### Accounting (ACCTG)

<table>
<thead>
<tr>
<th>SECTION #</th>
<th>INSTRUCTOR</th>
<th>HOURS</th>
<th>DAYS</th>
<th>ROOM</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCTG-1A</td>
<td>Financial Accounting</td>
<td>4.00 UNITS</td>
<td></td>
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</tr>
<tr>
<td>Advisor: 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</td>
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</tr>
<tr>
<td>88498 V.Turner</td>
<td>7:30am-9:45am</td>
<td>MTWTH</td>
<td>BE-102</td>
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<tr>
<td>88957 J.Bocanegra</td>
<td>7:00pm-9:15pm</td>
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<tr>
<td>ACCTG-1B</td>
<td>Managerial Accounting</td>
<td>4.00 UNITS</td>
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<tr>
<td>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</td>
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<tr>
<td>88976 Y.Kirkpatrick</td>
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<tr>
<td>88977 Y.Kirkpatrick</td>
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### Administration of Justice (AJ)

<table>
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<tr>
<th>SECTION #</th>
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<tbody>
<tr>
<td>AJ-1</td>
<td>Introduction to the Criminal Justice System</td>
<td>3.00 UNITS</td>
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<tr>
<td>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</td>
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<tr>
<td>88650 J.Cabral</td>
<td>7:15am-10:45am</td>
<td>MW</td>
<td>SS-100</td>
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<tr>
<td>88651 M.Buckhannon</td>
<td>7:00pm-10:30pm</td>
<td>MW</td>
<td>SS-105</td>
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<tr>
<td>88648 R.Tolber-White</td>
<td>7:00pm-10:30pm</td>
<td>TTH</td>
<td>SS-105</td>
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<td>(more sections at Chino and Fontana)</td>
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</table>
American Sign Language (ASL)
(Also see Arabic, Chinese, French, and Spanish)  909/652-6903

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

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<tr>
<td>88920</td>
<td>K.Casale</td>
<td>7:30am-9:45am</td>
<td>MTWTH</td>
<td>LA-102</td>
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<tr>
<td>06/06/16-07/27/16</td>
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<tr>
<td>88921</td>
<td>Y.Marin</td>
<td>12:30pm-2:45pm</td>
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<tr>
<td>88936</td>
<td>S.Larson</td>
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<td>LA-106</td>
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ASL-2  Elementary American Sign Language  4.00 UNITS
Prerequisite: ASL-1 or one year of high school ASL.
Continued study of ASL structure, vocabulary, conversational strategies, phrasing, sentence patterns, manual counting and spelling, semantics, development of expressive and receptive skills, and Deaf culture/history. Ten hours of supplemental learning in a Success Center that supports this course is required.
Materials Fee: $4.00 Transfer: CSU; UC
Grading: Letter grade only

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Anthropology (ANTHRO)  909/652-6253

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

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<tr>
<td>88656</td>
<td>B.Wong</td>
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<td>TTH</td>
<td>BL-107</td>
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<td>06/06/16-07/26/16</td>
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ANTHRO-1L  Laboratory for Biological Anthropology  1.00 UNITS
Corequisite: ANTHRO-1 (may be taken previously).
Comparative study of both human and non-human primates, human variation, evolution, genetics, forensic anthropology, and the primate fossil record. (C-ID ANTH 115L)
Materials Fee: $0.00 Transfer: CSU; UC
Grading: Letter grade only

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

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<th>SECTION #</th>
<th>INSTRUCTOR</th>
<th>HOURS</th>
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<td>88666</td>
<td>J.Magginetti</td>
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<tr>
<td>88669</td>
<td>STAFF</td>
<td>7:00pm-10:30pm</td>
<td>TTH</td>
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<td>06/07/16-07/26/16</td>
<td>Last day to add: 06/10/16</td>
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(Additional sections online and at Chino and Fontana)

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

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

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<th>SECTION #</th>
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<td>88915</td>
<td>A.Ramadan</td>
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<td>MTWTH</td>
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Architecture
(See Drafting)

Art (ART)
(Also see Art History)

ART-10 Fundamentals of Design in Two Dimensions 4.00 UNITS
In-depth introduction to the visual elements of two-dimensional art composition including line, shape, texture, value, color theory, and spatial illusion. (C-ID ARTS 100)
Materials Fee: $4.00
Grading: Letter grade only

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
Grading: Letter grade only

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

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

ART-63 Introduction to Graphic Design 4.00 UNITS
Introduction to the essential principles and historical aspects of digital imaging and design. Project-based experience, with current hardware and software used in contemporary visual communications.
Materials Fee: $15.00
Transfer: CSU; UC
Grading: Letter grade only

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

ARTH-5 Survey of Western Art from Renaissance To Contemporary
Survey of the architecture, sculpture, and art of past cultures of the Western World from the Renaissance through the Modern period. (C-ID ARTH 120)
Materials Fee: $1.00
Transfer: CSU; UC
Grading: Letter grade only

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)

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

CONTENTS:
Architecture
Art (ART)
ARTH History (ARTH)
Architecture
(See Drafting)

ART-10 Fundamentals of Design in Two Dimensions 4.00 UNITS
In-depth introduction to the visual elements of two-dimensional art composition including line, shape, texture, value, color theory, and spatial illusion. (C-ID ARTS 100)
Materials Fee: $4.00
Grading: Letter grade only

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
Grading: Letter grade only

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

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

ART-63 Introduction to Graphic Design 4.00 UNITS
Introduction to the essential principles and historical aspects of digital imaging and design. Project-based experience, with current hardware and software used in contemporary visual communications.
Materials Fee: $15.00
Transfer: CSU; UC
Grading: Letter grade only

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

ARTH-5 Survey of Western Art from Renaissance To Contemporary
Survey of the architecture, sculpture, and art of past cultures of the Western World from the Renaissance through the Modern period. (C-ID ARTH 120)
Materials Fee: $1.00
Transfer: CSU; UC
Grading: Letter grade only
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
Transfer: CSU; UC
88603 R.Khan  8:00am-9:45am  MTWTH  PS-102
06/06/16-07/27/16  Last day to add: 06/10/16
88602 S.Lord  11:00am-2:30pm  MW  ZH-122
06/06/16-07/27/16  Last day to add: 06/10/16
88580 D.McElroy  11:00am-2:30pm  TTH  ZH-122
06/07/16-07/26/16  Last day to add: 06/10/16
(more sections at Chino and Fontana)

ASTRON-35  Planets and the Solar System With Lab  4.00 UNITS
Advisory: Completion of MATH-410.
Overview of the solar system, including planets, moons, and other bodies within solar systems. Course includes laboratory activities.
Materials Fee: $3.00
Grading: Letter grade only
Transfer: CSU; UC
88601 S.Lord  7:15am-10:45am  MTWTH  PS-100
06/06/16-07/27/16  Last day to add: 06/10/16

Automotive Technology (AUTOTEC)

AUTOTEC-10  Service and Repair  4.00 UNITS
Introduction to the automotive service industry. Basic principles of the operation of engines, transmissions, driveline, steering and suspension systems, and heating and air conditioning systems.
Materials Fee: $5.00
Grading: Letter grade only
Transfer: CSU
89056 V.Martinez  6:00pm-9:30pm  MTWTH  ATL-121
06/06/16-07/27/16  Last day to add: 06/10/16

AUTOTEC-418  Suspension and Steering Systems  4.00 UNITS
Advisory: Completion of AUTOTEC-10 and 15.
Operation, diagnosis, and repair of steering and suspension systems, including wheel and tire service, and two- and four-wheel alignments. Supports the ASE A4 Exam.
Materials Fee: $7.00
Grading: Letter grade only
89057 STAFF  6:00pm-9:30pm  MTWTH  ATL-115
06/06/16-07/27/16  Last day to add: 06/10/16

Biology (BIOL)

BIOL-1  General Biology  4.00 UNITS
Introduction to the major themes and principles in biology. Topics range from molecules to the ecosystem.
Materials Fee: $2.00
Grading: Letter grade only
Transfer: CSU; UC credit limitations
88604 M.Jones  8:00am-9:45am  MTWTH  HS-143
and  10:00am-1:30pm  MW  BL-108
06/06/16-07/27/16  Last day to add: 06/10/16
88605 M.Jones  8:00am-9:45am  MTWTH  HS-143
and  10:00am-1:30pm  TTH  BL-108
06/06/16-07/27/16  Last day to add: 06/10/16
88606 D.McClelland Descalz  5:00pm-6:45pm  MTWTH  ZH-123
and  7:00pm-10:30pm  MW  BL-108
06/06/16-07/27/16  Last day to add: 06/10/16
88607 D.McClelland Descalz  5:00pm-6:45pm  MTWTH  ZH-123
and  7:00pm-10:30pm  TTH  BL-108
06/06/16-07/27/16  Last day to add: 06/10/16

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.
(C-ID BIOL 110B)
Materials Fee: $1.00
Grading: Letter grade only
Transfer: CSU; UC
88608 D.Dutton  10:00am-11:45am  MTWTH  ZH-123
and  12:00pm-3:30pm  MW  DL-107
06/06/16-07/27/16  Last day to add: 06/10/16
88609 D.Dutton  10:00am-11:45am  MTWTH  ZH-123
and  12:00pm-3:30pm  TTH  DL-107
06/06/16-07/27/16  Last day to add: 06/10/16
88610 T.Johnsen  12:00pm-1:45pm  MTWTH  ZH-123
and  8:00am-11:30am  MW  DL-107
06/06/16-07/27/16  Last day to add: 06/10/16
88611 T.Johnsen  12:00pm-1:45pm  MTWTH  ZH-123
and  8:00am-11:30am  TTH  DL-107
06/06/16-07/27/16  Last day to add: 06/10/16
88612 S.Nguyen  5:00pm-6:45pm  MTWTH  HS-143
and  7:00pm-10:30pm  MW  DL-107
06/06/16-07/27/16  Last day to add: 06/10/16
88613 S.Nguyen  5:00pm-6:45pm  MTWTH  HS-143
and  7:00pm-10:30pm  TTH  DL-107
06/06/16-07/27/16  Last day to add: 06/10/16

Additional sections of some classes may be available; check the Fontana, Rancho, and Hybrid/Online sections.
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<tr>
<td>BIOL-424L</td>
<td>Anatomy and Physiology Laboratory</td>
<td>1.00</td>
<td>TTH</td>
<td>ZH-123</td>
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<td>Business (BUS)</td>
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<tr>
<td>BUS-10</td>
<td>Introduction to Business</td>
<td>3.00</td>
<td>TTH</td>
<td>ZH-123</td>
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<td>Business: Management (BUSMGT)</td>
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<td>BUSMGT-40</td>
<td>Introduction to Management</td>
<td>3.00</td>
<td>TTH</td>
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<tr>
<td>The Guiding Panthers to Success (GPS) Centers</td>
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</tbody>
</table>

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: 909-652-7460 FNFC #121
- Rancho GPS Center: 909-652-6466 VSS #111

**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.
Business and Office Technologies (BUSOT)

BUSOT-40A  Beginning Computer Keyboarding  3.00 UNITS
Beginning computer keyboarding with mastery of alphabetic and numeric keyboard and correct touch-typing techniques. Introduction to the personal computer, word processing, and disk management.
Materials Fee: $3.00.  Transfer: CSU
Grading: Letter grade only

88986 M.Tardiff  10:00am-11:45am  MTWTH  BE-106
06/06/16-07/27/16  Last day to add: 06/10/16
88992 S.Escalante  7:00pm-8:45pm  MTWTH  BE-108
06/06/16-07/27/16  Last day to add: 06/10/16
(more sections at Chino and Fontana)

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

Chemistry (CHEM)

CHEM-9  Health Science Chemistry  5.00 UNITS
Advisory: Eligibility for Mathematics 425 as determined by the Chaffey assessment process, or completion of Mathematics 410 or 401.
Introduction to the principles of chemistry, including inorganic chemistry, organic chemistry, and biochemistry. Intended for health science students; not a science major course.
Materials Fee: $1.00  Transfer: CSU; UC credit limitations
Grading: Letter grade only

88623 M.Agawal and
88624 M.Agawal  8:00am-10:15am  MTWTH ZH-122
06/06/16-07/27/16  Last day to add: 06/10/16
10:30am-2:00pm  MW CHEM-108
06/06/16-07/27/16  Last day to add: 06/10/16

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.

CHEM-10  Introductory Chemistry  4.00 UNITS
Prerequisite: Eligibility for MATH-425 as determined by the Chaffey assessment process, or completion of MATH-410, or one year of high school algebra.
Introduction to the principles of chemistry with an emphasis on measurements, atomic and molecular structure, classification of matter, nomenclature, stoichiometry, chemical equations, gas laws, solutions and acid-base chemistry. Laboratory activities emphasize proper techniques, safety procedures, and experimental exercises in support of lecture content. (C-ID CHEM 101)
Materials Fee: $1.00  Transfer: CSU; UC credit limitations
Grading: Letter grade only

88629 N.Zapien  12:00pm-1:45pm  MTWTH  HS-143
and  2:00pm-5:30pm  MW CHEM-125
06/06/16-07/27/16  Last day to add: 06/10/16
88630 N.Zapien and M.Hamza  12:00pm-1:45pm  MTWTH  HS-143
06/06/16-07/27/16  Last day to add: 06/10/16
(sections at Chino and Fontana)

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 when combined with CHEM-24B)
Materials Fee: $2.00  Transfer: CSU; UC
Grading: Letter grade only

88631 V.Pruyanov  2:00pm-3:45pm  MTWTH  HS-143
and  4:00pm-7:30pm  MTWTH CHEM-117
06/06/16-07/27/16  Last day to add: 06/10/16

CHEM-24B  General Chemistry II  5.00 UNITS
Prerequisite: CHEM-24A.
Advisory: Completion of or concurrent enrollment in MATH-25.
Second semester General Chemistry for Science and Engineering students. Topics include kinetics, equilibrium, acid/base/buffers, thermodynamics, electrochemistry, nuclear chemistry, descriptive chemistry, and organic chemistry. Laboratory provides hands-on activities to reinforce lecture concepts, develop chemical laboratory techniques, and use the scientific method of inquiry. (C-ID CHEM 120S when combined with CHEM-24A)
Materials Fee: $1.00  Transfer: CSU; UC
Grading: Letter grade only

88632 J.Oakdale  4:00pm-5:45pm  MTWTH  ZH-122
and  6:00pm-9:30pm  MTWTH CHEM-108
06/06/16-07/27/16  Last day to add: 06/10/16

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.
### Child Development and Education (CDE)

**CDE-2  Child Growth and Development  3.00 UNITS**
Advisory: Proof of negative tuberculosis test within the past 12 months may be required for some site visits.
Introductory course examining the major physical, psychosocial, and cognitive/language developmental milestones for children, both typical and atypical, from conception through adolescence. (C-ID CDEV 110)
Materials Fee: $0.00  Transfer: CSU; UC credit limitations
Grading: Letter grade only

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<thead>
<tr>
<th>SECTION #</th>
<th>INSTRUCTOR</th>
<th>HOURS</th>
<th>DAYS</th>
<th>ROOM</th>
</tr>
</thead>
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<tr>
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<td>SS-111</td>
<td>06/06-07/27/16 Last day to add: 06/10/16</td>
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<td>88672 J.Bollman</td>
<td>11:00am-2:30pm</td>
<td>TTH</td>
<td>SS-111</td>
<td>06/06-07/27/16 Last day to add: 06/10/16</td>
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</table>

(more sections at Chino and Fontana)

### Chinese (CHIN)

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

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

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<td>LA-101</td>
<td>06/06-07/27/16 Last day to add: 06/10/16</td>
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</table>

### Communication Studies (COMSTD)

**COMSTD-2  Fundamentals of Effective Speaking  3.00 UNITS**
Advisory: Eligibility for ENGL-1A as determined by the Chaffey assessment process, or completion of ENGL-475 or ESL-475. Emphasis on preparing and delivering various types of speeches before an audience. Communication theory and speech criticism are included for student application. Oral assignments are required. (C-ID COMM 110)
Materials Fee: $4.00  Transfer: CSU; UC
Grading: Letter grade only

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<tr>
<td>88882 C.Navarro</td>
<td>6:00am-7:45am</td>
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<td>88883 C.Navarro</td>
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<td>88896 S.Shelton</td>
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<td>88877 A.Nguyen</td>
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<td>06/06-07/27/16 Last day to add: 06/10/16</td>
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<tr>
<td>88897 I.Grau</td>
<td>12:00pm-1:45pm</td>
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<td>TA-08</td>
<td>06/06-07/27/16 Last day to add: 06/10/16</td>
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<td>88878 R.Baca</td>
<td>6:00am-7:45am</td>
<td>MTWTH</td>
<td>TA-1H</td>
<td>06/06-07/27/16 Last day to add: 06/10/16</td>
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<tr>
<td>88898 I.Grau</td>
<td>8:00am-9:45am</td>
<td>MTWTH</td>
<td>TA-1H</td>
<td>06/06-07/27/16 Last day to add: 06/10/16</td>
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<td>88911 E.Rose</td>
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<td>06/06-07/27/16 Last day to add: 06/10/16</td>
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<td>88879 K.Cuulliver</td>
<td>10:00am-11:45am</td>
<td>MTWTH</td>
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<tr>
<td>88893 R.Baca</td>
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<td>06/06-07/27/16 Last day to add: 06/10/16</td>
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<tr>
<td>88899 K.Allbee</td>
<td>6:00am-7:45am</td>
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<td>TA-1H</td>
<td>06/06-07/27/16 Last day to add: 06/10/16</td>
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<tr>
<td>88884 S.Bradshaw</td>
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<td>MTWTH</td>
<td>TA-08</td>
<td>06/06-07/27/16 Last day to add: 06/10/16</td>
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### Cinema (CINEMA)

**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

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<tr>
<td>88463 D.Jacobo</td>
<td>7:00pm-9:45pm</td>
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<td>CAA-251</td>
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### Cinema (CINEMA)

**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

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<td>88456 D.Jacobo</td>
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<tr>
<td>88458 L.Rivas</td>
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<td>MW</td>
<td>CAA-218</td>
<td>06/06-07/27/16 Last day to add: 06/10/16</td>
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(online section 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

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<td>88461 J.Hill Jr</td>
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<td>06/06-07/27/16 Last day to add: 06/10/16</td>
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(online section at Chino and Fontana)
### Summer 2016 Schedule of Classes

#### 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)

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<tr>
<th>Instructor</th>
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<th>Room</th>
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<tbody>
<tr>
<td>88890 K.Allbee</td>
<td>5:00pm-6:45pm</td>
<td>MTWTH</td>
<td>TA-1L</td>
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<tr>
<td>88881 S.Roberts</td>
<td>7:00pm-8:45pm</td>
<td>MTWTH</td>
<td>TA-08</td>
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<tr>
<td>88913 S.Keough</td>
<td>7:00pm-8:45pm</td>
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<td>TA-1N</td>
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</table>

(sections at Chino and Fontana)

**Grading:** Letter grade only

**Materials Fee:** $4.00

#### 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)

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<th>Instructor</th>
<th>Hours</th>
<th>Days</th>
<th>Room</th>
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<tr>
<td>88890 K.Deets</td>
<td>8:00am-9:45am</td>
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<td>TA-1J</td>
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<tr>
<td>88995 S.Brandshaw</td>
<td>7:00pm-8:45pm</td>
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<td>TA-1J</td>
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</table>

**Grading:** Letter grade only

**Materials Fee:** $4.00

#### 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)

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<th>Instructor</th>
<th>Hours</th>
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<th>Room</th>
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<tbody>
<tr>
<td>88876 A.Nguyen</td>
<td>8:00am-9:45am</td>
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<td>TA-08</td>
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<tr>
<td>88892 J.Warhol</td>
<td>12:00pm-1:45pm</td>
<td>MTWTH</td>
<td>TA-1J</td>
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<tr>
<td>88912 S.Keough</td>
<td>5:00pm-6:45pm</td>
<td>MTWTH</td>
<td>TA-1N</td>
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<tr>
<td>88901 K.Allbee</td>
<td>7:00pm-8:45pm</td>
<td>MTWTH</td>
<td>TA-1L</td>
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</tbody>
</table>

(sections at Chino and Fontana)

**Grading:** Letter grade only

**Materials Fee:** $4.00

### Computer Information Systems: Core (CIS)

#### CIS-1 Introduction to Computer Information Systems 3.00 UNITS

Principles and applications of computers including their role in business and society. Provides computer competency for Computer Information Systems majors and non-majors. (C-ID ITIS 120 and BUS 140)

**Materials Fee:** $0.00

**Grading:** Letter grade only

<table>
<thead>
<tr>
<th>Instructor</th>
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<tbody>
<tr>
<td>89060 J.Alfano</td>
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<tr>
<td>89062 J.Alfano</td>
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<td>BE-100</td>
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</table>

(sections online and at Chino and Fontana)

**Grading:** Transfer: CSU; UC credit limitations

#### CISPROG-1 Introduction to Computer Programming 3.00 UNITS

Prerequisite: CIS-1.

Introduction to the principles of computer programming including the program development life cycle, control structures, and object-oriented programming. (C-ID COMP 112)

**Materials Fee:** $0.00

**Grading:** Letter grade only

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<tr>
<th>Instructor</th>
<th>Hours</th>
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<tr>
<td>89066 T.Kocher</td>
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<td>BE-104</td>
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**Grading:** Transfer: CSU; UC

Visit our website at [www.chaffey.edu](http://www.chaffey.edu) for application and registration information.
### Computer Science (COMPSCI)

**COMPSCI-1 Programming Concepts and Methodology I** 3.00 UNITS  
Advisory: Completion of CISPROG-1. Introduces the discipline of computer science using a high level language, utilizing programming and practical hands-on problem solving. Topics include hardware, software, computer architecture, memory and registers, input-output data operations, storage, information control, problem solving, and Object Oriented Programming. First course in a sequence of courses that is compliant with the standards of the Association for Computing Machinery (ACM). (C-ID COMP 122)  
Materials Fee: $0.00  
Grading: Letter grade only  

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<th>SECTION #</th>
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### Dental Assisting (DENTAL)

**DENTAL-420 Radiography for Dental Assistants** 6.00 UNITS  
Prerequisite: DENTAL-400. In-depth study of dental radiography. Including basic principles; characteristics and terminology; biological effects; placement and processing techniques; film mounting; error identification and correction.  
Materials Fee: $20.00  
Grading: Letter grade only  

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<td>HS-106</td>
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<td>89017</td>
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<td>HS-109B</td>
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<td>05/24/16-07/27/16</td>
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### Correctional Science (CRSCI)

**CRSCI-3 Correctional Law** 3.00 UNITS  
Advisory: Completion of CRSCI-1. Legal aspects of corrections from conviction/commitment to release. Discussion of the correctional system and facilities. The balance of protecting the rights of offenders versus the need to protect society. Materials Fee: $3.00  
Grading: Letter grade only  

### Digital Media

### Disability Programs and Services (DPS)

**DPS-657 Vocational Skills for Students With Disabilities** 0.00 UNITS  
Open-entry/exit course for students with disabilities, teaching work skills that increased their earning potential and level of independence. Curriculum may include entry-level work skills, job retention skills, and interpersonal skill development. May be repeated. NOTE: Student must have been identified under Title V regulations as a Developmentally Delayed Learner. Students should have the willingness to work in large and small groups, individualized and/or laboratory settings, and the desire to develop work, reading, and money handling skills as related to a vocation and independent living. Student must not be injurious to self or others. NOTE: Arranged hours with instructors between 8:00am and 3:15pm, MTWTH. Materials Fee: $0.00  
Grading: Ungraded  

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

**DRAFT-20 Computer-Aided Drafting and Design** | 4.00 UNITS  
Advisory: Completion of CIS-4 or Windows experience.  
Introduction to Computer Aided Drafting and Design (CADD) technology, terminology, and application, using an industry-standard program. Emphasis on two-dimensional working drawings.  
Materials Fee: $5.00  
Grading: Letter grade only  

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### Earth Science (ESC)

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

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**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  
Grading: Letter grade only  

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### Economics (ECON)

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

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**ECON-2 Principles of Macroeconomics** | 3.00 UNITS  
Prerequisite: Eligibility for MATH-425 as determined by the Chaffey assessment process, or completion of MATH-410.  
Advisory: Completion of MATH-425. Study of market systems, aggregate measures of economic activity, macroeconomic equilibrium, money and financial institutions, monetary and fiscal policy, international economics, and economic growth.  
Materials Fee: $0.00  
Grading: Letter grade only  

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**ECON-4 Principles of Microeconomics** | 3.00 UNITS  
Prerequisite: Eligibility for MATH-425 as determined by the Chaffey assessment process, or completion of MATH-410.  
Advisory: Completion of MATH-425. Study of the choices of individual economic decision-makers on markets, taxation, production, scarcity, competition, monopoly, and regulation. Effects of taxes on individuals and businesses; income distribution and poverty; economics of race, gender, and culture; and market failure.  
Materials Fee: $0.00  
Grading: Letter grade only  

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### Electricity

(See Industrial Electrical Technology in Chino section)

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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.
Emergency Medical Technician (EMT)

EMT-405  Emergency Medical Responder  3.00 UNITS
Services
Limitation on Enrollment: Student must be 18 years or older at the start of the course.
Advisory: Students should possess good dexterity and physical condition, have the ability to lift and carry up to 150 pounds, and be able to work in confined spaces and different positions (e.g. on the ground or floor).
Emergency Responder and CPR training for the professional rescuer, meeting CA Title 22 requirements. Course meets the American Heart Association CPR prerequisite and recommended preparation for admission to the EMT program.
Materials Fee: $3.00
Grading: Letter grade only

EMT-411  Emergency Medical Technician  7.00 UNITS
Limitation on Enrollment: Student must be 18 years or older at the start of the course, and possess a current American Heart Association Health Care Provider CPR card.
Prerequisite: EMT-405.
Advisory: Students should possess good dexterity and have good physical condition with the ability to lift 150 pounds and work in confined areas and in different positions (e.g. on the ground or floor).
Basic rescue skills needed for assessment, immediate treatment and transport of urgently ill or injured clients. Preparation for National Registry and the ICEMA certifying exam.
Materials Fee: $3.00
Grading: Letter grade only

ENGLISH (ENGL)

ENGL-1A  Composition  3.00 UNITS
Prerequisite: Eligibility for ENGL-1A as determined by the Chaffey assessment process, or successful completion of ENGL-450, ENGL-475, ESL-450, ESL-475, or READ-550.
Study and practice of expository and argumentative writing techniques. Frequent writing of compositions, with the ultimate goal of writing a research paper. A minimum of 6,000 written words is expected in the course. Three hours of supplemental learning in a Success Center that supports this course is required. (C-ID ENGL 100)
Materials Fee: $2.00
Transfer: CSU; UC
NOTE: Sections held in LA-111 and LA-113 may have in-class computer writing assignments. Basic computer and keyboarding skills are recommended.
Grading: Letter grade only

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

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.

ESL 475 Fundamentals of College Reading and Writing for ESL Students
ESL 475 Fundamentals of College Reading and Writing
ENGLISH 475 Fundamentals of College Reading and Writing
ENGLISH 575 Introduction to College Reading and Writing
ENGLISH 675 Preparation for College Reading and Writing
BUSOT 455 Fundamentals of English for Business
RE-ASSESSMENT *
ENGLISH 1A Composition
ENGLISH 475 Fundamentals of College Reading and Writing
ENGLISH 575 Introduction to College Reading and Writing
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-1B  Advanced Composition and Critical Thinking

**Prerequisite:** ENGL-1A.

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

(C-ID ENGL 105)

Materials Fee: $1.00

Grading: Letter grade only

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(Additional sections online and at Chino and Fontana)

### ENGL-1C  Introduction to Literature

**Prerequisite:** ENGL-1A.

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

Materials Fee: $1.00

Grading: Letter grade only

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(Additional sections online and at Chino and Fontana)

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

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

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

Materials Fee: $2.00

Grading: Letter grade only

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<td>MTWTH</td>
<td>LA-110</td>
<td></td>
</tr>
<tr>
<td>88918 M. Lopez</td>
<td>7:30am-9:45am</td>
<td>MTWTH</td>
<td>LA-101</td>
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<tr>
<td>88947 C. Vannimwegen</td>
<td>7:30am-9:45am</td>
<td>MTWTH</td>
<td>LA-101</td>
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<tr>
<td>88951 C. Castro</td>
<td>7:30am-9:45am</td>
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<td>BE-104</td>
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<tr>
<td>88955 B. Cortez</td>
<td>7:30am-9:45am</td>
<td>MTWTH</td>
<td>BE-106</td>
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<tr>
<td>88919 M. Lopez</td>
<td>7:30am-9:45am</td>
<td>MTWTH</td>
<td>BE-106</td>
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<tr>
<td>88952 C. Castro</td>
<td>7:30am-9:45am</td>
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<tr>
<td>88956 B. Cortez</td>
<td>7:30am-9:45am</td>
<td>MTWTH</td>
<td>BE-106</td>
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</table>

(Additional sections online and at Chino and Fontana)

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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:

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

Additional sections of some classes may be available; check the Fontana, Rancho, and Hybrid/Online sections.
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.
Grading: Letter grade only
Materials Fee: $2.00
Not degree applicable

ESL-508  Pronunciation of American English  3.00 UNITS
Prerequisite: Placement recommendation by the ESL assessment test into ESL-544, 546, or 548 or higher level course, or satisfactory completion of ESL-534, 536, or 538.
Intensive instruction speaking and pronunciation skills to improve fluency and minimize accents. Topics include: consonants and vowels, pitch and intonation patterns, rhythm, and sound reductions. Eight hours of supplemental learning in a Success Center that supports this course is required.
Materials Fee: $0.00
Grading: Pass/No Pass only

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

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

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

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.
Grading: Letter grade only
Materials Fee: $2.00
Not degree applicable

ESL-508  Pronunciation of American English  3.00 UNITS
Prerequisite: Placement recommendation by the ESL assessment test into ESL-544, 546, or 548 or higher level course, or satisfactory completion of ESL-534, 536, or 538.
Intensive instruction speaking and pronunciation skills to improve fluency and minimize accents. Topics include: consonants and vowels, pitch and intonation patterns, rhythm, and sound reductions. Eight hours of supplemental learning in a Success Center that supports this course is required.
Materials Fee: $0.00
Grading: Pass/No Pass only

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

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

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

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

**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
- Grading: Letter grade only
- 909/652-6404

**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
- Grading: Letter grade only
- 909/652-6404

### Gerontology (GERO)

**GUID-650 Supervised Tutoring**
- **0.00 UNITS**
- Limitation on Enrollment: Referral by course instructor or academic counselor is required. Student must be enrolled in another Chaffey College course.
- Open-entry/open-exit supervised tutoring course that provides students assistance in understanding college course assignments. Individualized/small group tutoring and Supplemental Instruction (SI) sessions are conducted outside of class time in a learning assistance center, and are structured to help students achieve specific course objectives or improve learning and study skills in specific subject matter. The content of this course varies according to the course for which tutoring is sought. May be repeated. Materials Fee: $0.00
- Non-credit
- 909/652-6675

### 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
- Grading: Letter grade only
- 909/652-6675

**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
- 909/652-6675

**GUID-3 Supervised Tutoring**
- **0.00 UNITS**
- Limitation on Enrollment: Referral by course instructor or academic counselor is required. Student must be enrolled in another Chaffey College course.
- Open-entry/open-exit supervised tutoring course that provides students assistance in understanding college course assignments. Individualized/small group tutoring and Supplemental Instruction (SI) sessions are conducted outside of class time in a learning assistance center, and are structured to help students achieve specific course objectives or improve learning and study skills in specific subject matter. The content of this course varies according to the course for which tutoring is sought. May be repeated. Materials Fee: $0.00
- Non-credit
- 909/652-6675

### 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-47S or ESL-47S. 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
- 909/652-6253

**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.
Advanced Tennis 1.00 UNITS
Course emphasizes the rules, court etiquette, history, and advanced skills of tennis.
Materials Fee: $1.00
Grading: Letter grade only
89089 STAFF 10:00am-11:45am MTWTH G-TEN/CRT
06/06/16-07/27/16 Last day to add: 06/10/16

Volleyball 1.00 UNITS
Course emphasizes rules, strategy, and basic volleyball skill development such as setting, digging, serving, spiking and team strategies.
Materials Fee: $1.00
Grading: Letter grade only
89092 L.Chowen 5:00pm-6:45pm MTWTH G-GYM
06/06/16-07/27/16 Last day to add: 06/10/16

Advanced Volleyball 1.00 UNITS
Advisory: Previous volleyball experience is recommended.
Advanced volleyball skills with emphasis on strategy, skills, and complex offensive and defensive schemes.
Materials Fee: $1.00
Grading: Letter grade only
89094 L.Chowen 5:00pm-6:45pm MTWTH G-GYM
06/06/16-07/27/16 Last day to add: 06/10/16

Basketball 1.00 UNITS
Rules, court etiquette, basic offensive and defensive positions, and basic passing and dribbling techniques of basketball.
Materials Fee: $1.00
Grading: Letter grade only
89097 P.Harris 10:00am-11:45am MTWTH G-GYM
06/06/16-07/27/16 Last day to add: 06/10/16

Intermediate Soccer 1.00 UNITS
Advisory: Completion of KINACT-22.
Designed for players with basic soccer playing skills and understanding of the game who wish to improve their playing abilities. Topics include heading drills, systems of play, ball control skills, and advanced and defense and offense tactics.
Materials Fee: $1.00
Grading: Letter grade only
89103 G.Cooper 5:00pm-6:45pm MTWTH G-SC/FIELD
06/06/16-07/27/16 Last day to add: 06/10/16

Low Impact Aerobics 1.00 UNITS
High energy, low impact aerobic exercises stressing good posture, proper warm-ups and cool-downs, strength, flexibility, and endurance exercise.
Designed for beginning students.
Materials Fee: $2.00
Grading: Letter grade only
89103 G.Cooper 5:00pm-6:45pm MTWTH G-SC/FIELD
06/06/16-07/27/16 Last day to add: 06/10/16

Summer 2016 Schedule of Classes 78
### KINLEC-13 Professional Activities: Coaching Team Sports

Information and experience for prospective players, coaches, and teachers. Introduction to the physical, mental, and emotional aspects of playing and coaching competitive sports.

- **Materials Fee:** $3.00  
  - Transfer: CSU; UC credit limitations  
  - Grading: Letter grade only
- **SECTION #**  
  - 89154 STAFF  
  - 7:00pm-10:30pm  
  - MW  
  - MOD-3  
  - Last day to add: 06/10/16

### KINLEC-15 Diet and Fitness

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
- **SECTION #**  
  - 88991 R.Baiz  
  - 8:00am-9:45am  
  - MTWTH  
  - G-133  
  - Last day to add: 06/10/16
  
  - 88993 STAFF  
  - 7:00pm-8:45pm  
  - MTWTH  
  - G-133  
  - Last day to add: 06/10/16

### KINLEC-16 First Aid

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
- **SECTION #**  
  - 89015 J.Stewart  
  - 8:00am-9:45am  
  - MTWTH  
  - G-133  
  - Last day to add: 06/10/16
  
  - 89025 J.Harlow  
  - 10:00am-11:45am  
  - MW  
  - G-135  
  - Online hours  
  - SECT 89025: Hybrid class; see pages 90-91 for more info.
  
  - 89016 C.Walters  
  - 7:00pm-10:30pm  
  - TTH  
  - G-135  
  - Last day to add: 06/10/16

### KINLEC-18 Introduction to Kinesiology

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
- **SECTION #**  
  - 89021 STAFF  
  - 12:00pm-1:45pm  
  - MTWTH  
  - G-133  
  - Last day to add: 06/10/16
  
  - 89080 STAFF  
  - 7:00pm-8:45pm  
  - MTWTH  
  - G-134  
  - Last day to add: 06/10/16

### KINLEC-2 Introduction to Athletic Training

Advisory: Possession of current first-aid and cardiopulmonary resuscitation cards.

Concepts of prevention, recognition, emergency care, evaluation, management, treatment and rehabilitation and reconditioning resulting from physical activity and athletics. Course is intended for students interested in pursuing careers as Athletic Trainers and/or Coaches.

- **Materials Fee:** $2.00  
  - Transfer: CSU; UC
- **SECTION #**  
  - 89082 STAFF  
  - 10:00am-11:30am  
  - MTWTH  
  - G-133  
  - Last day to add: 06/10/16
  
  - 89082 STAFF  
  - 10:00am-11:30am  
  - MTWTH  
  - G-133  
  - 27 hrs/term arranged  
  - Last day to add: 06/10/16

### 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.
### 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
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>89030</td>
<td>R.Haday</td>
<td>12:00pm-2:30pm</td>
<td>M</td>
<td>G-134</td>
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<tr>
<td></td>
<td></td>
<td>Field Trip</td>
<td></td>
<td>OTHR</td>
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<td>06/06-07/25/16</td>
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<td></td>
<td></td>
<td>SECT 89030: A three day field trip to the Sierras scheduled for July 22-24 or weekend trips to local mountains is a required part of this class.</td>
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<tr>
<td></td>
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<td>There are fees for the field trip.</td>
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</tbody>
</table>

### Kinesiology: Team (KINTM)  909/652-6290

#### KINTM-1A  Football Team Activity  0.50 UNITS
Limitation on Enrollment: Enrollment is based on a successful tryout.
Advisory: Competitive football background is recommended.
Information and practice in the development of football basic skills and techniques. Instructor consent required for enrollment. May be taken 4 times.
Materials Fee: $2.00  Transfer: CSU
Grading: Letter grade only

<table>
<thead>
<tr>
<th>SECTION #</th>
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<tr>
<td>89026</td>
<td>A.Arceneaux</td>
<td>2:30pm-3:58pm</td>
<td>TWTH</td>
<td>G-AR/FIELD</td>
</tr>
<tr>
<td></td>
<td></td>
<td>06/21-07/16</td>
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<td>Last day to add: 06/22/16</td>
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<tr>
<td></td>
<td></td>
<td>SECT 89026: This section is for offense players. Instructor signature required for enrollment.</td>
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</tr>
<tr>
<td>89024</td>
<td>A.Arceneaux</td>
<td>4:00pm-5:28pm</td>
<td>TWTH</td>
<td>G-AR/FIELD</td>
</tr>
<tr>
<td></td>
<td></td>
<td>06/21-07/16</td>
<td></td>
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<tr>
<td></td>
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<td>Last day to add: 06/22/16</td>
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<tr>
<td></td>
<td></td>
<td>SECT 89024: This section is for defense players. Instructor signature required for enrollment.</td>
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#### KINTM-2  Volleyball Team Activity, Women  1.00 UNITS
Limitation on Enrollment: Enrollment is based on a successful tryout.
Designed for women interested in learning competitive volleyball and joining the women’s intercollegiate team. Instructor consent required for enrollment. May be taken 4 times.
Materials Fee: $1.00  Transfer: CSU; UC credit limitations
Grading: Letter grade only

<table>
<thead>
<tr>
<th>SECTION #</th>
<th>INSTRUCTOR</th>
<th>HOURS</th>
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<tr>
<td>89022</td>
<td>L.Chowen</td>
<td>3:00pm-4:45pm</td>
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<td>G-GYM</td>
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<td>06/06-07/16</td>
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<td>SECT 89022: Instructor signature required for enrollment.</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.

### Additional Classes

#### KINTM-3  Basketball Team Activity, Women  1.00 UNITS
Limitation on Enrollment: Enrollment based on a successful tryout.
Focus on history, conditioning, rules, and fundamental and advanced skills needed for competitive women’s basketball. Instructor consent required for enrollment. May be taken 4 times.
Materials Fee: $1.00  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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<tbody>
<tr>
<td>88868</td>
<td>L.Burnett</td>
<td>1:00pm-2:38pm</td>
<td>MTWTH</td>
<td>SPRT-GYM</td>
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<td>06/06-07/16</td>
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<td></td>
<td>SECT 88869: Instructor signature required for enrollment.</td>
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</tbody>
</table>

#### KINTM-5  Water Polo Team Activity, Men  1.00 UNITS
Limitation on Enrollment: Enrollment is based on a successful tryout.
Rules, etiquette, history, and advanced skills of water polo. Course is designed for the prospective water polo intercollegiate team participant. Instructor consent required for enrollment. May be taken 4 times.
Materials Fee: $1.00  Transfer: CSU; UC credit limitations
Grading: Letter grade only

<table>
<thead>
<tr>
<th>SECTION #</th>
<th>INSTRUCTOR</th>
<th>HOURS</th>
<th>DAYS</th>
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<td>88868</td>
<td>C.Carlson</td>
<td>4:00pm-5:38pm</td>
<td>MTWTH</td>
<td>G-POOL</td>
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<td>06/06-07/16</td>
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<td>SECT 88868: Instructor signature required for enrollment.</td>
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</table>

#### 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 credit limitations
Grading: Letter grade only

<table>
<thead>
<tr>
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<th>INSTRUCTOR</th>
<th>HOURS</th>
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<td>88843</td>
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<td>SPRT-GYM</td>
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<td>06/06-07/16</td>
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<tr>
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<td>SECT 88843: Instructor signature required for enrollment.</td>
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</tbody>
</table>

#### KINTM-7  Cross Country Team Activity, Men  1.00 UNITS
Limitation on Enrollment: Enrollment based on a successful tryout.
Provides training in skills, techniques, strategies, and conditioning for cross country runners. Designed for men interested in competitive cross country at the college level. May be taken 4 times.
Materials Fee: $0.00  Transfer: CSU; UC credit limitations
Grading: Letter grade only

<table>
<thead>
<tr>
<th>SECTION #</th>
<th>INSTRUCTOR</th>
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<tbody>
<tr>
<td>88852</td>
<td>R.Lander</td>
<td>7:00am-8:45am</td>
<td>MTWTH</td>
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<td>06/06-07/16</td>
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<td>SECT 88852: Instructor signature required for enrollment.</td>
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#### KINTM-8  Cross Country Team Activity, Women  1.00 UNITS
Limitation on Enrollment: Enrollment is based on a successful tryout.
Training in skills, techniques, strategies, and conditioning for cross country runners. Designed for women interested in competitive cross country at the college level. Instructor consent required for enrollment. May be taken 4 times.
Materials Fee: $0.00  Transfer: CSU
Grading: Letter grade only

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<th>INSTRUCTOR</th>
<th>HOURS</th>
<th>DAYS</th>
<th>ROOM</th>
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<td>7:00am-8:45am</td>
<td>MTWTH</td>
<td>G-TRACK</td>
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<td>SECT 88842: Instructor signature required for enrollment.</td>
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</table>
KINTM-9  Water Polo Team Activity, Women  1.00 UNITS
Limitation on Enrollment: Enrollment is based on a successful tryout.
Rules, etiquette, history, and advanced skills for competitive water polo play.
Designed for prospective women's water polo team participants. Instructor consent required for enrollment. May be taken 4 times.
Materials Fee: $1.00  Transfer: CSU; UC credit limitations
Grading: Letter grade only

88840 J.Spalding  4:00pm-5:38pm MTWTH G-POOL
06/06/16-07/27/16  Last day to add: 06/10/16
SECT 88840: Instructor consent required for enrollment.

KINTM-14  Soccer Team Activity, Men  1.00 UNITS
Limitation on Enrollment: Enrollment is based on a successful tryout.
Advisory: Competitive soccer background is recommended.
Information and practice to develop basic soccer skills, techniques, and strategies. Designed for men interested in playing competitive soccer at the college level. Instructor consent required for enrollment. May be taken 4 times.
Materials Fee: $1.00  Transfer: CSU; UC credit limitations
Grading: Letter grade only

89029 B.Cooper  9:45am-12:00pm MTWTH G-SC/FIELD
06/20/16-07/27/16  Last day to add: 06/22/16
SECT 89029: Instructor consent required for enrollment.

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

89028 G.Cooper  7:45am-10:00am MTWTH G-SC/FIELD
06/20/16-07/27/16  Last day to add: 06/22/16
SECT 89028: Instructor consent required for enrollment.

KINTM-62  Football Strength and Conditioning for Athletes  1.00 UNITS
Limitation on Enrollment: Concurrent or previous enrollment in any Football 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: $0.00  Transfer: CSU
Grading: Letter grade only

88836 P.Roberts  8:00am-9:38am MTWTH G-111
06/06/16-07/27/16  Last day to add: 06/10/16
SECT 88836: Instructor consent required for enrollment.

KINTM-65A  Water Polo Strength and Conditioning  0.50 UNITS
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  Transfer: CSU
Grading: Letter grade only

88832 P.Roberts  2:30pm-3:20pm MTWTH G-111
06/06/16-07/27/16  Last day to add: 06/10/16
SECT 88832: This section is for men's water polo athlete. Instructor consent required for enrollment.

KINTM-67A  Swimming Strength and Conditioning  0.50 UNITS
Limitation on Enrollment: Concurrent or previous enrollment in any Swimming KINTM course.
Advanced sport-specific drills and exercises for swimming athletes. Exercises are prescribed by the instructor and are tailored to the physical demands of the sport and individuals’ capabilities. May be taken four times.
Material Fee: $1.00  Transfer: CSU
Grading: Letter grade only

88833 P.Roberts  2:30pm-3:20pm MTWTH G-111
06/06/16-07/27/16  Last day to add: 06/10/16
SECT 88833: This section is for women’s swim athletes. Instructor consent required for enrollment.

Management
(See Business: Management)

Mathematics (MATH)
(Also see Statistics)  909/652-6403

MATH-25  College Algebra  4.00 UNITS
Prerequisite: Eligibility for MATH-25 as determined by the Chaffey assessment process, or completion of MATH-425.
Topics include solutions to higher degree polynomial equations: functions, polynomial, rational, inverse, etc..
Materials Fee: $1.00  Transfer: CSU; UC credit limitations
Grading: Letter grade only

88504 J.Brouwer  06/06/16-07/27/16  Last day to add: 06/10/16
88509 C.Dang  06/06/16-07/27/16  Last day to add: 06/10/16
88505 J.Brouwer  06/06/16-07/27/16  Last day to add: 06/10/16
88510 R.Kopp  06/06/16-07/27/16  Last day to add: 06/10/16
88506 A.Lam  06/06/16-07/27/16  Last day to add: 06/10/16
88511 M.Badibanga  06/06/16-07/27/16  Last day to add: 06/10/16
88514 S.Mishra  06/06/16-07/27/16  Last day to add: 06/10/16
88507 M.Matin  06/06/16-07/27/16  Last day to add: 06/10/16
88512 S.Du  06/06/16-07/27/16  Last day to add: 06/10/16
88508 T.Denson  06/06/16-07/27/16  Last day to add: 06/10/16
7:30am-9:45am  MTWTH VSS-109
7:30am-9:45am  MTWTH MATH-114
10:00am-12:15pm  MTWTH MATH-112
10:00am-12:15pm  MTWTH MATH-112
12:30pm-2:45pm  MTWTH MATH-114
12:30pm-2:45pm  MTWTH MATH-114
12:30pm-2:45pm  MTWTH HS-127
4:30pm-6:45pm  MTWTH MATH-112
4:30pm-6:45pm  MTWTH MATH-114
7:00pm-9:15pm  MTWTH MATH-112
Last day to add: 06/10/16
MATH-31  Plane Trigonometry  4.00 UNITS
Prerequisite: MATH-25.
Advisory: Completion of 1 year high school geometry.
Topics include trigonometric functions, radian measure, graphs, inverse trigonometric functions, vectors, and more. Students may be required to obtain a graphing utility for the course.
Materials Fee: $1.00  Transfer: CSU
Grading: Letter grade only

MATH-60  Calculus for Business  4.00 UNITS
Prerequisite: Eligibility for MATH-31 as determined by the Chaffey assessment process, or completion of MATH-25.
Techniques of calculus as applied to problem solving in business and economics, including limits, continuity, differentiation and integration in one and several dimensions, optimization, and transcendental functions. (C-ID MATH 140)
Materials Fee: $1.00  Transfer: CSU; UC
Grading: Letter grade only

MATH-61  Pre-Calculus  4.00 UNITS
Prerequisite: Eligibility for MATH-61 as determined by the Chaffey assessment process, or completion of MATH-25 and 31.
Further studies in algebra and trigonometry for students intending to take calculus. NOTE: A graphing calculator is required; students should see instructor for specifics, since CAS-based calculators may be prohibited.
Materials Fee: $1.00  Transfer: CSU; UC credit limitations
Grading: Letter grade only

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

MATH-65B  Calculus II  4.00 UNITS
Prerequisite: MATH-65A.
Applications of the definite integral including area, volume, arc length, surfaces of revolution, and more. Students may be required to obtain a graphing utility for the course. (C-ID MATH 221)
Materials Fee: $1.00  Transfer: CSU; UC
Grading: Letter grade only
### MATH-425 Intermediate Algebra 4.00 UNITS

**Prerequisite:** Eligibility for MATH-425 as determined by the Chaffey assessment process, or completion of MATH-410. Extends concepts from Elementary Algebra. Content includes: polynomial, radical, absolute value, exponential and logarithmic expressions, equations, and functions; linear and non-linear systems of equations and inequalities; quadratic equations; graphing of nonlinear functions; complex numbers; nonlinear single-variable inequalities; conic sections; sequences; series; and the Binomial Theorem.

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<th>DAYS</th>
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<td>88549 (more sections at Chino and Fontana)</td>
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Grading: Letter grade only

Materials Fee: $1.00

Transfer: CSU; UC

**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.**
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, measurements, percentages, and signed numbers. Four hours of supplemental learning in a Success Center that supports this course is required.
Materials Fee: $1.00  Not degree applicable
Grading: Letter grade only

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<td>and</td>
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<td>and</td>
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(more sections at Chino and Fontana)

MATH-520  Pre-Algebra  4.00 UNITS
Prerequisite: Eligibility for MATH-520 as determined by the Chaffey assessment process, or completion of MATH-510.
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  Not degree applicable
Grading: Letter grade only

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(more sections at Chino and Fontana)

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

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

MATH-610  Preparation for the Study of Algebra  0.00 UNITS
Mathematics review for students whose assessment results indicate placement into Arithmetic or Pre-Algebra, and who wish to re-acquire the skills needed to re-assess into a higher level mathematics course. Course focuses on mastery of basic mathematics competencies, including 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 (Online software fee is approx. $38)  Non-credit
Grading: Pass/No Pass

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<td>88563</td>
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<td>88588</td>
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Music (MUSIC)

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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(Another section at Fontana)

MUSIC-21  History of Jazz  3.00 UNITS
Survey of the development of jazz from its origins in the Afro-American society, through the developmental periods of the various metropolitan areas, to the present day eclectic style.
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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<tbody>
<tr>
<td>88469</td>
<td>P. Aranda</td>
<td>12:00pm-1:45pm</td>
<td>MTWTH</td>
<td>CAE-102</td>
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<tr>
<td>06/06/16-07/27/16</td>
<td>Last day to add: 06/10/16</td>
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Additional sections of some classes may be available; check the Fontana, Rancho, and Hybrid/Online sections.
### Music: History and Survey of Rock Music (MUSIC-22)
- **Description:** Survey of rock music styles covering their origins, development, and cultural impact.
- **Materials Fee:** $1.00
- **Transfer:** CSU; UC
- **Instructor:** M. Lake
  - 7:15am-10:45am MTWTH G-134 Last day to add: 06/10/16
- **Instructor:** D. Alverson
  - 8:00am-9:45am MTWTH CAE-102 Last day to add: 06/10/16

### Nutrition and Food (NF)
**NF-5** Nutrition for Life 3.00 UNITS
- Essentials of nutrition as they relate to diet, health and disease, risk reduction, stress, and nutritional deficiencies.
- **Materials Fee:** $4.00
- **Transfer:** CSU; UC
- **Instructor:** A. Fitzgerald
  - 8:00am-9:45am MTWTH G-134 Last day to add: 06/10/16 (more sections 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
- **Transfer:** CSU; UC
- **Instructor:** A. Fitzgerald
  - 7:00pm-10:30pm MW G-135 Last day to add: 06/10/16 (another section at Chino)

### Nursing: Vocational (NURVN)
- **Section:** Nutrition for Life 3.00 UNITS
- **Transfer:** CSU; UC
- **Instructor:** T. Maez
  - 240 hrs/term unpaid work experience CLIN 06/06/16-07/27/16 Last day to add: 06/10/16

### 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
- **Transfer:** CSU; UC
- **Instructor:** S. Gachot
  - 11:00am-2:30pm MW SS-100 06/06/16-07/27/16 Last day to add: 06/10/16 (more sections at Chino and Fontana)

### Philosophy (PHIL)
**PHIL-70** Introduction to Philosophy 3.00 UNITS
- 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
- **Instructor:** B. King
  - 5:00pm-6:45pm MTWTH WH-142 06/06/16-07/27/16 Last day to add: 06/10/16 (more sections online and at Fontana)

**PHIL-76** Critical Thinking 3.00 UNITS
- 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
- **Instructor:** B. King
  - 2:00pm-3:45pm MTWTH SS-102 06/06/16-07/27/16 Last day to add: 06/10/16 (another section at Chino)

### Pharmacy Technician (PHARMT)
**PHARMT-482** Clinical Externship 4.00 UNITS
- 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
- **Transfer:** CSU; UC
- **Instructor:** T. Maez
  - 240 hrs/term unpaid work experience CLIN 06/06/16-07/27/16 Last day to add: 06/10/16

### Additional help with the cost of textbooks?
Chaffey's Emergency Book Grant and Textbook Rental programs can assist you. For details about the book grants, please call 909/652-6590 or 6593. For more info about the rental program, please call 909/652-6577.

Textbook vouchers are valid only at Chaffey College bookstores and are not accepted at commercial bookstores or websites.
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
88494 C.Crone 7:00pm-10:30pm MTWTH CAA-123
Last day to add: 06/10/16
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
88495 K.Haddad 11:00am-2:30pm TTH CAA-123
and Online hours INET
Last day to add: 06/10/16
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
88496 A.Sanchez 11:00am-2:30pm MW CAA-127
and 11:00am-2:30pm TTH CAA-129
Last day to add: 06/10/16

Physical Education
(See Kinesiology)

Physics Course Sequence

for non-science majors

PHYS-5  

for life/medical science majors requiring physics with trigonometry

PHYS-20A  

MATH-31 (Prerequisite)  

PHYS-20B  

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

PHYS-5  

PHYS-30A  

MATH-65A (Corequisite)  

PHYS-30B  

MATH-61 (Prerequisite)  

PHYS-44 (transfers as an elective)  

PHYS-6  

MATH 5 (Prerequisite)  

PHYS-45 (CSU & UC transferable)  

PHYS-65A (Prerequisite)  

PHYS-46 (CSU & UC transferable)  

PHYS-65B (Prerequisite)  

PHYS-47 (CSU & UC transferable)

Physics (PHYS)

909/652-6404

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
88590 R.Ruiz 5:00pm-6:45pm MTWTH HS-127
Last day to add: 06/10/16
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
88591 R.Ruiz 7:00pm-10:30pm TTH PS-120
Last day to add: 06/10/16

Political Science (PS)

909/652-6253

PS-1 American Politics  3.00 UNITS
Advisory: Completion of ENGL-1A.
Study of the American political process and institutions. Analysis of the organization and function of California’s state and local governments.
Materials Fee: $0.00
Grading: Letter grade only
88711 L.Bohon 8:00am-9:45am MTWTH SS-104
Last day to add: 06/10/16
88712 L.Bohon 10:00am-11:45am MTWTH SS-104
Last day to add: 06/10/16
88720 M.Hijaz 10:00am-11:45am MTWTH SS-103
Last day to add: 06/10/16
88724 G.White 7:00pm-10:30pm TTH HS-143
Last day to add: 06/10/16
(more sections online and at Chino and Fontana)

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

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.
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

88727 N.Barbari 8:00am-9:45am TTH WH-112
and Online hours INET
06/06/16-07/27/16 Last day to add: 06/10/16
SECT 88727: Hybrid class; see pages 90-91 for more info.

88728 J.Buchanan 10:00am-11:45am MTWTH SS-108
06/06/16-07/27/16 Last day to add: 06/10/16
88729 J.Buchanan 12:00pm-1:45pm MTWTH SS-108
06/06/16-07/27/16 Last day to add: 06/10/16
88731 H.Lucas 7:00pm-10:30pm MW SS-113
06/06/16-07/27/16 Last day to add: 06/10/16
88730 H.Lucas 7:00pm-10:30pm TTH CAA-211
06/07/16-07/26/16 Last day to add: 06/10/16
(more sections online and at Chino and Fontana)

PSYCH-25 Developmental Psychology: Lifespan 3.00 UNITS
Development
Study of human development from conception through old age with particular emphasis on biological and environmental influences. (C-ID PSY 180)
Materials Fee: $0.00
Transfer: CSU; UC credit limitations
Grading: Letter grade only

88749 C.Umali Kopp 7:15am-10:45am MW WH-142
06/06/16-07/27/16 Last day to add: 06/10/16
88739 N.Barbari 10:00am-11:45am TTH WH-112
and Online hours INET
06/06/16-07/27/16 Last day to add: 06/10/16
SECT 88739: Hybrid class; see pages 90-91 for more info.
88747 J.Glass 11:00am-2:30pm TTH CAA-211
06/07/16-07/26/16 Last day to add: 06/10/16
88748 C.Lamb 7:00pm-10:30pm MW SS-108
06/06/16-07/27/16 Last day to add: 06/10/16
(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, learning, memory, emotion, psychological disorders, language, and consciousness. (C-ID PSY 150)
Materials Fee: $0.00
Transfer: CSU; UC
Grading: Letter grade only

(section is online)

Radiologic Technology (RADTEC)

RADTEC-50 Radiographic Clinical Education III 6.00 UNITS
Limitation on Enrollment: Acceptance into the Chaffey College Radiologic Technology program and successful completion of the first two semesters is required.
Continued clinical practice experiences designed for sequential development, application, critical analysis, integration, synthesis and evaluation of concepts and theories in the performance of radiologic procedures. Emphasis on patient care and assessment, competent performance of radiologic imaging procedures, appropriate sequencing, and total quality management.
Materials Fee: $25.00
Transfer: CSU
Grading: Letter grade only

89010 STAFF 8:00am-4:30pm MTWF CLIN
05/26/16-07/25/16 Last day to add: 05/31/16

RADTEC-55 Radiographic Equipment and Clinical Application 2.00 UNITS
Limitation on Enrollment: Acceptance into the Radiologic Technology program with successful completion of the first two semesters.
Course establishes a knowledge base in conventional and digital fluoroscopic equipment requirements, design, and operation. Radiation health and safety requirements of federal and state regulatory agencies, accreditation agencies, and health care organizations. Radiation protection practices specific to fluoroscopy studies consistent with ALARA principles. Class demonstrations/labs provide opportunity for application and reinforcement of theory.
Materials Fee: $25.00
Transfer: CSU
Grading: Letter grade only

89008 T.Ortiz 8:00am-12:00pm TH RSAM-01
05/26/16-07/25/16 Last day to add: 06/01/16

RADTEC-81 Radiographic Clinical Education VI 5.00 UNITS
Limitation on Enrollment: Acceptance into the Chaffey College Radiologic Technology program and successful completion of the first five semesters.
Prerequisite: RADTEC-70.
Final course in the series of guided practicums applying radiologic technology to patients in a hospital environment. Advanced clinical practice experiences designed to provide patient assessment and care, competent performance of radiologic imaging, and assure total quality management. Students perform independently with appropriate supervision to assess their skills for employability.
Materials Fee: $25.00
Transfer: CSU
Grading: Letter grade only

89011 STAFF 8:00am-4:30pm MTTHF CLIN
05/20/16-07/15/16 Last day to add: 05/29/16

RADTEC-85 Radiographic Review and Exam Preparation 2.00 UNITS
Limitation on Enrollment: Successful completion of the fifth semester of the Radiologic Technology program.
Review of the entire radiologic technology curriculum, following the ARRT examination outline, to prepare the student for the written certifying examinations at the state and national levels.
Materials Fee: $3.00
Transfer: CSU
Grading: Letter grade only

89009 M.Soto 8:00am-12:30pm W RSAM-01
05/25/16-07/13/16 Last day to add: 05/31/16

Reading
(See English) 909/652-7606

Additional sections of some classes may be available; check the Fontana, Rancho, and Hybrid/Online sections.
Social Science (SCSCI)

(Spanish course that best meets your needs and current skill level)

Spanish (SPAN)

For help choosing the Spanish course that best meets your needs and current skill level, go to www.chaffey.edu/language_arts/spanish

Sociology (SOC)

SOC-10 Introduction to Sociology  3.00 UNITS
Prerequisite: Eligibility for ENGL-1A as determined by the Chaffey assessment process, or completion of ENGL-475 or ESL-475.
Examination and analysis of social structure, group membership and dynamics, socialization and the self, social stratification, culture and diversity, social change and globalization.
Materials Fee: $0.00  Transfer: CSU; UC
Grading: Letter grade only

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

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

SPAN-2 Elementary Spanish II  4.00 UNITS
Continuing language acquisition in a cultural context through listening, speaking, reading, and writing at the second semester level. Students continue to interact with authentic language in cultural context. Course corresponds to the second year of high school Spanish, and is not recommended for heritage (native) speakers of Spanish. Ten hours of supplemental learning in a Success Center that supports this course is required. (C-ID SPAN 110)
Materials Fee: $4.00  Transfer: CSU; UC
Grading: Letter grade only

Statistics (STAT)

(See Online Section)  909/652-6253

RANCHO CUCAMONGA
## Theatre Arts (THEATRE)

<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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**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

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

| 88472 S.Biggs | 12:00pm-1:45pm | MTWTH | CAE-101 |
| 06/06/16-07/27/16 | Last day to add: 06/10/16 | | |

| 88473 S.Biggs | 10:00am-11:45am | MTWTH | TA-10 |
| 06/06/16-07/27/16 | Last day to add: 06/10/16 | | |

**THEATRE-10**  
Beginning Acting  
3.00 UNITS

Theory of acting and acting techniques with an introduction to Stanislavski’s method of acting. Provides a foundation in acting through a study of improvisation, vocal techniques, historical concepts, and theory through scene and monologue work. Emphasis on character development through the use of voice, movement and script analysis. (C-ID THTR 151)

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

| 88473 S.Biggs | 10:00am-11:45am | MTWTH | TA-10 |
| 06/06/16-07/27/16 | Last day to add: 06/10/16 | | |

## UNIT LIMIT

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

Per California Community College state regulatory changes.  
See [www.chaffey.edu/student-success](http://www.chaffey.edu/student-success) for more info.

## 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.

## GoSmart Program

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

Visit our website at [www.chaffey.edu](http://www.chaffey.edu) for application and registration information.