>SECTION #</th>
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<th>HOURS</th>
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<th>ROOM</th>
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<tbody>
<tr>
<td>81694</td>
<td>M.Dickson</td>
<td>175 hours/term arranged</td>
<td>G-POOL</td>
<td>01/15-04/25/15</td>
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<td>81694: This class for male swimmers. See instructor during first week of term for meeting times; first class meeting is at the pool.</td>
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</tbody>
</table>

### KINTM-52 Intercollegiate Track and Field 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 track and field events. Instructor consent required for enrollment. May be taken 4 times.
Materials Fee: $0.00  
Transfer: CSU  
Grading: Letter grade only

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<tbody>
<tr>
<td>82452</td>
<td>B.Ihem</td>
<td>175 hours/term arranged</td>
<td>G-TRACK</td>
<td>01/15-05/16/15</td>
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<td>82452: See instructor during first week of term for meeting times; first class meeting is at the track.</td>
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</table>

### KINTM-53 Intercollegiate Track and Field 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 track and field events. Instructor consent required for enrollment. May be taken 4 times.
Materials Fee: $0.00  
Transfer: CSU  
Grading: Letter grade only

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<tbody>
<tr>
<td>82451</td>
<td>B.Ihem</td>
<td>175 hours/term arranged</td>
<td>G-TRACK</td>
<td>01/15-05/16/15</td>
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<td>82451: See instructor during first week of term for meeting times; first class meeting is at the track.</td>
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**ATTENTION GRADUATING STUDENTS**

**FEBRUARY 27 IS THE DEADLINE TO APPLY FOR GRADUATION DEGREES AND CERTIFICATES IF YOU WANT TO PARTICIPATE IN THE COMMENCEMENT CEREMONY ON MAY 21, 2015.**
### KINTM-64  Softball Strength and Conditioning for 1.00 UNITS
Athletes

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. May be taken four times.

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

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<tbody>
<tr>
<td>81643</td>
<td>P. Roberts</td>
<td>12:30pm-1:50pm</td>
<td>TTH</td>
<td>G-111</td>
</tr>
</tbody>
</table>

### KINTM-65  Water Polo Strength and Conditioning for 1.00 UNITS
Athletes

Limitation on Enrollment: Concurrent or previous enrollment in any Water Polo KINTM course.

Advanced sport-specific drills and exercises for water polo athletes. Exercises are prescribed by the instructor and are tailored to the physical demands of the sport and individuals’ capabilities. May be taken four times.

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

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<tbody>
<tr>
<td>82477</td>
<td>P. Roberts</td>
<td>9:00am-10:30am</td>
<td>TTH</td>
<td>G-111</td>
</tr>
</tbody>
</table>

### KINTM-65A  Water Polo Strength and Conditioning for 0.50 UNITS
Athletes

Limitation on Enrollment: Concurrent or previous enrollment in any Water Polo KINTM course.

Advanced sport-specific drills and exercises for water polo athletes. Exercises are prescribed by the instructor and are tailored to the physical demands of the sport and individuals’ capabilities. May be taken four times.

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

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<th>HOURS</th>
<th>DAYS</th>
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</thead>
<tbody>
<tr>
<td>81637</td>
<td>B.Ihem</td>
<td>4:30pm-5:40pm</td>
<td>MWTH</td>
<td>G-111</td>
</tr>
</tbody>
</table>

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

Limitation on Enrollment: Concurrent or previous enrollment in any Baseball KINTM course.

Advanced sport-specific drills and exercises for baseball athletes. Exercises are prescribed by the instructor and are tailored to the physical demands of the sport and individuals’ capabilities. May be taken four times.

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

Management (MGMT)

(See Business: Management)

### Student Success Centers

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

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

**Locations, phone numbers, and hours are:**

#### Language Success Center, BEB-101

- **English: Reading and Writing**  
  909/652-6820  
  Rob Rundquist, Instructional Specialist

- **ESL & Modern Languages**  
  909/652-6907  
  Greg Creel, Instructional Specialist

- **Math Success Center, MATH-121**  
  909/652-6452  
  Garrett Kenehan, Instructional Specialist

- **Multidisciplinary Success Center, Library**  
  909/652-6932

  - **Monday-Thursday**  
    8am-8pm  
  - **Friday**  
    10am-2pm  
  - **Sunday**  
    10am-3pm
## Mathematics (MATH)

(Also see Statistics) 909/652-6403

<table>
<thead>
<tr>
<th>SECTION #</th>
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</tr>
</thead>
<tbody>
<tr>
<td>MATH-3</td>
<td>Discrete Mathematics</td>
<td>3.00 UNITS</td>
<td>Fundamental topics for computer science including logic, proof techniques, set theory, an introduction to computer programming, basic counting rules, relations, functions and recursion, graphs, and probability trees. Materials Fee: $0.00 Transfer: CSU</td>
<td>Grading: Letter grade only</td>
</tr>
<tr>
<td>83032</td>
<td>D. Yegge</td>
<td>10:00am-11:20am</td>
<td>TTH</td>
<td>VSS-201</td>
</tr>
</tbody>
</table>

**MATH-4 Mathematical Concepts for Elementary School Teachers**

Prerequisite: Eligibility for MATH-25 as determined by the Chaffey assessment process, or completion of MATH-425. Mathematical concepts targeted to students preparing to teach elementary school math. Topics include real number systems and sub-systems, patterns and sequences, basic set theory, logic, and mathematical induction. Materials Fee: $4.00 Transfer: CSU; UC | Grading: Letter grade only |
| 82252     | M. Wardak  | 10:00am-11:50am | TTH | PS-123 |

**MATH-25 College Algebra**

Prerequisite: Eligibility for MATH-25 as determined by the Chaffey assessment process, or completion of MATH-425. Topics include solutions to higher degree polynomial equations: functions, polynomial, rational, inverse, etc. Materials Fee: $4.00 Transfer: CSU; UC credit limitations | Grading: Letter grade only |
| 82263     | E. Enright | 7:30am-9:45am | MTWTH | PS-104 |

<table>
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<tr>
<td>SECT 82263: Fast-Track class; see pages 297-303 for more info.</td>
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<tr>
<td>82265</td>
<td>E. Enright</td>
<td>7:30am-9:45am</td>
<td>MTWTH</td>
<td>PS-104</td>
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<tbody>
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<td>03/23-05/13/15</td>
<td>Last day to add: 03/26/15</td>
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<tr>
<td>SECT 82265: Fast-Track class; see pages 297-303 for more info.</td>
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</tr>
<tr>
<td>82269</td>
<td>R. Elsdon</td>
<td>7:30am-9:20am</td>
<td>MW</td>
<td>PS-123</td>
</tr>
<tr>
<td>82268</td>
<td>D. Valdez</td>
<td>7:30am-9:20am</td>
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<td>82261</td>
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<td>10:00am-12:15pm</td>
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<td>82270</td>
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<td>M. Wardak</td>
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<tr>
<td>82272</td>
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<td>82266</td>
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<td>J. Garland</td>
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<td>C. Lee</td>
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### Mathematics Course Sequence

- **MATH 100**
  - Arithmetic
- **MATH 200**
  - Pre-Algebra
- **MATH 300**
  - Elementary Algebra
- **MATH 400**
  - Intermediate Algebra
- **MATH 500**
  - Discrete Math
- **MATH 600**
  - Calculus I
- **MATH 700**
  - Calculus II
- **MATH 800**
  - Calculus III
- **STAT 10**
  - Elementary Statistics
- **MATH 25**
  - College Algebra
- **MATH 31**
  - Plane Trigonometry
- **MATH 61**
  - Pre-Calculus
- **MATH 65A**
  - Calculus I
- **MATH 65B**
  - Calculus II
- **MATH 75**
  - Calculus III
- **MATH 85**
  - Differential Equations
- **MATH 81**
  - Linear Algebra
- **SCSCI 10**
  - Social Science Statistics

Additional sections of some classes may be available; check the Chino, Fontana, Ontario High School, and Hybrid/Online sections.
MATH-31 Plane Trigonometry
Prerequisite: MATH-25.
Advisory: Completion of 1 year high school geometry.
Topics include trigonometric functions, radian measure, graphs, inverse trigonometric functions, vectors, and more. Students may be required to obtain a graphing utility for the course.
Materials Fee: $4.00
Transfer: CSU; UC
Grading: Letter grade only

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

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

MATH-65A Calculus I
Prerequisite: MATH-61.
Functions; limits and continuity; differentiation of algebraic, trigonometric, logarithmic, and exponential functions with applications; introduction to integration and the definite integral with applications. Students may be required to obtain a graphing utility for the course.
Materials Fee: $4.00
Transfer: CSU; UC
Grading: Letter grade only

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

MATH-81 Linear Algebra
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.
Materials Fee: $4.00
Transfer: CSU; UC
Grading: Letter grade only

MATH-85 Differential Equations
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.
Materials Fee: $4.00
Transfer: CSU; UC
Grading: Letter grade only

MATH-401 Mathematics for Health Science
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

Additional sections of some classes may be available; check the Chino, Fontana, Ontario High School, and Hybrid/Online sections.
<table>
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<tr>
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<tr>
<td>82317</td>
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<td>MW</td>
<td>VSS-201</td>
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<td>M.Khoo</td>
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<tr>
<td>82328</td>
<td>T.Arner</td>
<td>7:00am-9:20am</td>
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<tr>
<td>82327</td>
<td>D.Valdez</td>
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<td>82338</td>
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<td>7:00am-9:20am</td>
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<td>R.Garcia</td>
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<td>J.Zimmer</td>
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<td>82342</td>
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<td>R.Kopp</td>
<td>7:00pm-8:50pm</td>
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<tr>
<td>82344</td>
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<td>82345</td>
<td>T.Kassab</td>
<td>7:00pm-8:50pm</td>
<td>MW</td>
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<td>82346</td>
<td>A.Leontas</td>
<td>10:00am-12:15pm</td>
<td>MW</td>
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**MATH-425 Intermediate Algebra**

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

Review and extension of the concepts from Elementary Algebra. Topics include polynomial, radical, absolute value, exponential and logarithmic expressions, equations, and functions; linear and non-linear systems of equations and inequalities; quadratic equations; graphing of nonlinear functions; complex numbers; nonlinear single-variable inequalities; conic sections; sequences; series; and the Binomial Theorem.

Materials Fee: $4.00

Grading: Letter grade only

82360 | J.August | 7:30am-9:45am | MTWTH | MATH-112 |
82367 | M.Kassab | 7:30am-9:20am | MW     | HS-108   |
82379 | W.Breder | 7:30am-9:20am | MW     | VSS-108  |
ATTENTION MATH-510 AND MATH-520 STUDENTS
There is a $82 fee for the MyMathLab software used in these courses.

MATH-510 Arithmetric 4.00 UNITS
Prerequisite: Eligibility for MATH-510 as determined by the Chaffey assessment process.
Complete study of arithmetic, including whole numbers, fractions, decimals, ratios, proportions, measurement, percents, and signed numbers. Four hours of supplemental learning in a Success Center that supports this course is required.
Materials Fee: $4.00
Grading: Letter grade only

82394 T.Jenkins 7:30am-9:30am MTWTH PS-125
and 9:30am-10:20am MTWTH PS-122
01/12/15-03/05/15 Final day to add: 01/20/15
SECT 82394: Fast-Track class linked with MATH-520, section 82411. See pages 297-303 for more info.

82395 M.Rahman 7:30am-9:15am TTH VSS-202
and 9:15am-10:00am MW VSS-205
82397 M.Ballard 10:00am-11:45am TTH VSS-205
and 11:45am-12:30pm TTH VSS-205
82400 H.Ong 12:00pm-1:45pm MW VSS-204
and 1:45pm-2:30pm MW VSS-205
82399 M.Clayton 12:00pm-1:45pm TTH VSS-204
and 1:45pm-2:30pm MW VSS-205
82402 T.Arner 2:00pm-3:45pm MW VSS-204
and 3:45pm-4:30pm MW VSS-205
82401 M.Wardak 2:00pm-3:45pm TTH VSS-204
and 3:45pm-4:30pm TTH VSS-205
82404 T.Jenkins 4:30pm-6:15pm MW VSS-204
and 6:15pm-7:00pm MW VSS-205
82403 M.Haider 4:30pm-6:15pm TTH VSS-204
and 6:15pm-7:00pm TTH VSS-205
82405 M.Matin 7:00pm-8:45pm MW VSS-204
and 8:45pm-9:30pm MW VSS-205
82398 J.Yoo 7:00pm-8:45pm MW VSS-204
and 8:45pm-9:30pm MW VSS-205
(more sections are at Chino and Fontana)

MATH-520 Pre-Algebra 4.00 UNITS
Prerequisite: Eligibility for MATH-520 as determined by the Chaffey assessment process, or completion of MATH-510.
Rational number arithmetic, order of operations, variable expressions, linear equations, polynomial operations, and factoring.
Materials Fee: $4.00
Grading: Not degree applicable

82411 T.Jenkins 7:30am-9:30am MTWTH PS-125
and 9:30am-10:20am MTWTH PS-122
03/23/15-05/13/15 Final day to add: 03/26/15
SECT 82411: Fast-Track class linked with MATH-510, section 82394. See pages 297-303 for more info.

82412 M.Wardak 7:30am-9:15am TTH VSS-109
and 9:15am-10:00am TTH VSS-102
82415 M.Zurita 10:00am-11:45am MW VSS-125
and 11:45am-12:30pm MW VSS-122
82413 T.Arner 10:00am-11:45am TTH VSS-109
and 11:45am-12:30pm TTH VSS-102
82414 T.Ta 10:00am-11:45am TTH VSS-125
and 11:45am-12:30pm TTH VSS-122

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

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

82423 L.Johnson 2:00pm-4:20pm MTWTH VSS-102
01/15/15-02/05/15 Last day to add: 01/20/15
SECT 82423: There is an online software fee ($40) for this course

82424 L.Johnson 2:00pm-4:20pm MTWTH VSS-102
02/09/15-02/26/15 Last day to add: 02/09/15
SECT 82424: There is an online software fee ($40) for this course

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

82425 STAFF 7:00pm-9:20pm MTWTH VSS-102
01/15/15-02/05/15 Last day to add: 01/20/15
SECT 82425: There is an online software fee ($40) for this course

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.
Music (MUSIC)

**MUSIC-2B  Music History and Literature**  3.00 UNITS
Chronological survey of music in Western culture, from 1750 to the present. Studies the music of the great composers of the Classical, Romantic, and 20th Century eras.
Materials Fee: $3.00  Transfer: CSU; UC
Grading: Letter grade only
79947 B.Bernstein  4:00pm-6:50pm  T  CAE-101

**MUSIC-4  Music Appreciation**  3.00 UNITS
A survey of art music in Western civilization. Topics studied include elements of music, basic musical forms, music periods, styles, and the role of music and musicians in the Western world.
Materials Fee: $3.00  Transfer: CSU; UC
Grading: Letter grade only
79943 P.Aranda  11:00am-12:20pm MW  CAE-102
79944 S.Rudd  3:30pm-4:50pm TTH  CAE-102
(Another section is at Fontana)

**MUSIC-5  Music Theory and Musicianship I**  4.00 UNITS
Advisory: Concurrent enrollment in MUSIC-35.
Guided composition and analysis incorporating the concepts of rhythm and meter; sound properties; intervals; diatonic scales, triads and chords; cadential formulas and phrase structure; dominant seventh; figured bass symbols; and non-harmonic tones. Application of rhythmic, melodic, and harmonic materials through ear training, sight singing, analysis, and dictation.
Materials Fee: $4.00  Transfer: CSU; UC
Grading: Letter grade only
79930 P.Aranda  9:30am-11:20am TTH  CAE-102
79931 N.Williams  5:00pm-6:50pm MW  CAE-101

**MUSIC-6  Music Theory and Musicianship II**  4.00 UNITS
Prerequisite: MUSIC-5.
Advisory: Concurrent enrollment in MUSIC-36.
Introduction to two-part counterpoint; voice leading involving four-part chorale writing; diatonic harmony; and an introduction to secondary/applied chords and modulation. Application and development of the rhythmic, melodic, and harmonic materials through ear training, sight singing, analysis, and dictation.
Materials Fee: $4.00  Transfer: CSU; UC
Grading: Letter grade only
79932 P.Aranda  3:30pm-5:20pm MW  CAE-102

**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.

**NEED HELP WITH THE COST OF TEXTBOOKS?**
Chaffey’s Emergency Book Grant and Textbook Rental programs can assist you. For details about the book grants, please call 909/652-6590 or 6593. For more info about the rental program, please call 909/652-6577.

Textbook vouchers are valid only at Chaffey College bookstores and are not accepted at commercial bookstores or websites.

Above programs funded by the Chaffey College Service Fee.

Additional sections of some classes may be available; check the Chino, Fontana, Ontario High School, and Hybrid/Online sections.
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<tbody>
<tr>
<td>MUSIC-21</td>
<td>History of Jazz</td>
<td>3.00</td>
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<td></td>
<td>Survey of the development of jazz from its origins in the Afro-American society, through the developmental periods of the various metropolitan areas, to the present day eclectic style.</td>
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<td>Transfer: CSU; UC</td>
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<td>79948</td>
<td>P.Aranda</td>
<td>7:00pm-9:50pm</td>
<td>M</td>
<td>CAE-101</td>
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| MUSIC-33  | Concert Ensemble Singers | 1.50 |
|           | Limitation on Enrollment: Audition is required first week of class, to determine student's ability to match pitches, sing in tune, perform simple rhythms, and carry an assigned part independently. Advisory: Previous choral experience is desirable. Study and performance of a wide variety of standard and contemporary literature for mixed choirs, both a cappella and accompanied. Attendance at public performances is required. |
|           | Materials Fee: $0.00 | Transfer: CSU; UC |
|           | Grading: Letter grade only |
| 79936     | M.Hagen-Ching      | 11:30am-12:20pm | MTTH | CAE-101 |

| MUSIC-34  | Concert Choir | 1.50 |
|           | Limitation on Enrollment: Audition is required at the first class meeting to determine student's ability to match pitches, sing in tune, perform simple rhythms, and carry an assigned part independently. Advisory: Previous choral experience is desirable. Study and performance of a wide variety of standard and contemporary literature for mixed choirs, both a cappella and accompanied. Attendance at public performances is required. |
|           | Materials Fee: $0.00 | Transfer: CSU; UC |
|           | Grading: Letter grade only |
| 79939     | M.Hagen-Ching      | 12:30pm-1:20pm | MTTH | CAE-101 |

| MUSIC-35  | Piano for Music Majors I | 1.00 |
|           | Introduction to notation, rhythm, fingering, and the major scales, through the playing of beginning exercises and pieces. |
|           | Materials Fee: $1.00 | Transfer: CSU; UC |
|           | Grading: Letter grade only |
| 79934     | N.Williams         | 7:00pm-8:50pm | M | TA-06|

| MUSIC-36  | Piano for Music Majors II | 1.00 |
|           | Advisory: Completion of MUSIC-35. Continued introduction to notation, rhythm, fingering, major and minor scales, primary chords, and key transposition through the playing of beginning exercises and pieces. |
|           | Materials Fee: $1.00 | Transfer: CSU; UC |
|           | Grading: Letter grade only |
| 79935     | K.Dunton           | 3:00pm-4:50pm | T | TA-06|

| MUSIC-38  | Studio Piano | 1.00 |
|           | Advisory: Completion of MUSIC-51B or audition with instructor consent. Basic contemporary harmony and chording techniques. Performance of popular music in a variety of styles, reading from lead sheets, and construction of song arrangements. Approach to basic improvisation. |
|           | Materials Fee: $1.00 | Transfer: CSU; UC |
|           | Grading: Letter grade only |
| 79936     | K.Dunton           | 5:00pm-6:50pm | T | TA-06|

| MUSIC-40  | Beginning Guitar | 1.00 |
|           | Basic fundamentals of technique for most styles of guitar playing, including right hand technique, chording, melodic playing, and basic music reading. Student must provide own guitar for use in class. |
|           | Materials Fee: $1.00 | Transfer: CSU; UC |
|           | Grading: Letter grade only |
| 79945     | B.Bernstein       | 7:00pm-8:50pm | T | CAE-101 |

| MUSIC-41  | Intermediate Guitar | 1.00 |
|           | Advisory: Completion of MUSIC-40 or the ability to sight-read in the first position. Further exploration of guitar literature and the capabilities of the solo guitar. Student must provide own guitar for use in class. |
|           | Materials Fee: $1.00 | Transfer: CSU; UC |
|           | Grading: Letter grade only |
| 79946     | B.Bernstein       | 2:00pm-3:50pm | T | CAE-101 |

| MUSIC-58  | Applied Music | 0.50 |
|           | Limitation on Enrollment: Audition is required. Corequisite: MUSIC-33, 34, 60, or 62. Individualized study of the appropriate techniques and repertoire for the specific instrument or voice being studied. Emphasis is on the progressive development of skills needed for solo performance. Achievement is evaluated through a juried performance. May be taken four times. |
|           | Materials Fee: $0.00 | Transfer: CSU |
|           | Grading: Letter grade only |
| 79937     | P.Aranda          | 2:00pm-2:50pm | W | CAE-102 |

| MUSIC-60  | Jazz Band | 1.50 |
|           | Limitation on Enrollment: Intermediate to advanced proficiency on one's musical instrument, together with the ability to read music is required. Audition on the first day of class on the following instruments: trumpet, trombone, saxophone, bass and bass guitar, keyboards, drums, guitar, and auxiliary percussion. Instrumental studio/performing group. Emphasis on reading, improvisation, and stylistic concepts as they apply to the intermediate or advanced player. Attendance at public performances is required. |
|           | Materials Fee: $0.00 | Transfer: CSU; UC |
|           | Grading: Letter grade only |
| 79940     | P.Aranda          | 7:00pm-9:50pm | T | CAE-102 |

| MUSIC-62  | Community Concert Band | 1.50 |
|           | Limitation on Enrollment: Audition on the first day of class on any one of the standard band instruments. Basic beginning proficiency required. Instrumental music group specializing in training and experience in a wide sampling of band repertoire, through rehearsals and performance. Attendance at on-campus end of semester concert in the theater is required. Students must provide their own instruments, although some larger instruments may be available through the Music Department. May be taken four times. |
|           | Materials Fee: $0.00 | Transfer: CSU; UC |
|           | Grading: Letter grade only |
| 79941     | P.Aranda          | 7:00pm-9:50pm | W | CAE-102 |

Additional sections of some classes may be available; check the Chino, Fontana, Ontario High School, and Hybrid/Online sections.
Nursing: Assistant (NURAST)

NURAST-400  Nursing Assistant  3.50 UNITS

Limitation on Enrollment: Admission into the Nursing Assistant program. 
Corequisite: NURAST-400L and 405. 
Demonstration of the twenty-eight core skills requiring mastery in preparation for the California Department of Public Health (CDPH) Certified Nurse Assistant (CNA) exam. Instructor signature required. 
Materials Fee: $1.00 
Grading: Pass/No Pass only 
NOTE: Stated hours include a half-hour lunch break.

80949 C.Hodge  8:00am-2:30pm  W   HS-106/133 01/12/15-03/11/15 Last day to add: 01/12/15 
SECT 80949: In addition to the weekly meeting on Wednesday from 01/21-03/04, class meets from 8am-2:30pm on 01/12-01/14 and from 8am-11am on 03/11.
80955 C.Zmudka  8:00am-2:30pm  W  HS-106 03/23/15-05/14/15 Last day to add: 03/23/15 
SECT 80955: In addition to the weekly meeting on Wednesday 04/01, 04/08, and 04/22-05/13, class meets from 8am-2:30pm on 03/23-03/25 and 04/16, and from 8am-11am on 05/14.

NURAST-400L  Nursing Assistant Laboratory  2.00 UNITS

Corequisite: NURAST-400 and 405. 
Fundamental principles of basic nursing care necessary to meet the guidelines established by the California Department of Health Services. Instructor signature required. 
Materials Fee: $10.00 
Grading: Letter grade only 
NOTE 1: Students must attend an information session. Call 909/652-6675 or go to www1.chaffey.edu/healthsciences for dates and times. NOTE 2: Students must achieve a minimum grade of C in NURAST-400 and pass NURVN-400L to meet course and program requirements. NOTE 3: Stated hours include a half-hour lunch break.

80950 C.Hodge  8:00am-2:30pm  CLIN 01/20/15-03/13/15 Last day to add: 01/29/15 
80951 C.Zmudka  8:00am-2:30pm  CLIN 01/20/15-03/13/15 Last day to add: 01/29/15 
80956 C.Zmudka  8:00am-2:30pm  CLIN 03/30/15-05/15/15 Last day to add: 04/07/15 
80957 C.Hodge  8:00am-2:30pm  CLIN 03/30/15-05/15/15 Last day to add: 04/07/15 

NURAST-405  Nursing Assistant Skills Laboratory  0.50 UNITS

Limitation on Enrollment: Admission into the Nursing Assistant program. 
Corequisite: NURAST-400 and 400L. 
Demonstration of the twenty-eight core skills requiring mastery in preparation for the California Department of Public Health (CDPH) Certified Nurse Assistant (CNA) exam. Instructor signature required. 
Materials Fee: $1.00 
Grading: Pass/No Pass only 
NOTE: Stated hours include a half-hour lunch break.

80952 C.Hodge  8:00am-4:30pm  TH  HS-131 01/15/15-01/29/15 Last day to add: 01/15/15 
80958 C.Zmudka  8:00am-4:30pm  TH  HS-131 03/26/15-04/09/15 Last day to add: 03/26/15 
80953 C.Zmudka  8:00am-2:30pm  F  HS-131 01/16/15-02/06/15 Last day to add: 01/16/15 
80959 C.Hodge  8:00am-4:30pm  F  HS-131 03/27/15-04/10/15 Last day to add: 03/27/15 

NURAST-450  Professional Development for the Nursing Assistant  1.00 UNITS

Limitation on Enrollment: Admission into the Nursing Assistant program. 
Advisory: Basic computer skills are recommended. 
Demonstration of the interpersonal and professional skills needed by entry-level healthcare providers joining the workforce. Instructor signature required. 
Materials Fee: $0.50 
Grading: Letter grade only 
NOTE: Stated hours include a half-hour lunch break.

80954 C.Hodge  8:00am-2:30pm  TH  HS-141 02/19/15-03/05/15 Last day to add: 02/19/15 
80960 C.Zmudka  8:00am-2:30pm  TH  HS-141 04/23/15-05/07/15 Last day to add: 04/23/15 

Nursing: Associate Degree (NURADN)

NURADN-3  Transition in Nursing  1.50 UNITS

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

80897 S.Clay  7:45am-10:25am  M  HS-133 01/12/15-04/06/15 Last day to add: 01/25/15 

NURADN-3L  Transition in Nursing Laboratory  0.50 UNITS

Limitation on Enrollment: Must be a graduate of a Vocational Nursing school with an active LVN license, and have at least one year of work experience as a LVN in a clinical health care setting. 
Corequisite: NURADN-3. 
Application of basic nursing in an on-campus clinical setting. 
Materials Fee: $1.00 
Grading: Pass/No Pass only 
NOTE: Students must be a graduate of a Vocational Nursing school with an active LVN license, and have at least one year of work experience as a LVN in a clinical health care setting.

80898 S.Clay  12:30pm-3:12pm  M  HS-133 01/12/15-04/06/15 Last day to add: 01/25/15 

NURAS-100  Nursing Assistant (NURAS-100)

Corequisite: NURAS-100L and 405. 
Nursing Assistant certification and professional development for the Nursing Assistant program. 
Materials Fee: $0.50 
Grading: Letter grade only 
NOTE: Students must be a graduate of a Vocational Nursing school with an active LVN license, and have at least one year of work experience as a LVN in a clinical health care setting. 

80949 C.Hodge  8:00am-2:30pm  TH  HS-141 02/19/15-03/05/15 Last day to add: 02/19/15 
80960 C.Zmudka  8:00am-2:30pm  TH  HS-141 04/23/15-05/07/15 Last day to add: 04/23/15 

NURAS-100L  Nursing Assistant Laboratory  0.50 UNITS

Corequisite: NURAS-100 and 405. 
Clinical application of the basic nursing care required to provide care for clients in long-term health care settings. Instructor signature required. 
Materials Fee: $2.00 
Grading: Pass/No Pass only 
NOTE: A half-hour lunch break is included in assigned clinical hours.

80950 C.Hodge  96-108 hrs/term scheduled clinical  CLIN 01/20/15-03/13/15 Last day to add: 01/29/15 
80951 C.Zmudka  96-108 hrs/term scheduled clinical  CLIN 01/20/15-03/13/15 Last day to add: 01/29/15 
80956 C.Zmudka  96-108 hrs/term scheduled clinical  CLIN 03/30/15-05/15/15 Last day to add: 04/07/15 
80957 C.Hodge  96-108 hrs/term scheduled clinical  CLIN 03/30/15-05/15/15 Last day to add: 04/07/15 

NURAS-105  Nursing Assistant Skills Laboratory  0.50 UNITS

Limitation on Enrollment: Admission into the Nursing Assistant program. 
Corequisite: NURAS-100 and 400L. 
Demonstration of the twenty-eight core skills requiring mastery in preparation for the California Department of Public Health (CDPH) Certified Nurse Assistant (CNA) exam. Instructor signature required. 
Materials Fee: $1.00 
Grading: Pass/No Pass only 
NOTE: Stated hours include a half-hour lunch break.

80952 C.Hodge  8:00am-4:30pm  TH  HS-131 01/15/15-01/29/15 Last day to add: 01/15/15 
80958 C.Zmudka  8:00am-4:30pm  TH  HS-131 03/26/15-04/09/15 Last day to add: 03/26/15 
80953 C.Zmudka  8:00am-2:30pm  F  HS-131 01/16/15-02/06/15 Last day to add: 01/16/15 
80959 C.Hodge  8:00am-4:30pm  F  HS-131 03/27/15-04/10/15 Last day to add: 03/27/15 

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

Visit Chaffey's NA web page at www.chaffey.edu/healthsciences for dates, times and more information regarding these mandatory information meetings.
NURADN-6  Clinical Nursing Skills  1.50 UNITS
Limitation on Enrollment: Admission to the Nursing (A.D.N.) program.
Development of the essential components of safe patient-centered care.
Materials Fee: $2.00  Transfer: CSU
Grading: Letter grade only

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

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NURADN-13  Mental Health and Psychiatric Nursing  2.00 UNITS
Limitation on Enrollment: Admission to the Nursing (A.D.N.) program.
Corequisite: NURADN-13L.
Application of psychiatric/mental health nursing concepts to patient-centered, evidence-based care, taking into consideration individual differences, developmental level, and culture.
Materials Fee: $1.00  Transfer: CSU
Grading: Pass/No Pass only

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NURADN-12  Nursing Process II  3.00 UNITS
Prerequisite: NURADN-12.
Corequisite: NURADN-12L.
Development of medical/surgical nursing concepts for patients and families using evidence-based practice, the nursing process, and critical thinking skills.
Materials Fee: $3.00  Transfer: CSU
Grading: Letter grade only

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NURADN-25L  Nursing Process II Laboratory  3.00 UNITS
Prerequisite: NURADN-12 and 12L.
Corequisite: NURADN-25.
Application of medical/surgical nursing concepts in patient-centered, evidence-based care, taking into consideration individual differences, developmental level, and culture.
Materials Fee: $3.00  Transfer: CSU
Grading: Letter grade only

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Additional sections of some classes may be available; check the Chino, Fontana, Ontario High School, and Hybrid/Online sections.
### NURADN-26L Maternal-Newborn Nursing Laboratory 1.50 UNITS

**Corequisite:** NURADN-26.

Application of maternal-newborn nursing concepts in patient-centered, evidence-based care, taking into consideration individual differences, developmental level and culture.

- **Materials Fee:** $2.00
- **Grading:** Pass/No Pass only
- **Transfer:** CSU

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### NURADN-34 Nursing Process III 4.00 UNITS

**Prerequisites:** NURADN-25 and 25L, or NURADN-3 and 3L.

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

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### 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:** $3.00
- **Grading:** Pass/No Pass only
- **Transfer:** CSU

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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-38.

Development of nursing concepts for infants, toddlers, school-age children, and adolescents and their families using evidence-based nursing, the nursing process, and critical reasoning/thinking skills.

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

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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:** $2.00
- **Grading:** Pass/No Pass only
- **Transfer:** CSU

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### NURADN-44 Nursing Process IV 4.50 UNITS

**Limitation on Enrollment:** Admission into the A.D.N Program.

**Corequisite:** NURADN-44L.

Development of medical/surgical nursing concepts for the acutely ill patient and their family, using evidence-based nursing, the nursing process, and critical thinking skills.

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

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### NURADN-44L Nursing Process IV Laboratory 5.00 UNITS

**Corequisite:** NURADN-44.

Provision of quality, safe, patient-centered nursing through evidence-based practice caring for patients/families with high acuity med/surg conditions, with consideration of individual differences, developmental level, and culture.

- **Materials Fee:** $5.00
- **Grading:** Pass/No Pass only
- **Transfer:** CSU

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### NURADN-50 Professional Issues in Nursing 1.00 UNITS

**Limitation on Enrollment:** Admission to the Nursing A.D.N program.

Historical contributions, ethics, current patient-centered care delivery systems, quality assurance, QSEN, IOM, expanded role of the nurse, political actions, continuing nursing education, and health care reform.

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

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**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.

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Additional sections of many classes are available; check the Chino, Fontana, Ontario High School, and Rancho sections for additional offerings.
**NURADN-403**  Pathophysiology for Nursing  
**3.00 UNITS**  
Limitation on Enrollment: Admission into a nursing (A.D.N. or V.N.) program or equivalent.  
**Advisory:** Completion of BIOL-22.
Mechanisms of disease processes and effects of these changes as they relate to nursing practice. The use of the Nursing Process in prevention, evaluation and treatment of disease outcomes within the scope of nursing process.  
Materials Fee: $3.00  
Grading: Letter grade only  
08942 R. Arciniega  1:00pm-4:00pm  W  HS-132

**NURADN-404**  Basic ECG and Dysrhythmia Interpretation  
**2.00 UNITS**  
Study of basic ECG waveforms in relation to atrial, junctional and ventricular dysrhythmias. Designed to assist health care workers and those interested in health care with recognition and treatment of basic dysrhythmias.  
Materials Fee: $2.00  
Grading: Letter grade only  
08943 H. MacDonald  1:00pm-3:00pm  T  HS-133

**NURADN-428**  Basic Pharmacology  
**3.00 UNITS**  
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: $3.00  
Grading: Letter grade only  
08944 L. Doget  3:15pm-6:15pm  T  HS-133

**NURADN-550**  Health Science Skills Development I  
**1.00 UNITS**  
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  
08945 M. Cianchetti  48-54 arranged hours skills lab  HS-130  
03/24/15-05/20/15  Last day to add: 03/30/15  
08946 S. Paaplauus  48-54 arranged hours skills lab  HS-130  
01/12/15-05/20/15  Last day to add: 04/07/15

**NURADN-551**  Health Science Skills Development II  
**1.00 UNITS**  
Limitation on Enrollment: Students must be enrolled in the NURADN program.  
Highly recommended, instructional guidance for use of informatics, critical thinking, and technical and clinical skills in conjunction with current health science courses.  
Materials Fee: $1.00  
Grading: Pass/No Pass only  
08947 R. Arciniega  48-54 arranged hours skills lab  HS-130  
01/12/15-05/20/15  Last day to add: 04/07/15  
08948 S. Howe-Fontes and C. Lopez  48-54 arranged hours skills lab  HS-130  
01/12/15-05/20/15  Last day to add: 04/07/15

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### Nursing: Vocational (NURVN)

**NURADN-403**  Pathophysiology for Nursing  
**3.00 UNITS**
Essentials of nutrition as they relate to diet, health and disease, risk reduction, stress, and nutritional deficiencies.  
Materials Fee: $3.00  
Transfer: CSU; UC  
Grading: Letter grade only  
081607 C. Ciamayo  9:30am-10:50am  TTH  G-133  
and  
01/12/15-05/20/15  Last day to add: 01/20/15  
SECT 81599: Hybrid class; see page 282 for more info.  
(more sections are at Chino and Fontana)

**NURADN-428**  Basic Pharmacology  
**3.00 UNITS**
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: $3.00  
Transfer: CSU; UC  
Grading: Letter grade only  
081605 K. Coughlin  8:00am-9:20am  TTH  G-133  
081600 C. Hines-Tinsley  9:30am-10:50am  M  G-135  
and  
01/12/15-05/20/15  Last day to add: 01/20/15  
SECT 81600: Hybrid class; see page 282 for more info.  
(another section is at Chino)

**NURADN-550**  Health Science Skills Development I  
**1.00 UNITS**
Introduction to the science of nutrition and its implications for human health, including essential nutrients, basic dietary guidelines, and changing nutritional needs throughout the lifecycle.  
Materials Fee: $3.00  
Transfer: CSU; UC  
Grading: Letter grade only  
081599 C. Hines-Tinsley  11:00am-12:20pm  M  G-134  
and  
01/12/15-05/20/15  Last day to add: 01/20/15  
SECT 81600: Hybrid class; see page 282 for more info.  
(another section is at Chino)

**NURADN-551**  Health Science Skills Development II  
**1.00 UNITS**
Introduction to sports nutrition as related to physical fitness, from the serious athlete to the more leisurely active person. Topics include: the study of basic nutrition, disease prevention, methods for increasing cardiovascular endurance, weight control, increasing strength and flexibility, and stress management through the components of diet and fitness.  
Materials Fee: $3.00  
Transfer: CSU  
Grading: Letter grade only  
081606 K. Coughlin  2:00pm-3:20pm  TTH  G-133  
(again section is at Chino)

### Nutrition and Food (NF)

**NF-5**  Nutrition for Life  
**3.00 UNITS**
Essentials of nutrition as they relate to diet, health and disease, risk reduction, stress, and nutritional deficiencies.  
Materials Fee: $3.00  
Transfer: CSU; UC  
Grading: Letter grade only  
081607 C. Ciamayo  9:30am-10:50am  TTH  G-133  
and  
01/12/15-05/20/15  Last day to add: 01/20/15  
SECT 81599: Hybrid class; see page 282 for more info.  
(more sections are at Chino and Fontana)

**NF-15**  Nutrition I: The Science of Nutrition  
**3.00 UNITS**
Introduction to the science of nutrition and its implications for human health, including essential nutrients, basic dietary guidelines, and changing nutritional needs throughout the lifecycle.  
Materials Fee: $3.00  
Transfer: CSU; UC  
Grading: Letter grade only  
081605 K. Coughlin  8:00am-9:20am  TTH  G-133  
081600 C. Hines-Tinsley  9:30am-10:50am  M  G-135  
and  
01/12/15-05/20/15  Last day to add: 01/20/15  
SECT 81600: Hybrid class; see page 282 for more info.  
(another section is at Chino)

**NF-19**  Nutrition II: Modified Diets  
**3.00 UNITS**
Prerequisite: NF-15.
The study of therapeutic diets and the principles of nutrition as related to special physical conditions. Screening and assessment techniques used by health care professionals.  
Materials Fee: $3.00  
Transfer: CSU  
Grading: Letter grade only  
081600 C. Hines-Tinsley  9:30am-10:50am  M  G-135  
and  
01/12/15-05/20/15  Last day to add: 01/20/15  
SECT 81600: Hybrid class; see page 282 for more info.  
(another section is at Chino)

**NF-22**  Nutrition and the Active Person  
**3.00 UNITS**
Introduction to sports nutrition as related to the nutritional needs of all individuals interested in physical fitness, from the serious athlete to the more leisurely active person. Topics include: the study of basic nutrition, disease prevention, methods for increasing cardiovascular endurance, weight control, increasing strength and flexibility, and stress management through the components of diet and fitness.  
Materials Fee: $3.00  
Transfer: CSU  
Grading: Letter grade only  
081606 K. Coughlin  2:00pm-3:20pm  TTH  G-133  
(again section is at Chino)

**NF-471**  Dietetic Service Supervisor I  
**1.00 UNITS**  
Limitation on Enrollment: Proof of a negative tuberculosis test within the past 12 months is required.  
Corequisite: NF-471L.  
Supervisory and management roles in the professional health care setting for 1st semester students.  
Materials Fee: $2.00  
Grading: Letter grade only  
081607 C. Ciamayo  9:30am-10:50am  TTH  G-133  
(again section is at Chino)

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Additional sections of some classes may be available; check the Chino, Fontana, Ontario High School, and Hybrid/Online sections.
### NF-471 Dietetic Service Supervisor I: Supervised Clinical Laboratory
Limitation on Enrollment: Proof of a negative tuberculosis test within the past 12 months is required.
Corequisite: NF-471.
Practical experience in practice and live clinical situations for the 1st semester student.
Materials Fee: $2.00
Grading: Letter grade only

### NF-472 Dietetic Service Supervisor II 1.00 UNITS
Limitation on Enrollment: Proof of a negative tuberculosis test within the past 12 months is required.
Prerequisite: NF-471.
Corequisite: NF-472L.
Supervisory and management roles in the professional health care setting for 1st semester students.
Materials Fee: $2.00
Grading: Letter grade only

### NF-472L Dietetic Service Supervisor II: Supervised Clinical Laboratory
Limitation on Enrollment: Proof of a negative tuberculosis test within the past 12 months is required.
Corequisite: NF-472L.
Practical experience in practice and live clinical situations for the 1st semester student.
Materials Fee: $2.00
Grading: Letter grade only

### PHARMT-402 Pharmacology of the Body Systems II 3.00 UNITS
Prerequisite: PHARMT-401.
Basic anatomy, physiology, and pharmacology related to drugs affecting the respiratory, genitourinary, musculoskeletal, integumentary, nervous and cardiovascular systems, and special senses.
Materials Fee: $5.00
Grading: Letter grade only

### PHARMT-404 Principles of Institutional 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 introduces students to acute care, long-term care, and home-health care facilities, to include the role of a pharmacy technician and pharmacist in the institutional pharmacy practice setting, pharmaceutical care, the patient model, and the drug delivery process as they relate to these health care facilities. An introduction to dosage forms, routes of administration, medication order reading, and patient profiles is emphasized.
Materials Fee: $0.00
Grading: Letter grade only

### PHARMT-405 Sterile 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.
Basic concepts of aseptic techniques. Focus on the use of laminar flow hoods and the proper handling and disposal of needles, syringes, and other supplies used in the preparation/compounding of sterile pharmacy products.
Materials Fee: $5.00
Grading: Letter grade only

### PHARMT-431 Institutional 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-431L.
Duties and responsibilities of the pharmacy technician working in an institutional setting. Emphasized topics include aseptic technique, use and maintenance of laminar flow hoods, IV admixture and Total Parenteral Nutrition preparation, materials management, inpatient oral medication distribution systems, institutional organization and function, and relevant legal and ethical issues. Students develop the knowledge and skills required to work with pharmacists, other clinical staff, and patients. NOTE: Student must achieve a minimum grade of “C” in both PHARMT-431 and 431L to meet course and program requirements.
Materials Fee: $5.00
Grading: Letter grade only

### NF-471L Dietetic Service Supervisor I: Supervised Clinical Laboratory
Limitation on Enrollment: Proof of a negative tuberculosis test within the past 12 months is required.
Corequisite: NF-471.
Practical experience in practice and live clinical situations for the 1st semester student.
Materials Fee: $2.00
Grading: Letter grade only

### NF-472L Dietetic Service Supervisor II: Supervised Clinical Laboratory
Limitation on Enrollment: Proof of a negative tuberculosis test within the past 12 months is required.
Corequisite: NF-472L.
Practical experience in practice and live clinical situations for the 1st semester student.
Materials Fee: $2.00
Grading: Letter grade only

### PHARMT-431L Institutional Pharmacy Operations Laboratory 1.00 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-431L.
Application and practice of the knowledge, concepts, and skills acquired in the corequisite course that are needed to operate effectively in an institutional setting. NOTE: Student must achieve a minimum grade of “C” in both PHARMT-431 and 431L to meet course and program requirements.
Materials Fee: $0.00
Grading: Letter grade only

### NF-472L Dietetic Service Supervisor II: Supervised Clinical Laboratory
Limitation on Enrollment: Proof of a negative tuberculosis test within the past 12 months is required.
Corequisite: NF-472L.
Practical experience in practice and live clinical situations for the 1st semester student.
Materials Fee: $2.00
Grading: Letter grade only

### PHARMT-431L Institutional Pharmacy Operations Laboratory 1.00 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-431L.
Application and practice of the knowledge, concepts, and skills acquired in the corequisite course that are needed to operate effectively in an institutional setting. NOTE: Student must achieve a minimum grade of “C” in both PHARMT-431 and 431L to meet course and program requirements.
Materials Fee: $0.00
Grading: Letter grade only

### 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.

Visit our website at www.chaffey.edu for application and registration information.
Philosophy (PHIL) 909/652-6253

PHIL-70 Introduction to Philosophy 3.00 UNITS
Prerequisite: Eligibility for ENGL-1A as determined by the Chaffey assessment process, or satisfactory completion of ENGL-450 or ENGL-475, or ESL-450 or ESL-475.
Introduction to the questions and ideas of major philosophers. Topics include knowledge (epistemology); reality (metaphysics); values, aesthetics, and religion (axiology), and social/political influences. (C-ID PHIL 100)
Materials Fee: $3.00 Transfer: CSU; UC
Grading: Letter grade only
79640 D.Kern 9:30am-10:50am MW SS-100
79639 R.Mittendorf 9:30am-10:50am TTH SS-108
79638 R.Mittendorf 9:00am-12:00pm S SS-100
79641 B.King 11:00am-12:20pm TTH WH-142
79642 B.King 11:00am-1:50pm F WH-142
(more sections are online, and at Chino, Fontana and Ontario High School)

PHIL-72 Seminar in Ethics 3.00 UNITS
Prerequisite: Eligibility for ENGL-1A as determined by the Chaffey assessment process, or satisfactory completion of ENGL-450 or 475, or ESL-450 or 475.
Advisory: Completion of PHIL-70.
Seminar class for the study of ethics, with an emphasis on personal, social, and political values. (C-ID PHIL 120)
Materials Fee: $3.00 Transfer: CSU; UC
Grading: Letter grade only
79646 R.Falcioni 11:00am-12:20pm TTH SS-106
79645 R.Falcioni 12:30pm-1:50pm TTH SS-106
79647 R.Falcioni 7:00am-8:50am M SS-106

PHIL-75 Symbolic Logic 3.00 UNITS
Prerequisite: ENGL-1A.
Advisory: Completion of PHIL-76.
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: $3.00 Transfer: CSU; UC
Grading: Letter grade only
79648 D.Kern 11:00am-12:20pm MW SS-100

PHIL-76 Critical Thinking 3.00 UNITS
Prerequisite: ENGL-1A.
Argument and reasoning in the investigation of claims, including inductive and deductive reasoning, distinguishing fact from opinion and belief from knowledge, and identifying formal and informal fallacies.
Materials Fee: $3.00 Transfer: CSU; UC
Grading: Letter grade only
79653 C.Mabonzo 8:00am-9:20am MW SS-100
79657 R.Livingston 8:00am-9:20am TTH SS-100
79660 J.Murice 9:00am-11:50am F SS-100
79654 E.Kostiuk 12:30pm-1:50pm MW SS-100
79655 S.Parise 2:00pm-3:20pm MW SS-100
79656 B.King 2:00pm-4:50pm F SS-100
79652 STAFF 3:00pm-6:30pm MW SS-110
01/12/15-03/09/15 Last day to add: 01/20/15
SECT 79662: Fast-Track class; see pages 297-303 for more info.
03/23/15-05/13/15 Last day to add: 03/26/15
SECT 79664: Fast-Track class; see pages 297-303 for more info.

PHIL-78 History of Philosophy: Modern 3.00 UNITS
Prerequisite: Eligibility for ENGL-1A as determined by the Chaffey assessment process, or satisfactory completion of ENGL-450 or ENGL-475, or ESL-450 or ESL-475.
A survey of the major philosophers and ideas from Descartes to the 19th century, including Kant, Locke, Hume, Nietzsche, Kierkegaard, and others. (C-ID PHIL 140)
Materials Fee: $3.00 Transfer: CSU; UC
Grading: Letter grade only
79662 D.Kern 9:30am-10:50am TTH 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-450 or ENGL-475, or ESL-450 or ESL-475.
Exploration into the philosophies of religion and it’s intellectual, cultural, and personal expressions.
Materials Fee: $3.00 Transfer: CSU; UC
Grading: Letter grade only
79663 R.Vitt 7:00pm-10:30pm MW SS-103
01/12/15-03/09/15 Last day to add: 01/20/15
SECT 79663: Fast-Track class; see pages 297-303 for more info.
79664 STAFF 7:00pm-10:30pm MW SS-103
03/23/15-05/13/15 Last day to add: 03/26/15
SECT 79664: Fast-Track class; see pages 297-303 for more info.

PHIL-81 Introduction to Eastern Philosophy 3.00 UNITS
Prerequisite: Eligibility for ENGL-1A as determined by the Chaffey assessment process, or satisfactory completion of ENGL-450 or ESL-475, or ESL-450 or ESL-450.
The principles and practices of Hinduism, Buddhism, Taoism, and Confucianism in understanding self, others, and the universe.
Materials Fee: $3.00 Transfer: CSU; UC
Grading: Letter grade only
79665 B.King 2:00pm-3:20pm TTH SS-100
79666 B.King 3:30pm-4:50pm TTH SS-100

PHIL-82 Intro to Monotheistic Religions: Judaism/Christianity/Islam 3.00 UNITS
Prerequisite: Eligibility for ENGL-1A as determined by the Chaffey assessment process or satisfactory completion of ENGL-450 or ENGL-475, or ESL-450 or ESL-475.
Exploration of the unity and contrast among basic Jewish, Christian, and Moslem belief systems and practices.
Materials Fee: $3.00 Transfer: CSU; UC
Grading: Letter grade only
79667 R.Falcioni 11:00am-12:20pm MW SS-101
79668 R.Falcioni 2:00pm-3:20pm MW SS-100

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

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

<table>
<thead>
<tr>
<th>SECTION #</th>
<th>INSTRUCTOR</th>
<th>HOURS</th>
<th>DAYS</th>
<th>ROOM</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHOTO-1</td>
<td>History of Photography</td>
<td>3.00 UNITS</td>
<td></td>
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</tr>
<tr>
<td>79965</td>
<td>C.Crone</td>
<td>9:30am-12:20pm</td>
<td>MW</td>
<td>CAA-123</td>
</tr>
<tr>
<td>79968</td>
<td>J.Porter</td>
<td>9:30am-3:20pm</td>
<td>F</td>
<td>CAA-123</td>
</tr>
<tr>
<td>79969</td>
<td>K.Haddad</td>
<td>12:30pm-3:20pm</td>
<td>T</td>
<td>CAA-123</td>
</tr>
</tbody>
</table>

### PHOTO-7 Introduction to Digital Photography 4.00 UNITS

- Instruction in the basic principles of digital photography, including digital printing. Students must furnish an adjustable DSLR (i.e. not a point-and-shoot model) digital camera.
- Materials Fee: $4.00
- Transfer: CSU; UC
- Grading: Letter grade only
- 01/12/15-05/20/15 Last day to add: 01/20/15
- SECT 79969: Hybrid class; see page 282 for more info.
- 01/12/15-05/20/15 Last day to add: 01/20/15
- SECT 79970: Hybrid class; see page 282 for more info.
- 01/12/15-05/20/15 Last day to add: 01/20/15

### PHOTO-9 Digital Imaging 4.00 UNITS

An introductory course in using computer imaging software such as Adobe Photoshop in photography and the digital arts. Class explores the creative potential of imaging software used by visual artists.
- Materials Fee: $4.00
- Transfer: CSU; UC
- Grading: Letter grade only
- 01/12/15-05/20/15 Last day to add: 01/20/15
- SECT 79971: Hybrid class; see page 282 for more info.
- 01/12/15-05/20/15 Last day to add: 01/20/15
- SECT 79978: Hybrid class; see page 282 for more info.

### PHOTO-10 Beginning Photography 4.00 UNITS

Introduction to film based photography and the principles of black-and-white photography, including cameras and the darkroom. Students must furnish an adjustable non-digital camera.
- Materials Fee: $4.00
- Transfer: CSU; UC
- Grading: Letter grade only
- 01/12/15-05/20/15 Last day to add: 01/20/15
- SECT 79974: Hybrid class; see page 282 for more info.

### PHOTO-12 Studio Lighting 4.00 UNITS

Prerequisite: PHOTO-7 or 10
- Introduction to the use of studio equipment and lighting techniques. Topics include portrait, still life, advertising, and art photography. Students must furnish an adjustable camera.
- Materials Fee: $4.00
- Transfer: CSU
- Grading: Letter grade only

### Physical Education

(See Kinesiology)

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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 pages 12-15 and Payment Date Due Chart on page 17.
### Physical Science (PHSCI)

**PHSCI-10 Survey of Chemistry and Physics 4.00 UNITS**  
Prerequisite: Eligibility for MATH-425 as determined by the Chaffey assessment process, or completion of MATH-410.  
Advisory: Completion of MATH-425.  
Introduction to the principles of physics and chemistry, including motion, forms of energy, electricity, magnetism, waves, and more. Course is recommended for liberal studies majors and future teachers.  
Materials Fee: $12.00  
Transfer: CSU; UC credit limitations  
Grading: Letter grade only

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<th>SECTION #</th>
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<tbody>
<tr>
<td>82436 J.Oakdale</td>
<td>9:00am-10:50am MW</td>
<td>PS-121</td>
<td></td>
<td></td>
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<tr>
<td>82437 J.Oakdale</td>
<td>1:30pm-2:50pm MW</td>
<td>PS-121</td>
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### Physics (PHYS)

**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, momentum and energy. Course is designed for students needing a general education science lecture course and for students majoring in engineering technology or the life sciences.  
Materials Fee: $3.00  
Transfer: CSU; UC credit limitations  
Grading: Letter grade only

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<td>5:00pm-6:20pm TTH</td>
<td>WH-112</td>
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**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.  
Materials Fee: $4.00  
Transfer: CSU; UC credit limitations  
Grading: Letter grade only

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</tr>
<tr>
<td>82482 M.Cheatle</td>
<td>3:00pm-5:50pm T</td>
<td>PS-120</td>
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**PHYS-30A Physics for the Medical and Life Sciences II 4.00 UNITS**  
Prerequisite: MATH-65A and PHYS-30A.  
Course is designed for students majoring in a life or medical science whose university major requires calculus-based physics. Electricity and magnetism, including electric force and field, electric potential energy, potential, capacitance, resistance, electromotive force, magnetic force and field, and Faraday’s Law. Inductors, with induced electromotive force presented as a derivative of flux. Power, intensity, and loudness of sound waves. Interference, diffraction, and geometrical optics of light waves.  
Materials Fee: $4.00  
Transfer: CSU; UC credit limitations  
Grading: Letter grade only

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<tbody>
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<tr>
<td>82441 STAFF</td>
<td>11:00am-1:50pm W</td>
<td>PS-120</td>
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</table>

**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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<td>7:00pm-9:50pm T</td>
<td>PS-120</td>
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</table>

**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.  
Materials Fee: $5.00  
Transfer: CSU; UC credit limitations  
Grading: Letter grade only

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<td>11:00am-1:50pm T</td>
<td>PS-120</td>
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</table>

**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.  
Materials Fee: $5.00  
Transfer: CSU; UC credit limitations  
Grading: Letter grade only

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<tr>
<td>82446 M.Cheatle</td>
<td>11:00am-1:50pm M</td>
<td>PS-120</td>
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</tbody>
</table>

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

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<tr>
<td>82438 STAFF</td>
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<td>PS-120</td>
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</tbody>
</table>

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

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<th>SECTION #</th>
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<tbody>
<tr>
<td>82484 STAFF</td>
<td>6:30pm-9:20pm TH</td>
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</tbody>
</table>

### Physics Course Sequence

For non-science majors:

- **PHYS-5**

For life/medical science majors requiring physics with trigonometry:

- **PHYS-20A**
  - MATH-31 (Prerequisite)
- **PHYS-20B**

For life/medical science majors requiring physics with one semester of calculus:

- **PHYS-30A**
  - MATH-65A (Corequisite)
- **PHYS-30B**
  - MATH-65A (Corequisite)
  - MATH-65B (Corequisite)
  - PHYS-44 (transfer as an elective)
  - PHYS-45 (transferable)
  - PHYS-47 (transferable)

For scientists and engineers:

- **PHYS-5**
  - MATH-61 (Prerequisite) (CSU & UC transferable w-limitations)
- **PHYS-44**
  - MATH 65A (Prerequisite) (CSU & UC transferable)
- **PHYS-45**
  - MATH 65B (Prerequisite) (CSU & UC transferable)
- **PHYS-47**
  - MATH 65A (Prerequisite) (CSU & UC transferable)

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

**PS-1 American Politics 3.00 UNITS**  
Advisory: Completion of ENGL-1A.  
Study of the American political process and institutions. Analysis of the organization and function of California’s state and local governments.  
Materials Fee: $3.00  
Transfer: CSU; UC  
Grading: Letter grade only  
79537 L. Bohon 8:00am-9:20am TTH SS-104  
79539 M. Coson 9:00am-12:00pm S SS-104  
79530 M. Carter 9:30am-10:50am MW WH-142  
SECT 79530: Emphasis on Women  
01/12/15-03/09/15  
03/23/15-05/13/15  
SECT 79528: Fast-Track class; see pages 297-303 for more info.  
SECT 79529 M. Carter 11:00am-2:30pm MW WH-142  
01/12/15-03/09/15  
03/23/15-05/13/15  
SECT 79528: Fast-Track class; see pages 297-303 for more info.  
79531 K. Cameron 11:00am-12:20pm MW SS-104  
79534 K. Cameron 3:30pm-4:50pm MW SS-104  
SECT 79534: Honors class; see page 304 for more info.  
79533 K. Cameron 3:30pm-4:50pm TTH SS-104  
79532 K. Cameron 5:00pm-6:20pm MW SS-104  
79536 P. Tang 7:00pm-8:20pm T WH-142  
79535 J. Kraybill 7:00pm-8:20pm W SS-104  
79538 J. Kraybill 7:00pm-8:20pm TH SS-104  
(more sections are online, and at Chino and Fontana)

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**PS-2 Introduction to Political Science 3.00 UNITS**  
Advisory: Completion of ENGL-1A.  
Analysis of political institutions, behaviors, cultures, ideologies, and factors that lead to stability or revolution.  
Materials Fee: $3.00  
Transfer: CSU; UC  
Grading: Letter grade only  
79543 L. Bohon 7:15am-10:45am MW SS-104  
03/23/15-05/13/15  
SECT 79543: Fast-Track class; see pages 297-303 for more info.  
79544 K. Cameron 2:00pm-3:20pm TTH SS-104

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**PS-3 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.  
Materials Fee: $3.00  
Transfer: CSU; UC  
Grading: Letter grade only  
79545 P. Tang 3:30pm-4:50pm TTH SS-111

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**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.  
Materials Fee: $3.00  
Transfer: CSU; UC  
Grading: Letter grade only  
79543 L. Bohon 7:15am-10:45am MW SS-104  
03/23/15-05/13/15  
SECT 79543: Fast-Track class; see pages 297-303 for more info.  
79544 K. Cameron 2:00pm-3:20pm TTH SS-104

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**PS-5 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.  
Materials Fee: $3.00  
Transfer: CSU; UC  
Grading: Letter grade only  
79546 P. Tang 3:30pm-4:50pm TTH SS-111
**Fall 2014/Spring 2015 Schedule of Classes**

**Chaffey College**

**RANCHO CUCAMONGA**

**79455 J.Buchanan**

**PSYCH-1 Introduction to Psychology**

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

SECTION #   INSTRUCTOR HOURS   DAYS   ROOM

79439 N.Milani  9:00am-12:00pm  S  ATL-105
79438 N.Barbari  9:30am-10:50am  MW  ATL-105
79436 A.Sadowski  11:00am-12:20pm  MW  ATL-105
79437 M.Fitzpatrick  12:30pm-1:50pm  TTH  WH-142

79455 J.Buchanan  9:30am-10:50am  MW  SS-108

**ATTENTION GRADUATING STUDENTS**

February 27 is the deadline to apply for graduation degrees and certificates if you want to participate in the commencement ceremony on May 21, 2015.

**Psychology (PSYCH)**

**909/652-6253**

**PSYCH-25 Developmental Psychology: Lifespan**

Study of human development from conception through old age with particular emphasis on biological and environmental influences. (C-ID PSY 180)

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

SECTION #   INSTRUCTOR HOURS   DAYS   ROOM

79461 J.Buchanan  8:00am-9:20am  MW  ATL-105
79463 L.Savitzy  11:00am-12:20pm  MW  ATL-105
79462 C.Ward  11:00am-12:20pm  MW  SS-108
79462 N.Milani  1:00pm-4:00pm  S  ATL-105
79456 M.DiLorenzo  3:00pm-6:30pm  MW  WH-102

01/12/15-03/09/15  Last day to add: 01/20/15

SECT 79456: Fast-Track class; see pages 297-303 for more info.

03/23/15-05/15/15  Last day to add: 03/26/15

SECT 79457: Fast-Track class; see pages 297-303 for more info.

03/24/15-05/15/15  Last day to add: 03/26/15

SECT 79467: Fast-Track class; see pages 297-303 for more info.

79465 M.Jennings  7:00pm-9:50pm  TH  ATL-105

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

**PSYCH-5 Personal and Social Awareness**

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

SECTION #   INSTRUCTOR HOURS   DAYS   ROOM

79453 M.DiLorenzo  12:30pm-1:50pm  MW  ATL-105

(another section is online)

79465 M.Jennings  7:00pm-9:50pm  TH  ATL-105

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

**PSYCH-20 Developmental Psych: Childhood and Adolescence**

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: $3.00  
Grading: Letter grade only  
Transfer: CSU; UC credit limitations

SECTION #   INSTRUCTOR HOURS   DAYS   ROOM

79455 J.Buchanan  9:30am-10:50am  MW  SS-108

79471 A.Sadowski  9:30am-10:50am  TTH  ATL-105

(another section is at Fontana)

79462 N.Milani  1:00pm-4:00pm  S  ATL-105

79453 M.DiLorenzo  3:00pm-6:30pm  MW  WH-102

03/23/15-05/15/15  Last day to add: 03/26/15

SECT 79457: Fast-Track class; see pages 297-303 for more info.

79467 D.Fell  3:00pm-6:30pm  TTH  SS-103

03/24/15-05/15/15  Last day to add: 03/26/15

SECT 79467: Fast-Track class; see pages 297-303 for more info.

79469 M.Dennis  7:00pm-9:50pm  T  SS-101

(transfer is in section)

**PSYCH-41 Biological Psychology**

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

SECTION #   INSTRUCTOR HOURS   DAYS   ROOM

79469 M.Dennis  7:00pm-9:50pm  T  SS-101

(transfer is in section)

**PSYCH-55 Abnormal Psychology**

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

SECTION #   INSTRUCTOR HOURS   DAYS   ROOM

79472 L.Savitzy  12:30pm-1:50pm  MW  ATL-105

(another section is at Chino)

79471 A.Sadowski  9:30am-10:50am  TTH  ATL-105

(another section is at Fontana)

**PSYCH-65 Social Psychology**

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

SECTION #   INSTRUCTOR HOURS   DAYS   ROOM

79472 L.Savitzy  12:30pm-1:50pm  MW  ATL-105

(another section is at Chino)

79475 N.Barbari  12:30pm-3:20pm  MW  SS-108

79474 M.DiLorenzo  2:00pm-4:50pm  TTH  SS-108

**PSYCH-80 Research Methods in Psychology**

Prerequisite: PSYCH-1 and SCSCI-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: $4.00  
Grading: Letter grade only  
Transfer: CSU; UC

SECTION #   INSTRUCTOR HOURS   DAYS   ROOM

79457 M.DiLorenzo  3:00pm-6:30pm  MW  WH-102

03/23/15-05/15/15  Last day to add: 03/26/15

SECT 79457: Fast-Track class; see pages 297-303 for more info.

79467 D.Fell  3:00pm-6:30pm  TTH  SS-103

03/24/15-05/15/15  Last day to add: 03/26/15

SECT 79467: Fast-Track class; see pages 297-303 for more info.

79465 M.Jennings  7:00pm-9:50pm  TH  ATL-105

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

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

**RADTEC-25 Anatomy and Radiographic Positioning II** 3.00 UNITS  
Limitation on Enrollment: Successful completion of the first semester of the Radiologic Technology Program.  
Prerequisite: RADTEC-10L.  
Corequisite: RADTEC-25L.  
Positioning of the vertebral column, bony thorax, gastrointestinal tract, and biliary system. Imaging considerations for trauma, mobile/portable, surgical, pediatric and geriatric procedures.  
Materials Fee: $25.00  
Grading: Letter grade only  
80976 A.Dutton 8:00am-11:00am M RSAM-01

**RADTEC-25L Laboratory for Anatomy and Radiographic Positioning II** 1.00 UNITS  
Limitation on Enrollment: Successful completion of the first semester of the Radiologic Technology Program.  
Prerequisite: RADTEC-10L.  
Corequisite: RADTEC-25.  
Application, demonstration, role-play and timed procedure evaluations of positioning for the vertebral column, bony thorax, gastrointestinal, biliary systems, trauma, mobile/surgical, pediatric and geriatric radiography.  
Materials Fee: $25.00  
Grading: Letter grade only  
80968 A.Dutton 8:00am-11:00am T RSAM-01  
80970 A.Dyer 8:00am-11:00am T RSAM-01  
80969 A.Dutton 12:00pm-3:00pm T RSAM-01  
80971 A.Dyer 12:00pm-3:00pm T RSAM-01

**RADTEC-34 Radiographic Imaging** 3.00 UNITS  
Limitation on Enrollment: Acceptance into the Radiologic Technology Program is required.  
Prerequisite: RADTEC-20.  
Corequisite: RADTEC-34L.  
Comprehensive study of digital imaging systems, including design, image acquisition, display, processing, delivery, and storage.  
Materials Fee: $3.00  
Grading: Letter grade only  
80972 STAFF 12:00pm-3:00pm M RSAM-02

**RADTEC-34L Laboratory for Radiographic Imaging** 1.00 UNITS  
Limitation on Enrollment: Admission to the Radiologic Technology program is required.  
Prerequisite: RADTEC-20L.  
Corequisite: RADTEC-34.  
Through discussion, demonstration, return demonstration, group sharing, and evaluation, students apply radiation theory to the production of quality digital images.  
Materials Fee: $25.00  
Grading: Letter grade only  
80973 M.Soto 8:00am-11:00am T RSAM-02  
80975 STAFF 8:00am-11:00am T RSAM-02  
80974 M.Soto 12:00pm-3:00pm T RSAM-02  
80976 STAFF 12:00pm-3:00pm T RSAM-02

**RADTEC-40 Radiographic Clinical Education II** 8.00 UNITS  
Limitation on Enrollment: Successful completion of the first semester of the Radiologic Technology Program.  
Prerequisite: RADTEC-31.  
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: $24.00  
Grading: Letter grade only  
80977 A.Dutton, M.Soto, and J.Parton  
80978 M.Soto, A.Dyer, M.Soto, and J.Parton  
80979 M.Soto 8:00am-11:00am W RSAM-01

**Reading**  
(See English) 909/652-7606

### Social Science (SCSCI)

**SCSCI-10 Statistics for Social Science** 4.00 UNITS  
Prerequisite: Eligibility for MATH-25 or higher as determined by the Chaffey assessment process, or completion of MATH-425.  
Survey of methods used to analyze and interpret data generated by scientific investigation. Use of computerized statistical packages such as SPSS. Note: Nurses earn 50 hours of CE credit BRN #00426.(C-ID SOCI 125)  
Materials Fee: $4.00  
Grading: Letter grade only  
79476 V.Dunwoody 2:00pm-4:50pm MW ATL-105

**SCSCI-17 Human Sexuality** 3.00 UNITS  
Advisory: Completion of one or more behavioral science courses.  
Exploration of the biological, psychological, and social aspects of human sexuality. Nurses earn 54 hours of CE credit: BRN #00426.  
Materials Fee: $3.00  
Grading: Letter grade only  
79525 L.Navarette 7:00pm-9:50pm TH SS-110

Additional sections of some classes may be available; check the Chino, Fontana, Ontario High School, and Hybrid/Online sections.
Sociology (SOC) 909/652-6253

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

79480  S. Gomez  7:15am-10:45am  TTH  SS-110
01/13/15-03/15  Last day to add: 01/20/15
SECT 79480: Fast-Track class; see pages 297-303 for more info.
79481  S. Gomez  7:15am-10:45am  TTH  SS-110
03/24/15-05/12/15  Last day to add: 03/26/15
SECT 79481: Fast-Track class; see pages 297-303 for more info.
79496  T. Ubovich  8:00am-9:20am  MW  SS-110
79497  T. Ubovich  9:30am-10:50am  MW  SS-110
79482  R. Hallii  9:30am-10:50am  TTH  WH-142
79494  S. Gomez  11:00am-2:30pm  MW  SS-110
01/15/13-03/09/15  Last day to add: 01/20/15
SECT 79494: Fast-Track class; see pages 297-303 for more info.
79495  S. Gomez  11:00am-2:30pm  MW  SS-110
03/23/15-05/13/15  Last day to add: 03/26/15
SECT 79495: Fast-Track class; see pages 297-303 for more info.
79486  T. Ubovich  11:00am-12:20pm  MW  SS-103
79483  R. Hallii  11:00am-12:20pm  TTH  WH-112
79484  J. Song  11:00am-2:30pm  TTH  SS-110
01/13/15-03/03/15  Last day to add: 01/20/15
SECT 79484: Fast-Track class; see pages 297-303 for more info.
79485  J. Song  11:00am-2:30pm  TTH  SS-110
03/24/15-05/12/15  Last day to add: 03/26/15
SECT 79485: Fast-Track class; see pages 297-303 for more info.
79486  P. Snyder  12:30pm-1:50pm  TTH  SS-108
79487  P. Snyder  2:00pm-3:20pm  TTH  SS-108
79490  L. Navarette  2:00pm-3:20pm  W  SS-105
and
01/12/15-05/20/15  Last day to add: 01/20/15
SECT 79490: Hybrid class; see page 282 for more info.
79488  P. Snyder  3:30pm-4:50pm  TTH  SS-108
79491  L. Navarette  3:30pm-4:50pm  W  SS-105
and
01/12/15-05/20/15  Last day to add: 01/20/15
SECT 79491: Hybrid class; see page 282 for more info.
79499  K. Lindeda  7:00pm-9:50pm  M  SS-110
(more sections are online, and at Chino and Fontana)

SOC-14 Sociology of Gender  3.00 UNITS
Advisory: Completion of SOC-10.
The role and status of women and men in society, emphasizing sexual inequality and recent changes that affect the family, education, economy, law, and other societal institutions. (C-ID SOCI 140)
Materials Fee: $3.00  Transfer: CSU; UC
Grading: Letter grade only

79502  E. Der-Mesropian  9:00am-11:50am  F  SS-110

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

79503  B. Carpio  9:00am-12:00pm  S  SS-101

SOC-16 Marriage, Family, and Relationships  3.00 UNITS
Advisory: Eligibility for ENGL-1A as determined by the Chaffey assessment process, or completion of ENGL-475 or ESL-475.
Cross-cultural, social class, gender, and ethnic variation in marriages, families, and relationships. Emphasis on the application of theories, research, and social factors. (C-ID SOCI 130)
Materials Fee: $3.00  Transfer: CSU; UC
Grading: Letter grade only

79511  E. Der-Mesropian  8:00am-10:00am  MW  SS-101
79520  R. Decter  1:00pm-4:00pm  S  SS-101

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: RCFE, NHAP, BRN #00426, and BBS #2178.
Materials Fee: $3.00  Transfer: CSU; UC credit limitations
Grading: Letter grade only

79520  R. Decter  1:00pm-4:00pm  S  SS-101

SOC-26 Introduction to Latin American Societies  3.00 UNITS
Survey of Latin American societies in Mexico, Central and South America, and the Caribbean. Examination of the patterns of social, economic, political, and cultural change in modern Latin America.
Materials Fee: $3.00  Transfer: CSU; UC
Grading: Letter grade only

79521  B. Carpio  9:00am-12:00pm  F  SS-110

Visit our website at www.chaffey.edu for application and registration information.
**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**
    - J. Song, Instructional Specialist
    - **909/652-6820**
  - **ESL & Modern Languages**
    - G. Creel, Instructional Specialist
    - **909/652-6907**
    - Monday-Thursday: 8am-8pm
    - Friday: 10am-2pm
    - Sunday: 10am-3pm

- **Math Success Center, MATH-121**
  - G. Kenehan, Instructional Specialist
  - **909/652-6452**
  - Monday-Thursday: 8am-8pm
  - Friday: 10am-2pm
  - Sunday: 10am-3pm

- **Multidisciplinary Success Center, Library**
  - **909/652-6932**
  - Monday-Thursday: 8am-8pm
  - Friday: 10am-2pm
  - Sunday: 10am-3pm

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**Spanish (SPAN)**

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

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

**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.

Materials Fee: $4.00  Transfer: CSU; UC

Grading: Letter grade only

- **80471 D. Duno**
  - 7:30am-9:45am
  - MTWTH
  - LA-104

- **80475 V. Tirado**
  - 8:00am-9:50am
  - TTH
  - LA-103

- **80485 L. Fajardo**
  - 8:00am-11:50am
  - F
  - LA-103

- **80459 V. Tirado**
  - 10:00am-11:50am
  - TTH
  - LA-103

- **80476 N. Guillen**
  - 4:00pm-5:50pm
  - TTH
  - LA-103

- **80483 C. Drumond**
  - 4:00pm-5:50pm
  - TTH
  - LA-104

- **80481 A. Corona**
  - 7:00pm-9:15pm
  - MTWTH
  - LA-104

- **80473 D. Duno**
  - 10:00am-12:15pm
  - MTWTH
  - LA-104

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

Advisory: Ability to speak and comprehend Spanish.

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

Materials Fee: $4.00  Transfer: CSU; UC

Grading: Letter grade only

- **80475 V. Tirado**
  - 10:00am-11:50am
  - TTH
  - LA-103

- **80474 D. Duno**
  - 12:00pm-2:00pm
  - TTH
  - LA-104

- **80485 L. Fajardo**
  - 8:00pm-10:50pm
  - F
  - LA-103

- **80476 N. Guillen**
  - 4:00pm-5:50pm
  - MW
  - LA-103

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**Student Health Services**

First Aid • Doctor’s Visits • Counseling

Immunizations • Lab Tests

Call (909) 652-6331 for same day appointments

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Fall 2014/Spring 2015 Schedule of Classes 279
**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.
Materials Fee: $4.00  
Transfer: CSU; UC  
Grading: Letter grade only

**SPAN-2SS** Spanish for Heritage Speakers II  **4.00 UNITS**
Prerequisite: SPAN-1SS.
Continued development of grammar, vocabulary, speech habits, writing, and reading for Spanish speakers through the context of Hispanic cultural and historical literature, texts and topics. Course is conducted in Spanish.
Materials Fee: $4.00  
Transfer: CSU; UC  
Grading: Letter grade only

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

**SPAN-4** Intermediate Spanish II  **4.00 UNITS**
Prerequisite: SPAN-3.
Continued study of the Spanish language (all skills), with emphasis on grammar, composition, reading, and discussion in Spanish through Hispanic cultural and historical texts and topics. Ten hours of supplemental learning in a Success Center that supports this course is required.
Materials Fee: $4.00  
Transfer: CSU; UC  
Grading: Letter grade only

**SPAN-13** Survey of Mexican Literature 1700-Present  **3.00 UNITS**  
Survey of Mexican literature (in translation) of mostly twentieth and twenty-first centuries, with a focus on culturally-influenced writing styles and literary techniques.
Materials Fee: $3.00  
Transfer: CSU; UC  
Grading: Letter grade only

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**Statistics** (STAT)  **4.00 UNITS**
(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.
Materials Fee: $4.00  
Transfer: CSU; UC credit limitations  
Grading: Letter grade only

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**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: $3.00  
Transfer: CSU; UC  
Grading: Letter grade only

**THEATRE-5** Theatre History: 1700-Present  **3.00 UNITS**  
Advisory: Eligibility for ENGL-1A as determined by the Chaffey assessment process, or completion of ENGL-475 or ESL-475.
Study of theatre history from the late 17th century through the present, emphasizing the historical, philosophical and sociological influences on its development.
Materials Fee: $3.00  
Transfer: CSU; UC  
Grading: Letter grade only

**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: $3.00  
Transfer: CSU; UC  
Grading: Letter grade only
<table>
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<tr>
<th>SECTION #</th>
<th>INSTRUCTOR</th>
<th>HOURS</th>
<th>DAYS</th>
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<tr>
<td>THEATRE-12</td>
<td>Intermediate Acting</td>
<td>3.00 UNITS</td>
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<td>Prerequisite: THEATRE-10.</td>
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<td>In depth application of the techniques explored in beginning acting with emphasis on characterization and scene study. (C-ID THTR 152)</td>
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<td>Materials Fee: $3.00 Transfer: CSU; UC</td>
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<td>Grading: Letter grade only</td>
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(section is at Fontana)

| THEATRE-18 | Seminar in Television Production: Acting | 3.00 UNITS | | |
| Advisory: THEATRE-10. | |
| Techniques needed to work before a camera, either motion-picture or television. | |
| Materials Fee: $3.00 Transfer: CSU; UC | |
| Grading: Letter grade only | |

| THEATRE-32 | Theatre Design-Lighting | 3.00 UNITS | | |
| Study and execution of stage lighting with emphasis on equipment, control, color, and their relationships to design. (C-ID THTR 173) | |
| Materials Fee: $3.00 Transfer: CSU | |
| Grading: Letter grade only | |

| THEATRE-40 | Stage Costuming | 3.00 UNITS | | |
| Theory and application of costume design and construction, including research, principles of design, and construction techniques. Students construct all costumes required for the semester’s theatrical production. (C-ID THTR 174) | |
| Materials Fee: $0.00 Transfer: CSU | |
| Grading: Letter grade only | |

| THEATRE-42 | Theatrical Makeup | 3.00 UNITS | | |
| Introduction to the theory, design, and application of makeup for the theatre. (C-ID THTR 175) | |
| Materials Fee: $3.00 Transfer: CSU; UC | |
| Grading: Letter grade only | |

| THEATRE-50 | Main Stage Production Workshop I | 3.00 UNITS | | |
| Limitation on Enrollment: Audition/interview with the faculty overseeing the specific production. | |
| Instruction and supervised participation in theatre rehearsal and performance. Requires participation in either an acting or production role. (C-ID THTR 191) | |
| Materials Fee: $0.00 Transfer: CSU; UC | |
| Grading: Letter grade only | |

| THEATRE-51 | Main Stage Production Workshop II | 3.00 UNITS | | |
| Prerequisite: THEATRE-50. | |
| A continuation of supervised practical experience in the preparation and public performance of a faculty-directed theatrical production. Requires participation in an acting, design, or production role. | |
| Materials Fee: $0.00 Transfer: CSU; UC | |
| Grading: Letter grade only | |

| THEATRE-57 | Children's Theatre | 3.00 UNITS | | |
| Limitation on Enrollment: Enrollment is based upon a successful audition or interview. | |
| Advisory: Completion of THEATRE-10. | |
| Selection, design, rehearsal and presentation of a play for children at the elementary and/or junior high school level. | |
| 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.

**Unit Limit**

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

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

**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.