### Accounting (ACCTG)

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

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

Development and communication of financial information that is useful to investors, creditors, and other decision-makers. Includes the accounting environment, accounting cycle, generally accepted accounting principles, ethics, financial statements, operating, investing, and financing activities. (C-ID ACCT 110)

Materials Fee: $0.00  Transfer: CSU; UC

Grading: Letter grade only

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<tr>
<th>SECTION #</th>
<th>INSTRUCTOR</th>
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<tbody>
<tr>
<td>85719</td>
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<tr>
<td>85725</td>
<td>V.Turner</td>
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<tr>
<td>85728</td>
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<tr>
<td>SECT 85718: Fast Track class; see pages 178-184 for more info.</td>
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<tr>
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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: $0.00  Transfer: CSU; UC

Grading: Letter grade only

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<td>85727</td>
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<td>85723</td>
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<td>6:00pm-9:50pm</td>
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(more sections at Chino and Fontana)

#### ACCTG-430  Accounting for Government and Not-For-Profit Organizations  4.00 UNITS

**Prerequisite:** ACCTG-1A.

Introduction to the fundamentals of governmental and not-for-profit accounting. Emphasis on accounting for the various fund types and restrictions relevant to government and not-for-profit agencies, with both theoretical and practical aspects explored.

Materials Fee: $0.00  Transfer: CSU; UC

Grading: Letter grade only

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### FEE PAYMENTS

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

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

For more detailed information, see the Payment Deadline information on pages 13-15 and Payment Date Due Chart on page 17.

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### Administration of Justice (AJ)

#### AJ-1 Introduction to the Criminal Justice System

Introduction to the characteristics of the criminal justice system in the United States, with focus on crime theories and measurement, responses, system components, and current challenges. (C-ID AJ 110)

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

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#### AJ-2 Concepts of Criminal Law

Prerequisite: AJ-1.

Historical development of criminal law, philosophy and constitutional provisions, definitions, classification of crime, and application to the system of administration of justice. (C-ID AJ 120)

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

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<tr>
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<td>SU</td>
<td>SS-105</td>
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#### AJ-3 Criminal Court Process System

Prerequisite: AJ-1.

Roles and responsibilities of law enforcement, the judiciary and corrections, viewed both independently and collectively. Review of criminal justice procedures related to individual, constitutional and procedural rights. (C-ID AJ 122)

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

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### Accounting and Financial Services (ACCTGFS)

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### 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 Online/Hybrid sections.

**ACCTGFS-442** Fundamentals of Finance and Investing 3.00 UNITS

Introduction to finance theory and its application to investment decisions involving stocks, bonds, mutual funds, government securities, options, and real estate.

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

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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: $0.00
- Grading: Letter grade only

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<tbody>
<tr>
<td>85774 J. Muir</td>
<td>6:00pm-9:50pm</td>
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<td>BE-102</td>
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### Acting

(See Theatre Arts)
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

83930 C.Lively  7:30am-9:45am  MTWTH LA-102  08/17/15-10/07/15  Last day to add: 08/24/15
SECT 83930: Fast Track class; see pages 178-184 for more info.
84006 K.Casale  12:00pm-1:50pm MWLA-102
84032 F.Gravatt  12:00pm-1:50pm TTH LA-102
84073 E.Sedlacek  4:00pm-5:50pm MW LA-102
84236 J.Gough  4:00pm-5:50pm TTH LA-102
84092 S.Wilson  6:00pm-7:50pm MW LA-102
(more sections at Chino and 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

83931 C.Lively  7:30am-9:45am  MTWTH LA-102  10/19/15-12/10/15  Last day to add: 10/22/15
SECT 83931: Fast Track class; see pages 178-184 for more info.
84007 K.Casale  2:00pm-3:50pm MW LA-102
(more sections at Fontana)

AJ-4  Community-Based Problem Solving and The Justice System  3.00 UNITS
Roles of justice system agencies, focusing on their interrelationships and interactions with a diverse, multicultural public. Analysis of the differences between community-oriented and problem-solving policing. (C-ID AJ 160)
Materials Fee: $0.00  Transfer: CSU; UC
Grading: Letter grade only

AJ-5  Legal Aspects of Evidence  3.00 UNITS
Prerequisite: AJ-1.
Origin, development, philosophy, and the constitutional basis of evidence; constitutional and procedural considerations affecting arrest, search, and seizure; and the rules governing admissibility of evidence. (C-ID AJ 124)
Materials Fee: $0.00  Transfer: CSU
Grading: Letter grade only

84344 B.Brown  11:00am-12:20pm  TTH SS-103

AJ-7  Criminal Investigation  3.00 UNITS
Prerequisite: AJ-1.
Techniques, procedures, and ethical issues integral to the investigation of crime, including investigative processes, searches, interviews, sources of information, utility of evidence, scientific analysis and role of investigators in the trial process. (C-ID AJ 140)
Materials Fee: $3.00  Transfer: CSU
Grading: Letter grade only

8435B.Brown  2:00pm-3:20pm  TTH SS-103

AJ-9  Crime Scene Management and Forensic Evidence  3.00 UNITS
Prerequisite: AJ-1.
An introduction to the role of forensics in criminal investigations including methods utilized in the forensic analysis of crime scenes, pattern evidence, instruments, firearms, questioned documents and controlled substances. (C-ID AJ 150)
Materials Fee: $3.00  Transfer: CSU
Grading: Letter grade only

84347 R.Price  12:30pm-1:50pm  MW SS-105

AJ-408  Patrol Operations  3.00 UNITS
Advisory: AJ-1.
Responsibilities, techniques, and methods of police patrol. Topics include purpose and types of patrol, communications, observations, tactics, recording, courtroom testimony, and community relations.
Materials Fee: $0.00  Grading: Letter grade only

84343 R.Price  7:00pm-9:50pm  M SS-103
Fall 2015/Spring 2016 Schedule of Classes

**Anthropology (ANTHRO)**

**ANTHRO-1 Introduction to Biological Anthropology 3.00 UNITS**
Advisory: Eligibility for ENGL-1A as determined by the Chaffey assessment process, or completion of ENGL-475 or ESL-475.
Study of the biological features of humankind, utilizing scientific and comparative methods to understand human variation and adaptation, genetics, primatology, and the human fossil record. (C-ID ANTH 110)
Materials Fee: $0.00
Grading: Letter grade only

84407 A.Yefremian 9:00am-11:50am S BL-107
84354 M.Meyer 9:30am-10:50am MW ATL-105
84362 M.Fong 9:30am-10:50am TTH BL-107
84356 M.Meyer 11:00am-2:30pm MW BL-107
08/17/15-10/07/15 Last day to add: 08/24/15
SECT 84356: Fast Track class; see pages 178-184 for more info.
84359 M.Meyer 11:00am-2:30pm MW BL-107
10/19/15-12/09/15 Last day to add: 10/22/15
SECT 84359: Fast Track class; see pages 178-184 for more info.
84364 M.Fong 11:00am-2:30pm TTH BL-107
08/18/15-10/06/15 Last day to add: 08/24/15
SECT 84364: Fast Track class; see pages 178-184 for more info.
84365 M.Fong 11:00am-2:30pm TTH BL-107
10/20/15-12/10/15 Last day to add: 10/22/15
SECT 84365: Fast Track class; see pages 178-184 for more info.
85058 A.Yefremian 12:00pm-2:50pm SU SS-110

**ANTHRO-2 Introduction to Archaeology 3.00 UNITS**
Advisory: Eligibility for ENGL-1A as determined by the Chaffey assessment process, or completion of ENGL-475 or ESL-475.
Introduction to the study of concepts, theories, data and models of anthropological archaeology that contribute to our knowledge of the human past. (C-ID ANTH 150)
Materials Fee: $3.00
Grading: Letter grade only

(Section at Fontana)

**ANTHRO-3 Introduction to Social and Cultural Anthropology 3.00 UNITS**
Advisory: Eligibility for ENGL-1A as determined by the Chaffey assessment process, or completion of ENGL-475 or ESL-475.
Introduction to how anthropologists do their work, employ professional anthropological research ethics, and apply their perspectives and skills to the understanding of humans around the globe. (C-ID ANTH 120)
Materials Fee: $0.00
Grading: Letter grade only

84535 STAFF 8:00am-9:20am TTH SS-105
84530 K.Rugroden 9:30am-10:50am MW SS-104
84536 STAFF 9:30am-10:50am TTH SS-105
84531 K.Rugroden 11:00am-12:20pm MW SS-105
84537 M.Meyer 11:00am-2:30pm TTH SS-105
08/18/15-10/06/15 Last day to add: 08/24/15
SECT 84537: Fast Track class; see pages 178-184 for more info.
84539 M.Meyer 11:00am-2:30pm TTH SS-105
10/20/15-12/10/15 Last day to add: 10/22/15
SECT 84539: Fast Track class; see pages 178-184 for more info.
84542 W.Nielson 12:30pm-1:50pm TTH SS-104
84534 K.Rugroden 2:00pm-3:20pm MW SS-104
84545 M.Fong 7:00pm-9:50pm W BL-107
(more sections online, and at Chino and Fontana)

**PRIORITY REGISTRATION**
Priority registration has been legally mandated for the following student groups:
Eligible veterans, foster youth, active EOPS, DPS, and CalWorks students.

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

Additional sections of some classes may be available; check the Chino, Fontana, Ontario High School, and Online/Hybrid sections.
### Fall 2015/Spring 2016 Schedule of Classes

**Arabic (ARABIC)**

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

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<tr>
<td>ARABIC-1</td>
<td>Elementary Modern Standard 4.00 UNITS Arabic</td>
<td>909/652-6903</td>
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<tr>
<td>Z.Rafei</td>
<td>2:00pm-3:50pm TTH LA-101</td>
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<tr>
<td>A.Ramadan</td>
<td>8:00pm-9:50pm TTH 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

Z.Rafei 2:00pm-3:50pm TTH LA-101
A.Ramadan 6:00pm-7:50pm TTH LA-101

**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

Z.Rafei 4:00pm-5:50pm TTH LA-101

**Architecture**

*(See Drafting)*

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**Art (ART)**

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

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<td>Fundamentals of Design in Two Dimensions 4.00 UNITS</td>
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<tr>
<td>P.Lewis</td>
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<tr>
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<td>6:30pm-9:20pm TTH CAA-210</td>
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**ART-12  Fundamentals of Design in Three Dimensions 4.00 UNITS**

*Advisory: Completion of ART-10.*

In-depth introduction to the visual elements of three-dimensional design, including color and surface treatments of form, as well as the implications of time and environmental space.

Materials Fee: $5.00  Transfer: CSU; UC

Grading: Letter grade only

M.Burruel 9:30am-12:20am TTH CAC-105
M.Burruel 2:00pm-4:50pm MW CAC-105

**ART-14  Introduction to Drawing 3.00 UNITS**

Introduction to freehand drawing from direct observation using a variety of black-and-white media. (C-ID ARTS 110)

Materials Fee: $4.00  Transfer: CSU; UC

Grading: Letter grade only

P.Provart 9:30am-12:20pm MW CAA-210
C.Balent 9:30am-12:20pm TTH CAA-210
J.Hutchins 12:30pm-3:20pm MW CAA-210
J.Hutchins 3:30pm-6:20pm MW CAA-210
A.Maloof 6:30pm-9:20pm TTH CAA-210

**ART-15  Color Theory 3.00 UNITS**

Principles, theories, and applications of additive and subtractive color in two dimensions. Topics include major historical and contemporary color systems, production of projects in applied color, and the elements of design as they apply to color. (C-ID ARTS 270)

Materials Fee: $4.00  Transfer: CSU

Grading: Letter grade only

J.Rochlin 3:30pm-6:20pm TTH CAB-102

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**FEE REFUNDS**

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

See page 15 for more information on the refund policy and processes.

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**CREDIT CARD USERS**

*(VISA, MASTERCARD, AMERICAN EXPRESS AND DISCOVER)*

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

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Additional sections of some classes may be available; check the Chino, Fontana, Ontario High School, and Online/Hybrid sections.
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<th>SECTION #</th>
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<tr>
<td>ART-16</td>
<td>Introduction to Painting</td>
<td>3.00 UNITS</td>
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</table>
| 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: $4.00 
Grading: Letter grade only
| 84475 S.Maing | 12:30pm-3:20pm | MW | CAB-101 |
| 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: $4.00 
Grading: Letter grade only
| 84477 S.Hunter | 9:30am-12:20pm | MW | CAC-107 |
| ART-20    | Ceramic Sculpture | 4.00 UNITS |       |       |
| Introduction to three-dimensional (3D) design, sculptural processes, concepts, and materials with the emphasis on clay. 
Materials Fee: $5.00 
Grading: Letter grade only
| 84491 S.Hunter | 9:30am-12:20pm | TTH | CAC-107 |
| 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. (C-ID ARTS 200) 
Materials Fee: $4.00 
Grading: Letter grade only
| 84492Valfer | 9:30am-3:20pm | F | CAB-102 |
| ART-32    | Intermediate Drawing | 4.00 UNITS |       |       |
| Prerequisite: ART-14. 
Artistic concepts, styles, and creative expression related to intermediate-level drawing. Focus on complex subject matter and concepts using a variety of drawing mediums, techniques, and methodologies. Students are encouraged to develop work for a portfolio. (C-ID ARTS 205) 
Materials Fee: $4.00 
Grading: Letter grade only
| 84469 J.Hutchins | 12:30pm-3:20pm | MW | CAB-102 |
| ART-35    | Intermediate Ceramics | 3.00 UNITS |       |       |
| Prerequisite: ART-18. 
Performance of tasks and procedures designed to further the student’s ability to understand and manipulate clay and glazes and the types of kiln firings. 
Materials Fee: $4.00 
Grading: Letter grade only
| 84484 D.Ross | 7:00pm-9:50pm | MW | CAC-107 |

**JUST A REMINDER**
**FOOD AND DRINK ARE NOT APPROPRIATE IN FORMAL INSTRUCTIONAL AREAS.**
**UNDER NO CIRCUMSTANCES IS FOOD OR DRINK PERMITTED AT COMPUTER LAB STATIONS.**

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

**ARTH-1 Contemporary Art: 1945-Present**  
3.00 UNITS  
Advisory: Completion of ENGL-1A.  
Historical survey of the diverse artistic movements from the end of WWII to the present, tracing the discourse of late modernism to postmodernism.  
Materials Fee: $2.00  
Grading: Letter grade only

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### Astronomy (ASTRON)

**ASTRON-26 Stars and Galaxies**  
3.00 UNITS  
Advisory: Completion of MATH-410.  
Overview of the universe beyond our solar system.  
Materials Fee: $2.00  
Grading: Letter grade only

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### Additional sections of some classes may be available; check the Chino, Fontana, Ontario High School, and Online/Hybrid sections.
AUTOTEC-10 Service and Repair 4.00 UNITS
Introduction to the automotive service industry. Basic principles of the operation of engines, transmissions, driveline, steering, suspension and braking systems, and heating and air conditioning systems.
Materials Fee: $5.00  
Grading: Letter grade only  
Transfer: CSU

AUTOTEC-15 Automotive Electricity and Electronics 2.00 UNITS
Basic automotive electricity and electronics. Diagnosis of typical automotive electrical concerns using wiring diagrams and schematics. Emphasis on the use of digital multimeters for troubleshooting.
Materials Fee: $0.00  
Grading: Letter grade only  
Transfer: CSU

AUTOTEC-423 Engine Management Systems and Drivability 4.00 UNITS
Prerequisite: AUTOTEC-422
Computer control of the ignition, fuel, and emissions systems. Emphasis on diagnosis and correction of conditions affecting engine performance. This course - together with AUTOTEC-422 - prepares students to take the ASE A8 Technician Certification exam or the BAR California A8 Equivalent exam.
Materials Fee: $5.00  
Grading: Letter grade only

AUTOTEC-429 Advanced Automotive Electrical Systems 4.00 UNITS
Prerequisite: AUTOTEC-15 or 455.
Operation and service of automotive electrical systems. Emphasis on wiring diagrams and using test equipment to diagnose electrical/electronic systems. Supports the ASE A6 Exam.
Materials Fee: $0.00  
Grading: Letter grade only

AVIATION MAINTENANCE ENTRY INFORMATION
Visit Chaffey's AMT web page at www.chaffey.edu/bat/aviation/index.shtml for information regarding the steps required prior to entry into the AMT program. Informational AMT flyers are also available in the Counseling department.

AMT-15 Introduction to Aviation Maintenance for Airframe and Powerplant 14.00 UNITS
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  
Transfer: CSU
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<td>Corequisite: AMT-15 (may be taken previously).</td>
<td>General Aeronautics laboratory that fulfills FAA practical aeronautical applications lab hours in aerodynamics, FAA and manufacturer’s publication, aircraft materials and processes, blueprint reading, aircraft servicing and mathematics. Materials Fee: $0.00. Transfer: CSU. Grading: Letter grade only</td>
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<td>General aeronautics laboratory that fulfills FAA practical aeronautical applications lab hours in physics, weight and balance, electricity and mathematics. Materials Fee: $0.00. Transfer: CSU. Grading: Letter grade only</td>
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<td>Corequisite: AMT-15 (or AMT-12).</td>
<td>Theory, fundamentals, construction, maintenance and operation of reciprocating/turbojet aircraft engines and related training for the FAA Powerplant maintenance technician’s license. Lab emphasizes engine repair, overhaul, installation and operation. Materials Fee: $0.00. Transfer: CSU. Grading: Letter grade only</td>
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<td>AMT-26</td>
<td>Powerplant: Engine Instrumentation, Lubrication, and Electrical Systems</td>
<td>7.00 UNITS</td>
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<td>Corequisite: AMT-15 (or AMT-12).</td>
<td>Aircraft reciprocating engine instrumentation, lubrication systems, electrical and ignition systems. Lab emphasizes reciprocating engine instrumentation and ignition systems overhaul, repair, installation and operation. Materials Fee: $0.00. Transfer: CSU. Grading: Letter grade only</td>
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<td>AMT-28A</td>
<td>Powerplant: Reciprocating Engine Inspection</td>
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<td>Corequisite: AMT-15 (or AMT-12).</td>
<td>Powerplant laboratory course to fulfill FAA practical applications relating to aircraft reciprocating engine inspection, airworthiness directives, and type certificate data sheet compliance. Projects include reciprocating engine on-wing inspection (50 and 100 hour) for continued airworthiness, airworthiness directive and type certificate data sheet compliance. Materials Fee: $0.00. Transfer: CSU. Grading: Letter grade only</td>
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**Visit our website at [www.chaffey.edu](http://www.chaffey.edu) for application and registration information.**

Additional sections of some classes may be available; check the Chino, Fontana, Ontario High School, and Online/Hybrid sections.
AMT-38C  Airframe Structure: Secondary Systems  1.00 UNITS

Prerequisite: AMT-15 (or AMT-12).
Corequisite: AMT-37 (may be taken previously).
Airframe laboratory course to fulfill FAA practical applications relating to the proper inspection, operation, and repair of fire-warning/fire extinguishing systems, ice warning systems, and anti-skid systems.
Materials Fee: $0.00  Transfer: CSU  Grading: Letter grade only

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BIOL-1  General Biology  4.00 UNITS
Introduction to the major themes and principles in biology. Topics range from molecules to the ecosystem.
Materials Fee: $2.00  Transfer: CSU; UC credit limitations
Grading: Letter grade only

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

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

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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: $1.00  Transfer: CSU; UC credit limitations
Grading: Letter grade only

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GoSmart Program
A required transportation fee of $7.50 for students registered in six (6) or more units and $7.00 for students registered in less than six (6) units in the Fall and Spring semesters allows students to ride all of Omnitrans’ fixed route bus services at no charge during the semester by using their Student ID card. Additionally, students enrolled in the Spring semester are eligible for bus services during the subsequent Summer term at no additional cost.
### BIOL-20  Human Anatomy  4.00 UNITS

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

Study of the microscopic and macroscopic structures of the human body from cellular to organ system levels of organization. Course is intended for biology, general education, kinesiology and health related majors.

Materials Fee: $1.00  
Transfer: CSU; UC

Grading: Letter grade only

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(more sections at Chino)

### BIOL-22  Human Physiology  4.00 UNITS

**Prerequisite:** BIOL-20, and CHEM-9 or 10 or 1 year of high school chemistry.

Physiological principles, function, integration and homeostasis of the human body at the cellular, tissue, organ system, and organism level. Lab exercises emphasize experimentation and scientific reasoning.

Materials Fee: $1.00  
Transfer: CSU; UC

Grading: Letter grade only

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(more sections at Chino)

### BIOL-23  General Microbiology  3.00 UNITS

**Prerequisite:** BIOL-22 or 61.

Introduction to microbiology with strong emphasis on microorganisms pathogenic to humans.

Materials Fee: $1.00  
Transfer: CSU; UC

Grading: Letter grade only

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(more sections at Chino)

### BIOL-23L  General Microbiology Laboratory  2.00 UNITS

**Corequisite:** BIOL-23 (may be taken previously).

Introduction to microbiology laboratory techniques. Methods of culturing, staining, biochemically analyzing, and classifying microorganisms. NOTE: Attendance ON TIME at the first class meeting is MANDATORY!

Materials Fee: $2.00  
Transfer: CSU; UC

Grading: Letter grade only

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(more sections at Chino)

### BIOL-30  Beginning Medical Terminology  3.00 UNITS

Applied medical etymology including the origin, correct spelling, pronunciation, meaning, and current usage of common medical terms.

Materials Fee: $1.00  
Transfer: CSU

Grading: Letter grade only

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(more sections at Chino and Fontana)

### BIOL-61  Introduction to Cell and Molecular  5.00 UNITS

**Biology**

**Prerequisite:** CHEM-10 or 1 year of high school chemistry, and eligibility for MATH-25 or higher level math as determined by the Chaffey assessment process, or completion of MATH-425.

**Advisory:** Completion of ENGL-1A.

Introduction to cell and molecular biology emphasizing biochemical, structural, metabolic, and genetic aspects of cells. Lab uses instrumentation, techniques & data analysis relevant to cell and molecular biology. (C-ID BIOL 190)

Materials Fee: $3.00  
Transfer: CSU; UC

Grading: Letter grade only

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

### FEE PAYMENTS

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

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

For more detailed information, see the Payment Deadline information on pages 13-15 and Payment Date Due Chart on page 17.
**Broadcasting (BRDCAST)**

(Also see Cinema)  
909/652-6066

**BRDCAST-3  Introduction to Electronic Media**  3.00 UNITS  
Survey of the history, development, and importance of radio, television broadcasting and electronic media, including international events. Introduces the aesthetic, cultural, political, social, ethical, and occupational impact of electronic media.

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**BIOL-62  Biology of Organisms**  5.00 UNITS  
Prerequisite: BIOL-61.  
An introduction to the origin and evolution of life on earth, emphasizing systematics, anatomy, physiology, and development. (C-ID BIOL 140)  
Materials Fee: $2.00  
Transfer: CSU; UC  
Grading: Letter grade only

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**BIOL-63  Evolutionary Ecology**  4.00 UNITS  
Prerequisite: BIOL-61.  
Introduction to the principles, theories, and methods of evolutionary ecology, applied to systems ranging from organisms to ecosystems. Course includes one or more overnight field trips. (C-ID BIOL 130S, when combined with BIOL-62)  
Materials Fee: $2.00  
Transfer: CSU; UC  
Grading: Letter grade only

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**BIOL-424  Anatomy and Physiology**  3.00 UNITS  
Advisory: Completion of BIOL-30.  
Human anatomy and physiology with emphasis on the structures and functions of the organ systems. Course is primarily intended for students entering related vocational programs.

Materials Fee: $1.00  
Grading: Letter grade only

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**BIOL-424L  Anatomy and Physiology Laboratory**  1.00 UNITS  
Corequisite: BIOL-424 (may be taken previously).  
Advisory: Completion of BIOL-30.  
Lab investigation of anatomy and physiology of organ systems, from cell through system levels. Course is primarily intended for students entering related vocational programs.

Materials Fee: $1.00  
Grading: Letter grade only

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**BRDCAST-50  Beginning Single Camera Production**  3.00 UNITS  
Advisory: Knowledge of Macintosh computer keyboarding is recommended.  
Introduction to the theory, terminology, and operation of high definition single camera video production, including composition and editing techniques, camera operation, portable lighting, video recorder operation, audio control and basic editing.

Materials Fee: $3.00  
Grading: Letter grade only

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**BRDCAST-51  Beginning Single Camera Production**  3.00 UNITS  
Advisory: Knowledge of Macintosh computer keyboarding is recommended.  
Introduction to the theory, terminology, and operation of high definition single camera video production, including composition and editing techniques, camera operation, portable lighting, video recorder operation, audio control and basic editing.

Materials Fee: $3.00  
Grading: Letter grade only

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**BUS-10  Introduction to Business**  3.00 UNITS  
Multidisciplinary examination of how culture, society, economic systems, legal, international, political, financial institutions, and human behavior interact to affect a business organization’s policy and practices within the U.S. and a global society. (C-ID BUS 110)  
Materials Fee: $0.00  
Transfer: CSU; UC  
Grading: Letter grade only

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**Business (BUS)**  
(Also see Business Law and Paralegal)  
909/652-6830

**BRDCAST-60  Beginning Single Camera Production**  3.00 UNITS  
Advisory: Basic computer skills are recommended.  
Theory, terminology and operation of a multi-camera studio and control room.  
Students coordinate cameras and on-screen performers, and collaborate with production crew members and master control-room personnel to produce, direct, and edit multi-camera studio productions.

Materials Fee: $10.00  
Transfer: CSU  
Grading: Letter grade only

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**BRDCAST-67  Beginning Radio Production**  3.00 UNITS  
Theory and application of audio production techniques for radio. Production of live radio broadcasts on Chaffey College radio and automated media programming.

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

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**BRDCAST-70  Postproduction for Broadcasting And Cinema**  3.00 UNITS  
Students assemble and create a broadcasting and/or cinematic story. Other post production topics include editing workflows, audio sweetening, title sequences, keying, color grading, picture lock and mastering processes.

Materials Fee: $25.00  
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 Online/Hybrid sections.**
BUS-28A  Business Law I  3.00 UNITS
U.S. and state law, Uniform Commercial Code, agency, due process, contract and tort law, crime, and ethics. Application of appropriate rules, laws, and concepts to factual scenarios in written and oral arguments. (C-ID BUS 125)
Materials Fee: $0.00  Transfer: CSU; UC credit limitations
Grading: Letter grade only

85882 A.Chen  8:00am-9:20am  MW  BE-103
85889 V.Julien-Peto  9:00am-12:00pm  S  BE-111
85890 D Karp  9:30am-10:50am  TTH  WH-142
85886 A.Chen  2:00pm-3:20pm  TTH  BE-103
85888 R.Gilbert  7:00pm-9:50pm  W  BE-105
(more sections at Chino)

BUS-28B  Business Law II  3.00 UNITS
Prerequisite: BUS-28A.
Commercial paper, creditors' rights, secured transactions, agency, employment, partnerships, corporations, property, and regulations. Application of rules, laws, and concepts to scenarios in written and oral arguments.
Materials Fee: $0.00  Transfer: CSU; UC credit limitations
Grading: Letter grade only

85893 A.Chen  11:00am-12:20pm  TTH  BE-103

BUS-49  Business Decisions Using Basic Quantitative Tools  3.00 UNITS
Business and management decision-making using basic quantitative tools. Students must supply their own business calculator.
Materials Fee: $0.00  Transfer: CSU
Grading: Letter grade only

85895 G.Carlson  7:00pm-9:50pm  W  BE-113
85899 A.McDaniel-Smith  5:30pm-6:50pm  TTH  BE-111

BUS-60  Business Ethics  3.00 UNITS
Systems approaches for responsible, practical, defendable decisions. Value-based strategies, systemic implementation of socially responsible tools, and integration of ethics into workplace operations.
Materials Fee: $0.00
Grading: Letter grade only

85901 C.Dickerson  8:00am-9:20am  TTH  BE-111
85899 A.McDaniel-Smith  5:30pm-6:50pm  TTH  BE-111

BUS-61  Introduction to Global Business  3.00 UNITS
Examine the operation and performance of multinational corporations. Analyze social, cultural, legal, environmental, political, technological, and competitive trends within international business.
Materials Fee: $0.00
Grading: Letter grade only

85903 T.Brusselle  9:30am-10:50am  MW  BE-111
85904 T.Brusselle  7:00pm-9:50pm  M  BE-111

BUS-88  Business Communication  3.00 UNITS
Prerequisite: ENGL-1A.
Develop writing fluency, professional tone, and the use of proper grammar to produce clear, correct and logically-organized business communications, both written and oral. (C-ID BUS 115)
Materials Fee: $3.00  Transfer: CSU
Grading: Letter grade only

85916 P.Worsham  11:00am-12:20pm  MW  BE-113
(more sections online)

BUSL-10  Introduction to Law and the Legal Process  3.00 UNITS
Prerequisite: Eligibility for ENGL-1A as determined by the Chaffey assessment process, or completion of ENGL-475 or ESL-475.
Exploration of the roles of the law, courts and participants in our legal system. Analysis of substantive laws - from torts and contracts to consumer protection and civil rights - and their effects.
Materials Fee: $0.00  Transfer: CSU
Grading: Letter grade only

85905 D.Karp  11:00am-12:20pm  TTH  BE-105

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

85921 G.Bozer  7:00pm-9:50pm  T  BE-103

BUSMGT-14  Transportation Management  3.00 UNITS
Traffic management principles and techniques that facilitate distribution of the world’s commerce.
Materials Fee: $0.00
Grading: Letter grade only

85924 C.Burnley  7:00pm-9:50pm  T  BE-103

BUSMGT-40  Introduction to Management  3.00 UNITS
Management concepts, functions, and skills applicable to work environments. Application of management theory to practices that improve effectiveness and efficiency, and enhance national and international competitiveness.
Materials Fee: $0.00
Grading: Letter grade only

85923 T.Brusselle  9:30am-10:50am  TTH  BE-111
85927 T.Brusselle  11:00am-12:20pm  MW  BE-111
85925 A.Chen and
Online hours  12:30pm-1:50pm  TTH  BE-103
08/17/15-12/18/15  INET
08/17/15-12/18/15  Last day to add: 08/24/15
Section 85925: Hybrid class: see page 160 for more info.
85930 STAFF  6:00pm-9:00pm  F  BE-111
85924 C.Burnley  7:00pm-9:50pm  M  BE-101

PRIORITY REGISTRATION
Priority registration has been legally mandated for the following student groups:

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

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

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

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<tr>
<td>BUSMKT-13</td>
<td>Professional Selling</td>
<td>3.00 UNITS</td>
<td>Techniques used to sell ideas, products and services. Tactics for prospecting, sales planning, securing appointments, presentation preparation and closing strategies, follow-up, and managing a sales territory. Materials Fee: $0.00 Transfer: CSU Grading: Letter grade only</td>
<td></td>
</tr>
<tr>
<td>85971 A.McDaniel-Smith</td>
<td>7:00pm-9:50pm</td>
<td>T</td>
<td>BE-113</td>
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### Business: Paralegal Studies (BUSPL)

<table>
<thead>
<tr>
<th>SECTION #</th>
<th>INSTRUCTOR</th>
<th>HOURS</th>
<th>DAYS</th>
<th>ROOM</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUSPL-400</td>
<td>Introduction to Paralegal Studies</td>
<td>3.00 UNITS</td>
<td>Relationships between paralegals, attorneys, and clients. Career options, ethics, investigations, litigation assistance, legal research and writing, computer use, and general law office administration. Materials Fee: $0.00 Grading: Letter grade only</td>
<td></td>
</tr>
<tr>
<td>86157 A.Chen</td>
<td>9:30am-10:50am</td>
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<tr>
<td>86160 V.Lopez-Conover</td>
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<tr>
<td>(more sections at Fontana)</td>
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</table>

### Unit Limit

Students exceeding 100 units earned (excluding 500-level courses) lose their registration priority.

Per California Community College state regulatory changes. See www.chaffey.edu/student-success for more info.
### BUSOT-40A  Beginning Computer Keyboarding  3.00 UNITS
Beginning computer keyboarding with mastery of alphabetic and numeric keyboard and correct touch-typing techniques. Introduction to the personal computer, word processing, and disk management.

<table>
<thead>
<tr>
<th>SECTION #</th>
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<tr>
<td>86198 STAFF</td>
<td>8:00am-9:20am</td>
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<tr>
<td>86211 M.Tardiff</td>
<td>11:00am-12:20pm</td>
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<tr>
<td>86213 M.Tardiff</td>
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<tr>
<td>86200 S.Escalante</td>
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<tr>
<td>86191 D.Soll</td>
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Grading: Letter grade only
Materials Fee: $3.00  Transfer: CSU

### 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.

<table>
<thead>
<tr>
<th>SECTION #</th>
<th>INSTRUCTOR</th>
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<tr>
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<td>86236 J.Osgood</td>
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<tr>
<td>86239 C.Ayala</td>
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</tr>
</tbody>
</table>

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

### 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.

<table>
<thead>
<tr>
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<td>86262 M.Santini</td>
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<td>M</td>
<td>BE-106</td>
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</tbody>
</table>

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

### 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.

<table>
<thead>
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<td>BE-106</td>
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</table>

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

### 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.

<table>
<thead>
<tr>
<th>SECTION #</th>
<th>INSTRUCTOR</th>
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<tr>
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</table>

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

### BUSOT-61  Microsoft Office PowerPoint  1.50 UNITS
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.

<table>
<thead>
<tr>
<th>SECTION #</th>
<th>INSTRUCTOR</th>
<th>HOURS</th>
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<tr>
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<td>86276 J.Osgood</td>
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<td>86270 J.Osgood</td>
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<td>SU</td>
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</table>

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

### BUSOT-62  Microsoft Office Outlook  1.50 UNITS
Advisory: Completion of BUSOT-40A or a minimum typing speed of 20 words per minute.
Electronic information management of e-mail; appointments; conferences, and task scheduling; and integration of other software applications to manage work flow.

<table>
<thead>
<tr>
<th>SECTION #</th>
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<th>DAYS</th>
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<tr>
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</table>

Grading: Letter grade only
Materials Fee: $3.00  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.

<table>
<thead>
<tr>
<th>SECTION #</th>
<th>INSTRUCTOR</th>
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<th>ROOM</th>
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<tr>
<td>86268 D.Henderson</td>
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<tr>
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</tr>
</tbody>
</table>

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

### Additional Sections
Many Business and Office Technology courses are taught online. See the Hybrid/Online area of this schedule for additional classes.

Many Business and Office Technology courses are taught online. 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>BUSOT-64A</td>
<td>Microsoft Office Access - Specialist</td>
<td>1.50 UNITS</td>
<td>Advisory: Completion of BUSOT-60A. Create and use electronic databases and design queries, forms, and reports to effectively display data records that can be used in making business decisions. Materials Fee: $0.00</td>
<td>Transfer: CSU</td>
</tr>
<tr>
<td>BUSOT-64B</td>
<td>Microsoft Office Access - Expert</td>
<td>1.50 UNITS</td>
<td>Advisory: Completion of BUSOT-64A. Mastery of core and advanced features of Access databases in working with databases, tables, reports, forms, and queries, and integration with other software. Materials Fee: $0.00</td>
<td>Transfer: CSU</td>
</tr>
<tr>
<td>BUSOT-400</td>
<td>Job Search and Interviewing Techniques</td>
<td>1.50 UNITS</td>
<td>Advisory: Completion of BUSOT-60A. Strategies to organize a job search, prepare a marketable resume and letter of application, create a career portfolio, respond to frequently asked interview questions, and practice successful interviewing techniques. Materials Fee: $4.00</td>
<td></td>
</tr>
<tr>
<td>BUSOT-410A</td>
<td>Microsoft Office Publisher - Specialist</td>
<td>1.50 UNITS</td>
<td>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: $1.00</td>
<td>Transfer: CSU; UC credit limitations</td>
</tr>
<tr>
<td>BUSOT-410B</td>
<td>Microsoft Office Publisher - Expert</td>
<td>1.50 UNITS</td>
<td>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: $1.00</td>
<td>Transfer: CSU; UC credit limitations</td>
</tr>
<tr>
<td>BUSOT-452</td>
<td>Office Financial Recordkeeping</td>
<td>3.00 UNITS</td>
<td>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</td>
<td></td>
</tr>
<tr>
<td>BUSOT-455</td>
<td>Fundamentals of English for Business</td>
<td>3.00 UNITS</td>
<td>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</td>
<td></td>
</tr>
<tr>
<td>BUSOT-460</td>
<td>Proofreading: Text-Editing Skills</td>
<td>3.00 UNITS</td>
<td>Advisory: Completion of or concurrent enrollment in BUSOT-60A and 455. Develop essential skills needed to perform proofreading and text-editing functions for the automated office. Emphasis on formatting and accuracy of input using word processing software and office reference manuals. Materials Fee: $3.00</td>
<td></td>
</tr>
<tr>
<td>BUSOT-470</td>
<td>Office Systems and Procedures</td>
<td>3.00 UNITS</td>
<td>Advisory: Completion of BUSOT-60A and 460. Emphasis on work procedures, technology in the office, stress- and time-management techniques, teamwork, customer service, event planning, office ethics and etiquette, and business travel arrangements. Materials Fee: $3.00</td>
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**Chemistry (CHEM)**

<table>
<thead>
<tr>
<th>SECTION #</th>
<th>INSTRUCTOR</th>
<th>HOURS</th>
<th>DAYS</th>
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</thead>
<tbody>
<tr>
<td>CHEM-7</td>
<td>Chemistry in Everyday Life With Lab</td>
<td>4.00 UNITS</td>
<td>Advisory: Completion of MATH-520, or eligibility for MATH-410 as determined by the Chaffey assessment process, or one year of high school algebra. Introduction to scientific measurements, the scientific method, and the application of chemical principles to everyday life. Course includes laboratory activities. Materials Fee: $1.00</td>
<td>Transfer: CSU</td>
</tr>
<tr>
<td>CHEM-9</td>
<td>Health Science Chemistry</td>
<td>5.00 UNITS</td>
<td>Advisory: Eligibility for Mathematics 425 as determined by the Chaffey assessment process, or completion of Mathematics 410 or 401. Introduction to the principles of chemistry, including inorganic chemistry, organic chemistry, and biochemistry. Intended for health science students; not a science major course. Materials Fee: $1.00</td>
<td>Transfer: CSU; UC credit limitations</td>
</tr>
</tbody>
</table>

**UNIT LIMIT**

Students exceeding 100 units earned (excluding 500-level courses) lose their registration priority.

Per California Community College state regulatory changes. See www.chaffey.edu/student-success for more info.
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: $1.00
Transfer: CSU; UC credit limitations
Grading: Letter grade only

<table>
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<tbody>
<tr>
<td>84715</td>
<td>M.Hamza</td>
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<td>MW</td>
<td>ZH-122</td>
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<tr>
<td>and</td>
<td></td>
<td>9:30am-12:20pm</td>
<td>M</td>
<td>CHEM-125</td>
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<tr>
<td>84716</td>
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<td>and</td>
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<td>CHEM-125</td>
</tr>
<tr>
<td>84713</td>
<td>K.Kupeccz</td>
<td>8:00am-9:20am</td>
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<td>and</td>
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<td>9:30am-12:20pm</td>
<td>T</td>
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<td>TTH</td>
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<td>9:30am-12:20pm</td>
<td>TH</td>
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<tr>
<td>84718</td>
<td>S.Lim</td>
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<td>and</td>
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<tr>
<td>84722</td>
<td>STAFF</td>
<td>4:00pm-5:20pm</td>
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<td>and</td>
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<tr>
<td>84720</td>
<td>R.Choppi</td>
<td>5:30pm-6:50pm</td>
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<td>and</td>
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<tr>
<td>84724</td>
<td>E.Shweikeh</td>
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<td>7:00pm-9:50pm</td>
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<td>CHEM-125</td>
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</table>

(MyChaffey Portal)

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

CHEM-12  Elementary Organic and Biochemistry  4.00 UNITS
Prerequisite: CHEM-10. Survey course in organic and biochemistry. Intended for health science students; not a science major course. (C-ID CHEM 102)
Materials Fee: $1.00
Grading: Letter grade only

<table>
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<th>SECTION #</th>
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<th>HOURS</th>
<th>DAYS</th>
<th>ROOM</th>
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<td>and</td>
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<td>CHEM-103</td>
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<tr>
<td>84727</td>
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<td>and</td>
<td></td>
<td>7:00pm-9:50pm</td>
<td>W</td>
<td>CHEM-103</td>
</tr>
</tbody>
</table>

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: $2.00
Grading: Letter grade only

<table>
<thead>
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<th>SECTION #</th>
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<th>HOURS</th>
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<td>ZH-122</td>
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<td>and</td>
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<td>11:00am-1:50pm</td>
<td>MW</td>
<td>CHEM-117</td>
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<tr>
<td>84735</td>
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<td>PS-112</td>
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CHEM-24B  General Chemistry II  5.00 UNITS
Prerequisite: CHEM-24A.
Advisory: Completion of or concurrent enrollment in MATH-25.
Second semester General Chemistry for Science and Engineering students. Topics include: kinetics, equilibrium, acid/base/buffers, thermodynamics, electrochemistry, nuclear chemistry, descriptive chemistry, and organic chemistry. Laboratory provides hands-on activities to reinforce lecture concepts, develop chemical laboratory techniques, and use the scientific methods of inquiry. (C-ID CHEM 120S)
Materials Fee: $1.00
Grading: Letter grade only

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Chemistry of aliphatic and aromatic hydrocarbons, including their structure, properties, reactions mechanisms, and spectroscopy. Lab work emphasizes the techniques of organic synthesis, separation, purification, and characterization. (C-ID CHEM 150 and 160S)

Materials Fee: $7.00  Transfer: CSU; UC
Grading: Letter grade only

SECTION #        INSTRUCTOR HOURS DAYS                                ROOM
84744 S. Tjandra           8:00am-9:50am  TTH   ZH-122
84743 S. Tjandra           8:00am-9:50am  TTH   ZH-122

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

Materials Fee: $7.00  Transfer: CSU; UC
Grading: Letter grade only

Supplemental Instruction (SI) is a series of weekly study sessions facilitated by a trained student leader. Attendance is voluntary and open to anyone enrolled in the selected courses. The study sessions help students improve understanding of course material, develop study strategies, and prepare for tests.

Call 909/652-6260 for more information.
CDE-4  Child, Family and Community  3.00 UNITS
Advisory: Proof of a negative tuberculosis test within the past 12 months may be required for some site visits.
An examination of the developing child in a societal context, focusing on the interrelationship of family, school and community and emphasizing historical and socio-cultural factors. (C-ID CDEV 110)
Materials Fee: $0.00  Transfer: CSU; UC
Grading: Letter grade only
85001  G. Lanz  11:00am-2:30pm  MW  CD-124A
10/19/15-12/09/15  Last day to add: 12/15/15
SECT 85001: Fast Track class; see pages 178-184 for more info.
85002  K. Knight  3:30pm-4:50pm  TTH  CD-124B
85003  M. Merjil  6:00pm-8:50pm  F  CD-124A
(more sections at Fontana)

CDE-5  Health, Safety and Nutrition  3.00 UNITS
Advisory: Cardio-Pulmonary Resuscitation (CPR) and first aid training are recommended. Proof of a negative tuberculosis test within the past 12 months may be required for some site visits.
Introduction to the laws, regulations, standards, policies and procedures, and early childhood curriculum related to child health, safety and nutrition. (C-ID ECE 220)
Materials Fee: $0.00  Transfer: CSU
Grading: Letter grade only
85010  L. Blackman  12:30pm-1:50pm  TTH  CD-124B
85006  L. Blackman  2:00pm-4:50pm  T  CD-124A
(more sections at Fontana)

CDE-6  Teaching in a Diverse Society  3.00 UNITS
Advisory: Proof of a negative tuberculosis test within the past 12 months may be required for some site visits.
Examination of the development of social identities in diverse societies including theoretical and practical implications of oppression and privilege as they apply to young children, families, programs, classrooms, and teaching. (C-ID ECE 230)
Materials Fee: $0.00  Transfer: CSU
Grading: Letter grade only
85021  G. Lanz  9:30am-10:50am  MW  CD-124A
85023  M. Merjil  1:00pm-3:50pm  S  CD-124A
(more sections at Fontana)

CDE-7  Curriculum Development: The Creative Arts  3.00 UNITS
Limitation on Enrollment: Proof of a negative tuberculosis test within the past 12 months may be required for some site visits.
Introduction to the Creative Arts for young children including storytelling, language, visual arts, drama, music, and dance. Theories and techniques to develop children’s creative abilities.
Materials Fee: $0.00  Transfer: CSU
Grading: Letter grade only
85027  S. Lord  7:00pm-9:50pm  TH  CD-124B

CDE-23  Introduction to Children With Special Needs  3.00 UNITS
Prerequisite: CDE-2.
Advisory: Proof of a negative tuberculosis test within the past 12 months may be required.
Presentation of different types of physical and behavioral difficulties that interfere with normal cognitive, social, and emotional growth.
Materials Fee: $0.00  Transfer: CSU
Grading: Letter grade only

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: $0.00  Transfer: CSU
Grading: Letter grade only
85008  L. Marcotte  5:00pm-6:50pm  M  CD-124A

CDE-24W  Practicum I: Supervised Occupational Work Experience  1.00 UNITS
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: $0.00  Transfer: CSU
NOTE: Students must be available three hours per day, two days per week (Monday through Friday), between 9:00am and 12:00pm for participation in practicum activities. Specific days and job site location assignments are provided in the first week of instruction.
Grading: Letter grade only
85014  L. Marcotte  60-75 hrs. arranged hours work experience  OTHR
08/17/15-12/18/15  Last day to add: 08/24/15

CDE-25  Advanced Curriculum Theory  2.00 UNITS
Principles and Practices
Limitation on Enrollment: Proof of a negative tuberculosis test within the past 12 months is required.
Prerequisite: CDE-1, 2, 4, 24 and 24W.
Corequisite: CDE-25W.
Advanced principles and practices of curriculum theory of early childhood growth and development, and their application through student teaching. (C-ID ECE 210 when combined with CDE-25)
Materials Fee: $0.00  Transfer: CSU
Grading: Letter grade only
85018  L. Marcotte  5:00pm-6:50pm  W  CD-124A

CDE-25W  Practicum II: Supervised Occupational Work Experience  1.00 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-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: $0.00  Transfer: CSU
Grading: Letter grade only
85019  L. Marcotte  60-75 hrs. arranged hours work experience  OTHR
08/17/15-12/18/15  Last day to add: 08/24/15

Additional sections of some classes may be available; check the Chino, Fontana, Ontario High School, and Hybrid/Online sections.
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: $4.00
Grading: Letter grade only
85004 J.Bollman 8:00am-9:20am TTH CD-124B

CDE-416 Brain Research and the Implications for Classroom Teaching 3.00 UNITS
Advisory: Completion of CDE-2. Proof of a Negative tuberculosis test within the past 12 months may be required for some site visits.
Introduction to a child’s brain physiology and function. Brain research and its relevance to education. Learning and memory, stress and drugs, emotional and intellectual functioning, and gender differences.
Materials Fee: $0.00
Grading: Letter grade only
85005 L.Marcotte 7:00pm-9:50pm M CD-124A

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
84039 E.Lee 12:00pm-1:50PM MW LA-104
84042 M.Liu 2:00pm-3:50pm MW TA-1H
84043 M.Liu 4:00pm-5:50pm MW TA-1H
83929 J.Liu 6:00pm-9:50pm W TA-1H

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
83926 J.Liu 10:00am-11:50am TTH LA-101

CHIN-3 Intermediate Mandarin Chinese I 4.00 UNITS
Prerequisite: CHIN-2 or two years of high school Chinese.
Third semester of Mandarin Chinese focusing on idioms, more advanced grammar, and the continued development of conversation, reading, and writing skills. Ten hours of supplemental learning in a Success Center that supports this course is required.
Materials Fee: $4.00
Grading: Letter grade only
83928 J.Liu 2:00pm-3:50pm TTH TA-1H

CHIN-18 Chinese Civilization and Culture 3.00 UNITS
General introduction to the basic components of Chinese culture as it has developed over the last five thousand years.
Materials Fee: $4.00
Transfer: CSU; UC
Grading: Letter grade only
83927 J.Liu 12:30pm-1:50pm TTH TA-1H

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

CINEMA-20 Screenwriting - Cinema 3.00 UNITS
Comprehensive overview of scriptwriting for motion pictures and cinematic formats. Students employ writing theory and critical analysis of classical literature to formulate story ideas, development storytelling techniques, and write polished scripts.
Materials Fee: $3.00
Transfer: CSU
Grading: Letter grade only
84282 D.Jacobo 3:30pm-4:30pm MW CAA-218

CINEMA-25 Survey of World Cinemas 3.00 UNITS
Historical introduction to motion pictures as an art form, through the viewing of international cinematic works.
Materials Fee: $1.00
Transfer: CSU; UC
Grading: Letter grade only
84284 D.Jacobo 5:00pm-7:50pm TH CAA-218
84286 J.Berry 6:00pm-9:00pm F CAA-218
84290 STAFF 7:00pm-10:30pm MW CAA-218
10/19/15-12/09/15 Last day to add: 10/22/15
SECT 84290: Fast Track class; see pages 178-184 for more info.
(more sections at Chino)

CINEMA-26 Survey of American Cinema 3.00 UNITS
Survey of American cinema from silent classics through contemporary commercial films.
Materials Fee: $1.00
Transfer: CSU; UC
Grading: Letter grade only
84296 D.Schroeder 9:00am-12:00pm S CAA-218
84292 J.Hill Jr 7:00pm-10:30pm MW CAA-218
08/17/15-10/07/15 Last day to add: 08/24/15
SECT 84292: Fast Track class; see pages 178-184 for more info.
(more sections at Chino and Fontana)

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

Additional sections of some classes may be available; check the Chino, Fontana, Ontario High School, and Hybrid/Online sections.
### 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: $4.00  
Grading: Letter grade only  
Transfer: CSU; UC

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**COMSTD-4  Fundamentals of Interpersonal Communication 3.00 UNITS**  
Advisory: Completion of ENGL-1A.  
In-depth exploration of the variables of interpersonal communication processes as they occur in day-to-day, face-to-face human interaction. Oral assignments are required. (C-ID COMM 130)  
Materials Fee: $4.00  
Grading: Letter grade only  
Transfer: CSU

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

### COMSTD-6 Fundamentals of Small Group Communication 3.00 UNITS  
Advisory: Eligibility for ENGL-1A as determined by the Chaffey assessment process, or completion of ENGL-475 or ESL-475.  
Develop confidence and competence as a group member and leader through a combination of theoretical and practical application of small group principles in everyday life. (C-ID COMM 140)  
Materials Fee: $4.00  
Grading: Letter grade only  
Transfer: CSU; UC

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**COMSTD-8 Fundamentals of Speech Communication 3.00 UNITS**  
Prerequisite: Eligibility for ENGL-1A as determined by the Chaffey assessment process, or satisfactory completion of ENGL-475 or ESL-475.  
Fundamentals of human communication as they operate in a variety of contexts: interpersonal, small group, and public speaking. (C-ID COMM 180)  
Materials Fee: $4.00  
Grading: Letter grade only  
Transfer: CSU; UC

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<td>84091</td>
<td>STAFF</td>
<td>7:00pm-9:50pm</td>
<td>W</td>
<td>TA-1J</td>
</tr>
</tbody>
</table>

**COMSTD-12 Mass Communication and Society 3.00 UNITS**  
Advisory: Eligibility for ENGL-1A as determined by the Chaffey assessment process, or completion of ENGL-475 or ESL-475.  
A critical examination of the form, content, and influence of the processes of mass communication. Historical overview and examination of mass-mediated reality using theories of rhetoric and symbolic interaction. (C-ID JOUR 100)  
Materials Fee: $4.00  
Grading: Letter grade only  
Transfer: CSU; UC

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<th>SECTION #</th>
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<tr>
<td>84074</td>
<td>L.Mayuga</td>
<td>7:00pm-9:50pm</td>
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<tr>
<td>84101</td>
<td>I.Grau</td>
<td>11:00am-2:30pm</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: $4.00  
Grading: Letter grade only  
Transfer: CSU; UC

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<tr>
<td>84101</td>
<td>I.Grau</td>
<td>11:00am-2:30pm</td>
<td>MW</td>
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</table>

Additional sections of some classes may be available; check the Chino, Fontana, Ontario High School, and Hybrid/Online sections.
COMSTD-72 Logic and Argumentation 3.00 UNITS
Prerequisite: ENGL-1A.
The study of argumentation as an oral and written skill with an emphasis on the principles of critical thinking and sound reasoning. (C-ID COMM 120)
Materials Fee: $4.00
Transfer: CSU; UC
Grading: Letter grade only
83936 C. Navarro 11:00am-12:20pm MW TA-1H
83938 C. Navarro 11:00am-2:30pm TTH TA-1L
10/20/15-12/10/15 Last day to add: 10/22/15
SECT 83939: Fast Track class; see pages 178-184 for more info.

COMSTD-74 Intercultural Communication 3.00 UNITS
Advisory: Eligibility for ENGL-1A as determined by the Chaffey assessment process, or completion of ENGL-475 or ESL-475.
Identification and analysis of processes and problems of communication between people of different cultures. Effects of differences in attitudes, social organization, role expectations, language and nonverbal behavior.(C-ID COMM 150)
Materials Fee: $4.00
Transfer: CSU; UC
Grading: Letter grade only
84568 E. Rose 9:00am-11:50am F TA-1L
(more sections at Chino)

COMSTD-76 Gender & Communication 3.00 UNITS
Advisory: Completion of COMSTD-8, and eligibility for ENGL-1A as determined by the Chaffey assessment process or completion of ENGL-475 or ESL-475.
Examination of communication patterns existing between males and females. Communication problems relating to gender are addressed, along with listening, assertiveness, negotiation, and other conflict strategies.
Materials Fee: $4.00
Transfer: CSU
Grading: Letter grade only
84015 K. Dhaliwal 9:00am-12:00pm S TA-1L
83936 C. Navarro 9:30am-10:50am MW TA-1H
(more sections at Chino and Fontana)

COMSTD-78 Family Communication 3.00 UNITS
Advisory: Eligibility for ENGL-1A as determined by the Chaffey assessment process, or completion of ENGL-475 or ESL-475.
Introduction to communication in the family setting. Analysis of how communication-related behavior affects the development, maintenance, enhancement, and deterioration of family relationships.
Materials Fee: $4.00
Transfer: CSU
Grading: Letter grade only
84085 J. Warhol 5:30pm-6:50pm MW TA-1J
(more sections at Fontana)

Computer Information Systems: Core (CIS)

CIS-1 Introduction to Computer Information 3.00 UNITS
Principles and applications of computers including their role in business and society. Provides computer competency for Computer Information systems majors and non-majors. (C-ID ITIS 120 and BUS 140)
Materials Fee: $0.00
Transfer: CSU
Grading: Letter grade only
86286 T. Helfand 8:00am-9:45am MW BE-104
08/17/15-10/07/15 Last day to add: 08/24/15
Section 86286: Fast Track and Hybrid class; see pages 160 and 178-184 for more info.
86336 D. Edery 8:00am-10:50am F BE-104
87847 STAFF 9:00am-12:00pm S BE-104
86277 W. Baker 9:30am-10:50am TTH BE-100
86282 G. Bergreen 11:00am-2:30pm TTH BE-100
08/18/15-10/06/15 Last day to add: 08/24/15
SECT 86282: Fast Track class; see pages 178-184 for more info.
86284 J. Alfano 11:00am-2:30pm TTH BE-100
10/20/15-12/10/15 Last day to add: 10/22/15
SECT 86284: Fast Track class; see pages 178-184 for more info.
86281 G. Bergreen 12:30pm-1:50pm MW BE-104
86278 M. Castillo 2:00pm-3:20pm MW BE-100
86283 J. Alfano 3:00pm-6:30pm TTH BE-100
08/18/15-10/06/15 Last day to add: 08/24/15
SECT 86283: Fast Track class; see pages 178-184 for more info.
86279 M. Castillo 3:30pm-4:50pm MW BE-100
86285 P. Watson 5:30pm-6:50pm MW BE-100
86338 M. Wildes 7:00pm-9:50pm T BE-104
86287 D. Edery 7:00pm-9:50pm W BE-104
86289 M. Wildes 7:00pm-9:50pm TH BE-104
86333 T. Helfand 8:00am-9:45am MW BE-104
10/19/15-12/09/15 Last day to add: 10/22/15
SECT 86333: Fast Track and Hybrid class; see pages 160 and 178-184 for more info.
(more sections online and at Chino and Fontana)

Visit our website at www.chaffey.edu for application and registration information.
CIS-4  Fundamentals of Microsoft Windows  1.50 UNITS
Introduction to the terminology, application, and use of the graphical operating system.
Materials Fee: $0.00  Transfer: CSU
Grading: Letter grade only
86342 S.Siedschlag  10:00am-11:45am  MW  BE-100
08/17/15-10/07/15  Last day to add: 08/23/15
86343 J.Alfano  7:00pm-10:20pm  M  BE-100
08/17/15-10/05/15  Last day to add: 08/17/15

CIS-50  Introduction to Computer Networks  3.00 UNITS
Prerequisite: CIS-1.
Architecture, structure, functions, components, and models of the Internet and other computer networks. Preparation for the CompTIA Network+ certification exam.
Materials Fee: $3.00  Transfer: CSU
Grading: Letter grade only
86344 S.Siedschlag  7:00pm-9:50pm  T  BE-100
08/17/15-12/18/15  Last day to add: 08/24/15
and
Online hours  INET
SECT 86344: Hybrid class, see page 180 for more info.

CIS-68  Using the Internet  1.50 UNITS
Introduction to and use of the Internet. Topics include access, hardware, software, protocols, security, communication, file transfer, search tools, e-commerce, and other current Internet and Web technologies.
Materials Fee: $0.00  Transfer: CSU
Grading: Letter grade only

CIS-420  Computer Security Basics  1.50 UNITS
Introduction to security issues affecting individual computers and Internet access. Protection strategies from viruses, Trojan-Horse programs, e-mail attacks, and other forms of intrusion.
Materials Fee: $0.00  Transfer: CSU
Grading: Letter grade only
86348 S.Siedschlag  10:00am-11:45am  MW  BE-100
10/19/15-12/09/15  Last day to add: 10/25/15
86369 J.Alfano  7:00pm-9:50pm  M  BE-100
10/19/15-12/07/15  Last day to add: 10/25/15

CIS-431  Project Management for Information Technology  3.00 UNITS
Advisory: Completion of CIS-1.
Fundamentals of project management applied to the field of information technology using current project management software.
Materials Fee: $0.00  Transfer: CSU
Grading: Letter grade only
86329 K.Devlin  7:00pm-9:50pm  TH  BE-100
10/19/15-12/09/15  Last day to add: 10/25/15
(More sections online)

CIS: Game Development (CISGAME)  909/652-6830
CISGAME-401  Fundamentals of Game Development  1.50 UNITS
Advisory: Completion of CIS-1.
Introduction to game development. Topics include: history, hardware, graphics, sound, game genres, design elements, game generation software, game programming, and available careers in game development.
Materials Fee: $0.00  Transfer: CSU
Grading: Letter grade only
86339 T.Kocher  8:00am-9:45am  TTH  BE-104
08/18/15-10/06/15  Last day to add: 08/24/15

CISGAME-420  Mobile/Web Game Development  3.00 UNITS
Prerequisite: CISGAME-401.
Programming and design for mobile and web games. Fundamentals of games and logic, game development, positioning and movement of elements, Web tools and mobile emulators, collision detection and reaction, graphics, sound, animations, testing, and debugging.
Materials Fee: $0.00  Transfer: CSU
Grading: Letter grade only
86327 T.Kocher  3:30pm-4:50pm  MW  BE-104

CIS: Hardware and Support (CISHDSP)  909/652-6830
(See Fontana Section)
CIS: Internet and Web Development (CISIWEB)  909/652-6830
CISIWEB-72  Web Page Development and Publishing  3.00 UNITS
Advisory: Completion of CIS-68.
Basic web page development using HTML (Hypertext Markup Language) and CSS (Cascading Style Sheets). Topics include web site planning, responsive Web page creation, hyperlinks, formatting, graphics, multimedia, tables, scripting, dynamic page creation, and Web publishing.
Materials Fee: $0.00  Transfer: CSU
Grading: Letter grade only
86329 K.Devlin  7:00pm-9:50pm  TH  BE-100
(More sections online)

CIS: Cisco Internetworking (CISCO)  909/652-7660
(See Chino Section)
CISIWEB-424  Wordpress Web Development  1.50 UNITS
Advisory: Completion of CIS-68.
Development of Websites using the WordPress Content Management System (CMS). Includes wordpress.com and wordpress.org, WordPress codex, installation, using the dashboard, navigation, themes, plugins, widgets, organizing content, multimedia, blogs, security, Search Engine Optimization (SEO), troubleshooting, modifying with HTML and CSS, and other topics.
Materials Fee: $0.00  Transfer: CSU
Grading: Letter grade only
86327 T.Kocher  3:30pm-4:50pm  MW  BE-104

Additional sections of some classes may be available; check the Chino, Fontana, Ontario High School, and Hybrid/Online sections.
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<tr>
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<th>DAYS</th>
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<tr>
<td>CISIWEB-438</td>
<td>Web Development: Ruby on Rails</td>
<td>1.50 UNITS</td>
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<tr>
<td>CS-1</td>
<td>Programming Concepts and Methodology I</td>
<td>3.00 UNITS</td>
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<tr>
<td>CRSCI-1</td>
<td>Introduction to Correctional Science</td>
<td>3.00 UNITS</td>
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<tr>
<td>CRSCI-2</td>
<td>Control and Supervision of Inmates</td>
<td>3.00 UNITS</td>
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<tr>
<td>CRSCI-3</td>
<td>Correctional Law</td>
<td>3.00 UNITS</td>
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### Computer Science (CS)

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<tr>
<td>CS-1</td>
<td>Programming Concepts and Methodology I</td>
<td>3.00 UNITS</td>
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<tr>
<td>CRSCI-1</td>
<td>Introduction to Correctional Science</td>
<td>3.00 UNITS</td>
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<tr>
<td>CRSCI-2</td>
<td>Control and Supervision of Inmates</td>
<td>3.00 UNITS</td>
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<tr>
<td>CRSCI-3</td>
<td>Correctional Law</td>
<td>3.00 UNITS</td>
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### Correctional Science (CRSCI)

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<tr>
<td>CRSCI-1</td>
<td>Introduction to Correctional Science</td>
<td>3.00 UNITS</td>
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<tr>
<td>CRSCI-2</td>
<td>Control and Supervision of Inmates</td>
<td>3.00 UNITS</td>
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</tr>
<tr>
<td>CRSCI-3</td>
<td>Correctional Law</td>
<td>3.00 UNITS</td>
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</tbody>
</table>

### MyChaffey Portal

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

CRSCI-5  Crime and Delinquency  3.00 UNITS
Advisory: Completion of CRSCI-1.
Materials Fee: $3.00  Transfer: CSU
Grading: Letter grade only

CRSCI-6  Correctional Interviewing and Counseling  3.00 UNITS
Basic interviewing and counseling processes, using appropriate techniques and theories.
Materials Fee: $0.00  Transfer: CSU
Grading: Letter grade only

CRSCI-8  Ethnic Group Relations  3.00 UNITS
Survey of minority roles, problems, and relationships within the criminal justice system.
Materials Fee: $3.00  Transfer: CSU
Grading: Letter grade only

CRSCI-10  Violence in America  3.00 UNITS
Victimization theories, classification of violent crimes, and perpetrator identification. Crime and its impact on victims and society. Victimization; intimate, workplace, and school violence; and terrorism.
Materials Fee: $3.00  Transfer: CSU
Grading: Letter grade only

DANCE-1  Survey of Dance  3.00 UNITS
Advisory: Eligibility for ENGL-1A as determined by the Chaffey assessment process, or completion of ENGL-475 or ESL-475.
Conceptual and historical study of dance from antiquity to the present, including the role of dance as a theatrical art and social form.
Materials Fee: $1.00  Transfer: CSU; UC
Grading: Letter grade only

DANCE-2  Theatrical Dance  3.00 UNITS
Study of physical movement as it relates to the body on the stage, including movements commonly used in musical theatre, jazz, and modern dance techniques.
Materials Fee: $1.00  Transfer: CSU; UC
Grading: Letter grade only

DANCE-7A  Ballet IA  1.00 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: $0.00  Transfer: CSU; UC pending
Grading: Letter grade only

DANCE-7B  Ballet IB  1.00 UNITS
Limitation on Enrollment: Level placement pending instructor approval.
Advisory: Completion of DANCE-7A.
Skill improvement in fundamental classical ballet barre and center technique at the advanced beginning level. Continued study of ballet theory, history, and vocabulary.
Materials Fee: $0.00  Transfer: CSU; UC pending
Grading: Letter grade only

DANCE-8A  Ballet IIA  1.00 UNITS
Advisory: Completion of DANCE-8A.
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. Continued study of ballet theory, history and vocabulary.
Materials Fee: $0.00  Transfer: CSU; UC pending
Grading: Letter grade only

DANCE-8B  Ballet IIB  1.00 UNITS
Skill improvement and added complexity in classical ballet barre and center technique. Development and practice of intermediate level skill combinations with modifications and complications. Continued study of ballet theory, history and vocabulary.
Materials Fee: $0.00  Transfer: CSU; UC pending
Grading: Letter grade only

DANCE-10A  Jazz Dance IA  1.00 UNITS
Basic jazz dance, vocabulary, and dance technique.
Materials Fee: $1.00  Transfer: CSU; UC
Grading: Letter grade only

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

DANCE-20A  Modern Dance IA  1.00 UNITS
Basic modern dance skills and vocabulary emphasizing technique and creativity. Introduction to modern dance theory, history and criticism.
Materials Fee: $1.00  Transfer: CSU; UC
Grading: Letter grade only
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 at the advanced beginning level, with emphasis on technique and creativity.
Materials Fee: $1.00  Transfer: CSU; UC
Grading: Letter grade only

84337 K.Rooney 2:00pm-3:20pm MW 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

84366 C.Dahlstrom 12:30pm-1:50pm TTH 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

84367 C.Dahlstrom 12:30pm-1:50pm MW CAA-206

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

84339 K.Rooney 2:00pm-3:20pm MW CAA-206

DANCE-40B Modern Dance IIB 1.00 UNITS
Limitation on Enrollment: Level placement pending instructor approval.
Advisory: Completion of DANCE-40A.
Advanced-level modern dance skills and vocabulary emphasizing technical mastery and deep artistic range and expression, and drawing upon classical, post-modern, and contemporary styles.
Materials Fee: $0.00  Transfer: CSU; UC pending
Grading: Letter grade only

84340 K.Rooney 2:00pm-3:20pm MW 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, style, and vocabulary.
Materials Fee: $1.00  Transfer: CSU; UC
Grading: Letter grade only

84334 M.Jenkins 3:30pm-4:50pm TTH 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

84335 M.Jenkins 3:30pm-4:50pm TTH 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

84369 C.Dahlstrom 12:30pm-1:50pm MW 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

84370 C.Dahlstrom 12:30pm-1:50pm MW 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

84371 D.Bonds 6:30pm-7:50pm MW CAA-206
(more sections at Fontana)

Dental Assisting (DENTAL) 909/652-6675

DENTAL-400 Dental Assisting Core Sciences 6.00 UNITS
Core competencies and foundational skills. An overview of applicable biomedical terms and functions, infection control, medical and dental emergencies, professionalism, charting, and basic laboratory skills. Instructor signature required. Materials Fee: $20.00
Grading: Letter grade only

84765 S.Bartell-Lippert 8:00am-12:30pm MTWTHF HS-133/106/105 B.Cox, D.Klein
08/19/15-10/09/15 Last day to add: 08/26/15

DENTAL-410 Dental Assisting Pre-Clinical Sciences 6.00 UNITS
Prerequisite: DENTAL-400.
Study and application of dental procedures performed in a preclinical site. An in-depth study of dental materials, instrumentation, procedures, protocols, and familiarity with dental specialties.
Materials Fee: $20.00
Grading: Letter grade only

85649 S.Bartell-Lippert 8:00am-12:45pm MTWTHF HS-141/133/105 B.Cox, D.Klein
10/12/15-12/11/15 Last day to add: 10/25/15
SECT 85649: No class meetings 10/14-10/16.

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

DENTAL ASSISTING INTEREST/INFORMATION SESSIONS
Visit Chaffey’s Dental Assisting web page at www.chaffey.edu/healthsciences/dentalasst or call 909/652-6675 for dates, times and more information regarding these mandatory information meetings.
### 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.

**DPS-523  Beginning Job Readiness Skills  1.50 UNITS**  
Limitation on Enrollment: Orientation and instructor signature is required for registration.  
Corequisite: DPS-576.  
First in a series of open-entry/exit self-paced course for students with disabilities. This course introduces basic job readiness skills which prepare students for competitive employment.  
Not degree applicable  
Grading: Pass/No Pass only  
85963 B.Fuller 72-81 hrs/term arranged OTHR 08/17/15-12/18/15 Last day to add: 11/02/15  
SECT 85963: Arrange hours with instructors 8:30am-3:00pm

**DPS-525  Advanced Job Readiness Skills  1.50 UNITS**  
Limitation on Enrollment: Orientation and instructor signature is required for registration.  
Corequisite: DPS-578.  
Third course in a series of open-entry/open-exit self-paced courses for students with disabilities. Course focuses on advanced job readiness skills needed for competitive employment.  
Not degree applicable  
Grading: Pass/No Pass only  
85965 B.Fuller 72-81 hrs/term arranged OTHR 08/17/15-12/18/15 Last day to add: 11/02/15  
SECT 85965: Arrange hours with instructors 8:30am-3:00pm

**DPS-576  Beginning Job Skills Practicum Lab  1.50 UNITS**  
Limitation on Enrollment: Orientation and instructor signature is required for registration.  
Corequisite: DPS-523.  
Open-entry/exit self-paced course for students with disabilities, focused on the introduction of basic hands-on job skills to prepare students for competitive employment.  
Not degree applicable  
Grading: Pass/No Pass only  
85966 B.Fuller 72-81 hrs/term arranged OTHR 08/17/15-12/18/15 Last day to add: 11/02/15  
SECT 85966: Arrange hours with instructors 8:30am-3:00pm

**DPS-578  Advanced Job Skills Practicum Lab  1.50 UNITS**  
Limitation on Enrollment: Orientation and instructor signature is required for registration.  
Corequisite: DPS-525.  
Open-entry/exit self-paced course for students with disabilities, focused on the advanced hands-on job skills needed for competitive employment.  
Not degree applicable  
Grading: Pass/No Pass only  
85968 B.Fuller 72-81 hrs/term arranged OTHR 08/17/15-12/18/15 Last day to add: 11/02/15  
SECT 85968: Arrange hours with instructors 8:30am-3:00pm
<table>
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<tbody>
<tr>
<td>DPS-651</td>
<td>Job Placement Practicum for Students With Disabilities</td>
<td>0.00 UNITS</td>
<td>Non-Credit</td>
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<tr>
<td></td>
<td>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. Materials Fee: $0.00 Grading: Ungraded</td>
<td></td>
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<tr>
<td>85926</td>
<td>C.Sallaberria</td>
<td>24-27 hrs/term arranged</td>
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<tr>
<td>08/17-15/12/18/15</td>
<td>Last day to add: 11/02/15</td>
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<tr>
<td>SECT 85926: Arrange hours with instructors 8:30am-3:00pm, MTWTH.</td>
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</tr>
<tr>
<td>DPS-657</td>
<td>Vocational Skills for Students With Disabilities</td>
<td>0.00 UNITS</td>
<td>Non-Credit</td>
<td></td>
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<tr>
<td></td>
<td>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: Students must arrange hours with instructors between 8:00am-3:15pm, MTWTHF. Materials Fee: $0.00 Grading: Ungraded.</td>
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<tr>
<td>85932</td>
<td>B.Fuller</td>
<td>24-27 hrs/term arranged</td>
<td>OTHR</td>
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<td>08/17/15-12/18/15</td>
<td>Last day to add: 11/02/15</td>
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</table>

### 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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**Drafting (DRAFT)**

<table>
<thead>
<tr>
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<th>INSTRUCTOR</th>
<th>HOURS</th>
<th>DAYS</th>
<th>ROOM</th>
</tr>
</thead>
<tbody>
<tr>
<td>DPS-651</td>
<td>Job Placement Practicum for Students With Disabilities</td>
<td>0.00 UNITS</td>
<td>Non-Credit</td>
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<tr>
<td></td>
<td>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. Materials Fee: $0.00 Grading: Ungraded</td>
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<td>85926</td>
<td>C.Sallaberria</td>
<td>24-27 hrs/term arranged</td>
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<tr>
<td>85932</td>
<td>B.Fuller</td>
<td>24-27 hrs/term arranged</td>
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<td>Last day to add: 11/02/15</td>
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</table>

### Draft-20  Computer-Aided Drafting and Design 4.00 UNITS  
Advisory: Completion of CIS-4 or Windows experience. Introduction to Computer Aided Drafting and Design (CADD) technology, terminology, and application, using an industry-standard program. Emphasis on two-dimensional working drawings. Materials Fee: $5.00 Grading: Letter grade only. |
| 84984 | R.Koyle | 8:00am-9:20am | TTH | VSS-102 |
| 84983 | E.Benoit | 8:00am-10:50am | F | VSS-102 |
| 84985 | M.Ortiz | 9:30am-9:50am | MW | VSS-102 |
| 84986 | S.Hall | 6:00pm-6:50pm | TTH | VSS-102 |
| 84987 | R.Koyle | 9:30am-10:50am | TTH | VSS-102 |

### Draft-21  Mechanical Design I 3.00 UNITS  
Prerequisite: DRAFT-20 or one year of high school drafting using AutoCAD, and EGTECH-10 or one year of high school drafting using SolidWorks or a similar feature-based modeling software. Production of engineering drawings using primary orthographic, section, detail, and auxiliary views. Assignments are completed on the CAD system. Materials Fee: $5.00 Grading: Letter grade only. |
| 84985 | M.Ortiz | 9:30am-9:50am | MW | VSS-102 |
| 84986 | S.Hall | 6:00pm-6:50pm | MW | VSS-102 |
| 84987 | S.Hall | 9:30am-10:50am | TTH | VSS-102 |
| 84988 | E.Benoit | 6:00pm-7:20pm | F | VSS-102 |

### Draft-43  Advanced CAD Modeling and Applications 3.00 UNITS  
Prerequisite: EGTECH-10. Advanced concepts and development of three-dimensional visualization skills. Materials Fee: $5.00 Grading: Letter grade only. |
| 84988 | S.Hall | 9:30am-10:50am | TTH | VSS-102 |
| 84989 | S.Egli | 5:30pm-7:50pm | TTH | VSS-102 |
| 84990 | M.Ortiz | 7:00pm-7:50pm | TTH | VSS-102 |

### Draft-50  Architectural Design I 3.00 UNITS  
Prerequisite: DRAFT-20 or one year of high school drafting. Theory and methods of architectural drawings, incorporating the fundamentals of residential design. Coursework uses AutoCAD and REVIT software. Materials Fee: $5.00 Grading: Letter grade only. |
| 84987 | S.Hall | 6:00pm-6:50pm | MW | VSS-102 |
| 84988 | S.Hall | 7:00pm-7:20pm | MW | VSS-102 |

### Draft-51  Architectural Design II 3.00 UNITS  
Prerequisite: DRAFT-50. Design issues associated with more complex buildings and settings including the impact of zoning, local codes and challenging sites. Course uses REVIT software. Materials Fee: $5.00 Grading: Letter grade only. |
| 84988 | S.Hall | 6:00pm-6:50pm | MW | VSS-102 |
| 84989 | S.Hall | 7:00pm-8:20pm | MW | VSS-102 |

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

(Also see Geology) 909/652-6403

ESC-1 Earth Science 3.00 UNITS
Topics include geology, oceanography, meteorology, and planetology.
(C-ID GEOL 120)
Materials Fee: $2.00 Transfer: CSU; UC
Grading: Letter grade only

84747 J.Warger 8:00am-9:20am MW PS-112
84749 D.Neves 8:00am-9:20am TTH PS-112
84758 M.Freeman 9:00am-11:50am S PS-112
84750 J.Warger 9:30am-10:50am MW PS-112
84751 D.Neves 9:30am-10:50am TTH PS-112
84752 R.Woolford 11:00am-12:20pm TTH PS-112
84753 R.Woolford 2:00pm-3:20pm TTH PS-112
84754 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: $10.00 Transfer: CSU; UC
Grading: Letter grade only

84760 J.Warger 9:30am-10:50am TTH PS-109
84761 D.Warger 9:30am-10:50am MW PS-109
84762 R.Woolford 12:30pm-1:50pm TTH PS-101
84764 J.Maas 5:30pm-6:50pm TTH PS-109
84766 M.Freeman 6:00pm-8:50pm F PS-109
84765 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: $2.00 Transfer: CSU; UC
Grading: Letter grade only

84763 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: $10.00 Transfer: CSU; UC
Grading: Letter grade only

Economics (ECON) 909/652-6253

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

85049 STAFF 7:15am-10:45am TTH WH-112
08/18/15-10/06/15 Last day to add: 08/24/15
SECT 85049: Fast Track class; see pages 178-184 for more info.
85054 S.Nowakhtar 10:00am-12:50pm F SS-111
SECT 85054: Honors class; see page 185 for more info.
85060 M.Coson 12:00pm-2:50pm MW SS-110
85050 S.Nowakhtar 12:30pm-1:50pm MW SS-104
87113 STAFF 7:00pm-9:50pm M LA-108
85051 J.Bryant 7:00pm-10:30pm MW SS-111
10/19/15-12/09/15 Last day to add: 10/22/15
SECT 85051: Fast Track class; see pages 178-184 for more info.
(more sections 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.
(C-ID ECON 202)
Materials Fee: $0.00 Transfer: CSU; UC
Grading: Letter grade only

85085 STAFF 7:15am-10:45am TTH WH-112
85063 STAFF 11:00am-1:50pm MW WH-101
85063 STAFF 2:00pm-3:50pm MW WH-104
85066 B.McMurran 11:00am-12:20pm MW WH-102
85066 STAFF Online hours INET
SECT 85063: Online hours see page 160 for more info.
85068 C.Parker 1:00pm-4:00pm S SS-103
85068 C.Parker 2:00pm-3:50pm MW SS-104
85068 Online hours Online hours INET
10/19/15-12/09/15 Last day to add: 10/22/15
SECT 85069: Fast Track and Hybrid class: see pages 160 and 178-184
for more info.
85071 STAFF 3:00pm-6:30pm M SS-103
85067 R.Bandzak 3:30pm-6:20pm MW SS-111
85070 R.Bandzak 7:00pm-9:50pm T SS-111

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.
**ECON-4 Principles of Microeconomics 3.00 UNITS**

Prerequisite: Eligibility for MATH-425 as determined by the Chaffey assessment process, or completion of MATH-410.
Advisory: Completion of MATH-425.
Study of the choices of individual economic decision-makers on markets, taxation, production, scarcity, competition, monopoly, and regulation. Effects of taxes on individuals and businesses; income distribution and poverty; economics of race, gender, and culture; and market failure.

(C-ID ECON 201)
Materials Fee: $0.00
Grading: Letter grade only

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<tr>
<th>SECTION #</th>
<th>INSTRUCTOR</th>
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<td>and Online hours</td>
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<tr>
<td>85077 B.McMurran</td>
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<tr>
<td>85087 R.Bandzak</td>
<td>7:00pm-9:50pm</td>
<td>TH</td>
<td>SS-111</td>
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**Education (ED)**

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

Limitation on Enrollment: Proof of a negative TB test within past 12 months and legal fingerprint clearance through the Chaffey College Human Resources Department are required for fieldwork placement.
Prerequisite: ED-400, and eligibility for ENGL-1A as determined by the Chaffey assessment process or completion of ENGL-475 or ESL-475.
Exploration of the concepts and issues related to teaching diverse K-12 learners. 45 hours of hours of structured fieldwork with a certified teacher in a public elementary classroom is a required part of the course. (C-ID EDUC 200)
Materials Fee: $0.00
Transfer: CSU; UC
Grading: Letter grade only

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<th>INSTRUCTOR</th>
<th>HOURS</th>
<th>DAYS</th>
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<tbody>
<tr>
<td>85113 M.Alexander</td>
<td>2:00pm-3:20pm</td>
<td>TTH</td>
<td>CD-124B</td>
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</table>

**ED-400 Introduction to Education and Teaching I 3.00 UNITS**

Advisory: Completion of ENGL-450 or ESL-450.
Explores professional responsibilities, career pathways, and job search strategies for tutors, para educators, activity supervisors, and credentialed teachers.
Materials Fee: $0.00
Grading: Letter grade only

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<tr>
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**Electrical Engineering (ENGIN)**

**ENGIN-11 Introduction to Engineering 2.00 UNITS**

Introduction to the engineering profession and examination of various engineering fields.
Material Fee: $1.00.
Grading: Letter grade only

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<th>INSTRUCTOR</th>
<th>HOURS</th>
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<tr>
<td>84993 M.Tavakoli</td>
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<td>PS-112</td>
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</table>

**ENGIN-26 Engineering Graphics and CAD 3.00 UNITS**

The study of the principles of orthographic projection, pictorial views, sections and auxiliary views, dimensioning, and the four fundamental views of descriptive geometry. Use of CAD in the solving industry-related problems.
Materials Fee: $1.00
Grading: Letter grade only

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<th>SECTION #</th>
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<td>VSS-102</td>
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<td>and 7:00pm-8:50pm</td>
<td>TTH</td>
<td>VSS-102</td>
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**Electricity (See Industrial Electrical Technology in Chino section)**

**Emergency Medical Technician (EMT)**

**EMT-405 Emergency Medical Responder Services 3.00 UNITS**

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

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<td>BE-111</td>
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**EMT-411 Emergency Medical Technician 7.00 UNITS**

Limitation on Enrollment: Student must be 18 Years or older at the start of the course, and possess a current American Heart Association Health Care Provider CPR card.
Prerequisite: EMT-405.
Advisory: Students should possess good dexterity and 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: $3.00
Grading: Letter grade only

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<tr>
<td></td>
<td>and 1:30pm-5:00pm</td>
<td>F</td>
<td>BE-105</td>
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</tbody>
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**Additional sections of some classes may be available; check the Chino, Fontana, Ontario High School, and Hybrid/Online sections.**
**Engineering Technology (EGTECH)**

**EGTECH-10** Introduction to Engineering Design 4.00 UNITS
Introduction to the design process using engineering graphics systems.
Materials Fee: $5.00
Transfer: CSU; UC
Grading: Letter grade only

**EGTECH-12** Principles of Engineering 4.00 UNITS
Prerequisite: MATH-425.
Topics include the design process, communication and documentation, engineering systems, statics, properties of materials, quality assurance, materials testing, and engineering for reliability.
Materials Fee: $5.00
Transfer: CSU; UC
Grading: Letter grade only

**EGTECH-14** Electronics for Engineering Technologists I 3.00 UNITS
Prerequisite: MATH-425.
Advisory: Completion of EGTECH-12.
Introduction to the application of electronics in engineering technology.
Materials Fee: $5.00
Transfer: CSU
Grading: Letter grade only

**Engineering (ENGL)**

**ENGL-1A** Composition 3.00 UNITS
Prerequisite: Eligibility for ENGL-1A as determined by the Chaffey assessment process, or successful completion of ENGL-450, ENGL-475, ESL-450, ESL-475, or READ-550.
Study and practice of expository and argumentative writing techniques. Frequent writing of compositions, with the ultimate goal of writing a research paper. A minimum of 6,000 written words is expected in the course. Three hours of supplemental learning in a Success Center that supports this course is required. (C-ID ENGL 100)
Materials Fee: $2.00
Transfer: CSU; UC
NOTE: Sections held in LA-110, LA-111, and LA-113, may have in-class computer writing assignments. Basic computer and keyboarding skills are recommended. Grading: Letter grade only
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<td>ENGL-1B</td>
<td>Advanced Composition and Critical 3.00 UNITS Thinking</td>
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<tr>
<td>84258 K.George</td>
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<td>84158 J.Grasmick</td>
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<tr>
<td>84176 T.Muir</td>
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<td>83984 N.Watkins</td>
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<tr>
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<tr>
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<tr>
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<tr>
<td>83906 D.Keener</td>
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ATTENTION STUDENTS

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

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<thead>
<tr>
<th>If you assessed into...</th>
<th>OR</th>
<th>If you passed one of these classes...</th>
<th>You should register for...</th>
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<tbody>
<tr>
<td>ENGL-1A</td>
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<td>ENGL-1A</td>
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<td>ENGL-475 or ENGL-450, or ESL-475, or ESL-450, or READ-550</td>
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<td>ENGL-575 or ENGL-550, or READ-530</td>
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<td>ENGL-675 or ENGL-550, or READ-530</td>
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<td>(more sections are online and at Chino and Fontana)</td>
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</tbody>
</table>

ENGL-1C Introduction to Literature 3.00 UNITS
Prerequisite: ENGL-1A.
Foundation course in the study of the literary genres: novel, short story, poetry, and drama. (C-ID ENGL 120)
Materials Fee: $1.00 Transfer: CSU; UC
Grading: Letter grade only

ENGL-7A Creative Writing: Short Fiction 3.00 UNITS
Prerequisite: Eligibility for ENGL-1A as determined by the Chaffey assessment process, or completion of ENGL-475 or ESL-475.
Seminar in short fiction writing. Students study the underlying principles of this form of literature, write short stories, and analyze each other’s work.
Materials Fee: $2.00 Transfer: CSU; UC
Grading: Letter grade only

ENGL-33 Introduction to Poetry 3.00 UNITS
Advisory: Completion of ENGL-1A.
Designed to increase student’s appreciation of poetry and to acquaint them with the techniques of analyzing it. Works of American and British poets are examined with special attention to poetic voice, syntax, figures of speech, sonics, and form.
NOTE: This course is not a creative writing course for student poetry.
Materials Fee: $1.00 Transfer: CSU; UC
Grading: Letter grade only

ENGL-68 Mythology 3.00 UNITS
Prerequisite: Eligibility for ENGL-1A as determined by the Chaffey assessment process, or completion of ENGL-475 or ESL-475.
Major myths, especially in relation to the culture in which they arose, with a special emphasis on the Greek myths. Broad comparison of the myths of many cultures and their influence on subsequent literature.
Materials Fee: $1.00 Transfer: CSU; UC
Grading: Letter grade only

83985 N.Watkins | 8:00am-9:20am | MW | LA-111 |
84158 J.Grasmick | 9:00am-11:50am | F | LA-111 |
84176 T.Muir | 9:00am-12:00pm | S | LA-111 |
83984 N.Watkins | 9:30am-10:50am | MW | LA-111 |
84110 N.Cook | 12:30pm-1:50pm | MW | LA-111 |
84187 M.O’Rourke | 12:30pm-1:50pm | TTH | LA-111 |
84257 K.George | 2:00pm-3:20pm | MW | LA-111 |
84135 R.Gomez | 2:00pm-3:20pm | TTH | LA-110 |
83906 D.Keener | 3:00pm-6:30pm | MW | TA-1M |
10/19/15-12/10/15 | Last day to add: 10/22/15 |
SECT 83906: Fast Track class; see pages 178-184 for more info.

83909 D.Keener | 3:00pm-6:30pm | TTH | LA-111 |
10/20/15-12/10/15 | Last day to add: 10/22/15 |
SECT 83909: Fast Track class; see pages 178-184 for more info.

84111 N.Cook | 3:30pm-4:50pm | MW | LA-111 |
84157 STAFF | 5:30pm-6:50pm | MW | LA-111 |
84254 S.Zeledon | 6:00pm-9:00pm | F | LA-111 |
84166 C.Cotton | 7:00pm-10:30pm | MW | LA-111 |
10/19/15-12/10/15 | Last day to add: 10/22/15 |
SECT 84111: Fast Track class; see pages 178-184 for more info.

84247 STAFF | 7:00pm-10:30pm | TTH | LA-111 |
10/20/15-12/10/15 | Last day to add: 10/22/15 |
SECT 84247: Fast Track class; see pages 178-184 for more info.

84248 S.Steffen | 7:00pm-9:50pm | T | LA-110 |
84154 C.Kokalari | 7:00pm-9:50pm | W | LA-110 |
84249 C.Kokalari | 7:00pm-9:50pm | TH | LA-110 |

Additional sections are online and at Chino and Fontana.

ATTENTION STUDENTS

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

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

CREDIT CARD USERS
(VISA, MASTERCARD, AMERICAN EXPRESS AND DISCOVER)

To avoid standing in long lines, Chaffey strongly suggests that you pay your fees online via MyChaffeyVIEW. Credit card payments are processed through the “Official Payments” vendor and have the same security measures whether you make your payment online via your home computer or in person.
### ENGL-70A  World Literature  3.00 UNITS

**Prerequisite:** ENGL-1A.

Survey of significant authors and texts of world literature from earliest times through the mid-1600's. Examination of the relationship between historical events and literary works. (C-ID ENGL 140)

Materials Fee: $1.00  
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>
</tr>
</thead>
<tbody>
<tr>
<td>83993</td>
<td>C.Williams</td>
<td>9:30am-10:50am</td>
<td>TTH</td>
<td>LA-100</td>
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</table>

### ENGL-75A  American Literature  3.00 UNITS

**Prerequisite:** ENGL-1A.

Survey of significant authors and texts of American literature from its beginnings in the colonial period to the 1860s. Examination of the relationship between historical events and literary works. (C-ID ENGL 130)

Materials Fee: $1.00  
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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</thead>
<tbody>
<tr>
<td>83872</td>
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<td>2:00pm-3:20pm</td>
<td>MW</td>
<td>TA-1J</td>
</tr>
</tbody>
</table>

### ENGL-79  Native American Literatures  3.00 UNITS

**Advisors:** Completion of ENGL-1A.

Introductory analysis of the literary, social, and cultural aspects of novels, short stories, essays, and poetry reflecting Native American societies.

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

### ENGL-80A  Survey of British Literature  3.00 UNITS

**Prerequisite:** ENGL-1A.

Chronological survey of major authors and texts of British literature from the Old English to the Neoclassic period (up to the last quarter of the 18th century). Examination of the relationship between historical events and literary works.

(C-ID ENGL 160)

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

<table>
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<tr>
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<th>INSTRUCTOR</th>
<th>HOURS</th>
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<th>ROOM</th>
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<tr>
<td>83869</td>
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<td>11:00am-12:20pm</td>
<td>TTH</td>
<td>LA-110</td>
</tr>
</tbody>
</table>

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**Reading & Writing Course Sequence**

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

**ENGLISH 1A**

Composition

**ENGLISH 475**

Fundamentals of College Reading and Writing

**ESL 475**

Fundamentals of College Reading and Writing for ESL Students

**ENGLISH 575**

Introduction to College Reading and Writing

**BUSOT 455**

Fundamentals of English for Business

**RE-ASSESSMENT**

**ENGLISH 675**

Preparation for College Reading and Writing

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

---

**ENGL-475  Fundamentals of College Reading and Writing 4.00 UNITS**

**Prerequisite:** Eligibility for ENGL-475 as determined by the Chaffey assessment process, or successful completion of ENGL-550 or 575, or READ-530, or 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: $2.00  
Grading: Letter grade only  
NOTE: Sections held in LA-110, LA-111, and LA-113 may have in-class computer writing assignments. Basic computer and keyboarding skills are recommended.

<table>
<thead>
<tr>
<th>SECTION #</th>
<th>INSTRUCTOR</th>
<th>HOURS</th>
<th>DAYS</th>
<th>ROOM</th>
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<tr>
<td>83870</td>
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<td>MTWTH</td>
<td>LA-108</td>
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<td>MTWTH</td>
<td>LA-108</td>
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<tr>
<td>83898</td>
<td>D.Hodge</td>
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<td>MW</td>
<td>LA-113</td>
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<td>83971</td>
<td>V.Tulacro</td>
<td>8:00am-9:50am</td>
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<td>LA-106</td>
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<td>7:00pm-9:15pm</td>
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<tr>
<td>84124</td>
<td>B.Eskew</td>
<td>8:00am-11:50am</td>
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<td>LA-106</td>
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<tr>
<td>84127</td>
<td>J.Ford</td>
<td>9:00am-12:50pm</td>
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<td>LA-106</td>
</tr>
<tr>
<td>83867</td>
<td>J.Ausubel</td>
<td>10:00am-11:50am</td>
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<tr>
<td>84253</td>
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<tr>
<td>84127</td>
<td>J.Ford</td>
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<td>10:00am-11:50am</td>
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<td>84168</td>
<td>J.Lowe</td>
<td>2:00pm-3:50pm</td>
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<td>E.Polson</td>
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<tr>
<td>83884</td>
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<td>J.Ford</td>
<td>1:00pm-5:00pm</td>
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<tr>
<td>83870</td>
<td>J.Ausubel</td>
<td>10:00am-11:50am</td>
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<tr>
<td>84197</td>
<td>A.Sacks</td>
<td>4:00pm-5:50pm</td>
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<td>84128</td>
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<tr>
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<td>C.Decker</td>
<td>4:30pm-6:45pm</td>
<td>MTWTH</td>
<td>LA-106</td>
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**Additional sections of some classes may be available; check the Chino, Fontana, Ontario High School, and Hybrid/Online sections.**
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
Rob Rundquist, Instructional Specialist
909/652-6907
Monday-Thursday 8am-8pm
Friday 10am-4pm
Sunday 10am-3pm

Math Success Center, MATH-121
Garrett Kenehan, Instructional Specialist
909/652-6452
Monday-Thursday 8am-8pm
Friday 10am-4pm
Sunday 10am-3pm

Multidisciplinary Success Center, Library
Rose Ann Osmanian, Instructional Specialist
909/652-6932
Monday-Thursday 8am-8pm
Friday 10am-4pm
Sunday 10am-3pm

ENGL-575  Introduction to College Reading and Writing  4.00 UNITS
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: $2.00  Not degree applicable
Grading: Letter grade only
NOTE: Sections held in LA-110, LA-111, and LA-113 may have in-class computer writing assignments. Basic computer and keyboarding skills are recommended.

84211 STAFF  8:00am-9:50am  TTH LA-106
84159 K.Kusudo  8:00am-9:50am  F LA-108
84161 K.Kusudo  9:00am-12:50pm  S LA-108
83963 B.Spears  10:00am-11:50am  TTH LA-108
84220 STAFF  10:00am-11:50am  TTH LA-106
84174 Z.Moore  12:00pm-1:50pm  MW LA-113
84131 R.Garcia  12:00pm-1:50pm  MW LA-108
84175 Z.Moore  2:00pm-3:50pm  MW LA-108
84132 R.Garcia  2:00pm-3:50pm  TTH LA-108
84233 J.Fisher  4:00pm-5:50pm  MW LA-108
84120 R.Ebert  4:00pm-5:50pm  TTH LA-108
83883 C.Decker  4:30pm-6:45pm  MTWTH LA-106
08/17/15-10/07/15  Last day to add: 08/24/15
SECT 83883: Fast Track class; see pages 178-184 for more info.
84121 R.Ebert  6:00pm-9:50pm  T LA-108
84145 S.Hanson  6:00pm-9:50pm  W LA-113
(more sections at Chino and Fontana)

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.
Materials Fee: 2.00  Non Credit Course
Grading: Pass/No Pass
83946 M.Olivera-LaVallee  8:00am-11:50am  F LA-113
08/17/15-12/18/15  Last day to add: 08/24/15
83944 M.Olivera-LaVallee  10:00am-11:50am  TTH LA-113
08/17/15-12/18/15  Last day to add: 08/24/15
83945 M.Olivera-LaVallee  2:00pm-3:50pm  TTH LA-113
08/17/15-12/18/15  Last day to add: 08/24/15

English as a Second Language (ESL)  909/652-6903

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: $4.00
Grading: Letter grade only
84021 D.Evans  10:00am-11:50am  TTH TA-1M
84209 B.Cortez  12:00pm-1:50pm  MW TA-1M
(more sections at Fontana)

ESL-508  Pronunciation of American English  3.00 UNITS
Prerequisite: Placement recommendation by the ESL assessment test into ESL-544, 546, or 548 or higher level course, or satisfactory completion of ESL-534, 536, or 538.
Intensive instruction speaking and pronunciation skills to improve fluency and minimize accents. Topics include: consonants and vowels, pitch and intonation patterns, rhythm, and sound reductions. Eight hours of supplemental learning in a Success Center that supports this course is required.
Materials Fee: $0.00  Not degree applicable
Grading: Pass/No Pass only
84081 L.Tougas  12:30pm-1:50pm  TTH TA-1N
(more sections at Fontana)

ESL-534  Intermediate Oral Communication  3.00 UNITS
Prerequisite: Placement recommendation by the ESL assessment test, or satisfactory completion of ESL-641.
A conversational approach to learning English. Conversation skills and language used in reading, listening, writing, and grammar form. Course builds overall fluency and comprehension. Eight hours of supplemental learning in a Success Center that supports this course is required.
Materials Fee: $0.00  Not degree applicable
Grading: Pass/No Pass only
84058 B.Quinones  9:30am-10:50am  TTH TA-08
84017 P.Do Carmo  11:00am-12:20pm  MW TA-08
(more sections at Fontana)

Additional sections of some classes may be available; check the Chino, Fontana, Ontario High School, and Hybrid/Online sections.
### ESL-538 Intermediate Writing and Grammar 3.00 UNITS
Prerequisite: Placement recommendation by the ESL assessment test, or satisfactory completion of ESL-641.
An intermediate level writing and grammar course, with focus on improving written grammar and fluency. Skills emphasis: tenses, mechanics, sentence structures, transitions, and basic paragraph structure. Eight hours of supplemental learning in a Success Center that supports this course is required.
Materials Fee: $0.00  Not degree applicable
Grading: Pass/No Pass only
84208 B. Cortez  8:00am-9:20am  MW  TA-1M
84022 D. Evans  12:30pm-1:50pm  TTH  TA-1M
(more sections at Fontana)

### ESL-544 High-Intermediate Oral Communication 3.00 UNITS
Prerequisite: Placement recommendation by the ESL assessment test, or satisfactory completion of ESL-534.
A communicative approach to learning English. Conversation strategies, pronunciation work, and directed listening activities help build strong fluency and comprehension. Eight hours of supplemental learning in a Success Center that supports this course is required.
Materials Fee: $0.00  Not degree applicable
Grading: Pass/No Pass only
84000 C. Barley  9:30am-10:50am  MW  TA-1N

### ESL-546 High-Intermediate Reading and Vocabulary 3.00 UNITS
Skills
Prerequisite: Placement recommendation by the ESL assessment test, or satisfactory completion of ESL-536.
A high-intermediate reading course. Emphasis is on independent reading, vocabulary enrichment and development, morphology, comprehension, reading for details, and critical thinking.
Materials Fee: $0.00  Not degree applicable
Grading: Pass/No Pass only
84002 C. Barley  12:30pm-1:50pm  MW  TA-1N
(more sections at Fontana)

#### ESL COURSE SEQUENCE

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**Additional sections of some classes may be available; check the Chino, Fontana, Ontario High School, and Hybrid/Online sections.**
### ESL-548  High-Intermediate Writing and Grammar  3.00 UNITS

**Prerequisite:** Placement recommendation by the ESL assessment test, or satisfactory completion of ESL-538.

A high-intermediate writing and grammar course. The focus moves the writer away from personal to academic writing. Emphasis: syntax, mechanics, usage, sentence types, paragraphs, purpose, and audience. Eight hours of supplemental learning in a Success Center that supports this course is required.

- **Materials Fee:** $0.00
- **Grading:** Pass/No Pass only

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<tr>
<th>SECTION #</th>
<th>INSTRUCTOR</th>
<th>HOURS</th>
<th>DAYS</th>
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</thead>
<tbody>
<tr>
<td>84207</td>
<td>STAFF</td>
<td>8:00am-9:20am</td>
<td>MW</td>
<td>TA-1N</td>
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</tbody>
</table>

### 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:** $0.00
- **Grading:** Pass/No Pass only

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<th>SECTION #</th>
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<td>84080</td>
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<tr>
<td>84060</td>
<td>B.Quinones</td>
<td>12:30pm-1:50pm</td>
<td>TTH</td>
<td>TA-08</td>
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</tbody>
</table>

### ESL-556  Advanced Reading and Vocabulary Skills  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:** $0.00
- **Grading:** Pass/No Pass only

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</table>

### 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.

- **Materials Fee:** $0.00
- **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.

- **Materials Fee:** $2.00
- **Grading:** Pass/No Pass

### 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.

- **Materials Fee:** $2.00
- **Grading:** Pass/No Pass

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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.

- **Materials Fee:** $2.00
- **Grading:** Pass/No Pass

### 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-1  Principles of Emergency Services  3.00 UNITS

Overview of fire protection and emergency services including the philosophy, history, evolution, organizational structure, functions of public and private fire protection services, and career opportunities.

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

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Additional sections of some classes may be available; check the Chino, Fontana, Ontario High School, and Hybrid/Online sections.
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<tr>
<td></td>
<td></td>
<td>Fundamentals of fire causation, spread, and control. In-depth study of fire chemistry and physics, characteristics of combustible and flammable substances, types of extinguishing agents, and fire control techniques. Materials Fee: $3.00 Transfer: CSU Grading: Letter grade only</td>
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<tr>
<td>86423 T.Morehead</td>
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<tr>
<td>FIRETEC-3</td>
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<td>3.00 UNITS</td>
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<td></td>
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<td>Design features and operation of fire detection and alarm systems, heat and smoke control systems, special protection and sprinkler systems, water supply for fire protection, and portable fire extinguishers. Materials Fee: $3.00 Transfer: CSU Grading: Letter grade only</td>
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<tr>
<td>86428 STAFF</td>
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<td>FIRETEC-4</td>
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<td>3.00 UNITS</td>
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<td></td>
<td></td>
<td>Components of building construction relating to fire safety. Effects of construction and structural design as key factors in building inspection, fire operations preplanning, and fire site operations. Materials Fee: $3.00 Transfer: CSU Grading: Letter grade only</td>
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<td>86431 STAFF</td>
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<tr>
<td>FIRETEC-5</td>
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<td>3.00 UNITS</td>
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<td>History and philosophy of fire prevention, organization and operation of a fire prevention bureau, use of fire codes, the identification and correction of fire hazards, fire investigation, and fire and life-safety education. Materials Fee: $3.00 Transfer: CSU Grading: Letter grade only</td>
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**French (FR)**

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

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

909/652-6404

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<tr>
<td>GEOG-1</td>
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<td>3.00 UNITS</td>
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<td>Survey of the physical, cultural, and economic features of the world’s regions and nations as interpreted by geographers. (C-ID GEOG 125) Materials Fee: $2.00 Transfer: CSU; UC Grading: Letter grade only</td>
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<tr>
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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: $2.00 Transfer: CSU; UC Grading: Letter grade only

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<tr>
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<td>1.00 UNITS</td>
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<td>On-site observation, interpretation, and analysis of climate, soils, landforms, plant, and animal distribution. Two Friday-through-Sunday field trips are a required part of this course. (C-ID GEOG 111) Materials Fee: $3.00 Transfer: CSU; UC Grading: Letter grade only</td>
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<tr>
<td>84784 M.Bayle</td>
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(C-ID GEOG 110)

**GEOG-6 Environmental Geography** 3.00 UNITS

Overview of migration, population, and cultural patterns in North America. Materials Fee: $2.00 Transfer: CSU; UC Grading: Letter grade only

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<td>Overview of migration, population, and cultural patterns in North America. Materials Fee: $2.00 Transfer: CSU; UC Grading: Letter grade only</td>
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<td>84787 P.Konovnitzine</td>
<td>9:30am-10:50am</td>
<td>TTH</td>
<td>PS-102</td>
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(Section at Chino)

**GEOG-11 Human Geography** 3.00 UNITS

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

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<td>Overview of migration, population, and cultural patterns in North America. Materials Fee: $2.00 Transfer: CSU; UC Grading: Letter grade only</td>
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(Section at Chino)

**GEOG-3 Global Geography** 3.00 UNITS

Overview of global spatial patterns and processes, including economic, social, and cultural systems and development. Materials Fee: $2.00 Transfer: CSU; UC Grading: Letter grade only

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<td>Overview of global spatial patterns and processes, including economic, social, and cultural systems and development. Materials Fee: $2.00 Transfer: CSU; UC Grading: Letter grade only</td>
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<td>TTH</td>
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(C-ID GEOG 120)

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

**CREDIT CARD USERS**

(VISA, MASTERCARD, AMERICAN EXPRESS AND DISCOVER)

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

(Also see Earth Science)

### 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: $15.00

Grading: Letter grade only

84571 C.Bacus 11:00am-2:30pm TTH HS-132

84572 J.Warger 12:30pm-1:50pm TTH PS-109

and 2:00pm-3:20pm TTH PS-109

### GEOL-2 Historical Geology

Advisory: Completion of GEOL-1.

History of the Earth and the evolution of life forms. Changes in tectonic plates and life forms through time, and the study of fossils. (C-ID GEOL 111)

Materials Fee: $15.00

Grading: Letter grade only

84574 A.Foutz 6:00pm-7:20pm MW PS-109

and 7:30pm-8:50pm MW PS-109

### Gerontology (GERO)

#### GERO-11 Introduction to Gerontology

**3.00 UNITS**

Interdisciplinary study of aging, aging services, community resources, careers in gerontology, ethical, legal, and policy issues. NOTE: Earns 54 hours of CE credit: RCFE, NHAP, BRN#00426, and BBS#2178.

Materials Fee: $1.00

Grading: Letter grade only

84561 C.Bacus 11:00am-2:30pm TTH HS-132

08/18/15-10/06/15 Last day to add: 08/24/15

SECT 84561: Fast Track class; see pages 178-184 for more info.

#### 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: $1.00

Grading: Letter grade only

84563 S.Yoakum 7:00pm-9:50pm W HS-101

#### GERO-22 Dying and Death

**3.00 UNITS**

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

Materials Fee: $1.00

Grading: Letter grade only

84564 C.Bacus 11:00am-2:30pm TTH HS-132

10/20/15-12/10/15 Last day to add: 10/22/15

SECT 84564: Fast Track class; see pages 178-184 for more info.
### Guidance (GUID)

**GUID-2  Essentials of Student Success  2.00 UNITS**

Designed to increase student proficiency and retention in college. Topics include: learning styles, study and time management techniques, motivation, library research methods, critical thinking, memory and reading strategies, and others. Materials Fee: $0.00  
Transfer: CSU  
Grading: Letter grade only  

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<td>WH-161</td>
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<td>85837</td>
<td>J.de Leon</td>
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<td>CAA-215</td>
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<td>WH-161</td>
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<td>08/17/15-10/07/15</td>
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<td>WH-161</td>
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(more sections at Chino and Fontana)

**GUID-3  Career Exploration and Life Planning  3.00 UNITS**

Career and life planning for students seeking direction in setting life, academic, and career goals. Topics include: problem-solving approaches; evaluation of values, interests, skills, and personality characteristics; academic learning strategies; and career investigation.  
Materials Fee: $0.00  
Transfer: CSU; UC credit limitations  
Grading: Letter grade only  

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<td>86316</td>
<td>B.Mansouri</td>
<td>11:00am-2:30pm</td>
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</tr>
<tr>
<td>08/18/15-10/06/15</td>
<td>Last day to add: 08/24/15</td>
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<tr>
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<tr>
<td>85670</td>
<td>STAFF</td>
<td>12:00pm-1:30pm</td>
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<td>and Online hours</td>
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<td>TH</td>
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</tbody>
</table>

(more sections at Fontana)

### 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.

### GUIDANCE 650

**GUID-507  Opening Doors to Student Effectiveness  3.00 UNITS**

Targeted to students in the Opening Doors to Excellence program designed to address the academic and personal challenges of student effectiveness. Three hours of supplemental learning in a Success Center that supports this course is required. Instructor signature required.  
Materials Fee: $0.00  
Not degree applicable  
Grading: Letter grade only  

<table>
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(more sections at Fontana)

### History (HIST)

**HIST-1  World History: Pre-Civilization to 1500  3.00 UNITS**

Prerequisite: Eligibility for ENGL-1A as determined by the Chaffey assessment process, or satisfactory completion of ENGL-475 or ESL-475. Comparative study of the world’s major civilizations from pre-history to 1500 in Eurasia, Africa, and the Americas. Similarities and differences between the civilizations and their influences on human history. (C-ID HIST 150)  
Materials Fee: $0.00  
Transfer: CSU; UC  
Grading: Letter grade only  

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<td>85126</td>
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(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-475 or ESL-475.
Cross-cultural study of the world’s major civilizations since 1500. Understanding the causes of the Rise of the West, the reaction of the non-Western world, and the ongoing dynamic of the “West versus the Rest” dialectic. (C-ID HIST 160)
Materials Fee: $0.00
Grading: Letter grade only

85214 A.Cruz 7:15am-10:45am MW SS-102
10/19/15-12/09/15 Last day to add: 10/22/15
SECT 85214: Fast Track class; see pages 178-184 for more info.

HIST-5 Early Western Civilizations 3.00 UNITS
Development of the cultural foundations of Western peoples from prehistoric times, through the era of Middle Eastern dominance, the Middle Ages, and the Renaissance period in Western Europe. (C-ID HIST 170)
Materials Fee: $0.00
Grading: Letter grade only

(SEctions at Chino and Fontana)

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

(SEction at Chino)

HIST-9 History of Asian Civilizations I 3.00 UNITS
Cultural development of Asian peoples from prehistoric times to the sixteenth century A.D., emphasizing religion and philosophy as well as early social and political institutions in China, India, Japan, and Korea.
Materials Fee: $0.00
Grading: Letter grade only

HIST-12 Asian American History 3.00 UNITS
Historical experience of the Asian-American community in the United States from the mid-nineteenth century to today. Issues confronted by Asian groups including cultural roots, immigration experiences, and settlement patterns.
Materials Fee: $0.00
Grading: Letter grade only

HIST-20 History of the United States from 1945 to the Present 3.00 UNITS
Advisory: Eligibility for ENGL-1A as determined by the Chaffey assessment process, or completion of ENGL-475 or ESL-475.
An analysis of recent American history from 1945 to the present, focusing on events, movements and trends.
Materials Fee: $0.00
Grading: Letter grade only

(SEction at Fontana)
HIST-25  Women in United States History  3.00 UNITS
Survey of the history of women in America from the colonial period to the present with emphasis on relevant political, economic, and social factors.
Materials Fee: $0.00  Transfer: CSU; UC
Grading: Letter grade only
85227 A.Cruz  8:00am-9:20am TTH SS-102

HIST-40  Retrospective of World War II  3.00 UNITS
World War II impact on history, sociology, philosophy, literature, the arts, business and technology, psychology, science, politics, religion, economics and sports.
Materials Fee: $0.00  Transfer: CSU; UC
Grading: Letter grade only
85230 D.Loomis  11:00am-12:20pm MW SS-113

HIST-50  African-American History I  3.00 UNITS
History of African Americans from their African heritage to their emancipation in 1865.
Materials Fee: $0.00  Transfer: CSU; UC
Grading: Letter grade only
85285 A.Cruz  11:00am-12:20pm MW SS-102

HIST-70  Chicanos: Common History of Mexico and The United States  3.00 UNITS
The historical relationship between Mexico and the United States from Native American roots to the present day. Examination of the Spanish and British colonial systems, processes of independence and nation-building.
Materials Fee: $0.00  Transfer: CSU; UC
Grading: Letter grade only
85340 M.Bobo  11:00am-12:20pm MW SS-100
85354 F.Melo  3:30pm-4:50pm TTH SS-103

HUMAN-5  Arts and Ideas: Antiquity to Renaissance  3.00 UNITS
Prerequisite: Eligibility for ENGL-1A as determined by the Chaffey assessment process, or satisfactory completion of ENGL-475 or ESL-475.
An interdisciplinary study of the movements in art, music, literature, and philosophy from Ancient Western Civilization to the 1500s within a cultural and historical perspective.
Materials Fee: $0.00  Transfer: CSU; UC
Grading: Letter grade only
85389 D.Loomis  9:30am-10:50am TTH SS-113
86204 S.Logan  12:00pm-2:50pm SU SS-101
85404 D.Loomis  12:30pm-1:50pm TTH SS-113

Industrial Electrical Technologies (IET)
(See Chino Section)  909/652-7657

Interior Design (ID)
(See Chino Section)  909/652-8010

Journalism (JOUR)
909/652-6902

JOUR-10  Newswriting  3.00 UNITS
Prerequisite: Eligibility for ENGL-1A as determined by the Chaffey assessment process, or completion of ENGL-475 or ESL-475.
Selecting information and writing news stories in a clear and concise manner, with focus on fundamentals of correct grammar and spelling. News copy preparation and formatting. Legal and ethical issues facing journalists.
(C-ID JOUR 110)
Materials Fee: $2.00  Transfer: CSU; UC
Grading: Letter grade only
84054 M.Muckenfuss  5:30pm-6:50pm MW WH-071

JOUR-30  Student Media Practicum I  3.00 UNITS
Prerequisite: Eligibility for ENGL-475 or higher level English as determined by the Chaffey assessment process, or completion of ENGL-575.
Experience in planning, editing, and producing a bi-weekly student newspaper. Students write stories, editorials, reviews, and headlines; design the layout; edit copy; take, print, and edit photos; design/layout pages; and distribute the finished paper.
(C-ID JOUR 130)
Materials Fee: $3.00  Transfer: CSU
Grading: Letter grade only
83888 M.Dowd  2:00pm-2:50pm MW WH-071
and  3:00pm-4:20pm MW WH-071

JOUR-31  Student Media Practicum II  3.00 UNITS
Prerequisite: JOUR-30.
Leadership/management roles in the planning, editing, and production of a bi-weekly student newspaper. Students write stories, editorials, reviews, and headlines; edit copy; take, print, and edit photos; design/layout pages; and distribute the finished paper.
(C-ID JOUR 131)
Materials Fee: $3.00  Transfer: CSU
Grading: Letter grade only
83889 M.Dowd  6:00pm-6:50pm TH WH-071
and  7:00pm-8:20pm TH WH-071
and  Online hours INET
08/17/15-12/18/15 Last day to add: 08/24/15
SECT 83889: Hybrid class; see page 160 for more info.
<table>
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<td>F. Stewart</td>
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<td>G-203</td>
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<tr>
<td>85095</td>
<td>D. Bednarczyk</td>
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<td>85096</td>
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<tr>
<td>85097</td>
<td>F. Stewart</td>
<td>8:00am-9:20am</td>
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**FEE PAYMENTS**

Students receiving Financial Aid, 3rd party sponsored billing, and students enrolled in the Facts Payment plan 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 13-15 and Payment Date Due Chart on page 17.

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  
Grading: Letter grade only  
<table>
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<td>85208 J.Harlow</td>
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<tr>
<td>85550 J.Harlow</td>
<td>8:00am-9:20am</td>
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<tr>
<td>85099 C.Knight-Garcia</td>
<td>9:30am-10:50am</td>
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**SECTION 85099:** This class is targeted to DPS students.

**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: $1.00  
Grading: Letter grade only  
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**KINACT-29C**  Advanced Body Conditioning  1.00 UNITS  
Prerequisite: KINACT-29B.  
Advanced exercises for development of the major muscle groups with emphasis on muscular strength, endurance, flexibility, plyometrics and Olympic strength training.  
Materials Fee: $1.00  
Grading: Letter grade only  
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</table>

**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  
Grading: Letter grade only  
<table>
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<td>G-GYM</td>
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</table>

**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  
Grading: Letter grade only  
<table>
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<td>G-TRACK</td>
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**KINLEC-2**  Introduction to Athletic Training  3.00 UNITS  
Advisory: Possession of current first-aid and cardiopulmonary resuscitation cards.  
Concepts of prevention, recognition, emergency care, evaluation, management, treatment and rehabilitation and reconditioning resulting from physical activity and athletics. Course is intended for students interested in pursuing careers as Athletic Trainers and/or Coaches.  
Materials Fee: $2.00  
Grading: Letter grade only  
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**KINLEC-11**  Theory and Analysis of Football  2.00 UNITS  
Comprehensive video review of football techniques by football coaches. Video tape from four-year colleges, community colleges, and high schools is reviewed and analyzed. For physical education majors who want to coach football.  
Materials Fee: $2.00  
Grading: Letter grade only  
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<td>MTWTH</td>
<td>G-134</td>
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**KINLEC-13**  Professional Activities: Coaching Team  3.00 UNITS  
Sports  
Information and experience for prospective players, coaches, and teachers. Introduction to the physical, mental, and emotional aspects of playing and coaching competitive sports.  
Materials Fee: $3.00  
Grading: Letter grade only  
<table>
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**KINLEC-14**  Lifeguard Training  3.00 UNITS  
Limitation on Enrollment: Students must be able to: (a) Swim 300 yards continuously, and (b) Starting in the water, swim 20 yards using front crawl or breaststroke, surface dive 7-10 feet, retrieve a 10-pound object, return to the surface, swim 20 yards back to the starting point with the object, and exit the water without using a ladder or steps, all within 1 minute, 40 seconds.  
Course is designed primarily for special interest groups responsible for preventing water accidents and performing water rescues. Information and practice to develop functional water rescues and accident prevention required by lifeguard crews. Upon successful completion of this course, students may receive the following American Red Cross Certificates: Lifeguard Training, Standard First Aid, and CPR for the Professional Rescuer.  
Materials Fee: $3.00  
Grading: Letter grade only  
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<td>G-135</td>
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Additional sections of some classes may be available; check the Chino, Fontana, Ontario High School, and Hybrid/Online sections.
### 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

### 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. (C-ID KIN 101)
Materials Fee: $4.00   Transfer: CSU; UC 
Grading: Letter grade only

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

### KINLEC-18  Introduction to Kinesiology  3.00 UNITS
Introduction to an interdisciplinary approach to the study of human movement. An overview of the importance of the sub-disciplines in kinesiology is discussed, along with career opportunities in the areas of teaching, coaching, allied health, and fitness professions. (C-ID KIN 100)
Materials Fee: $4.00   Transfer: CSU; UC 
Grading: Letter grade only

### KINLEC-19  Practical Applications in Athletic Training I  2.00 UNITS
Prerequisite: KINLEC-2. Course provides first semester students with the opportunity to observe and learn the basic principles and protocols of athletic training during day-to-day sports activities in a supervised lab setting. Emphasis on prevention, care, evaluation, treatment and rehabilitation for the lower extremities. Helps prepare students for transfer to a Commission on Accreditation of Athletic Training Education (CAATE) accredited athletic training program. 
Materials Fee: $4.00   Transfer: CSU 
Grading: Letter grade only

### KINLEC-20  Practical Applications in Athletic Training II  2.00 UNITS
Prerequisite: KINLEC-19. Course provides second semester students with the opportunity to observe and learn the basic principles and protocols of athletic training during day-to-day sports activities in a supervised lab setting. Emphasis on prevention, care, evaluation, treatment, and rehabilitation for the upper extremities. Helps prepare students for transfer to a Commission on Accreditation of Athletic Training Education (CAATE) accredited athletic training program. 
Materials Fee: $4.00   Transfer: CSU 
Grading: Letter grade only

### Need Help with the Cost of Textbooks?
Chaffey’s Emergency Book Grant and Textbook Rental programs can assist you. For details about the book grants, please call 909/652-6540 or 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.
KINLEC-22 Practical Applications in Athletic Training III 2.50 UNITS
Prerequisite: KINLEC-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: $4.00  Transfer: CSU  Letter grade only
85150 STAFF  9:00am-10:00am  F  G-135  96-108 hrs/term arranged
08/17/15-12/18/15 Last day to add: 08/24/15
SECT 85150: Classroom meetings every other Friday: 08/21, 09/04, 09/18, 10/02, 10/16, 10/30, 11/13, and 12/04.

KINLEC-24 Biomechanics 3.00 UNITS
Advisory: Completion of BIOL-20.
Anatomical and mechanical study of motion as it pertains to exercise and sport, including muscles, joints, bones, nerves, and muscle analysis of movement patterns.
Materials Fee: $2.00  Transfer: CSU; UC  Letter grade only
85111 D.Bednarczyk  8:00am-9:20am  MW  G-135

KINLEC-32 Outdoor Adventure(s) 2.00 UNITS
Advisory: Comfort in an outdoors environment and good physical fitness are recommended for course success.
Techniques of environmentally-sensitive backpacking, including selecting equipment, group planning, conditioning, safety, first aid, and survival information. Field trips are required; there is a nominal fee for the trips.
Materials Fee: $3.00  Transfer: CSU; UC  Letter grade only
85772 P.Roberts  11:00am-12:00pm  MW  G-133
08/17/15-10/19/15 Last day to add: 08/24/15
SECT 85772: A three-day field trip to the Sierras scheduled for Oct. 16-18 or weekend trips to local mountains is a required part of this class. There are fees for the field trip.

Kinesiology: Team (KINTM)
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: $1.00  Transfer: CSU; UC  Letter grade only
85204 P.Harris  3:00pm-4:51pm  MTWTH  G-GYM
08/17/15-09/30/15 Last day to add: 08/23/15
SECT 85204: Instructor signature required for enrollment.

KINTM-11 Swimming Team Activity, Men and Women 1.00 UNITS
Limitation on Enrollment: Enrollment is based on a successful tryout, as above average swimming ability is required.
Open-entry/exit activity course teaching the rules and fundamental skills involved in competitive swimming strokes. Designed for students interested in competitive swimming. May be taken 4 times.
Materials Fee: $1.00  Transfer: CSU; UC  Letter grade only
85154 M.Dickson  6:00am-7:20am  TTH  G-POOL
SECT 85154: Instructor signature required for enrollment.
85166 J.Spalding  6:00am-7:20am  WF  G-POOL
SECT 85166: Instructor signature required for enrollment.

KINTM-12 Track and Field Team Activity, Men 1.00 UNITS
Limitation on Enrollment: Enrollment is based on a successful tryout.
Specific experience in track and field, with emphasis on fundamental theory and advanced skills. Designed for men interested in competitive track and field events at the college level. May be taken 4 times.
Materials Fee: $1.00  Transfer: CSU; UC  Letter grade only
85170 B.Ihem  2:30pm-3:50pm  MW  G-TRACK
SECT 85170: Instructor signature required for enrollment.

KINTM-13 Track and Field Team Activity, Women 1.00 UNITS
Limitation on Enrollment: Enrollment is based on a successful tryout.
Specific experience in track and field, with emphasis on fundamental theory and advanced skills. Designed for women interested in competitive track and field events at the college level. May be taken 4 times.
Materials Fee: $1.00  Transfer: CSU; UC  Letter grade only
85174 B.Ihem  2:30pm-3:50pm  MW  G-TRACK
SECT 85174: Instructor signature required for enrollment.

KINTM-18 Beginning Dance/cheer Team 1.00 UNITS
Limitation on Enrollment: Admission is by audition.
Advisory: Previous dance training is recommended. Beginning skills in cheer techniques, conditioning, jumping, and dance. Course is for students who will represent the college at athletic contests, national dance competitions, and community events. Instructor consent required for enrollment.
Materials Fee: $1.00  Transfer: CSU; UC  Letter grade only
85180 R.Fawcett  6:30pm-7:50pm  MW  G-GYM
SECT 85180: Instructor signature required for enrollment.

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

Additional sections of some classes may be available; check the Chino, Fontana, Ontario High School, and Hybrid/Online sections.
<table>
<thead>
<tr>
<th>SECTION #</th>
<th>INSTRUCTOR</th>
<th>HOURS</th>
<th>DAYS</th>
<th>ROOM</th>
</tr>
</thead>
<tbody>
<tr>
<td>KINTM-27</td>
<td>Baseball Team Class, Men 2.00 UNITS</td>
<td>2.00</td>
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</tr>
<tr>
<td></td>
<td>Limitation on Enrollment: Enrollment is based on a successful tryout. Course is designed for men interested in playing intercollegiate baseball. Instructor consent required for enrollment. May be taken 4 times. Materials Fee: $2.00 Transfer: CSU; UC credit limitations Grading: Letter grade only</td>
<td></td>
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<tr>
<td>85532 J.Harlow</td>
<td>2:00pm-4:50pm MTTH G-BB/FIELD</td>
<td>09/01/15-11/24/15</td>
<td>Last day to add: 09/16/15</td>
<td>SECT 85532: Instructor signature required for enrollment.</td>
</tr>
<tr>
<td>KINTM-41</td>
<td>Intercollegiate Football 3.00 UNITS</td>
<td>3.00</td>
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<tr>
<td></td>
<td>Limitation on Enrollment: Enrollment is restricted to student athletes who meet both skill and eligibility requirements. Advanced skills for competing in football contests. Information and daily practice to develop a high level of proficiency in football skills and techniques. Instructor consent required for enrollment. May be taken 4 times. Materials Fee: $3.00 Transfer: CSU; UC credit limitations Grading: Letter grade only</td>
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<tr>
<td>85773 R.Hadaway</td>
<td>175 hrs/term arranged G-UF/FIELD</td>
<td>08/17/15-12/12/15</td>
<td>Last day to add: 11/02/15</td>
<td>SECT 85773: See instructor during first week of term for meeting times. Instructor signature required for enrollment.</td>
</tr>
<tr>
<td>KINTM-42</td>
<td>Intercollegiate Volleyball Team, Women 3.00 UNITS</td>
<td>3.00</td>
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</tr>
<tr>
<td></td>
<td>Limitation on Enrollment: Enrollment is restricted to student athletes who meet both skill and eligibility requirements. Opportunity for women to compete at the intercollegiate level in volleyball. Instructor consent required for enrollment. May be taken 4 times. Materials Fee: $2.00 Transfer: CSU; UC credit limitations Grading: Letter grade only</td>
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<tr>
<td>84599 L.Chowen</td>
<td>175 hrs/term arranged SPRT-GYM</td>
<td>08/17/15-12/06/15</td>
<td>Last day to add: 11/08/15</td>
<td>SECT 84599: See instructor during first week of term for meeting times. Instructor signature required for enrollment.</td>
</tr>
<tr>
<td>KINTM-45</td>
<td>Intercollegiate Water Polo Team, Men 3.00 UNITS</td>
<td>3.00</td>
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<tr>
<td></td>
<td>Limitation on Enrollment: Enrollment is restricted to student athletes who meet both skill and eligibility requirements. Intercollegiate water polo team involving advanced knowledge and skills of all aspects of competitive play. Instructor consent required for enrollment. May be taken 4 times. Materials Fee: $2.00 Transfer: CSU; UC credit limitations Grading: Letter grade only</td>
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<tr>
<td>84600C.Carlson</td>
<td>175 hrs/term arranged G-POOL</td>
<td>08/17/15-11/21/15</td>
<td>Last day to add: 10/28/15</td>
<td>SECT 84600: See instructor during first week of term for meeting times. Instructor signature required for enrollment.</td>
</tr>
<tr>
<td>KINTM-54</td>
<td>Intercollegiate Soccer Team, Men 3.00 UNITS</td>
<td>3.00</td>
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</tr>
<tr>
<td></td>
<td>Limitation on Enrollment: Enrollment is restricted to student athletes who meet both skill and eligibility requirements. Opportunity for men to compete at the intercollegiate level in soccer. Instructor consent required for enrollment. May be taken 4 times. Materials Fee: $2.00 Transfer: CSU; UC credit limitations Grading: Letter grade only</td>
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</tr>
<tr>
<td>84601 B.Cooper</td>
<td>175 hrs/term arranged G-SC/FIELD</td>
<td>08/17/15-12/06/15</td>
<td>Last day to add: 11/08/15</td>
<td>SECT 84601: See instructor during first week of term for meeting times. Instructor signature required for enrollment.</td>
</tr>
<tr>
<td>KINTM-55</td>
<td>Intercollegiate Soccer Team, Women 3.00 UNITS</td>
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<tr>
<td></td>
<td>Limitation on Enrollment: Enrollment is restricted to student athletes who meet both skill and eligibility requirements. Opportunity for women to compete at the intercollegiate level in soccer. Instructor consent required for enrollment. May be taken 4 times. Materials Fee: $2.00 Transfer: CSU; UC credit limitations Grading: Letter grade only</td>
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<tr>
<td>84602 G.Cooper</td>
<td>175 hrs/term arranged G-SC/FIELD</td>
<td>08/17/15-12/06/15</td>
<td>Last day to add: 11/08/15</td>
<td>SECT 84602: See instructor during first week of term for meeting times. Instructor signature required for enrollment.</td>
</tr>
<tr>
<td>KINTM-56A</td>
<td>Intercollegiate Basketball Team, Women 1.50 UNITS (Fall)</td>
<td>1.50</td>
<td></td>
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</tr>
<tr>
<td></td>
<td>Limitation on Enrollment: Enrollment is restricted to student athletes who meet both skill and eligibility requirements. Opportunity for women to compete at the intercollegiate level in basketball during the Fall semester pre-season and non-conference schedule. Instructor consent required for enrollment. May be taken 4 times. Materials Fee: $2.00 Transfer: CSU; UC credit limitations Grading: Letter grade only</td>
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</tr>
<tr>
<td>84603 L.Burnett</td>
<td>175 hrs/term arranged SPRT-GYM</td>
<td>10/01/15-12/31/15</td>
<td>Last day to add: 12/08/15</td>
<td>SECT 84603: See instructor during first week of term for meeting times. Instructor signature required for enrollment.</td>
</tr>
<tr>
<td>KINTM-57A</td>
<td>Intercollegiate Basketball Team, Men 1.50 UNITS (Fall)</td>
<td>1.50</td>
<td></td>
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</tr>
<tr>
<td></td>
<td>Limitation on Enrollment: Enrollment is restricted to student athletes who meet both skill and eligibility requirements. Opportunity for men to compete at the intercollegiate level in basketball in the Fall semester pre-season and non-conference schedule. Instructor consent required for enrollment. May be taken 4 times. Materials Fee: $2.00 Transfer: CSU; UC credit limitations Grading: Letter grade only</td>
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<tr>
<td>84604 P.Harris</td>
<td>175 hrs/term arranged G-GYM</td>
<td>10/01/15-12/31/15</td>
<td>Last day to add: 12/08/15</td>
<td>SECT 84604: See instructor during first week of term for meeting times. Instructor signature required for enrollment.</td>
</tr>
<tr>
<td>KINTM-59</td>
<td>Intercollegiate Water Polo Team, Women 3.00 UNITS</td>
<td>3.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Limitation on Enrollment: Enrollment is restricted to student athletes who meet both skill and eligibility requirements. Intercollegiate women’s water polo team, involving skills and knowledge of all aspects of competitive play. Instructor consent required for enrollment. May be taken 4 times. Materials Fee: $2.00 Transfer: CSU; UC credit limitations Grading: Letter grade only</td>
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</tr>
<tr>
<td>84639 J.Spalding</td>
<td>175 hrs/term arranged G-POOL</td>
<td>08/17/15-11/21/15</td>
<td>Last day to add: 10/28/15</td>
<td>SECT 84639: See instructor during first week of term for meeting times. Instructor signature required for enrollment.</td>
</tr>
</tbody>
</table>

**FEE REFUNDS**

Refunds of $20 or more are automatically processed. Refunds of less than $20 must be requested prior to the end of the semester. See page 15 for more information on the refund policy and processes.
### KINTM-61A Basketball Strength and Conditioning for 0.50 UNITS Athletes

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

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

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

<table>
<thead>
<tr>
<th>SECTION #</th>
<th>INSTRUCTOR</th>
<th>HOURS</th>
<th>DAYS</th>
<th>ROOM</th>
</tr>
</thead>
<tbody>
<tr>
<td>85713</td>
<td>P. Roberts</td>
<td>3:00pm-3:50pm</td>
<td>MWTWH</td>
<td>G-111</td>
</tr>
</tbody>
</table>
| 08/15-11/02/15 | Last day to add: 08/24/15 | SECT 85713: This section is for male basketball athletes. Instructor signature required for enrollment.
| 85753     | P. Roberts | 5:00pm-5:50pm | MWTWH | G-111 |
| 08/15-11/02/15 | Last day to add: 08/24/15 | SECT 85753: This section is for male basketball athletes. Instructor signature required for enrollment.

### KINTM-62A Football Strength and Conditioning for 0.50 UNITS Athletes

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

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

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

<table>
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<tr>
<th>SECTION #</th>
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<th>HOURS</th>
<th>DAYS</th>
<th>ROOM</th>
</tr>
</thead>
<tbody>
<tr>
<td>85707</td>
<td>P. Roberts</td>
<td>8:30am-9:20am</td>
<td>MW</td>
<td>G-111</td>
</tr>
</tbody>
</table>
| 08/15-12/02/15 | Last day to add: 08/24/15 | SECT 85707: Instructor signature required for enrollment.
| 85708     | P. Roberts | 1:00pm-1:50pm | MW   | G-111 |
| 08/15-12/02/15 | Last day to add: 08/24/15 | SECT 85708: Instructor signature required for enrollment.
| 85711     | P. Roberts | 2:00pm-2:50pm | MW   | G-111 |
| 08/15-12/02/15 | Last day to add: 08/24/15 | SECT 85711: Instructor signature required for enrollment.

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

<table>
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<tr>
<th>SECTION #</th>
<th>INSTRUCTOR</th>
<th>HOURS</th>
<th>DAYS</th>
<th>ROOM</th>
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<tbody>
<tr>
<td>85712</td>
<td>P. Roberts</td>
<td>3:00pm-3:50pm</td>
<td>MWTWH</td>
<td>G-111</td>
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</tbody>
</table>
| 08/15-12/09/15 | Last day to add: 08/24/15 | SECT 85712: Instructor signature required for enrollment.

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

<table>
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<tr>
<th>SECTION #</th>
<th>INSTRUCTOR</th>
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<tr>
<td>85762</td>
<td>P. Roberts</td>
<td>6:30am-7:20am</td>
<td>MTTH</td>
<td>G-111</td>
</tr>
</tbody>
</table>
| 08/15-12/26/15 | Last day to add: 08/24/15 | SECT 85762: This section is for female water polo athletes. Instructor signature required for enrollment.

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

<table>
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<th>SECTION #</th>
<th>INSTRUCTOR</th>
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<tbody>
<tr>
<td>85706</td>
<td>P. Roberts</td>
<td>12:00pm-12:50pm</td>
<td>TTH</td>
<td>G-111</td>
</tr>
</tbody>
</table>
| 08/25-12/08/15 | Last day to add: 08/24/15 | SECT 85706: Instructor signature required for enrollment.
| 85696     | P. Roberts | 1:00pm-1:50pm | TTH  | G-111 |
| 08/25-12/08/15 | Last day to add: 08/24/15 | SECT 85696: Instructor signature required for enrollment.

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

**Limitation on Enrollment:** Concurrent or previous enrollment in any Track/Field KINTM course.

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

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

<table>
<thead>
<tr>
<th>SECTION #</th>
<th>INSTRUCTOR</th>
<th>HOURS</th>
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<th>ROOM</th>
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<tbody>
<tr>
<td>85209</td>
<td>B. Ithem</td>
<td>4:00pm-5:10pm</td>
<td>MWTH</td>
<td>G-205</td>
</tr>
</tbody>
</table>
| 08/15-12/08/15 | Last day to add: 08/24/15 | SECT 85209: Instructor signature required for enrollment.

### Management (MGMT)

(See Business: Management)

### Mathematics (MATH)

(Also see Statistics)  
909/652-6403

MATH-4 Mathematical Concepts for Elementary School Teachers  
4.00 UNITS

**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.

(C-ID MATH 120)

<table>
<thead>
<tr>
<th>SECTION #</th>
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<th>DAYS</th>
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<tbody>
<tr>
<td>84855</td>
<td>L. Nemeth</td>
<td>10:00am-11:50am</td>
<td>MW</td>
<td>VSS-108</td>
</tr>
</tbody>
</table>

### UNIT LIMIT

Students exceeding 100 units earned (excluding 500-level courses) lose their registration priority.

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

---

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

MATH 510 Arithmetic

MATH 610, 625 Review of Arithmetic and Algebra

MATH 520 Pre-Algebra

MATH 410 Elementary Algebra

MATH 401 Math for Health Science

MATH 425 Intermediate Algebra

STAT 10 * Elementary Statistics

MATH 25 College Algebra

MATH 4 Math Concepts for Teachers

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

Further Studies in Mathematics

MATH 25 College Algebra

MATH 3 Discrete Math

MATH 31 Plane Trigonometry

MATH 60 Business Calculus

MATH 61 Pre-Calculus

MATH 65A Calculus I

MATH 65B Calculus II

MATH 75 Calculus III

MATH 85 Differential Equations

MATH 81 Linear Algebra

Mathematics To Transfer

MATH 510 Arithmetic

MATH 610, 625 Review of Arithmetic and Algebra

MATH 520 Pre-Algebra

MATH 410 Elementary Algebra

MATH 401 Math for Health Science

MATH 425 Intermediate Algebra

STAT 10 * Elementary Statistics

MATH 25 College Algebra

MATH 4 Math Concepts for Teachers

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

Further Studies in Mathematics

MATH 25 College Algebra

MATH 3 Discrete Math

MATH 31 Plane Trigonometry

MATH 60 Business Calculus

MATH 61 Pre-Calculus

MATH 65A Calculus I

MATH 65B Calculus II

MATH 75 Calculus III

MATH 85 Differential Equations

MATH 81 Linear Algebra

Mathematics To Transfer

MATH 510 Arithmetic

MATH 610, 625 Review of Arithmetic and Algebra

MATH 520 Pre-Algebra

MATH 410 Elementary Algebra

MATH 401 Math for Health Science

MATH 425 Intermediate Algebra

STAT 10 * Elementary Statistics

MATH 25 College Algebra

MATH 4 Math Concepts for Teachers

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><strong>MATH-60</strong></td>
<td>Calculus for Business</td>
<td>4.00 UNITS</td>
<td></td>
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</tr>
<tr>
<td>Prerequisite: Eligibility for MATH-31 as determined by the Chaffey assessment process, or completion of MATH-25. Techniques of calculus as applied to problem solving in business and economics, including limits, continuity, differentiation and integration in one and several dimensions, optimization, and transcendental functions. (C-ID MATH 140)</td>
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<td>Materials Fee: $1.00</td>
<td>Transfer: CSU; UC</td>
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<tr>
<td>Grading: Letter grade only</td>
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<tr>
<td>84947</td>
<td>R.Kopp</td>
<td>7:30am-9:20am</td>
<td>TTH</td>
<td>PS-123</td>
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<tr>
<td>84948</td>
<td>STAFF</td>
<td>5:00pm-6:50pm</td>
<td>MW</td>
<td>PS-102</td>
</tr>
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| **MATH-61** | Pre-Calculus | 4.00 UNITS |
| Prerequisite: Eligibility for MATH-61 as determined by the Chaffey assessment process, or completion of MATH-25 and 31. Further studies in algebra and trigonometry for students intending to take calculus. NOTE: A graphing calculator is required; students should see instructor for specifics, since CAS-based calculators may be prohibited. |
| Materials Fee: $1.00 | Transfer: CSU; UC credit limitations |
| Grading: Letter grade only |
| 84949 | D.Yegge | 10:00am-12:15pm MTWTH | MATH-112 |
| 10/19-12/15/15 | Last day to add: 10/22/15 |
| SECT 84949: Fast Track class linked with MATH-31, section 84850. See pages 178-184 for more info. |
| 84950 | D.Yegge | 2:00pm-3:50pm | TTH | MATH-114 |
| 84951 | R.Barraza | 7:00pm-8:50pm | MW | MATH-114 |
| (more sections at Chino) |

| **MATH-65A** | Calculus I | 4.00 UNITS |
| Prerequisite: MATH-61. Functions; limits and continuity; differentiation of algebraic, trigonometric, logarithmic, and exponential functions with applications; introduction to integration and the definite integral with applications. Students may be required to obtain a graphing utility for the course. (C-ID MATH 211) |
| Materials Fee: $1.00 | Transfer: CSU; UC |
| Grading: Letter grade only |
| 84957 | M.Wardak | 7:30am-9:20am | MW | MATH-114 |
| 84958 | J.Brouwer | 10:00am-11:50am | TTH | MATH-114 |
| 84955 | R.Kopp | 12:00pm-1:50pm | TTH | MATH-114 |
| 84956 | R.Barraza | 5:00pm-6:50pm | MW | MATH-114 |

| **MATH-65B** | Calculus II | 4.00 UNITS |
| Prerequisite: MATH-65A. Applications of the definite integral including area, volume, arc length, surfaces of revolution, and more. Students may be required to obtain a graphing utility for the course. (C-ID MATH 211) |
| Materials Fee: $1.00 | Transfer: CSU; UC |
| Grading: Letter grade only |
| 84960 | A.Roebeck | 7:30am-9:20am | TTH | MATH-114 |
| 84959 | M.Tavakoli | 2:00pm-3:50pm | MW | MATH-114 |
| 84961 | D.Valdez | 7:00pm-8:50pm | TTH | MATH-114 |

| **MATH-75** | Calculus III | 5.00 UNITS |
| Prerequisite: MATH-65B. Vectors; lines, planes, and surfaces in space; cylindrical and spherical coordinates; vector-valued functions; functions of several variables; differential calculus; and more. Students may be required to obtain a graphing utility for the course. (C-ID MATH 230) |
| Materials Fee: $1.00 | Transfer: CSU; UC |
| Grading: Letter grade only |
| 84962 | M.Tavakoli | 9:30am-11:50am | MW | MATH-114 |
| 84963 | D.Valdez | 4:30pm-6:50pm | TTH | MATH-114 |

| **MATH-85** | Differential Equations | 4.00 UNITS |
| Prerequisite: MATH-75. Advisory: Prior experience with a graphing calculator is needed. Methods of solving ordinary differential equations, including existence of solutions, series solutions, and singular points. Laplace transforms and linear systems. A graphing utility is required for this course; see instructor for details since CAS-based calculators may be prohibited. (C-ID MATH 240) |
| Materials Fee: $1.00 | Transfer: CSU; UC |
| Grading: Letter grade only |
| 84964 | J.Fay | 2:00pm-3:50pm | MW | MATH-113 |

| **MATH-401** | Mathematics for Health Science | 1.00 UNITS |
| 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 |
| 84856 | STAFF | 12:00pm-1:20pm | TTH | VSS-208 |
| 09/13-10/19/15 | Last day to add: 09/22/15 |
| 84857 | STAFF | 12:00pm-1:20pm | TTH | VSS-208 |
| 10/13-11/19/15 | Last day to add: 10/14/15 |
| 84858 | L.Ting | 2:00pm-3:20pm | TTH | VSS-208 |
| 10/13-11/19/15 | Last day to add: 10/14/15 |

| **MATH-410** | Elementary Algebra | 4.00 UNITS |
| Prerequisite: Eligibility for MATH-410 as determined by the Chaffey assessment process, or completion of MATH-520. Algebraic operations of addition, subtraction, multiplication, and division. Additional topics include special products and factoring, rational expressions and their operations, solution and application of linear and rational equations, graphing of linear equations in two variables, solving linear systems of two equations, and determining the equation of a line. |
| Materials Fee: $1.00 | |
| Grading: Letter grade only |
| 84860 | D.Yegge | 7:30am-9:45am | MTWTH | MATH-112 |
| 08/17-10/07/15 | Last day to add: 08/24/15 |
| SECT 84860: Fast Track class linked with MATH-425, section 84894. See pages 178-184 for more info. |
| 84864 | J.August | 7:30am-9:45am | MTWTH | VSS-108 |
| 08/17-10/15/15 | Last day to add: 08/24/15 |
| SECT 84864: Fast Track class; see pages 178-184 for more info. |
| 84870 | J.August | 7:30am-9:45am | MTWTH | VSS-108 |
| 10/19-12/10/15 | Last day to add: 10/22/15 |
| SECT 84870: Fast Track class; see pages 178-184 for more info. |
| 84886 | C.Lee | 7:30am-9:20am | MW | VSS-201 |
| 84880 | K.Pender | 7:30am-9:20am | TTH | VSS-201 |
| 84892 | S.Kassman | 9:00am-12:50pm | S | MATH-114 |
| 84887 | M.Khou | 10:00am-11:50am | MW | VSS-201 |
| 84865 | A.Roebeck | 10:00am-11:50am | TTH | VSS-108 |
| 84878 | M.Khou | 10:00am-11:50am | TTH | VSS-208 |
| 84881 | N.Jacobs | 10:00am-11:50am | TTH | VSS-201 |
| 84872 | L.Nemeth | 12:00pm-1:50pm | MW | MATH-114 |
| 84888 | D.Rahman | 12:00pm-1:50pm | MW | VSS-201 |
| 84879 | N.Jacobs | 12:00pm-1:50pm | TTH | HS-108 |
| 84882 | J.Brouwer | 12:00pm-1:50pm | TTH | VSS-201 |
| 84861 | T.Jenkins | 12:30pm-2:45pm | MTWTH | MATH-112 |
| 08/17-10/07/15 | Last day to add: 08/24/15 |
| SECT 84861: Fast Track class; see pages 178-184 for more info. |

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

**4.0 UNITS**

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

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

Materials Fee: $1.00

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.
ATTENTION MATH-510 AND MATH-520 STUDENTS
There is an additional fee for the MyMathLab software used in these courses.

MATH-510  Arithmetic  4.00 UNITS
Prerequisite: Eligibility for MATH-510 as determined by the Chaffey assessment process.
Complete study of arithmetic, including whole numbers, fractions, decimals, ratios, proportions, measurement, percents, and signed numbers. Four hours of supplemental learning in a Success Center that supports this course is required.
Materials Fee: $1.00
Grading: Letter grade only

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MATH-520  Pre-Algebra  4.00 UNITS
Prerequisite: Eligibility for MATH-520 as determined by the Chaffey assessment process, or completion of MATH-510.
For students preparing for elementary algebra. Topics include rational number arithmetic, order of operations, Pythagorean Theorem, variable expressions, solving linear equations, application problems, graphing linear equations, and polynomial operations.
Materials Fee: $1.00
Grading: Letter grade only

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MATH-605  Preparation for the Study of Pre-Algebra  0.00 UNITS
Mathematics Review for students whose assessment results indicate placement below Arithmetic/Pre-Algebra, and who wish to re-acquire the skills needed to reassess into a higher level mathematics course. The course focuses on operations of whole numbers, rational numbers, decimal numbers and integers. Other topics include; ratios, proportions and measurement. Successful completion of this course allows the student to bypass the 3-month waiting period for re-assessment.
Materials Fee: $0.00
(however there is an online software fee of $38 for this course)
Grading: Pass/No Pass
Non Credit

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The Guiding Panthers to Success (GPS) Centers
The GPS Centers provide Chaffey College students with assistance in registration, unit load planning, the My Chaffey Portal, New Student Planning Tool, and Abbreviated Educational Plans (first term course recommendations for new students). For this and other information on scholarships, transfer, and campus resources please walk in or call a GPS Center for more information.

LOCATIONS:
Chino GPS Center  909-652-8120  CHMB #240
Fontana GPS Center  909-652-7466  FNFC #121
Rancho GPS Center  909-652-6466  VSS #111
### ATTENTION MATH-605, MATH-610, AND MATH-625 STUDENTS
There is an online software fee for this course.

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

### MATH-610 Preparation for the Study of Algebra 0.00 UNITS
Mathematics review for students whose assessment results indicate placement into Arithmetic or PreAlgebra, and who wish to re-acquire the skills needed to re-assess into a higher level mathematics course. Course focuses on mastery of basic mathematics competencies, including addition/subtraction/multiplication/division, rounding, order of operations, fractions, decimals, ratios, percent, graphing and solving linear equations, exponents and polynomials, roots and radicals. Materials Fee: $1.00
(There is also an online software fee of $38 for this course.) Non Credit
Grading: Pass/No Pass

<table>
<thead>
<tr>
<th>SECTION #</th>
<th>INSTRUCTOR</th>
<th>HOURS</th>
<th>DAYS</th>
<th>ROOM</th>
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<tbody>
<tr>
<td>84952</td>
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<td>09/14/15-10/13/15</td>
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<td>10/19/15-11/18/15</td>
<td>Last day to add: 10/21/15</td>
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### MATH-625 Preparation for the Study of College Algebra (MATH-36 and MATH-35)
Mathematics review for students whose assessment results indicate placement into Elementary Algebra and Intermediate Algebra, and who wish to re-acquire the skills needed to re-assess into a higher level mathematics course. Course focuses on mastery of algebra competencies, including: linear equations, inequalities and systems; absolute value equations and inequalities; factoring; rational expressions; radical expressions; quadratic equations and inequalities; graphing of functions; composition and inverse of functions; complex numbers; and logarithmic and exponential expressions and equations.
Materials Fee: $1.00 Non Credit
Grading: Letter grade only

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SECT 84954: Website fee of approx. $38

### Music (MUSIC)

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<tr>
<th>SECTION #</th>
<th>INSTRUCTOR</th>
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<tbody>
<tr>
<td>909/652-6066</td>
<td>Music Theory and Musicianship I 4.00 UNITS</td>
<td>Advisory: Concurrent enrollment in MUSIC-5. 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. (C-ID MUS 120 and MUS 125) Materials Fee: $4.00 Transfer: CSU; UC Grading: Letter grade only</td>
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<tr>
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### Music Theory and Musicianship II 4.00 UNITS
Prerequisite: MUSIC-5.
Advisory: Concurrent enrollment in MUSIC-6. 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. (C-ID MUS 130 and MUS-135) Materials Fee: $4.00 Transfer: CSU; UC Grading: Letter grade only

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</table>

### Music (MUSIC)

#### MUSIC-2A Music History and Literature 3.00 UNITS
Chronological survey of music in Western culture, encompassing the Medieval through Baroque periods. Origins of Western music up through the era of Johann Sebastian Bach and George Frideric Handel.
Materials Fee: $1.00 Transfer: CSU; UC Grading: Letter grade only

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#### MUSIC-4 Music Appreciation 3.00 UNITS
A survey of art music in western civilization. Topics studied include elements of music, basic musical forms, music periods, styles, and the role of music and musicians in the western world. (C-ID MUS 100)
Materials Fee: $1.00 Transfer: CSU; UC Grading: Letter grade only

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(more sections at Chino and Fontana)

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

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

Locations, phone numbers, and hours are:

#### Language Success Center, BEB-101
909/652-6520

#### English: Reading and Writing
Rob Rundquist, Instructional Specialist
909/652-6907

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

#### Math Success Center, MATH-121
909/652-6452
Garrett Kenhehan, Instructional Specialist
Monday-Thursday
8am-8pm
Friday
10am-4pm
Sunday
10am-3pm

#### Multidisciplinary Success Center, Library
909/652-6932
Rose Ann Osmanian, Instructional Specialist
Monday-Thursday
8am-8pm
Friday
10am-4pm
Sunday
10am-3pm
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<tr>
<td>MUSIC-10</td>
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<td>A. Yanke</td>
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<tr>
<td>MUSIC-22</td>
<td>M. Lake</td>
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<tr>
<td>MUSIC-26</td>
<td>A. Maldonado</td>
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<td>MW</td>
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</table>

**MUSIC-7 Music Theory and Musicianship III**

- Prerequisite: MUSIC-6.
- Advisory: Concurrent enrollment in MUSIC-37.
- Introduction to chromatic harmony; secondary/applied chords; modulation; borrowed chords; and an introduction to Neapolitan and augmented-sixth chords. Application and development of the rhythmic, melodic, and harmonic materials through ear training, sight singing, analysis, and dictation.
- Corequisite: MUSIC-140 and MUSIC-145
- Materials Fee: $0.00
- Grading: Letter grade only
- 4.00 UNITS

**MUSIC-10 Songwriting and Commercial Harmony**

- Prerequisite: MUSIC-6.
- Application of commercial music theory and technology to the songwriter. Diatonic and non-diatonic harmony with direct application to commercial song forms.
- Materials Fee: $0.00
- Grading: Letter grade only
- 3.00 UNITS

**MUSIC-15 Introduction to the Music Business**

- Survey of the music industry. Contracts, relationships, and interaction of song-writing, publishing, copyright law, recording, broadcasting, managing, booking, licensing, and merchandising.
- Materials Fee: $0.00
- Grading: Letter grade only
- 3.00 UNITS

**MUSIC-17 Electronic Music**

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

**MUSIC-22 History and Survey of Rock Music**

- Survey of rock music styles covering their origins, development, and cultural impact.
- Materials Fee: $1.00
- Grading: Letter grade only
- 3.00 UNITS

**MUSIC-26 World Music**

- Music and music cultures around the world, focusing on their role(s) in those cultures. Extensive listening and musical vocabulary development. Some performance expected.
- Materials Fee: $1.00
- Grading: Letter grade only
- 3.00 UNITS

**MUSIC-35 Piano for Music Majors I**

- Introduction to notation, rhythm, fingering, and the major scales, through the playing of beginning exercises and pieces.
- Materials Fee: $1.00
- Grading: Letter grade only
- 1.00 UNITS

**MUSIC-36 Piano for Music Majors II**

- Advisory: Completion of MUSIC-35.
- Continued introduction to notation, rhythm, fingering, major and minor scales, primary chords, and key transposition through the playing of beginning exercises and pieces.
- Materials Fee: $1.00
- Grading: Letter grade only
- 1.00 UNITS

**MUSIC-58 Applied Music**

- Limitation on Enrollment: Audition is required.
- Corequisite: MUSIC-75, 76, 77 or 78.
- Individualized study of the appropriate techniques and repertoire for the specific instrument or voice being studied. Emphasis is on the progressive development of skills needed for solo performance. Achievement is evaluated through a juried performance. May be taken four times.
- Materials Fee: $0.00
- Grading: Letter grade only
- 0.50 UNITS

**MUSIC-75 Concert Choir**

- Limitation on Enrollment: Audition is required during the first week of class to verify ability to match pitches, sing in tune, perform simple rhythms, and carry an assigned part independently.
- Advisory: Previous choral experience is desirable.
- Study and performance of a wide variety of classical and contemporary literature for mixed choirs, both a cappella and accompanied. Attendance at public performances is required. Maybe taken 4 times.
- Materials Fee: $0.00
- Grading: Letter grade only
- 1.00 UNITS

**MUSIC-76 Chamber Choir**

- Limitation on Enrollment: Audition is required first week of class to determine basic music reading ability, tonal memory, independence in carrying an assigned part, and ability to blend with other voices.
- Advisory: Experience with choral and sight-reading.
- Advanced study and performance of varied choral music, with a focus on a cappella art, folk and popular music. Attendance at public performances is required. May be taken four times.
- Materials Fee: $0.00
- Grading: Letter grade only
- 1.50 UNITS

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

<table>
<thead>
<tr>
<th>SECTION #</th>
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<td>M, T, F</td>
<td>meetings on 10/12, 10/13 and 11/13 only.</td>
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### NURSE ASSISTANT

#### INFORMATION MEETINGS

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

#### Nursing: Assistant (NURAST)

<table>
<thead>
<tr>
<th>909/652-6675</th>
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#### NURAST-400  Nursing Assistant 3.50 UNITS

**Limitation on Enrollment:** Admission into the Nursing Assistant program.  
Corequisite: NURAST-400L 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: $0.00  
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.  
Grading: Letter grade only

| 84300 | C.Hodge | 8:00am-4:30pm | F | HS-131 |
| 84274 | C.Zmudka | 8:00am-4:30pm | F | HS-131 |
| 84226 | C.Hodge | 8:00am-4:30pm | TH | HS-131 |

#### 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.
Chaffey College

NURSING A.D.N. APPLICATIONS

Application of basic nursing in an on-campus clinical setting. 
Corequisite: NURADN-3.
LVN in a clinical health care setting. 
LVN in a clinical health care setting. 
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.
LVN in a clinical health care setting. 
with an active LVN license, and have at least one year of work experience as a

NURSDN-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 development of basic nursing concepts in patient-centered care, including communication, interpersonal relationships, and critical thinking skills.
Materials Fee: $3.00
Grading: Pass/No Pass only
Transfer: CSU

84149 L.Peralta and J.Craigmyle 
08/18/15-09/04/15 Last day to add: 08/18/15
84137 M.Cianchetti 
08/18/15-09/04/15 Last day to add: 08/18/15
84138 L.Doget 
08/18/15-09/04/15 Last day to add: 08/18/15
84139 M.Aquino and J.Craigmyle 
08/17/15-09/04/15 Last day to add: 08/18/15
84138 L.Doget 
08/18/15-09/04/15 Last day to add: 08/18/15
84139 M.Aquino and J.Craigmyle 
08/17/15-09/04/15 Last day to add: 08/18/15

NURSDN-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-3L.
Application of basic nursing in an on-campus clinical setting.
Materials Fee: $1.00
Grading: Letter grade only
Transfer: CSU

83866 S.Clay
7:45am-10:00am M HS-133
and 1:00pm-3:15pm T HS-133
08/17/15-11/02/15 Last day to add: 08/23/15

NURSDN-6 Clinical Nursing Skills 1.50 UNITS
Limitation on Enrollment: Admission to the Nursing (A.D.N.) program.
Development of the essential components of safe patient-centered care.
Materials Fee: $1.00
Transfer: CSU
Grading: Letter grade only

84149 L.Peralta and J.Craigmyle
08/18/15-09/04/15 Last day to add: 08/18/15
84137 M.Cianchetti
08/18/15-09/04/15 Last day to add: 08/18/15
84138 L.Doget
08/18/15-09/04/15 Last day to add: 08/18/15
84139 M.Aquino and J.Craigmyle
08/17/15-09/04/15 Last day to add: 08/18/15

NURSDN-12 Nursing Process I 3.00 UNITS
Limitation on Enrollment: Admission into the A.D.N. program.
Corequisite: NURADN-12L.
Development of basic nursing concepts in patient-centered care, including communication, interpersonal relationships, and critical thinking skills.
Materials Fee: $1.00
Transfer: CSU
Grading: Letter grade only

84150 M.Cianchetti and L.Doget
09/09/15-11/16/15 Last day to add: 09/15/15

NURSDN-12L Nursing Process I Laboratory 3.50 UNITS
Corequisite: NURADN-12.
Application of basic nursing concepts in patient-centered, evidence-based care for adult and geriatric patients/families, with accommodation of individual differences, developmental level, and culture.
Materials Fee: $7.00
Grading: Pass/No Pass only
Transfer: CSU

84160 M.Cianchetti and J.Craigmyle
08/17/15-11/13/15 Last day to add: 09/16/15
84169 L.Doget
09/07/15-11/13/15 Last day to add: 09/15/15
84172 S.Shipway and J.Craigmyle
08/17/15-11/13/15 Last day to add: 09/16/15
84202 M.Valenzuela and J.Craigmyle
09/07/15-11/13/15 Last day to add: 09/16/15

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.

FEE REFUNDS
Refunds of $20 or more are automatically processed.
Refunds of less than $20 must be requested prior to the end of the semester.
See page 15 for more information on the refund policy and processes.

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

NURSDN-13 Mental Health and Psychiatric Nursing 2.00 UNITS
Limitation on Enrollment: Admission into A.D.N. Program.
Corequisite: NURADN-13L.
Development of psychiatric/mental health nursing concepts across the lifespan.
Materials Fee: $6.00
Transfer: CSU
Grading: Letter grade only

84215 R.Arciniega
11/17/15-12/17/15 Last day to add: 11/18/15
### NURADN-13L Mental Health and Psychiatric Nursing Laboratory

**Corequisite:** NURADN-13.  
Application of psychiatric/mental health nursing concepts to patient-centered, evidence-based care, taking into consideration individual differences, developmental level, and culture.  
Materials Fee: $0.00  
Transfer: CSU  
Grading: Pass/No Pass only

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<td>1:00pm-4:00pm</td>
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<tr>
<td>84255</td>
<td>D.Suron</td>
<td>54hrs/term clinical</td>
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<tr>
<td>84260</td>
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<td>54hrs/term clinical</td>
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<tr>
<td>84261</td>
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### NURADN-25 Nursing Process II

**Corequisite:** NURADN-25L.  
Development of medical/surgical nursing concepts for patients and families using evidence-based practice, the nursing process, and critical thinking skills.  
Materials Fee: $2.00  
Transfer: CSU  
Grading: Letter grade only

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<td>Last day to add: 08/25/15</td>
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### NURADN-25L Nursing Process II Laboratory

**Corequisite:** NURADN-25L.  
Application of medical/surgical nursing concepts in patient-centered, evidence-based care, taking into consideration individual differences, developmental level, and culture.  
Materials Fee: $0.00  
Transfer: CSU  
Grading: Pass/No Pass only

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<tr>
<td>84273</td>
<td>S.Paplanus</td>
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<tr>
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<td>L McGarvey</td>
<td>162 hrs/term clinical</td>
<td>CLIN</td>
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<tr>
<td>and</td>
<td></td>
<td>1:00pm-4:00pm</td>
<td>W</td>
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</tbody>
</table>

### NURADN-26 Maternal-Newborn Nursing Laboratory

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

<table>
<thead>
<tr>
<th>SECTION #</th>
<th>INSTRUCTOR</th>
<th>HOURS</th>
<th>DAYS</th>
<th>ROOM</th>
</tr>
</thead>
<tbody>
<tr>
<td>84285</td>
<td>S.Paplanus</td>
<td>7:30am-10:46am</td>
<td>MW</td>
<td>HS-101</td>
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<tr>
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<td></td>
<td>11/09/15-12/16/15</td>
<td>Last day to add: 11/15/15</td>
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</tbody>
</table>

### NURADN-26L Maternal-Newborn Nursing Laboratory

**Corequisite:** NURADN-26L.  
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  
Transfer: CSU  
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>84299</td>
<td>S.Paplanus</td>
<td>81 hrs/term clinical</td>
<td>CLIN</td>
<td>HS-101</td>
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<tr>
<td>and</td>
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<td>12:00pm-4:00pm</td>
<td>W</td>
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<tr>
<td>84308</td>
<td>C.Lightner</td>
<td>81 hrs/term clinical</td>
<td>CLIN</td>
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<td>and</td>
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<td>12:00pm-4:00pm</td>
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<tr>
<td>84309</td>
<td>S.Luque</td>
<td>81 hrs/term clinical</td>
<td>CLIN</td>
<td>HS-101</td>
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<td>and</td>
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<td>12:00pm-4:00pm</td>
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<tr>
<td>84312</td>
<td>STAFF</td>
<td>81 hrs/term clinical</td>
<td>CLIN</td>
<td>HS-101</td>
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<td>and</td>
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<td>12:00pm-4:00pm</td>
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</table>

### NURADN-34 Nursing Process III

**Corequisite:** NURADN-25 and 25L, or NURADN-3 and 3L.  
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 thinking skills.  
Materials Fee: $6.00  
Transfer: CSU  
Grading: Letter grade 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>84317</td>
<td>R.Arciniega and S.Clay</td>
<td>9:00am-12:00pm</td>
<td>TW</td>
<td>HS-141</td>
</tr>
<tr>
<td>and</td>
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<td>Last day to add: 08/31/15</td>
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</table>

### NURADN-34L Nursing Process III Laboratory

**Corequisite:** NURADN-34L.  
Application of medical/surgical nursing concepts in patient-centered, evidence-based care to the geriatric, acute, and chronically ill individual/family, taking into consideration individual differences, developmental level and culture.  
Materials Fee: $5.00  
Transfer: CSU  
Grading: Pass/No Pass only

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<tr>
<th>SECTION #</th>
<th>INSTRUCTOR</th>
<th>HOURS</th>
<th>DAYS</th>
<th>ROOM</th>
</tr>
</thead>
<tbody>
<tr>
<td>84320</td>
<td>R.Arciniega</td>
<td>162 hrs/term clinical</td>
<td>CLIN</td>
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</table>
NURADN-38 Family-Child Nursing 2.00 UNITS
Limitation on Enrollment: Admission into the Nursing A.D.N Program.
Corequisite: NURADN-38L.
Development of nursing concepts for infants, toddlers, school-age children, and adolescents and their families using evidence-based nursing, the nursing process, and critical reasoning/thinking skills.
Materials Fee: $4.90 Transfer: CSU
Grading: Letter grade only

84392 S.Clay 81 arranged hours clinical CLIN
11/09/15-12/18/15 Last day to add: 11/09/15

NURADN-38L Family-Child Nursing Laboratory 1.50 UNITS
Corequisite: NURADN-38.
Application of family-child nursing concepts in patient-centered, evidence-based care, taking into consideration individual differences, developmental level, and culture.
Materials Fee: $6.00 Transfer: CSU
Grading: Pass/No Pass only

84356 S.Clay 9:00am-12:00pm MTW HS-141
11/09/15-12/16/15 Last day to add: 11/09/15

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 $1.00 Transfer: CSU
Grading: Letter grade only

84423 STAFF 81 arranged hours clinical CLIN
11/09/15-12/18/15 Last day to add: 11/15/15

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: $0.00 Transfer: CSU
Grading: Letter grade only

84597 H.MacDonald 8:00am-12:30pm M HS-101
08/17/15-09/14/15 Last day to add: 08/17/15

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

84585 S.Herman 8:00am-12:30pm T HS-101
84675 STAFF 1:00pm-4:00pm W HS-132
84717 H.MacDonald 1:00pm-4:00pm T HS-133
09/29/15-12/15/15 Last day to add: 10/05/15

NURADN-428 Basic Pharmacology 3.00 UNITS
Study of basic 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: $4.00 Grading: Letter grade only

84539 S.Clay 81 arranged hours clinical CLIN
11/09/15-12/18/15 Last day to add: 11/15/15

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 Not degree applicable
Grading: Pass/No Pass only

84748 M.Cianchetti 48-54 arranged hours skills lab HS-130
08/17/15-12/15/15 Last day to add: 08/24/15
84748 M.Cianchetti 48-54 arranged hours skills lab HS-130
09/29/15-12/15/15 Last day to add: 11/05/15

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

Student Health Services
First Aid • Doctor’s Visits • Counseling
Immunizations • Lab Tests
Call (909) 652-6331 for same day appointments
Nurading: Vocational (NURVN)
(See the Chino Section) 909/652-8215

Nutrition and Food (NF) 909/652-6294

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: $4.00
Grading: Letter grade only
85082 C.Cammayo 7:00pm-9:50pm W MOD-3
85858 C.Hines-Tinsley 11:00am-12:20pm MW LA-108
08/17/15-12/18/15 Last day to add: 08/24/15

NF-11 Food Service Management Supervision 3.00 UNITS
Advisory: Completion of NF-470.
Aspects of food service management supervision. Role of the supervisor/manager in developing personnel programs and establishing workable labor-management relationships.
Materials Fee: $4.00
Grading: Letter grade only
(sector at Chino)

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: $4.00
Grading: Letter grade only
85081 STAFF 9:30am-10:50am MW G-134
85145 C.Hines-Tinsley 9:30am-10:50am M G-133
And Online hours INET
08/17/15-12/18/15 Last day to add: 08/24/15
SECT 85145: Hybrid class: see page 180 for more information.
(more sections 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: $1.00
Grading: Letter grade only
85084 STAFF 7:00pm-9:50pm T G-133

NF-27 Healthy Cooking 2.00 UNITS
Techniques of planning and preparing nutritious foods, incorporating lower levels of fat, cholesterol, and sodium into meals. Emphasis on healthy food selection as a lifestyle.
Materials Fee: $5.00
Grading: Letter grade only
(Section 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 first semester students.
Materials Fee: $2.00
Grading: Letter grade only
(Section at Chino)

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

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.
Corequisite: NF-472.
Supervisory and management roles in the professional health care setting for 1st semester students.
Materials Fee: $2.00
Grading: Letter grade only
(Section at Chino)

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

**FEE REFUNDS**
Refunds of $20 or more are automatically processed. Refunds of less than $20 must be requested prior to the end of the semester.
See page 15 for more information on the refund policy and processes.
**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.

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**Pharmacy Technician (PHARMT)**

**PHARMT-401** Pharmacology of the Body Systems I  3.00 UNITS

Limitation on Enrollment: Students are required to attend a mandatory orientation session and submit a contact application to the program.

Basic anatomy, physiology, and pharmacology related to drugs affecting the endocrine and gastrointestinal systems, neoplastic disorders, infectious diseases, immunological function, vitamin and mineral balance, and the eyes and ears.

Materials Fee: $0.00

Grading: Letter grade only

84490 L.Breegle  1:00pm-4:00pm  T  HS-103

**PHARMT-403** Principles of Community Pharmacy  1.50 UNITS

Practice

Limitation on Enrollment: Registration is restricted to students who have attended a mandatory orientation session and submitted a contact application to the program.

Course provides an overview of the community pharmacy setting, to include the role of a pharmacy technician and pharmacist in the community pharmacy practice setting, pharmacy law and ethics, medical and pharmaceutical terminology, pharmaceutical dosage forms, drug development processes, drug classification systems, and an introduction to prescription reading and labeling.

Materials Fee: $0.00

Grading: Letter grade only

84500 L.Breegle  9:00am-10:30am  M  HS-103

**PHARMT-410** Over-The-Counter Products  2.00 UNITS

Limitation on Enrollment: Registration is restricted to students who have attended a mandatory orientation session and submitted a contact application to the program.

Corequisite: PHARMT-421L.

Course enables students to recognize the classifications and uses of the various over-the-counter (OTC) products utilized in modern health care. The drugs’ mechanism of action, major indications, body systems affected, adverse effects, consumer precautions and contraindications are discussed.

Materials Fee: $0.00

Grading: Letter grade only

84505 L.Breegle  10:00am-12:00pm  T  HS-103

**PHARMT-415** Pharmaceutical Calculations  2.00 UNITS

Limitation on Enrollment: Registration is restricted to students who have attended a mandatory orientation session and submitted a contact application to the program.

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

Pharmacy calculations and application of metric, apothecary, avoirdupois, and household systems of measurements including percentages, allegations, ratio and proportion, and IV calculations. Instructor signature required.

Materials Fee: $0.00

Grading: Letter grade only

84509 L.Breegle  11:00am-1:00pm  M  HS-103

**PHARMT-421** Community Pharmacy Operations  3.00 UNITS

Limitation on Enrollment: Registration is restricted to students who have attended a mandatory orientation session and submitted a contact application to the program.

Corequisite: PHARMT-421L.

Duties and responsibilities of the pharmacy technician working in an ambulatory setting. Emphasized topics include inventory receipt and control; prescription and medication orders screening; computerized prescription processing; medical insurance payment procedures; patient information confidentiality and relevant regulatory, legal, and ethical issues; extemporaneous compounding principles; over-the-counter drug indications and contraindications, and effective customer relations. NOTE: Student must achieve a minimum grade of “C” in both PHARMT-421 and 421L to meet course and program requirements.

Materials Fee: $3.00

Grading: Letter grade only

84513 STAFF  9:00am-12:00pm  W  HS-103

**PHARMT-421L** Community Pharmacy Operations Laboratory  1.00 UNITS

Corequisite: PHARMT-421.

Application and practice of the knowledge, concepts, and skills acquired in the corequisite courses that are needed to operate effectively in an ambulatory setting. NOTE: Student must achieve a minimum grade of “C” in both PHARMT-421 and 421L to meet course and program requirements.

Materials Fee: $3.00

Grading: Letter grade only

84517 L.Breegle  9:00am-12:00pm  TH  HS-103

84521 L.Breegle  1:00pm-4:00pm  TH  HS-103

**PHARMT-482** Clinical Externship  4.00 UNITS

Limitation on Enrollment: Student must have completed all Pharmacy Technician coursework with “C” or better, pass a background check, and have a recent physical examination prior to placement in a clinical facility.

Work experience in cooperation with local institutional (hospital, long-term care facility, etc.) and community (retail, chain drugstores, etc.) pharmacies. Students apply knowledge and skills through externship. Placement is by the instructor. Instructor signature required.

Materials Fee: $0.00

Grading: Letter grade only

84532 T.Maez  240-300 hrs/term clinical work experience  CLIN

08/17/15-12/18/15  Last day to add: 08/24/15

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**MyChaffey Portal**

The MyChaffey Portal, which provides access to important resources and information, is typically available 24 hours a day, seven days a week. Registration-related functions, however, (registration, payments, class schedules, etc.) are often not available on Sundays, due to system maintenance.
Philosophy (PHIL)

PHIL-70  Introduction to Philosophy  3.00 UNITS
Prerequisite: Eligibility for ENGL-1A as determined by the Chaffey assessment process, or satisfactory completion of ENGL-475 or ESL-475.
Introduction to the questions and ideas of major philosophers. Topics include knowledge (epistemology); reality (metaphysics); values, aesthetics, and religion (axiology), and social/political influences. (C-ID PHIL 100)
Materials Fee: $0.00  Transfer: CSU; UC
Grading: Letter grade only

85477 L.Gentry  9:30am-10:50am  TTH  SS-110
85490 B.King  12:00pm-2:50pm  F  WH-142
85482 B.King  12:30pm-1:50pm  TTH  WH-142
85523 D.Kern  12:30pm-1:50pm  TTH  SS-100
86206P.Rodriguez  3:00pm-5:50pm  SU  SS-100
85508 C.Mabonzo  3:30pm-4:50pm  TTH  SS-101
85481 S.Hughes  7:00pm-10:30pm  MW  SS-100
08/17/15-10/7/15 Last day to add: 08/24/15
SECT 85481: Fast Track class; see pages 178-184 for more info.
85491 E.Kostiuk  7:00pm-10:30pm  MW  SS-100
10/19/15-12/9/15 Last day to add: 10/22/15
SECT 85491: Fast Track class; see pages 178-184 for more info.
85514 R.Mittendorf  7:00pm-9:50pm  MW  SS-105
(more sections online and at Chino and Fontana)

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-475 or ESL-475.
Seminar class for the study of ethics, with an emphasis on personal, social, and political values. (C-ID PHIL 120)
Materials Fee: $0.00  Transfer: CSU; UC
Grading: Letter grade only

85541 STAFF  2:00pm-3:20pm  TTH  SS-106
85591 B.King  3:00pm-5:50pm  F  SS-106

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

85634 R.Mittendorf  8:00am-9:20am  MW  SS-100

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

85639 D.Kern  11:00am-12:20pm  TTH  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: $0.00  Transfer: CSU; UC
Grading: Letter grade only

85666 R.Livingston  9:00am-11:50am  F  SS-100
85669 L.Gentry  12:30pm-1:50pm  TTH  SS-103
85670 STAFF  3:30pm-5:40pm  MW  SS-100
85667 D.Mages  7:00pm-10:30pm  MW  WH-112
08/17/15-10/7/15 Last day to add: 08/24/15
SECT 85667: Fast Track class; see pages 178-184 for more info.
85668 D.Mages  7:00pm-10:30pm  MW  WH-112
10/19/15-12/9/15 Last day to add: 10/22/15
SECT 85668: Fast Track class; see pages 178-184 for more info.
(more sections online and at Chino, Fontana and Ontario High School)

PHIL-77  History of Ancient Philosophy  3.00 UNITS
Prerequisite: Eligibility for ENGL-1A as determined by the Chaffey assessment process, or satisfactory completion of ENGL-475 or ESL-475.
Advisory: Completion of PHIL-70.
A survey of many of the major figures and ideas of Western philosophy from Pre-Socrates to Descartes, as well as Hellenistic, Roman, medieval and non-Western thinkers.
Materials Fee: $0.00  Transfer: CSU; UC
Grading: Letter grade only

85675 D.Kern  9:30am-10:50am  TTH  SS-100

PHIL-80  Introduction to Religion  3.00 UNITS
Prerequisite: Eligibility for ENGL-1A as determined by the Chaffey assessment process, or satisfactory completion of ENGL-475 or ESL-475.
Exploration into the philosophies of religion and its intellectual, cultural, and personal expressions.
Materials Fee: $0.00  Transfer: CSU; UC
Grading: Letter grade only

85677 S.Parise  8:00am-9:20am  TTH  SS-108
85676 J.Russell  7:00pm-9:50pm  T  SS-100

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-475 or ESL-475.
The principles and practices of Hinduism, Buddhism, Taoism, and Confucianism in understanding self, others, and the universe.
Materials Fee: $0.00  Transfer: CSU; UC
Grading: Letter grade only

85679 B.King  3:00pm-6:30pm  TTH  SS-101
08/18/15-10/6/15 Last day to add: 08/24/15
SECT 85679: Fast Track class; see pages 178-184 for more info.
85680 B.King  3:00pm-6:30pm  TTH  SS-101
10/20/15-12/10/15 Last day to add: 10/22/15
SECT 85680: Fast Track class; see pages 178-184 for more info.

PHIL-82  Intro to Monotheistic Religions: Judaism/Christianity/Islam  3.00 UNITS
Prerequisite: Eligibility for ENGL-1A as determined by the Chaffey assessment process, or satisfactory completion of ENGL-475 or ESL-475.
Exploration of the unity and contrast among basic Jewish, Christian, and Moslem belief systems and practices.
Materials Fee: $0.00  Transfer: CSU; UC
Grading: Letter grade only

85681 STAFF  11:00am-12:20pm  TTH  SS-102
85682 D.Mages  2:00pm-3:20pm  TTH  SS-100
### Photography (PHOTO)

**PHOTO-1 History of Photography 3.00 UNITS**  
History and appreciation of photography as a medium of artistic and social communication. No lab access with this course.  
Materials Fee: $0.00  
Grading: Letter grade only

84453 S. Williams 12:30pm-1:50pm TTH CAA-211  
(more sections at Chino)

**PHOTO-7 Introduction to Digital Photography 4.00 UNITS**  
Instruction in the basic principles of digital photography, including digital printing. Student must furnish an adjustable DSLR (i.e. not a point-and-shoot model) digital camera.  
Materials Fee: $8.00  
Grading: Letter grade only

84432 C. Crone 9:30am-12:20pm MW CAA-123
84435 J. Porter 9:30am-3:20pm F CAA-123
84429 K. Haddad 12:30pm-3:20pm T CAA-123  
and Online hours INET  
08/17/15-12/18/15 Last day to add: 08/24/15  
SECT 84429: Hybrid class: see page 160 for more info.
84443 K. Haddad 12:30pm-3:20pm TH CAA-123  
and Online hours INET  
08/17/15-12/18/15 Last day to add: 08/24/15  
SECT 84431: Hybrid class: see page 160 for more info.
84433 J. Shafer 6:30pm-9:20pm TTH CAA-123

**PHOTO-9 Digital Imaging 4.00 UNITS**  
An introductory course in using computer imaging software such as Adobe Photoshop in photography and the digital arts. Class explores the creative potential of imaging software used by visual artists.  
Materials Fee: $17.00  
Grading: Letter grade only

84437 B. Bischoff 9:30am-12:20pm TTH CAA-123
84436 K. Haddad 3:30pm-6:20pm W CAA-123  
and Online hours INET  
08/17/15-12/18/15 Last day to add: 08/24/15  
SECT 84436: Hybrid class: see page 160 for more info.

**PHOTO-10 Beginning Photography 4.00 UNITS**  
Introduction to film based photography and the principles of black-and-white photography, including cameras and the darkroom. Students must furnish an adjustable non-digital camera.  
Materials Fee: $4.00  
Grading: Letter grade only

84441 A. Sanchez 9:30am-12:20pm TTH CAA-127
84440 K. Emmett 12:30pm-3:20pm TTH CAA-127
84439 M. Alford 6:30pm-9:20pm MW CAA-127

**PHOTO-12 Studio Lighting 4.00 UNITS**  
Prerequisite: PHOTO-7 or 10.  
Introduction to the use of studio equipment and lighting techniques. Topics include portrait, still life, advertising, and art photography. Students must furnish an adjustable camera.  
Materials Fee: $0.00  
Grading: Letter grade only

84442 A. Alger 3:30pm-6:20pm MW CAA-129

**PHOTO-13 Fine Art Photography 4.00 UNITS**  
Prerequisite: PHOTO-10 or 7.  
Explores photography as an art form. Concerned with contemporary issues in art photography.  
Materials Fee: $0.00  
Transfer: CSU; UC  
Grading: Letter grade only

84444 A. Lepore 12:30pm-3:20pm MW CAA-127

**PHOTO-21 Public Relations Photography 2.00 UNITS**  
Prerequisite: PHOTO-7 or 10.  
Theory and practice of photographing people and locations for commercial and promotional purposes. Selection and use of equipment, set-ups, lighting, directing, presentation, and simple business practices are explored. Students produce a portfolio of projects, and must supply an adjustable camera for use in the course.  
Materials Fee: $0.00  
Grading: Letter grade only

84447 L. Lewis 9:30am-12:20am F CAA-127

**PHOTO-408 Video for Photographers 4.00 UNITS**  
Prerequisites: PHOTO-7.  
Advisory: JOUR-11, PHOTO-9, and PHOTO-20.  
Photography students produce DSLR moving imagery in tandem with still photography. Topics include camera techniques, lighting, sound and editing for DSLR motion capture. Students must furnish an adjustable digital camera.  
Materials Fee: $0.00  
Degree-applicable  
Grading: Letter grade only

84450 K. Haddad 3:30pm-6:20pm TTH CAA-127

**PHOTO-422 Wedding Photography 2.00 UNITS**  
Prerequisite: PHOTO-7.  
Techniques in wedding photography, covering composition, subject posing, selection and use of cameras, lenses, filters, lighting, and special effects, as well as business presentations and sales strategies. Student must furnish an adjustable digital camera.  
Materials Fee: $2.00  
Grading: Letter grade only

84451 L. Lewis 12:30pm-3:20pm F CAA-127

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

84446 A. Lepore 12:30pm-3:20pm MW CAA-127

**PHOTO-432 Wedding Photography Portfolio 2.00 UNITS**  
Prerequisite: PHOTO-7 and 422.  
Course is designed for photography students interested in furthering conceptual and technical skills learned in Wedding Photography through individually directed work in a supervised studio/lab environment with regular group, individual, and written critiques and reviews. Emphasis is on the development of a professional portfolio.  
Materials Fee: $0.00  
Grading: Letter grade only

84452 L. Lewis 12:30pm-3:20pm F CAA-127

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

Introduction to the principles of physics and chemistry, including motion, forms of energy, electricity, magnetism, waves, and more. Course is recommended for liberal studies majors and future teachers. (C-ID CHEM 140 and PHYS 140)

- **Materials Fee:** $1.00
- **Grading:** Letter grade only
- **Instructor:** J. Oakdale
- **Hours:** 2:00pm-3:20pm, 3:30pm-4:50pm
- **Days:** TTH
- **Room:** ZH-122

---

**PHYS-5 The Ideas of Physics** 3.00 UNITS

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

Basic concepts of mass, force, Newton's Laws of Motion, conservation laws, momentum and energy. Course is designed for students needing a general education science lecture course and for students majoring in engineering technology or the life sciences.

- **Materials Fee:** $1.00
- **Grading:** Letter grade only
- **Instructor:** R. Ruiz
- **Hours:** 12:30pm-1:50pm, 7:00pm-8:20pm
- **Days:** MW
- **Room:** PS-112

---

**PHYS-6 Ideas of Physics Lab** 1.00 UNITS

**Corequisite:** PHYS-5 (may be taken previously).

Experiments with lecture concepts, including measurement, free fall, springs, centripetal force, kinetic energy, gravitational potential energy, conservation of momentum, and Archimedes' principle.

- **Materials Fee:** $0.00
- **Grading:** Letter grade only
- **Instructor:** R. Ruiz
- **Hours:** 4:00pm-6:50pm
- **Days:** M
- **Room:** PS-120

---

**PHYS-20B Algebra/Trigonometry College Physics II** 4.00 UNITS

**Prerequisite:** PHYS-20A.

Simple harmonic motion, static fluids and fluid flow, zeroth, first and second laws of thermodynamics, sound waves, electric force and field, and more. (C-ID PHYS 110)

- **Materials Fee:** $2.00
- **Grading:** Letter grade only
- **Instructor:** J. Wilson
- **Hours:** 1:30pm-2:50pm, 3:00pm-5:50pm
- **Days:** TTH
- **Room:** PS-121

---

**PHYS-30A Physics for the Medical and Life Sciences I** 4.00 UNITS

**Prerequisite:** MATH-61, and PHYS-5 or 44 or one year of high-school physics. **Corequisite:** PHYS-61A.

Concepts of mass, force, Newton's Laws of Motion, momentum, impulse, work, energy, and power for students majoring in life or medical science, or engineering technology; whose university major requires calculus-based physics.

- **Materials Fee:** $2.00
- **Grading:** Letter grade only
- **Instructor:** M. Padilla, J. Wilson
- **Hours:** 11:00am-12:20pm, 7:45am-10:35am
- **Days:** MW
- **Room:** PS-121

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**PHYS-30B Physics for the Medical and Life Sciences II** 4.00 UNITS

**Prerequisite:** PHYS-30A. **Corequisite:** PHYS-61B.

- **Materials Fee:** $2.00
- **Grading:** Letter grade only
- **Instructor:** M. Padilla, J. Wilson
- **Hours:** 11:00am-12:20pm, 7:45am-10:35am
- **Days:** MW
- **Room:** PS-121
### 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  
Grading: Letter grade only

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

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

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

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

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<td>9:30am-10:50am</td>
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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. (C-ID POLS 150)
Materials Fee: $0.00  
Grading: Letter grade only

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#### PS-3 California Politics and Culture 3.00 UNITS
**Advisory:** Completion of ENGL-1A.
Study of state, county, and municipal government with an emphasis on California’s unique heritage, culture, people, and politics. (C-ID POLS 110)
Materials Fee: $0.00  
Grading: Letter grade only

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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 conceptual theories including the nature of justice, power, freedom, and democracy. (C-ID POLS 120)
Materials Fee: $0.00  
Grading: Letter grade only

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#### PS-7 International Relations 3.00 UNITS
**Advisory:** Completion of ENGL-1A.
Survey of historical and contemporary international relations. Examination of key IR theories and research methodologies. Foreign policies of major states, areas of conflict and tension, and aspects of globalization. (C-ID POLS 140)
Materials Fee: $0.00  
Grading: Letter grade only

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**FEE PAYMENTS**

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

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

For more detailed information, see the Payment Deadline information on pages 13-15 and Payment Date Due Chart on page 17.

Fees will be prorated for courses dropped through the last day to add or withdraw with a grade of W.

Additional sections of some classes may be available; check the Chino, Fontana, Ontario High School, and Hybrid/Online sections.
**Fall 2015/Spring 2016 Schedule of Classes**

**SECTION # INSTRUCTOR HOURS DAYS ROOM**

<table>
<thead>
<tr>
<th>SECTION</th>
<th>INSTRUCTOR</th>
<th>HOURS</th>
<th>DAYS</th>
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<tr>
<td>PS-10</td>
<td>Comparative Politics</td>
<td>3.00 UNITS</td>
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**Advisory: Completion of ENGL-1A.**

Study of political systems through analysis of democracies, current/former communist states, and developing states. Focus on the impact of ideological, social, economic, and historical factors. (C-ID POLS 130)

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

85709 P. Tang  
3:30pm-4:50pm  
TTH  
WH-102  
(more sections at Chino)

**PS-25**  
**Latino Politics**  
**3.00 UNITS**

**Advisory: Completion of ENGL-1A.**

Examination of political issues within the Latino community, including influence, civil rights, discrimination, immigration, affirmative action, assimilation, acculturation, citizenship, and voting affiliation.

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

85715 L. Bohon  
1:30pm-4:20pm  
F  
SS-103

**PS-32**  
**Law and Society**  
**3.00 UNITS**

**Advisory: Completion of ENGL-1A.**

Analysis of law: its functions, cultural variations, legal theories of justice, and as a tool of social change.

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

85734 M. Carter  
9:00am-11:50am  
F  
SS-103

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**Psychology (PSYCH)**

**PSYCH-1**  
**Introduction to Psychology**  
**3.00 UNITS**

**Advisory: Completion of GUID-2, and eligibility for ENGL-1A as determined by the Chaffey assessment process or completion of ENGL-475 or ESL-475.**

Survey of psychology, including research methods, history and systems, lifespan, perception, learning and memory, cognition, psychological disorders and treatment, social behavior, and brain mechanisms. (C-ID PSY 110)

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

85765 N. Milani  
9:00am-11:50am  
S  
ATL-105

85741 N. Barbari  
9:30am-10:50am  
TTH  
SS-108

85770 A. Sadowski  
11:00am-12:20pm  
TTH  
ATL-105

86209 STAFF  
12:00pm-2:50pm  
SU  
SS-108

85761 N. Barbari  
12:30pm-1:50pm  
TTH  
ATL-105

85763 C. Powell  
2:00pm-4:50pm  
M  
SS-108

85777 R. Godfrey  
3:00pm-6:30pm  
TTH  
WH-112

08/18/15-10/06/15  
Last day to add: 08/24/15  
SECT 85777: Fast Track class; see pages 178-184 for more info.

85788 R. Godfrey  
3:00pm-6:30pm  
TTH  
WH-112

10/20/15-12/10/15  
Last day to add: 10/22/15  
SECT 85778: Fast Track class; see pages 178-184 for more info.

85771 C. Umali-Kopp  
7:00pm-9:50pm  
W  
SS-108  
(more sections online and at Chino and Fontana)

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**PSYCH-5**  
**Personal and Social Awareness**  
**3.00 UNITS**

**Prerequisite: PSYCH-1.**

Factors affecting personal and social awareness, including culture, gender, ethnicity, historical cohorts, and socioeconomic status are examined using psychological perspectives. (C-ID PSY 115)

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

85820 L. Savitzky  
11:00am-2:30pm  
MW  
ATL-104

08/17/15-10/07/15  
Last day to add: 08/24/15  
SECT 85820: Fast Track class; see pages 178-184 for more info.

85822 L. Savitzky  
11:00am-2:30pm  
MW  
ATL-104

10/19/15-12/09/15  
Last day to add: 10/22/15  
SECT 85822: Fast Track class; see pages 178-184 for more info.

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

**Prerequisite: PSYCH-1.**

Study of human development from conception through adolescence. Physical, social, and cognitive changes in development are examined in light of contemporary research and theory.

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

85789 J. Buchanan  
9:30am-10:50am  
MW  
WH-112

**PSYCH-25**  
**Developmental Psychology: Lifespan Development**  
**3.00 UNITS**

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

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

85809 J. Buchanan  
8:00am-9:20am  
MW  
ATL-105

85790 STAFF  
9:00am-11:50am  
F  
SS-108

85812 C. Powell  
12:30pm-1:50pm  
MW  
ATL-105

85807 N. Milani  
1:00pm-3:50pm  
S  
ATL-105

85799 M. DiLorenzo  
3:00pm-6:30pm  
TTH  
ATL-105

08/18/15-10/06/15  
Last day to add: 08/24/15  
SECT 85799: Fast Track class; see pages 178-184 for more info.

85806 M. DiLorenzo  
3:00pm-6:30pm  
TTH  
ATL-105

10/20/15-12/10/15  
Last day to add: 10/22/15  
SECT 85806: Fast Track class; see pages 178-184 for more info.

86210 STAFF  
3:00pm-5:50pm  
SU  
SS-108

85808 C. Umali-Kopp  
7:00pm-9:50pm  
TH  
ATL-105  
(more sections online and at Chino and Fontana)

**PSYCH-41**  
**Biological Psychology**  
**3.00 UNITS**

**Prerequisite: PSYCH-1.**

Study of the biological basis of behavior including basic neuroanatomy and neurophysiology as applicable to movement, sensation, perception, learning, memory, emotion, psychological disorders, language, and consciousness. (C-ID PSY 150)

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

85814 STAFF  
3:00pm-6:00pm  
TH  
SS-108  
(more sections online and at Chino)

**PSYCH-55**  
**Abnormal Psychology**  
**3.00 UNITS**

**Prerequisite: PSYCH-1.**

Introduction to psychopathology. Disorders of sensation, perception, emotions, and thinking, and their nature, causes, and effects on life. Analysis of attempts at alleviation, helping therapies, and problem intervention. (C-ID PSY 120)

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

85823 A. Sadowski  
9:30am-10:50am  
TTH  
ATL-105

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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.
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<td>PSYCH-65</td>
<td>Social Psychology</td>
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<td>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)</td>
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<td>PSYCH-80</td>
<td>Research Methods in Psychology</td>
<td>4.00 UNITS</td>
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<tr>
<td></td>
<td>Prerequisite: PSYCH-1 and SCSCI-10</td>
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<tr>
<td></td>
<td>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)</td>
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<td></td>
<td>Materials Fee: $4.00 Transfer: CSU; UC</td>
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<td></td>
<td>Grading: Letter grade only</td>
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</table>

**Radiologic Technology (RADTEC)**

909/652-7606

<table>
<thead>
<tr>
<th>RADTEC-10</th>
<th>Anatomy and Radiographic Positioning I</th>
<th>3.00 UNITS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Limitation on Enrollment: Admission to the Radiologic Technology program is required. Corequisite: RADTEC-10L</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Study of radiographic positioning of the chest, upper extremity, lower extremity, shoulder and pelvic girdle, abdomen, and urinary system, emphasizing anatomy, image evaluation, communication, patient care and safety.</td>
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</tr>
<tr>
<td></td>
<td>Limitation on Enrollment: Admission to the Radiologic Technology program is required. Corequisite: RADTEC-10</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Discussion, application, demonstration, role-play and timed simulated procedure evaluations for positioning of the chest, upper extremity, lower extremity, shoulder girdle, pelvic girdles, abdomen, and urinary system.</td>
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</tr>
<tr>
<td></td>
<td>Materials Fee: $7.00 Transfer: CSU</td>
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<td></td>
<td>Grading: Letter grade only</td>
<td></td>
</tr>
<tr>
<td>85845A. Dutton</td>
<td>12:00pm-3:00pm M</td>
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<table>
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<tr>
<th>RADTEC-10L</th>
<th>Laboratory for Anatomy and Radiographic Positioning I</th>
<th>1.00 UNITS</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Limitation on Enrollment: Admission to the Radiologic Technology program is required. Corequisite: RADTEC-10</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Discussion, application, demonstration, role-play and timed simulated procedure evaluations for positioning of the chest, upper extremity, lower extremity, shoulder girdle, pelvic girdles, abdomen, and urinary system.</td>
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<tr>
<td></td>
<td>Materials Fee: $15.00 Transfer: CSU</td>
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<td>Grading: Letter grade only</td>
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<tr>
<td>85848A. Dutton</td>
<td>8:00am-11:00am T</td>
<td>RSAM-01</td>
</tr>
<tr>
<td>85851J. Leahy</td>
<td>8:00am-11:00am T</td>
<td>RSAM-01</td>
</tr>
<tr>
<td>85855A. Dutton</td>
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<table>
<thead>
<tr>
<th>RADTEC-16</th>
<th>Medical Procedures for Radiologic Technologists</th>
<th>3.00 UNITS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Limitation on Enrollment: Admission to the Radiologic Technology program Corequisite: RADTEC-16L.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Overview of radiography’s foundations and the practitioner’s role in the health care delivery system, to include radiology’s history, legal terminology, concepts, principles, professional responsibilities, and safety.</td>
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<tr>
<td></td>
<td>Materials Fee: $7.00 Transfer: CSU</td>
<td></td>
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<tr>
<td></td>
<td>Grading: Letter grade only</td>
<td></td>
</tr>
<tr>
<td>85859 STAFF</td>
<td>8:00am-11:00am W</td>
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<table>
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<tr>
<th>RADTEC-16L</th>
<th>Laboratory for Medical Procedures for Radiologic Technologists</th>
<th>1.00 UNITS</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Limitation on Enrollment: Admission to the Radiologic Technology program. Corequisite: RADTEC-16</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Discussion, application, role-play and timed simulated procedure evaluations of the medical procedures and techniques commonly used in radiology departments.</td>
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<tr>
<td></td>
<td>Materials Fee: $20.00 Transfer: CSU</td>
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<td>Grading: Letter grade only</td>
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</tr>
<tr>
<td>85864T. Ortiz</td>
<td>8:00am-11:00am TH</td>
<td>RSAM-02</td>
</tr>
<tr>
<td>85866 STAFF</td>
<td>8:00am-11:00am TH</td>
<td>RSAM-02</td>
</tr>
<tr>
<td>85868T. Ortiz</td>
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<td>RSAM-02</td>
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<tr>
<td>85869 STAFF</td>
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<table>
<thead>
<tr>
<th>RADTEC-20</th>
<th>Radiologic Science and Protection</th>
<th>3.00 UNITS</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Limitation on Enrollment: Admission to the Radiologic Technology program is required. Corequisite: RADTEC-20L</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Fundamental properties of radiation, x-ray production, and interaction with matter, including the operation of radiographic equipment and digital imaging systems.</td>
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<tr>
<td></td>
<td>Materials Fee: $7.00 Transfer: CSU</td>
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<tr>
<td></td>
<td>Grading: Letter grade only</td>
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</tr>
<tr>
<td>85871M. Soto</td>
<td>8:00am-11:00am M</td>
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<table>
<thead>
<tr>
<th>RADTEC-20L</th>
<th>Laboratory for Radiologic Science and Protection</th>
<th>1.00 UNITS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Limitation on Enrollment: Admission to the Radiologic Technology program is required. Corequisite: RADTEC-20</td>
<td></td>
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<tr>
<td></td>
<td>Through a process of discussion, demonstration, return demonstration, group sharing and demonstration evaluation, students correlate concepts with the actual making and evaluation of a radiographic image.</td>
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<tr>
<td></td>
<td>Materials Fee: $20.00 Transfer: CSU</td>
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<tr>
<td></td>
<td>Grading: Letter grade only</td>
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</tr>
<tr>
<td>85876M. Soto</td>
<td>8:00am-11:00am T</td>
<td>RSAM-02</td>
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<tr>
<td>85879 STAFF</td>
<td>8:00am-11:00am T</td>
<td>RSAM-02</td>
</tr>
<tr>
<td>85881M. Soto</td>
<td>12:00pm-3:00pm T</td>
<td>RSAM-02</td>
</tr>
<tr>
<td>85883 STAFF</td>
<td>12:00pm-3:00pm T</td>
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<table>
<thead>
<tr>
<th>RADTEC-31</th>
<th>Radiographic Clinical Education I</th>
<th>2.00 UNITS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Limitation on Enrollment: Admission to the Radiologic Technology Program. Development, application, critical analysis, and integration of theory. The student first observes and then performs - under direct supervision - patient care and radiographic procedures.</td>
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<tr>
<td></td>
<td>Materials Fee: $26.00 Transfer: CSU</td>
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<tr>
<td></td>
<td>Grading: Letter grade only</td>
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</tr>
<tr>
<td>85885A. Dyer</td>
<td>8:00am-3:30pm F</td>
<td>CLIN</td>
</tr>
<tr>
<td>and A. Dutton</td>
<td>8:30am-1:30pm F</td>
<td>HS-132</td>
</tr>
</tbody>
</table>

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

Additional sections of some classes may be available; check the Chino, Fontana, 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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</thead>
<tbody>
<tr>
<td>RADTEC-61</td>
<td>Radiographic Clinical Education IV</td>
<td>8.00 UNITS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Limitation on Enrollment: Admission to the Radiologic Technology program is required. Clinical practice experiences designed for sequential development, application, critical analysis, integration, synthesis and evaluation of concepts and theories in the performance of radiologic procedures. Materials Fee: $25.00 Transfer: CSU Grading: Letter grade only</td>
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</tr>
<tr>
<td>85914A Dutton</td>
<td>8:00am-4:30pm</td>
<td>MTW</td>
<td>CLIN</td>
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<tr>
<td>M. Soto, Y. Gomez, L. Garcia, R. Castillo, STAFF</td>
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<tr>
<td>RADTEC-66</td>
<td>Anatomy and Radiographic Positioning III</td>
<td>3.00 UNITS</td>
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<tr>
<td>Limitation on Enrollment: Must be a 2nd year student in the Radiologic Technology Program in good standing. Corequisite: RADTEC-66L. Study of the calvarium, facial area, sinuses, and temporal bone provides the knowledge base necessary to perform standard imaging procedures. Introduction to CT and other modalities is included. Materials Fee: $4.00 Transfer: CSU Grading: Letter grade only</td>
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<tr>
<td>85988 STAFF</td>
<td>8:00am-11:00am</td>
<td>TH</td>
<td>RSAM-01</td>
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</tr>
<tr>
<td>RADTEC-66L</td>
<td>Laboratory for Anatomy and Radiographic Positioning III</td>
<td>1.00 UNITS</td>
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</tr>
<tr>
<td>Limitation on Enrollment: Must be a 2nd year Radiologic Technology student in good standing. Corequisite: RADTEC-66. Radiographic positioning of the calvarium, facial area, sinuses, and temporal bone necessary to perform standard imaging procedures. An introduction to CT and other modalities is included. Materials Fee: $26.00 Transfer: CSU Grading: Letter grade only</td>
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<tr>
<td>85902M Soto</td>
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<tr>
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<tr>
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<td>RSAM-01</td>
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<td>12:00pm-3:00pm</td>
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<td>RSAM-01</td>
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<tr>
<td>RADTEC-470</td>
<td>Venipuncture for Imaging Professionals</td>
<td>1.00 UNITS</td>
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</tr>
<tr>
<td>Limitation on Enrollment: Student must be a 2nd year radiography student or a graduate of a JRCERT approved radiography program, and possess a current health care provider CPR card. Corequisite(s): RADTEC-470L. Basic concepts of pharmacology associated with venipuncture. Techniques, anatomy and physiology of venipuncture sites, use of instruments and related equipment, and administration of diagnostic contrast agents and/or IV medication. Materials Fee: $4.00</td>
<td>Grading: Letter grade only</td>
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<tr>
<td>85915K Beinschroth</td>
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<td>RSAM-01</td>
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<tr>
<td>Last day to add: 08/20/15</td>
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</tbody>
</table>

**UNIT LIMIT**

Students exceeding 100 units earned (excluding 500-level courses) lose their registration priority.
Per California Community College state regulatory changes. See www.chaffey.edu/student-success for more info.

---

**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: $0.00 Transfer: CSU; UC credit limitations
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>85833 V. Dunwoody</td>
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<td>MW</td>
<td>ATL-105</td>
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<tr>
<td>85835 V. Dunwoody</td>
<td>7:00pm-9:50pm</td>
<td>MW</td>
<td>ATL-105</td>
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</tbody>
</table>

(more sections at Fontana)

**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. (See English)
Materials Fee: $0.00 Transfer: CSU; UC credit limitations
Grading: Letter grade only

<table>
<thead>
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<th>INSTRUCTOR</th>
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<tr>
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</tbody>
</table>

**Reading**

(See English) 909/652-7606

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**CREDIT CARD USERS**

(VISA, MASTERCARD, AMERICAN EXPRESS AND DISCOVER)

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

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

SOC-10  Introduction to Sociology  3.00 UNITS
Prerequisite: Eligibility for ENGL-1A as determined by the Chaffey assessment process, or completion of ENGL-475 or ESL-475.
Examination and analysis of social structure, group membership and dynamics, socialization and the self, social stratification, culture and diversity, social change and globalization. (C-ID SOCI 110) Materials Fee: $0.00  Transfer: CSU; UC  Grading: Letter grade only
85880  S.Gomez  7:15am-10:45am  MW  SS-110
08/17-10/07/15  Last day to add: 08/24/15
SECT 85880: Fast Track class; see pages 178-184 for more info.
85856  S.Simmons  8:00am-9:20am  MW  SS-108
85850  S.Gomez  8:00am-9:20am  TTH  SS-110
85870  Ubovich  9:30am-10:50am  MW  SS-100
85878  L.Gaetje  9:30am-10:50am  TTH  WH-142
85872  E.Der-Mesropian  11:00am-12:20pm  MW  SS-110
85874  D.Navarette  11:00am-2:30pm  TTH  WH-112
08/18/15-10/06/15  Last day to add: 08/24/15
SECT 85874: Fast Track class; see pages 178-184 for more info.
85892  D.Navarette  11:00am-2:30pm  TTH  WH-112
10/01-12/10/15  Last day to add: 10/22/15
SECT 85892: Fast Track class; see pages 178-184 for more info.
85900  STAFF  11:00am-12:20pm  TTH  WH-142
85890  STAFF  11:00am-12:20pm  TTH  WH-112
85849  J.Song  12:00pm-2:50pm  F  SS-110
SECT 85890: Honors class, page 185 for more info.
85849E  DerMesropian  12:30pm-1:50pm  MW  SS-110
85857  P.Snyder  12:30pm-1:50pm  TTH  SS-110
85906  STAFF  12:30pm-1:50pm  TTH  SS-108
85852  Pratt  12:30pm-2:30pm  MW  SS-110
85853  P.Snyder  2:00pm-3:20pm  TTH  SS-110
86207  STAFF  3:00pm-5:50pm  SU  SS-110
85896  P.Snyder  5:00pm-6:20pm  TTH  SS-110
85875  N.McCool  7:00pm-9:50pm  M  SS-110
85917L  Navarette  7:00pm-9:50pm  W  SS-110
(more sections 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
85931  P.Snyder  7:00pm-9:50pm  W  SS-101

SOC-15  Ethnic and Race Relations: U.S. and Global Perspectives  3.00 UNITS
Advisory: Completion of SOC-10.
Application of major sociological theories and concepts to the examination of ethnic and race relations in the U.S. and the world. Significance of contemporary multiculturalism, racism, ethnocentrism, and sexism. (C-ID SOCI 150) Materials Fee: $3.00  Transfer: CSU; UC  Grading: Letter grade only
85931  P.Snyder  7:00pm-9:50pm  W  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: $0.00  Transfer: CSU; UC  Grading: Letter grade only
86230  STAFF  8:00am-9:20am  MW  SS-101
86192  P.Shelby  8:00am-9:20am  TTH  SS-101
86234  STAFF  9:30am-10:50am  MW  SS-101
86193  P.Shelby  9:30am-10:50am  TTH  SS-101
86238  K.Lindleaf  11:00am-12:20pm  MW  SS-101
86240  Ubovich  11:00am-12:20pm  MW  AT-105
85934  J.Song  11:00am-2:30pm  TTH  SS-101
08/18/15-10/06/15  Last day to add: 08/24/15
SECT 85934: Fast Track class; see pages 178-184 for more info.
85935  J.Song  11:00am-2:30pm  TTH  SS-101
10/20/15-12/10/15  Last day to add: 10/22/15
SECT 85935: Fast Track class; see pages 178-184 for more info.
85936  R.Hallil  11:00am-12:20pm  MW  SS-101
86244  R.Pratt  12:30pm-1:50pm  MW  SS-101
86247  K.Lindleaf  2:00pm-3:20pm  MW  SS-101
85936  R.Hallil  3:00pm-6:30pm  MW  WH-102
08/17/15-10/07/15  Last day to add: 08/24/15
SECT 85936: Fast Track class; see pages 178-184 for more info.
85938  R.Hallil  3:00pm-6:30pm  MW  WH-102
10/19/15-12/09/15  Last day to add: 10/22/15
SECT 85938: Fast Track class; see pages 178-184 for more info.
86251  P.Snyder  5:00pm-6:20pm  MW  SS-101
(more sections online and at Chino and Fontana)

SOC-70  Social Problems  3.00 UNITS
Prerequisite: SOC-10.
Examination of contemporary social problems with emphasis on how issues come to be defined as social problems, their causes and consequences, and an evaluation of solutions. (C-ID SOCI 115) Materials Fee: $0.00  Transfer: CSU; UC  Grading: Letter grade only
86270  K.Lindleaf  12:30pm-1:50pm  MW  SS-111
(more sections at Fontana)

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.

Additional sections of some classes may be available; check the Chino, Fontana, Ontario High School, and Hybrid/Online sections.
## 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. (C-ID SPAN 100)

Materials Fee: $4.00  
Transfer: CSU; UC

Grading: Letter grade only

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<tr>
<th>SECTION #</th>
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08/17/15-10/07/15  
Last day to add: 08/24/15  
SECT 84010: Fast Track class; see pages 178-184 for more info.

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| 10/19/15-12/10/15  
Last day to add: 10/22/15  
SECT 84011: Fast Track class; see pages 178-184 for more info. |

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(more sections at Chino and Fontana)

### 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

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(more sections at Chino and Fontana)

### 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

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### SPAN-3S$ Spanish for Heritage Speakers I 4.00 UNITS

Prerequisite: SPAN-2 or department-determined equivalency.

Course is designed for heritage speakers of Spanish and other linguistically qualified students. Instruction builds on existing reading, writing, speaking and listening skills, increasing linguistic registers and understanding of Hispanic cultures in Spanish speaking countries and the U.S. Course is conducted entirely in Spanish. (C-ID SPAN 220)

Materials Fee: $4.00  
Transfer: CSU; UC

Grading: Letter grade only

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<tr>
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Additional sections of some classes may be available; check the Chino, Fontana, Ontario High School, and Hybrid/Online sections.
Statistics (STAT)
(Also see Mathematics) 909/652-6403

STAT-10 Elementary Statistics 4.00 UNITS
Prerequisite: Eligibility for MATH-25 or higher as determined by the Chaffey assessment process, or completion of MATH-425. Topics include frequency distribution, measures of variation and central tendency, elementary probability theory, etc. NOTE: A specific graphing utility is required; see instructor before acquiring. (C-ID MATH 110)
Materials Fee: $1.00 Transfer: CSU; UC credit limitations
Grading: Letter grade only
84967 R.Elsdon 7:30am-9:20am MW HS-108
84972 N.Duong 7:30am-9:20am TTH VSS-208
84973 R.Elsdon 10:00am-11:50am MW HS-108
84968 W.Chang 10:00am-11:50am TTH MATH-113
84966 J.Roche 12:00pm-1:50pm MW HS-108
84974 W.Chang 12:00pm-1:50pm TTH VSS-204
84971 J.Roche 1:00pm-5:00pm S MATH-114
84975 R.Elsdon 2:00pm-5:00pm MW HS-108
84969 D.Valdez 5:00pm-6:50pm MW MATH-113
84976 Q.Uippala 5:00pm-6:50pm TTH HS-127
84965 C.Jacinto 7:00pm-9:50pm MTWTH PS-104
10/19/15-12/10/15 Last day to add: 10/22/15
SECT 84965: Fast Track with Math-425, section 84999. See pages 178-184 for more info.
84970 T.Denson 7:00pm-8:50pm TTH MATH-113
(more sections at Chino and Fontana)

Theatre Arts (THEATRE)
909/652-6066

THEATRE-1 Introduction to Theatre 3.00 UNITS
Advisory: Eligibility for ENGL-1A as determined by the Chaffey assessment process, or completion of ENGL-475 or ESL-475. Elements of the production process including playwriting, acting, directing, design, and criticism. Survey of different periods, cultures, styles, and genres of theatre through play reading, discussion, films and viewing and critiquing live theatre. Attendance at theatre productions is a requirement of this course. (C-ID THTR 111)
Materials Fee: $1.00 Transfer: CSU; UC
Grading: Letter grade only
84406 K.Ford 3:30pm-6:20pm T CAA-218
(more sections at Chino and Fontana)

THEATRE-2 Theatrical Dance 3.00 UNITS
Study of physical movement as it relates to the body on the stage, including movements commonly used in musical theatre, jazz, and modern dance techniques.
Materials Fee: $1.00 Transfer: CSU; UC
Grading: Letter grade only
84326 M.Jenkins 11:00am-12:20pm MW CAA-206

THEATRE-3 Theatre History: Ancient to 1700 3.00 UNITS
Advisory: Eligibility for ENGL-1A as determined by the Chaffey assessment process, or completion of ENGL-475 or ESL-475. Study of theatre history from its origins through the 17th century, emphasizing the historical, philosophical, and sociological influences on its development. (C-ID THTR 113)
Materials Fee: $1.00 Transfer: CSU; UC
Grading: Letter grade only
84409 S.Biggs 11:00am-12:20pm MW CAA-218

THEATRE-4 Musical Theatre Performance 3.00 UNITS
Advisory: Completion of THEATRE-10. Study of performance techniques in musical theatre. Emphasis on the integration of acting, singing, and movement techniques through a combination of group scenes and solo works.
Materials Fee: $1.00 Transfer: CSU; UC credit pending.
Grading: Letter grade only
84416 C.El-Said 12:30pm-2:50pm TTH MATH-113

THEATRE-5 Technical Theatre 3.00 UNITS
The theory and practice of stagecraft including construction techniques, painting properties, rigging, lighting, sound, and computer assisted set lighting and sound design. Course requires participation in scheduled college production(s), (C-ID THTR 171)
Materials Fee: $1.00 Transfer: CSU; UC
Grading: Letter grade only
84415 D.Mancini 12:30pm-2:50pm TTH MATH-113

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

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<tr>
<td>THEATRE-40</td>
<td>Stage Costuming</td>
<td>3.00 UNITS</td>
<td>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: $10.00 Transfer: CSU; UC Grading: Letter grade only</td>
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<td>4:00pm-6:20pm</td>
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<td>THEATRE-42</td>
<td>Theatrical Makeup</td>
<td>3.00 UNITS</td>
<td>Introduction to the theory, design, and application of makeup for the theatre. (C-ID THTR 175) Materials Fee: $10.00 Transfer: CSU; UC Grading: Letter grade only</td>
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<td>THEATRE-50</td>
<td>Main Stage Production Workshop I</td>
<td>3.00 UNITS</td>
<td>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: $2.00 Transfer: CSU; UC Grading: Letter grade only</td>
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<td>08/17/15-12/18/15</td>
<td>Last day to add: 11/02/15</td>
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<td>SECT 84422: Auditions for The Miracle Worker will be held in the theatre on the Rancho Cucamonga campus on Monday, August 24, 2015 at 7:00pm. Instructor signature is required for registration into this course. Performances run Oct. 16, 17, 18 and 23, 24, 25.</td>
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<tr>
<td>THEATRE-51</td>
<td>Main Stage Production Workshop II</td>
<td>3.00 UNITS</td>
<td>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: $2.00 Transfer: CSU; UC Grading: Letter grade only</td>
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<td>SECT 84425: Auditions for The Miracle Worker will be held in the theatre on the Rancho Cucamonga campus on Monday, August 24, 2015 at 7:00pm. Instructor signature is required for registration into this course. Performances run Oct. 16, 17, 18 and 23, 24, 25.</td>
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<tr>
<td>THEATRE-55</td>
<td>Technical Theatre in Production</td>
<td>2.00 UNITS</td>
<td>Practical experience in stage management, house management, construction, scenery, properties, costume, lighting, sound and/or running crews. May require work at different venues on and off campus. (C-ID THTR 192) Materials Fee: $0.00 Transfer: CSU Grading: Letter grade only</td>
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<td>C.El-Said</td>
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<td>and Arranged hours</td>
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<td>THEATRE-60</td>
<td>Seminar: Acting</td>
<td>3.00 UNITS</td>
<td>Advisory: Completion of THEATRE-10. Designed for actors who have completed several acting courses or who have extensive stage training through participation in public performances. Seminar format provides an opportunity to examine and perform plays not normally offered in the regular theatre program. Materials Fee: $1.00 Transfer: CSU; UC Grading: Letter grade only</td>
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### DROPPING CLASSES
It is the student's responsibility to drop classes. Students who do not drop classes by the published deadlines will be held accountable for payment of fees for those classes, even if they didn't attend any class meetings.

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

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

Above programs funded by the Chaffey College Service Fee.

### PRIORITY REGISTRATION
Priority registration has been legally mandated for the following student groups: eligible veterans, foster youth, active EOPS, DPS, and CalWorks students.

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

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

### UNIT LIMIT
Students exceeding 100 units earned (excluding 500-level courses) lose their registration priority.

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