CHINO CAMPUS
CLOSED SEPTEMBER 7, NOVEMBER 11, AND NOVEMBER 26-29

Main Instructional Building (CHMB)
5897 College Park Avenue (Edison and Oaks Avenue), Chino, CA 91710
909/652-8000

ADMISSIONS/CASHIER/PHOTO ID:
Monday & Thursday 7:30am-7pm
Tuesday & Wednesday 7:30am-4:00pm
Friday 7:30am-2pm
Holiday Hours Monday, Tuesday & Wednesday
(12/21, 12/22 & 12/23)
Extended Hours
Tuesday & Wednesday (08/18 & 08/19) 7:30am-7pm
Friday (08/21) 7:30am-4pm

ASSESSMENT CENTER:
Room CHMB-121D
Tuesday 7:30am and 4:30pm
Thursday 9am-7pm
Appointments required. Call 909/652-8120 or 8002 or go to www.chaffey.edu/counseling/assessment to schedule.

BOOKSTORE:
Room CHMB-149 - 909/652-8170
Books sold only for classes held at Chino Campus locations and Ontario High School. See the Bookstore webpage (books.chaffey.edu) for current hours of operation, and for information about textbook rentals, reservations, ISBN's, book prices and Chaffey merchandise.

COUNSELING:
Academic counselors are seen by appointment; some walk-in times may be available. Call 909/652-8120 for availability.

DISABILITY PROGRAMS & SERVICES (DPS):
Services available at the Rancho Cucamonga campus. Call 909/652-6379 or 6380 to schedule an appointment.

EXTENDED OPPORTUNITY PROGRAMS & SERVICES (EOPS):
Wednesday: 8am-4:30pm
Appointments suggested: Call 909/652-6349 to schedule.

FINANCIAL AID:
Monday, Tuesday & Wednesday 7:30am-4pm
Thursday 10am-7pm
Friday 7:30am-2pm
Holiday Hours Monday, Tuesday & Wednesday
(12/21, 12/22 & 12/23)
Extended Hours
Tuesday (08/18) 7:30am-7pm
Friday (08/21) 7:30am-4pm
Appointments available: Call 909/652-8140 to schedule.

GUIDING PANTHERS TO SUCCESS (GPS) CENTER:
Room CHMB-240 – 909/652-8120
Walk-in services available Monday-Thursday. Call Counseling for hours.

LIBRARY:
Room CHMB-144 - 909/652-8115
Monday & Thursday: 8am-4pm
Tuesday & Wednesday 8am-8pm
Friday 10am-2pm
Saturday, Sunday, Holidays: Closed
Check the library website at www.chaffey.edu/library/chino or call for current information.

MULTIDISCIPLINARY SUCCESS CENTER:
Tom Vitzelio, Instructional Specialist
Room CHMB-145 - 909/652-8150
Monday - Thursday: 8am-8pm
Friday: 10am-4pm

STUDENT HEALTH SERVICES:
Room CHMB-105 - 909/652-8190
Monday-Wednesday 8am-1pm
Hours vary for Doctor and RN appointments and psychological counseling. Call for appointments.

TRANSFER CENTER:
GPS Center, Room CHMB-240
Tuesday: 8am-12:30pm

VETERANS SERVICES:
Wednesday: 9am-12pm
Appointments required: Call 909/652-8001 to schedule.

*Please note that service tickets will be issued until 15 minutes before closing.
Credit Classes Also Taught At:

Health Science (CHHC)
5897 College Park Avenue
Chino, CA 91710
Vocational Nursing labs
Biological and Anthropology Science labs

Community Building (CHCM)
5890 College Park Avenue
Chino, CA 91710
Fashion Design and Merchandising
Interior Design
Hospitality Management
Banquet Facility (joint use with the City of Chino)

Information Tech Center (CHTC)
13170 Seventh Street
Chino, CA 91710
CISCO Internetworking
Industrial Electrical Technology

Also Available At The Chino Information Tech Center

Economic Development
Workforce Training Institute
909/652-7642

Employment Development and Community Education
CalWORKs Information and Appointments
909/652-7653

HOURS:
Monday-Thursday
7:00am-5:30pm
<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><strong>Administration of Justice (AJ)</strong></td>
<td>909/652-6253</td>
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<tr>
<td>AJ-1</td>
<td>Introduction to the Criminal Justice System</td>
<td>3.00 UNITS</td>
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<tr>
<td>Materials Fee: $0.00</td>
<td>Transfer: CSU; UC</td>
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<td>Grading: Letter grade only</td>
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<tr>
<td>84262 R.Price</td>
<td>11:00am-2:30pm TTH</td>
<td>CHMB-161</td>
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<tr>
<td>08/18/15-10/06/15</td>
<td>Last day to add: 08/24/15</td>
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<tr>
<td>SECT 84262: Fast Track class; see pages 178-184 for more info.</td>
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<tr>
<td>AJ-2</td>
<td>Concepts of Criminal Law</td>
<td>3.00 UNITS</td>
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<tr>
<td>Prerequisite: AJ-1.</td>
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<tr>
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<td>SECT 84322: Fast Track class; see pages 178-184 for more info.</td>
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| **Accounting (ACCTG)** |
| ACCTG-1A | Financial Accounting | 4.00 UNITS |
| Advisory: Completion of CIS-1 or BUSOT-63. |
| Development and communication of financial information that is useful to investors, creditors, and other decision-makers. Includes the accounting environment, accounting cycle, generally accepted accounting principles, ethics, financial statements, operating, investing, and financing activities. (C-ID ACCT 110) |
| Materials Fee: $0.00 | Transfer: CSU; UC |
| Grading: Letter grade only |
| 85722 STAFF | 6:00pm-9:50pm T | CHMB-247 |

| **Accounting and Financial Services (ACCTGFS)** |
| ACCTGFS-453 | U.S. and California Income Tax Preparation | 4.00 UNITS |
| This course is certified by the California Tax Education Council as fulfilling the 60-hour qualifying education requirement imposed by the State of California for becoming a Registered Tax Preparer. |
| Materials Fee: $0.00 | Transfer: CSU; UC |
| Grading: Letter grade only |
| 85775 STAFF | 6:00pm-9:50pm TH | CHMB-242 |

| **Acting** (See Theatre Arts) |

**American Sign Language (ASL)** |
(Also see 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 |
| 84219 S.Larson | 10:00am-11:50am MW | CHMB-243 |

**CHINO CLASS LOCATIONS**

<table>
<thead>
<tr>
<th>Location</th>
<th>Address</th>
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<tbody>
<tr>
<td>CHCM</td>
<td>Chino Community Center</td>
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<tr>
<td>CHHC</td>
<td>Health Science Building</td>
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<tr>
<td>CHMB</td>
<td>Main Instructional Building</td>
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<tr>
<td>CHTC</td>
<td>Information Technology Center</td>
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</tbody>
</table>

Additional sections of some classes may be available; check the Fontana, Ontario High School, Rancho, and Hybrid/Online sections.
Anthropology (ANTHRO)

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

84348 J.Wesp 9:30am-10:50am TTH CHMB-262
84430 J.Wesp 11:00am-12:20pm TTH CHMB-262
84353 STAFF 7:00pm-9:50pm T CHMB-161

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

84424 J.Wesp 2:00pm-4:50pm T CHHC-202
84430 D.Jacobsen 7:00pm-9:50pm TH CHHC-202

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

84524 J.Norvell 8:00am-9:20am TTH CHMB-262
84529 J.Banh 3:30pm-5:00pm TTH CHMB-262

Astronomy (ASTRON)

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 Transfer: CSU; UC
Grading: Letter grade only

84614 R.Khan 7:00pm-9:50pm TTH CHMB-246

Biology (BIOL)

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

84615 S.Cotton 8:00am-9:20am MW CHMB-161
and 9:30am-12:20pm W CHMB-210
84616 S.Cotton 8:00am-9:20am MW CHMB-161
and 9:30am-12:20pm W CHMB-210
84652 T.Johnsen 8:00am-9:20am MW CHMB-201
and 9:30am-12:20pm M CHMB-202
84653 T.Johnsen 8:00am-9:20am MW CHMB-201
and 9:30am-12:20pm W CHMB-210
84650 S.Cotton 8:00am-9:20am TTH CHMB-201
and 9:30am-12:20pm TH CHHC-202
84651 S.Cotton 8:00am-9:20am TTH CHMB-201
and 9:30am-12:20pm TH CHHC-202
84664 P.Mulchandani 2:00pm-3:20pm MW CHMB-201
and 4:00pm-6:50pm W CHHC-202
84665 P.Mulchandani 2:00pm-3:20pm MW CHMB-201
and 4:00pm-6:50pm W CHHC-202

Architecture
(See Drafting)

Art History (ARTH)

ARTH-5 Survey of Western Art from Renaissance To Contemporary 3.00 UNITS
Advisory: Completion of ENGL-1A.
Survey of the architecture, sculpture, and art of past cultures of the Western World from the Renaissance through the Modern period. (C-ID ARTH 120)
Materials Fee: $1.00 Transfer: CSU; UC
Grading: Letter grade only

84523 T.McDermott 9:30am-10:50am TTH CHMB-263

Student Health Services
First Aid • Doctor’s Visits • Counseling
Immunizations • Lab Tests
Call (909) 652-8190 for same day appointments
<table>
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<tr>
<th>SECTION #</th>
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<tr>
<td>BIOL-22</td>
<td>D. Salcedo</td>
<td>4.00</td>
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<td>CHHC-105</td>
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<td>BIOL-23</td>
<td>N. Shea</td>
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<td>BIOL-23L</td>
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<td>BIOL-30</td>
<td>M. Lee</td>
<td>3.00</td>
<td>MW</td>
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<td>BIOL-424</td>
<td>S. Iwanicki</td>
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**Business (BUS)**

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<tr>
<td>BUS-10</td>
<td>J. Darby</td>
<td>3.00</td>
<td>TH</td>
<td>CHMB-263</td>
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<tr>
<td>BUS-28A</td>
<td>C. Cheng</td>
<td>3.00</td>
<td>TH</td>
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**Business: Management (BUSMGT)**

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<tr>
<td>BUSMGT-14</td>
<td>D. Dokter</td>
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<td>BUSMGT-430</td>
<td>G. Bozar</td>
<td>3.00</td>
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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 sections of some classes may be available; check the Fontana, Ontario High School, Rancho, and Hybrid/Online sections.
## 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  
Grading: Letter grade only  
86199 T.Williamson  9:30am-10:50am  MW  CHMB-242  
86223 T.Williamson  3:00pm-6:30pm  MW  CHMB-242  
08/17-10/06/15  Last day to add: 08/24/15  
SECT 86223: Fast Track class; see pages 178-184 for more info.

### BUSOT-40B  Computer Keyboarding: Speed and Accuracy Development  3.00 UNITS
Advisory: Completion of BUSOT-40A.  
Develop computer literacy. Analyze, evaluate, and improve keyboarding speed and accuracy using correct keying technique and specific prescriptive drills and practice. Proficiency certificate may be earned.
Materials Fee: $3.00  
Grading: Letter grade only  
86226 T.Williamson  3:00pm-6:30pm  MW  CHMB-242  
10/19-12/10/15  Last day to add: 10/27/15  
SECT 86226: Fast Track class; see pages 178-184 for more info.

### BUSOT-452  Office Financial Recordkeeping  3.00 UNITS
Recordkeeping procedures to broaden skills of the office professional in handling financial records relevant to small business operations. Includes mastery of the 10-key display calculator features.
Materials Fee: $3.00  
Grading: Letter grade only  
86246 R.Willis  7:00pm-9:50pm  T  CHMB-242

## Chemistry (CHEM)

### CHEM-7  Chemistry in Everyday Life With Lab  4.00 UNITS
Advisory: Completion of MATH-520, or eligibility for MATH-410 as determined by the Chaffey assessment process, or completion of MATH-410, or one year of high school algebra.  
Introduction to scientific measurements, the scientific method, and the application of chemical principles to everyday life. Course includes laboratory activities.
Materials Fee: $1.00  
Grading: Letter grade only  
84702 A.Mayo  12:30pm-1:50pm  TTH  CHMB-246  
84703 A.Mayo  12:30pm-1:50pm  T  CHMB-209  
84704 A.Mayo  2:00pm-4:50pm  T  CHMB-209

## Child Development and Education (CDE)

### CDE-1  Principles & Practices in Early Childhood Education  3.00 UNITS
Advisory: Proof of a negative tuberculosis test within the past 12 months may be required for some site visits.  
Practices applied to programs and environments emphasizing the key role of relationships, constructive adult-child interactions, and teaching strategies in supporting physical, social creative, and intellectual development for all children.  
(C-ID ECE 120)
Materials Fee: $0.00  
Grading: Letter grade only  
84547 B.Speak  8:00am-9:20am  TTH  CHCM-201

### 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 to adolescence.  
(C-ID CDEV 100)
Materials Fee: $0.00  
Grading: Letter grade only  
84554 STAFF  7:00pm-9:50pm  W  CHMB-246

## PREFERRED ENROLLMENT

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

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

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

If you are taking a chemistry lab course, you MUST attend the first class meeting or you will be dropped! All chemistry lab students must purchase a lab manual, splash-proof safety goggles, and a protective apron (available at campus bookstores), and bring them to the first class meeting!
### Communication Studies (COMSTD)  
**909/652-6902**

**COMSTD-2**  **Fundamentals of Effective Speaking**  **3.00 UNITS**  
Advisory: Eligibility for ENGL-1A as determined by the Chaffey assessment process, or completion of ENGL-475 or ESL-475. Emphasis on preparing and delivering various types of speeches before an audience. Communication theory and speech criticism are included for student application. Oral assignments are required. (C-ID COMM 110)  
Materials Fee: $4.00  
Grading: Letter grade only  
83952 L. Pratt  8:00am-9:20am  MW  CHMB-241  
83955 L. Pratt  8:00am-9:20am  TTH  CHMB-241  
84003 S. Bradshaw  7:00pm-9:50pm  M  CHMB-241

**COMSTD-6**  **Fundamentals of Small Group Communication**  **3.00 UNITS**  
Advisory: Eligibility for ENGL-1A as determined by the Chaffey assessment process, or completion of ENGL-475 or ESL-475. Develop confidence and competence as a group member and leader through a combination of theoretical and practical application of small group principles in everyday life. (C-ID COMM 140)  
Materials Fee: $4.00  
Grading: Letter grade only  
83954 L. Pratt  11:00am-12:20pm  MW  CHMB-241

**COMSTD-8**  **Fundamentals of Speech Communication**  **3.00 UNITS**  
Prerequisite: Eligibility for ENGL-1A as determined by the Chaffey assessment process, or satisfactory completion of ENGL-475 or ESL-475. Fundamentals of human communication as they operate in a variety of contexts: interpersonal, small group, and public speaking. (C-ID COMM 180)  
Materials Fee: $4.00  
Grading: Letter grade only  
83953 L. Pratt  9:30am-10:50am  MW  CHMB-241  
84049 L. Mayuga  12:00pm-2:50pm  F  CHMB-241  
84004 S. Bradshaw  7:00pm-9:50pm  W  CHMB-241

**COMSTD-74**  **Intercultural Communication**  **3.00 UNITS**  
Advisory: Eligibility for ENGL-1A as determined by the Chaffey assessment process, or completion of ENGL-475 or ESL-475. Identification and analysis of processes and problems of communication between people of different cultures. Effects of differences in attitudes, social organization, role expectations, language and nonverbal behavior. (C-ID COMM 150)  
Materials Fee: $4.00  
Grading: Letter grade only  
83956 L. Pratt  9:30am-10:50am  TTH  CHMB-241

**COMSTD-76**  **Gender & Communication**  **3.00 UNITS**  
Advisory: Completion of COMSTD-8, and eligibility for ENGL-1A as determined by the Chaffey assessment process or completion of ENGL-475 or ESL-475. Examination of communication patterns existing between males and females. Communication problems relating to gender are addressed, along with listening, assertiveness, negotiation, and other conflict strategies.  
Materials Fee: $4.00  
Grading: Letter grade only  
84048 L. Mayuga  9:00am-11:50am  F  CHMB-241

**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.

Visit our website at www.chaffey.edu for application and registration information.
Computer Information Systems: Core (CIS)

909/652-6630

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

CIS-1 Introduction to Computer Information Systems 3.00 UNITS
Principles and applications of computers including their role in business and society. Provides competency for Computer Information Systems majors and non-majors. (C-10 ITIS 120 and BUS 140)
Materials Fee: $0.00 Transfer: CSU; UC credit limitations
Grading: Letter grade only

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<tbody>
<tr>
<td>86292</td>
<td>J.Blyzka</td>
<td>8:00am-9:20am</td>
<td>MW</td>
<td>CHMB-242</td>
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<tr>
<td>86294</td>
<td>J.Blyzka</td>
<td>9:30am-10:50am</td>
<td>TTH</td>
<td>CHMB-242</td>
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<tr>
<td>86295</td>
<td>J.Blyzka</td>
<td>11:00am-12:20pm</td>
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<td>CHMB-242</td>
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<td>86291</td>
<td>R.Hrdlicka</td>
<td>7:00pm-9:50pm</td>
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CIS: Cisco Internetworking (CISCO)

909/652-7660

CISCO-1 Cisco Internetworking I 4.00 UNITS
Advisory: Completion of CIS-1 or equivalent experience.
First in a four-course sequence that qualifies students to take the Cisco Certified Entry Networking Technician (CCENT) and the more advanced Cisco Certified Network Associate (CCNA) examinations.
Materials Fee: $3.00 Transfer: CSU
Grading: Letter grade only

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<th>ROOM</th>
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</thead>
<tbody>
<tr>
<td>86312</td>
<td>J.Kerr</td>
<td>6:00pm-9:50pm</td>
<td>T</td>
<td>CHTC-212</td>
</tr>
<tr>
<td></td>
<td></td>
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</tr>
<tr>
<td>08/18/15-10/06/15</td>
<td>Last day to add: 08/24/15</td>
<td>SECT 86312: Hybrid class: see page 160 for more info.</td>
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<tr>
<td>86313</td>
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</tr>
<tr>
<td>08/20/15-10/08/15</td>
<td>Last day to add: 08/26/15</td>
<td>SECT 86313: Hybrid class: see page 160 for more info.</td>
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</tr>
</tbody>
</table>

CISCO-2 Cisco Internetworking II 4.00 UNITS
Advisory: Completion of CISCO-1 or equivalent experience.
Second in a four-course sequence that qualifies students to take the Cisco CCENT and CCNA examinations.
Materials Fee: $3.00 Transfer: CSU
Grading: Letter grade only

<table>
<thead>
<tr>
<th>SECTION #</th>
<th>INSTRUCTOR</th>
<th>HOURS</th>
<th>DAYS</th>
<th>ROOM</th>
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</thead>
<tbody>
<tr>
<td>86314</td>
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<tr>
<td>10/20/15-12/08/15</td>
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<tr>
<td>86324</td>
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<tr>
<td>10/22/15-12/17/15</td>
<td>Last day to add: 10/28/15</td>
<td>SECT 86324: Hybrid class: see page 160 for more info.</td>
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</table>

CISCO-3 Cisco Internetworking II 4.00 UNITS
Advisory: Completion of CISCO-1 or equivalent experience.
This course is an introduction to the Linux operating system. Topics include the command line interface, shell scripting, and working with the package manager.
Materials Fee: $3.00 Transfer: CSU
Grading: Letter grade only

<table>
<thead>
<tr>
<th>SECTION #</th>
<th>INSTRUCTOR</th>
<th>HOURS</th>
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<td>INET</td>
</tr>
<tr>
<td>10/22/15-12/17/15</td>
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<td>SECT 86324: Hybrid class: see page 160 for more info.</td>
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</tbody>
</table>

CISCO-4 Cisco Internetworking IV 4.00 UNITS
Advisory: Completion of CISCO-1 or equivalent experience.
This course is an introduction to the Microsoft Windows operating system. Topics include the command line interface, shell scripting, and working with the package manager.
Materials Fee: $3.00 Transfer: CSU
Grading: Letter grade only

<table>
<thead>
<tr>
<th>SECTION #</th>
<th>INSTRUCTOR</th>
<th>HOURS</th>
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<td>86316</td>
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<tr>
<td>10/20/15-12/08/15</td>
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<td>SECT 86316: Hybrid class: see page 160 for more info.</td>
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<tr>
<td>10/22/15-12/17/15</td>
<td>Last day to add: 10/28/15</td>
<td>SECT 86324: Hybrid class: see page 160 for more info.</td>
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</table>

CISCO-5 Cisco Internetworking V 4.00 UNITS
Advisory: Completion of CISCO-4 or current CCNA certification or equivalent experience.
CCNP ROUTE, Implementing Cisco IP Routing. Topics include overview of converged and scalable routed internetworks. Advanced routing principles and protocols, EIGRP, OSPF in multiple areas, IS-IS, and BGP for enterprise ISP connectivity. Route optimization and routing features, manipulating routing updates; redistribution, filtering, and multicasting. Advanced IP address management: IPv4 and IPv6. Qualifies students to take the Cisco Level 5 examination, including the new CCNP Route Exam (642-902).
Materials Fee: $3.00
Grading: Letter grade with option for Pass/No Pass grade

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<tr>
<th>SECTION #</th>
<th>INSTRUCTOR</th>
<th>HOURS</th>
<th>DAYS</th>
<th>ROOM</th>
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<tr>
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<tr>
<td>08/19/15-10/07/15</td>
<td>Last day to add: 08/25/15</td>
<td>SECT 86325: Hybrid class: see page 160 for more info.</td>
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</table>

CISCO-6 Cisco Internetworking VI 4.00 UNITS
Advisory: Completion of CISCO-4 or current CCNA certification or equivalent experience.
CCNP SWITCH, Implementing Cisco Switched Networks. Topics include use of routing and switching technologies together, virtual LANs (VLANs), inter-VLAN routing, virtual transport protocol (VTP), spanning tree protocol (STP), and redundancy technologies such as HSRP and VRRP. Access control and security issues, port security, root guard, mac flooding, rogue devices, and spoofing. Implement support for wireless and voice over IP (VoIP). Qualifies students to take the Cisco Level 7 examination, including the new CCNP Switch Exam (642-813).
Materials Fee: $3.00
Grading: Letter grade with option for Pass/No Pass grade

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<th>SECTION #</th>
<th>INSTRUCTOR</th>
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<th>DAYS</th>
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<td>CHTC-212</td>
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<td>SECT 86326: Hybrid class: see page 160 for more info.</td>
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</table>

Correctional Science (CRSCI)

909/652-6253

CRSCI-1 Introduction to Correctional Science 3.00 UNITS
Philosophical and practical overview of the history, evolution and current practices of the field of corrections. Exploration of the diverse career opportunities available at the city, county, state, and federal levels. (C-ID AJ 200)
Materials Fee: $3.00
Grading: Letter grade only

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<tr>
<th>SECTION #</th>
<th>INSTRUCTOR</th>
<th>HOURS</th>
<th>DAYS</th>
<th>ROOM</th>
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<tr>
<td>85028</td>
<td>J.Estrada</td>
<td>12:30pm-1:50pm</td>
<td>TTH</td>
<td>CHCM-201</td>
</tr>
</tbody>
</table>

CRSCI-2 Public Relations and Corrections 3.00 UNITS
Aspects of public relations and methods of communicating with the public concerning correctional concepts and goals. Relations with law enforcement, government organizations, and prison-prevention groups.
Materials Fee: $3.00
Grading: Letter grade only

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<tr>
<th>SECTION #</th>
<th>INSTRUCTOR</th>
<th>HOURS</th>
<th>DAYS</th>
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<tr>
<td>85036</td>
<td>A.Rosales</td>
<td>3:00pm-6:30pm</td>
<td>TTH</td>
<td>CHMB-263</td>
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</tr>
<tr>
<td>08/18/15-10/06/15</td>
<td>Last day to add: 08/24/15</td>
<td>SECT 85036: Fast Track class; see pages 178-184 for more info.</td>
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</tr>
</tbody>
</table>
Earth Science (ESC)  909/652-6403

ESC-5 Oceanography  3.00 UNITS
Study of the marine environment including seawater properties, ocean currents and marine biology. Materials Fee: $2.00  Transfer: CSU; UC
Grading: Letter grade only
84770 M.Obkamichael  2:00pm-3:20pm  TTH  CHMB-246

ESC-5L Oceanography Laboratory  1.00 UNITS
Corequisite: ESC-5 (may be taken previously). Hands-on activities to reinforce lecture concepts using scientific tools and methods to image, measure and observe phenomenon in oceanography. Materials Fee: $10.00  Transfer: CSU; UC
Grading: Letter grade only
84771 M.Obkamichael  3:30pm-6:20pm  T  CHMB-210

Economics (ECON)  909/652-6253

ECON-1 Introduction to Economics  3.00 UNITS
Overview of basic economic theories and models. Contemporary economic issues including unemployment, growth, globalization, wealth and income distribution, the environment, regulation, deregulation, inflation, interest rates, price discrimination, corporations and labor unions. Materials Fee: $0.00  Transfer: CSU; UC credit limitations
Grading: Letter grade only
85055 STAFF  7:00pm-9:50pm  T  CHMB-262

ECON-2 Principles of Macroeconomics  3.00 UNITS
Prerequisite: Eligibility for MATH-425 as determined by the Chaffey assessment process, or completion of MATH-410. Advisory: Completion of MATH-425. Study of market systems, aggregate measures of economic activity, macroeconomic equilibrium, money and financial institutions, monetary and fiscal policy, international economics, and economic growth. (C-ID ECON 202)
Materials Fee: $0.00  Transfer: CSU; UC
Grading: Letter grade only
85072 R.Brown  11:00am-2:30pm  MW  CHMB-262
08/17/15-10/07/15 Last day to add: 08/24/15
SECT 85072: Fast Track class; see pages 178-184 for more info.

ECON-4 Principles of Microeconomics  3.00 UNITS
Prerequisite: Eligibility for MATH-425 as determined by the Chaffey assessment process, or completion of MATH-410. Advisory: Completion of MATH-425. Study of the choices of individual economic decision-makers on markets, taxation, production, scarcity, competition, monopoly, and regulation. Effects of taxes on individuals and businesses; income distribution and poverty; economics of race, gender, and culture; and market failure. (C-ID ECON 201)
Materials Fee: $0.00  Transfer: CSU; UC
Grading: Letter grade only
85112 R.Brown  11:00am-2:30pm  MW  CHMB-262
10/19/15-12/09/15 Last day to add: 10/22/15
SECT 85112: Fast Track class; see pages 178-184 for more info.

Electricity
(See Industrial Electrical Technology)

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

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

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

English (ENGL)  909/652-6902

ENGL-1A Composition  3.00 UNITS
Prerequisite: Eligibility for ENGL-1A as determined by the Chaffey assessment process, or successful completion of ENGL-450, ENGL-475, ESL-450, ESL-475, or READ-550. Study and practice of expository and argumentative writing techniques. Frequent writing of compositions, with the ultimate goal of writing a research paper. A minimum of 6,000 written words is expected in the course. Three hours of supplemental learning in a Success Center that supports this course is required. (C-ID ENGL 100)
Materials Fee: $2.00  Transfer: CSU; UC
NOTE: All sections may have in-class computer writing assignments. Basic computer and keyboarding skills are recommended.
Grading: Letter grade only
84122 G.Emilio  7:15am-10:45am  MW  CHMB-260
08/17/15-10/07/15 Last day to add: 08/24/15
SECT 84122: Fast Track class; see pages 178-184 for more info.
84123 G.Emilio  7:15am-10:45am  MW  CHMB-260
10/19/15-12/09/15 Last day to add: 10/22/15
SECT 84123: Fast Track class; see pages 178-184 for more info.
83976 M.Utsler  8:00am-9:20am  TTH  CHMB-260
84142 H.Greenberg  9:00am-11:50am  F  CHMB-260
83977 M.Utsler  9:30am-10:50am  TTH  CHMB-260
84195 A.Romero  11:00am-2:30pm  MW  CHMB-260
08/17/15-10/07/15 Last day to add: 08/24/15
SECT 84195: Fast Track class; see pages 178-184 for more info.
84129 K.Friedman  2:00pm-3:20pm  TTH  CHMB-260
08/17/15-10/07/15 Last day to add: 08/24/15
SECT 84129: Fast Track class; see pages 178-184 for more info.
84099 STAFF  3:00pm-6:30pm  MW  CHMB-260
10/19/15-12/09/15 Last day to add: 10/22/15
SECT 84099: Fast Track class; see pages 178-184 for more info.
84130 K.Friedman  3:30pm-4:50pm  TTH  CHMB-260
84185 J.O’Grady  7:00pm-9:50pm  M  CHMB-260
84243 STAFF  7:00pm-9:50pm  TH  CHMB-260
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
Transfer: CSU; UC
Grading: Letter grade only

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) Prerequisite: ENGL-1A.

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

ENGLISH 1A  Composition
ENGLISH 475  Fundamentals of College Reading and Writing
ESL 475  Fundamentals of College Reading and Writing for ESL Students
ENGLISH 575  Introduction to College Reading and Writing
BUSOT 455  Fundamentals of English for Business

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

ENGL-475  Fundamentals of College Reading and Writing
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

ENGL-575  Introduction to College Reading and Writing
Prerequisite: Eligibility for ENGL-575 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
Fashion Design (FASHD)

FASHD-20 History of Fashion 3.00 UNITS
A survey of apparel styles from Egyptian to modern times. Analysis of costume as a result of social, political, and economic influences, and the interpretation of historic styles in today’s retail apparel.
Materials Fee: $3.00
Grading: Letter grade only
86647 C.Poteet 3:00pm-5:20pm MW CHCM-203
Materials Fee: $10.00  Transfer: CSU

FASHD-40 Beginning Clothing Construction 2.00 UNITS
Techniques for clothing construction using woven fabrics. Lecture/demonstration of basic sewing techniques, pattern and fabric selection utilizing industry methods. For beginners, and as a refresher course.
Materials Fee: $8.00
Grading: Letter grade only
86648 L.Lindenberger 12:30pm-5:10pm TTH CHCM-203
Materials Fee: $5.00  Transfer: CSU; UC

FASHD-42 Advanced Clothing Construction 2.00 UNITS
Prerequisite: FASHD-40.
Techniques of couture sewing, tailoring, and the handling of specialty fabrics.
Materials Fee: $8.00
Grading: Letter grade only
86649 K.Encinas 12:30pm-5:10pm TTH CHCM-203
Materials Fee: $10.00  Transfer: CSU; UC

FASHD-45 Design Fundamentals for Fashion and Interiors 3.00 UNITS
Identification and utilization of the elements and principles of design common to fashion and interior design. Emphasis on creative expression through utilization of good design.
Materials Fee: $10.00
Grading: Letter grade only
86650 W.Meng 7:00pm-9:50pm W CHCM-203

FASHD-60 Textiles 3.00 UNITS
Prerequisite: FASHD-40 (may be taken previously)
Development of patterns for apparel utilizing industry standards and full-scale blocks. Photos and illustrations are analyzed and translated to paper patterns, then sewn to test for fit and accuracy.
Materials Fee: $10.00
Grading: Letter grade only
86644 K.Encinas 9:30am-10:50am MW CHCM-203

FASHD-65 Fashion Illustration 2.00 UNITS
Introductory fashion sketching leading to more advanced fashion figure drawing and descriptive rendering for fashion designers, illustrators, and merchandisers.
Materials Fee: $5.00
Grading: Letter grade only
86656 L.Lindenberger 6:00pm-9:50pm TH CHCM-203

FASHD-72 Fashion Draping 2.00 UNITS
Prerequisite: FASHD-40.
Advisory: Completion of FASHD-61.
Three-dimensional draping in muslin and other textile and non-textile materials, and translation of the drape to a hard pattern.
Materials Fee: $10.00
Grading: Letter grade only
86646 K.Encinas 7:30am-12:10pm TTH CHCM-203
Materials Fee: $10.00  Transfer: CSU

Film

Geography (GEOG)

GEOG-10 Cultural Geography of North America 3.00 UNITS
Overview of migration, population, and cultural patterns in North America.
Materials Fee: $2.00
Grading: Letter grade only
84786 L.Schmidt 11:00am-12:20pm MW CHCM-201
Gerontology (GERO)

GERO-23 Aging and Older Adulthood 3.00 UNITS
Study of the aging process from a gerontological perspective. Theories of aging, stereotypes, changes in health, cognition, and social relationships. Materials Fee: $0.00  Transfer: CSU; UC credit limitations
NOTE: Earning 54 hours CE credit: RCFE, NHAP, BRN#004426, and BBS#2178.
Grading: Letter grade only
85627 J.Okonyan 7:00pm-9:50pm T TH CHMB-247

GERO-404 Health and Wellness for Older Adults 3.00 UNITS
Understanding healthy aging as well as chronic conditions of later life. Health behaviors and lifestyle factors that contribute to good health. Materials Fee: $1.00
NOTE: Earning 54 hours CE credit: RCFE, NHAP, BRN#004426, and BBS#2178.
Grading: Letter grade only
8566 J.McFadden 7:00pm-9:50pm M CHMB-202

GERO-422 Dementia Care 3.00 UNITS
The study of dementing illness from a gerontological perspective, including normal aging versus dementia, Alzheimer’s Disease and other dementias, and the assessment and treatment of dementing illnesses. Overview of medical and social models of care, the influence of environmental design, ethical issues, cultural differences that affect the experience of dementing illness and care, and the availability of community resources for those with dementia.
Materials Fee: $0.00
Grading: Letter grade only
85627 J.Okonyan 7:00pm-9:50pm T TH CHMB-247

GERO-463 Social Work Designee Training 3.00 UNITS
Responsibilities of the social work designee charged who meet the medically-related social and emotional needs of residents in long-term care facilities. Materials Fee: $5.00
NOTE: Earning 54 hours CE credit: RCFE, NHAP, BRN#004426, and BBS#2178.
Grading: Letter grade only
85627 J.Okonyan 7:00pm-9:50pm M CHMB-202

Guidance (GUID)

GUID-2 Essentials of Student Success 2.00 UNITS
Designed to increase student proficiency and retention in college. Topics include: learning styles, study and time management techniques, motivation, library research methods, critical thinking, memory and reading strategies, and others.
Materials Fee: $0.00  Transfer: CSU
Grading: Letter grade only
85627 J.Okonyan 7:00pm-9:50pm F CHMB-263
SECT 85627: Targeted to EOPS students.
85627 K.Sanchez 3:30pm-5:30pm T CHMB-245

GUIDANCE 650

This course provides tutoring assistance to students currently enrolled in another Chaffey College credit or non-credit course. Enrollment in GUID-650 may be accomplished during registration or at any time during the term in any Success Center. A current Chaffey student ID is required to access this service.

GUID-650 Supervised Tutoring 0.00 UNITS
Limitation on Enrollment: Referral by course instructor or academic counselor is required. Student must be enrolled in another Chaffey College course. Open-entry/open-exit supervised tutoring course that provides students assistance in understanding college course assignments. Individualized/group tutoring and Supplemental Instruction (SI) sessions are conducted outside of class time in a learning assistance center, and are structured to help students achieve specific course objectives or improve learning and study skills in specific subject matter. The content of this course varies according to the course for which tutoring is sought. May be repeated.
Non-credit course
Grading: Ungraded
83743 R.Rundquist Arranged hours Success Center
08/17/15-12/18/15 Last day to add: 12/10/15

History (HIST)

HIST-1 World History: Pre-Civilization to 1500 3.00 UNITS
Prerequisite: Eligibility for ENGL-1A as determined by the Chaffey assessment process, or satisfactory completion of ENGL-475 or ESL-475. Comparative study of the world’s major civilizations from pre-history to 1500 in Eurasia, Africa, and the Americas. Similarities and differences between the civilizations and their influences on human history. (C-ID HIST 150)
Materials Fee: $0.00  Transfer: CSU; UC
Grading: Letter grade only
85130 T.Greene 11:00am-2:30pm MW CHMB-263
08/17/15-10/07/15 Last day to add: 08/24/15
SECT 85130: Fast Track class; see pages 178-184 for more info.
85131 L.Reams 11:00am-12:20pm TH CHCM-201

HIST-2 World History: 1500 to Present 3.00 UNITS
Prerequisite: Eligibility for ENGL-1A as determined by the Chaffey assessment process, or satisfactory completion of ENGL-475 or ESL-475. Cross-cultural study of the world’s major civilizations since 1500. Understanding the causes of the Rise of the West, the reaction of the non-Western world, and the ongoing dynamic of the “West versus the Rest” dialectic. (C-ID HIST 160)
Materials Fee: $0.00  Transfer: CSU; UC
Grading: Letter grade only
85224 T.Greene 11:00am-2:30pm MW CHMB-263
10/19/15-12/09/15 Last day to add: 10/22/15
SECT 85224: Fast Track class; see pages 178-184 for more info.
85225 D.Okonyan 2:00pm-3:20pm T CHMB-245

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.
HIST-5  Early Western Civilizations  3.00 UNITS
Development of the cultural foundations of Western peoples from prehistoric times, through the era of Middle Eastern dominance, the Middle Ages, and the Renaissance period in Western Europe. (C-ID HIST 170)
Materials Fee: $0.00  Transfer: CSU; UC
Grading: Letter grade only
85250 L.Reams  7:15am-10:45am  TTH  CHMB-160
08/18/15-10/06/15  Last day to add: 08/24/15
SECT 85250: Fast Track class; see pages 178-184 for more info.

HIST-6  Modern Western Civilizations  3.00 UNITS
Western Civilization: The modern world from the 1500’s to the present.
(C-ID HIST 180)
Materials Fee: $0.00  Transfer: CSU; UC
Grading: Letter grade only
85277 L.Reams  7:15am-10:45am  TTH  CHMB-160
10/20/15-12/15/15  Last day to add: 10/22/15
SECT 85277: Fast Track class; see pages 178-184 for more info.

HIST-17  United States History Through 1877  3.00 UNITS
Prerequisite: Eligibility for ENGL-1A as determined by the Chaffey assessment process, or satisfactory completion of ENGL-475 or ESL-475.
Survey of United States history from its colonial foundations through Reconstruction. Satisfies the CSU requirement in American history.
(C-ID HIST 130)
Materials Fee: $0.00  Transfer: CSU; UC
Grading: Letter grade only
85160 T.Greene  9:30am-10:50am  TTH  CHMB-161
85159 J.Macias  11:00am-1:00pm  TTH  CHMB-263
08/18/15-10/06/15  Last day to add: 08/24/15
SECT 85159: Fast Track class; see pages 178-184 for more info.

HIST-18  United States History From 1865  3.00 UNITS
Prerequisite: Eligibility for ENGL-1A as determined by the Chaffey assessment process, or satisfactory completion of ENGL-475 or ESL-475.
Development of the United States from the Reconstruction Era through the present. Satisfies the CSU requirement in American history.
(C-ID HIST 140)
Materials Fee: $0.00  Transfer: CSU; UC
Grading: Letter grade only
85194 J.Tidwell  9:30am-10:50am  MW  CHMB-263
85193 J.Macias  11:00am-1:00pm  TTH  CHMB-263
10/20/15-12/15/15  Last day to add: 10/22/15
SECT 85193: Fast Track class; see pages 178-184 for more info.

HIST-20  History of the United States from 1945 to the Present  3.00 UNITS
Advisory: Eligibility for ENGL-1A as determined by the Chaffey assessment process, or completion of ENGL-475 or ESL-475.
An analysis of recent American history from 1945 to the present, focusing on events, movements and trends.
Materials Fee: $0.00  Transfer: CSU; UC
Grading: Letter grade only
85226 V.Nobile  8:00am-10:50am  F  CHMB-262

HOSPITALITY MANAGEMENT (HOTFS)  909/652-8010

HOTFS-10  Introduction to Hospitality Management  3.00 UNITS
An overview of the hospitality industry with an emphasis on career opportunities and customer services. Organization and management of various segments of the hospitality industry including restaurants, hotels, convention centers, amusement parks, and areas of leisure and travel.
Materials Fee: $3.00  Transfer: CSU
Grading: Letter grade only
84591 D.Bentum  2:00pm-3:20pm  MW  CHCM-201
85011 D.Bentum  7:00pm-9:50pm  T  CHCM-201

HOTFS-14  Quantity Food Production Management  3.00 UNITS
Advisory: Completion of HOTFS-17.
Management methods for quantity food production in institutional settings.
Prepares students for entry-level positions in institutional food service.
Materials Fee: $5.00  Transfer: CSU
Grading: Letter grade only
85040 D.Bentum  3:00pm-6:30pm  TTH  CHCM-201
10/20/15-12/15/15  Last day to add: 10/22/15
SECT 85040: Fast Track class; see pages 178-184 for more info.

HOTFS-17  Principles of Food Preparation Planning  3.00 UNITS
Limitation on Enrollment: Proof of a current negative tuberculosis test is required.
Prerequisite: HOTFS-18.
Principles and techniques in professional food preparation, including science and technology of the kitchen, food service safety and sanitation policies and procedures, recipe specifications, and kitchen equipment use and maintenance.
Materials Fee: $5.00  Transfer: CSU
Grading: Letter grade only
85042 STAFF  7:30am-12:20pm  T  CHCM-103

HOTFS-18  Sanitation, Safety, and Equipment  2.00 UNITS
Sanitation, safety, and equipment management issues in the food preparation and service industry. Topics include: sanitary food preparation, OSHA requirements, ServSafe and HACCP standards, and fire prevention.
Materials Fee: $3.00  Transfer: CSU
Grading: Letter grade only
86613 F.Agyin  7:00pm-8:50pm  M  CHMB-202

HOTFS-32  Hospitality Law  3.00 UNITS
Study of the legal aspects of hospitality law, both historically and as they exist today. Topics include torts and contracts, real and personal property rights, duties of innkeepers, food and beverage liability, and proper documentation.
Materials Fee: $3.00  Transfer: CSU
Grading: Letter grade only
84596 D.Bentum  3:30pm-4:50pm  MW  CHCM-201

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

**HOTFS-428 Human Resource Management 3.00 UNITS**
Advisory: Completion of HOTFS-10.
Management of human resources and techniques applicable to the hospitality industry. Topics include: recruitment, selection, hiring, coaching, employee development and motivation, benefits, performance management, counseling and discipline.
Materials Fee: $3.00
Grading: Letter grade only

85020 D.Bentum
3:00pm-6:30pm TTH CHCM-201
08/18/15-10/06/15 Last day to add: 08/24/15
SECT 85020: Fast Track class; see pages 178-184 for more info.

**HOTFS-437 Principles of Baking 2.00 UNITS**
Limitation on enrollment: Proof of a current negative tuberculosis test is required.
Prerequisite: HOTFS-18.
Instructs students in the preparation of breads, pastries, baked desserts, frozen confections and sugar work. Applies scientific principles and techniques of baking. Promotes the knowledge and skills required to prepare baked items, pastries and confections.
Materials Fee: $25.00 (Additional costs of $75-$150 for the purchase of uniforms and tools are associated with this class.)
Grading: Letter grade only

86597 STAFF
7:30am-11:20am TH CHCM-103

**IET-401A Introduction to Electricity 2.50 UNITS**
Advisory: Completion of MATH-510 or a higher level mathematics course.
Principles of basic electricity. Ohm’s Law, series and parallel circuits, conventional current theory, current flow, conductors and insulators, combination circuits, and power ratings.
Materials Fee: $0.00
Grading: Letter grade only

87848 STAFF
9:00am-12:30pm S CHTC-200

**IET-405 National Electric Code 3.00 UNITS**
Advisory: Completion of IET-403A, or two years or more of professional work experience in a related field.
Interpretation and application of the National Electric Code (NEC) with emphasis on wire size, conduit, motor load protection, classified areas, grounding, and the latest NEC updates.
Materials Fee: $0.00
Grading: Letter grade only

86459 E.Alves
8:00am-12:20pm MTWTH CHTC-200
08/17/15-09/02/15 Last day to add: 08/17/15

**IET-409 Static Devices 3.00 UNITS**
Advisory: Completion of IET-403B, or one year or more professional work experience in a related field.
Principles of basic electricity. Ohm’s Law, series and parallel circuits, conventional current theory, current flow, conductors and insulators, combination circuits, and power ratings.
Materials Fee: $0.00
Grading: Letter grade only

86464 E.Alves
8:00am-12:20pm MTWTH CHTC-200
09/03/15-09/23/15 Last day to add: 09/06/15

**IET-411 Programmable Logic Controllers 3.00 UNITS**
Advisory: Completion of IET-403B and 407, or two years or more of professional work experience that includes basic computer skills.
Ladder diagrams, common computer terms, and operation of the programmer. Verifying and programming of timers and counters.
Materials Fee: $0.00
Grading: Letter grade only

86487 W.O Neil
6:00pm-9:50pm MTWTH CHTC-300
08/17/15-09/08/15 Last day to add: 08/24/15

**HOTFS-436A Culinary Arts I 2.00 UNITS**
Limitation on enrollment: Proof of a current negative tuberculosis test required.
Prerequisite: HOTFS-17 and 18.
Introduction to the culinary arts, including a historical and contemporary exploration of cultural cuisines. Focus on knife skills, the cold kitchen, and sandwich preparation.
Materials Fee: $25.00 (Additional costs of $75-$150 for the purchase of uniforms and tools are associated with this class.)
Grading: Letter grade only

86597 STAFF
7:30am-11:20am TH CHCM-103

**IET-403A Introduction to Electricity 2.00 UNITS**
Advisory: Completion of MATH-510 or a higher level mathematics course.
Principles of basic electricity. Ohm’s Law, series and parallel circuits, conventional current theory, current flow, conductors and insulators, combination circuits, and power ratings.
Materials Fee: $0.00
Grading: Letter grade only

86597 STAFF
7:30am-11:20am TH CHCM-103

**HOTFS-436A Culinary Arts I 2.00 UNITS**
Limitation on enrollment: Proof of a current negative tuberculosis test required.
Prerequisite: HOTFS-17 and 18.
Introduction to the culinary arts, including a historical and contemporary exploration of cultural cuisines. Focus on knife skills, the cold kitchen, and sandwich preparation.
Materials Fee: $25.00 (Additional costs of $75-$150 for the purchase of uniforms and tools are associated with this class.)
Grading: Letter grade only

86597 STAFF
7:30am-11:20am TH CHCM-103

**HOTFS-438 Industry Internship: Hotel and Food Service Management 1.00 UNITS**
Limitation on Enrollment: Consent of instructor is required prior to registration.
Prerequisite: HOTFS-422 or 436A.
Supervised work experience in the operation of a hotel, motel, or food service operation. Includes front office, night audit, and marketing experience. First class meeting is held on campus; other weeks will be at off-campus sites. A minimum of 60 hours is required on the work site.
Materials Fee: $3.00
Grading: Letter grade only

86663 C.Miale
6:00pm-7:00pm M CHCM-203
08/17/15-12/18/15 Arranged hours work experience OTHR
Last day to add: 08/24/15

**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.

Fall 2015/Spring 2016 Schedule of Classes

Chaffey College
IET-413 Intermediate Programmable Logic Controllers 3.00 UNITS
Advisory: Completion of IET-411, or two years or more of professional work experience that includes basic knowledge of PLC’s.
Designing motor control systems, translating information from blueprint to ladder diagrams and employing it into the PLC program, and applying assignments into a hardwire system.
Materials Fee: $0.00
Grading: Letter grade only

IET-415 Advanced Electricity Laboratory 2.00 UNITS
Advisory: Completion of IET-405, 407, 409, and 411, or two years or more of professional work experience that includes knowledge of PLC’s and static devices.
Application and integration of concepts and skills covered in the prerequisite courses i.e. designing motor control systems and translating information into ladder diagrams.
Materials Fee: $0.00
Grading: Letter grade only

IET-417 Electrical Troubleshooting 3.00 UNITS
Advisory: Completion of IET-403A, 409, and 411, or two years or more of professional work experience that includes static devices.
Applying the knowledge learned on DC/AC motor controls and blueprint reading, and developing troubleshooting skills.
Materials Fee: $0.00
Grading: Letter grade only

IET-419 DC Variable Speed Drive 1.50 UNITS
Advisory: Completion of IET-403A and IET-403B, or two years or more of professional work experience in a related field.
Function and controls of a DC variable speed drive and its application on the field, including adjustments, settings, tuning, and configuration.
Materials Fee: $0.00
Grading: Letter grade only

IET-421 AC Variable Frequency Speed Drive 1.50 UNITS
Advisory: Completion of IET-419, or two years or more of professional work experience in a related field.
Function and controls of an AC variable frequency drive and its application on the field, including parameter, setting, tuning, and configuration.
Materials Fee: $0.00
Grading: Letter grade only

IET-482 Internship in Industrial Electricity 1.00 UNITS
Limitation on Enrollment: Instructor signature is required prior to registration.
Prerequisite: IET-401A.
Corequisite: Enrollment in any industrial electricity course.
Supervised industry internship in cooperation with private or public sector employers. Provides hands-on learning opportunities to apply knowledge and learn new skills directly related to their field of study. Placement is arranged by/approved by the instructor. Participation requirements may vary with the job setting.
Materials Fee: 0.00
Grading: Letter grade only

Additional sections of some classes may be available; check the Fontana, Ontario High School, Rancho, and Hybrid/Online sections.
Kinesiology: Activity (KINACT)

909/652-6290

KINACT-35  Cardio Fitness for Life  1.00 UNITS
Walking or running for physical health, muscular strength, fitness, weight control, and general well-being. Students develop a personalized fitness program with the assistance of the instructor. Suitable for all ages and fitness levels.
Materials Fee: $1.00  Transfer: CSU; UC credit limitations
Grading: Letter grade only

85102 V.Greer  12:30pm-1:50pm  TTH  CHMB-245

Kinesiology: Lecture (KINLEC)

909/652-6290

KINLEC-15  Diet and Fitness  3.00 UNITS
A lifestyle approach to fitness, including the study of nutrition, disease prevention, increased cardiovascular endurance, increased strength, flexibility, stress management, and considerations of aging on the body.
Materials Fee: $3.00  Transfer: CSU
Grading: Letter grade only

85106 V.Greer  2:00pm-3:20pm  TTH  CHMB-245

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

85104 C.Walters  8:00am-10:50am  F  CHMB-202
SECT 85104: An additional fee is charged to students who wish to take the optional Red Cross certification exam(s).

Management (MGMT)

(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

84792 R.Vineyard  10:00am-11:50am  TTH  CHMB-246
84790 K.Vo  2:00pm-3:50pm  TTH  CHMB-201
84789 J.Hyder  4:30pm-6:45pm  MTWTH  CHMB-201
10/19/15-12/10/15  Last day to add: 10/22/15
SECT 84322: Fast Track class linked with MATH-425, section 84802. See pages 178-184 for more info.
84791 G.Gavrilov  7:00pm-8:50pm  MW  CHMB-201

Additional sections of some classes may be available; check the Fontana, Ontario High School, Rancho, and Hybrid/Online sections.
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  
Grading: Letter grade only  
84793 M.Gutierrez  
10:00am-11:50am TTH  
CHMB-201

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  
Grading: Letter grade only  
84808 M.Gutierrez  
10:00am-11:50am MW  
CHMB-246

MATH-401  Mathematics for Health Science  1.00 UNITS  
Prerequisite: Eligibility for MATH-410 as determined by the Chaffey assessment process, or completion of MATH-520.  
Course is targeted to students applying for the Nursing A.D.N. program.  
Topics include: metric, apothecary, and household systems of measurement; system conversions; adult and child dosages, and calculations involving oral, intravenous, and intramuscular medication administrations.  
Materials Fee: $1.00  
Grading: Letter grade only  
84795 M.Grigsby  
5:00pm-6:30pm TTH  
CHMB-246

MATH-410  Elementary Algebra  4.00 UNITS  
Prerequisite: Eligibility for MATH-410 as determined by the Chaffey assessment process, or completion of MATH-520.  
Algebraic operations of addition, subtraction, multiplication, and division. Additional topics include special products and factoring, rational expressions and their operations, solution and application of linear and rational equations, graphing of linear equations in two variables, solving linear systems of two equations, and determining the equation of a line.  
Materials Fee: $1.00  
Grading: Letter grade only  
84798 S.Lee  
7:30am-9:20am MW  
CHMB-246

MATH-425  Intermediate Algebra  4.00 UNITS  
Prerequisite: Eligibility for MATH-425 as determined by the Chaffey assessment process, or completion of MATH-410.  
Review and extension of the concepts from Elementary Algebra. Topics include polynomial, radical, absolute value, exponential and logarithmic expressions, equations, and functions; linear and non-linear systems of equations and inequalities; quadratic equations; graphing of nonlinear functions; complex numbers; nonlinear single-variable inequalities; conic sections; sequences; series; and the Binomial Theorem.  
Materials Fee: $1.00  
Grading: Letter grade only  
84803 M.Gutierrez  
8:00am-9:50am MW  
CHCM-201

MATH-510  Arithmetic  4.00 UNITS  
Prerequisite: Eligibility for MATH-510 as determined by the Chaffey assessment process.  
Complete study of arithmetic, including whole numbers, fractions, decimals, ratios, proportions, measurement, percents, and signed numbers. Four hours of supplemental learning in a Success Center that supports this course is required.  
Grading: Letter grade only  
84810 STAFF  
7:30am-10:00am TTH  
CHMB-261

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.  
Grading: Letter grade only  
84805 M.Grigsby  
10:30am-1:00pm TTH  
CHMB-261

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.  
Grading: Pass/No Pass  
85547 L.Tran  
4:00pm-6:15pm MW  
CHMB-261

MATH-610  Pre-Calculus  4.00 UNITS  
Prerequisite: Eligibility for MATH-610 as determined by the Chaffey assessment process, or completion of MATH-510.  
Review and extension of the concepts from Elementary Algebra. Topics include polynomial, radical, absolute value, exponential and logarithmic expressions, equations, and functions; linear and non-linear systems of equations and inequalities; quadratic equations; graphing of nonlinear functions; complex numbers; nonlinear single-variable inequalities; conic sections; sequences; series; and the Binomial Theorem.  
Materials Fee: $1.00  
Grading: Letter grade only  
84804 A.Nguyen  
12:00pm-1:50pm MW  
CHMB-201

MATH-625  Intermediate Algebra  4.00 UNITS  
Prerequisite: Eligibility for MATH-625 as determined by the Chaffey assessment process, or completion of MATH-610.  
Review and extension of the concepts from Elementary Algebra. Topics include polynomial, radical, absolute value, exponential and logarithmic expressions, equations, and functions; linear and non-linear systems of equations and inequalities; quadratic equations; graphing of nonlinear functions; complex numbers; nonlinear single-variable inequalities; conic sections; sequences; series; and the Binomial Theorem.  
Materials Fee: $1.00  
Grading: Letter grade only  
84801 A.Iam  
7:00pm-8:50pm TTH  
CHMB-201

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

ATTENTION MATH-605, MATH-610, AND MATH-625 STUDENTS  
There is an online software fee of $38 for this course.

Non Credit  
85547 L.Tran  
4:00pm-6:15pm MW  
CHMB-261

Last day to add: 08/24/15  
SECT 84802: Fast Track class linked to MATH-25, section 84789. See pages 178-184 for more info.
### 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
- Grading: Pass/No Pass only
- Transfer: CSU; UC

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<tr>
<td>084389</td>
<td>STAFF</td>
<td>3:30pm-4:50pm</td>
<td>TTH</td>
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### Nursing: Vocational (NURVN)

**NURVN-401 Foundations of Vocational Nursing**
- **2.00 UNITS**
- Advisory: Completion of ENGL-1A, and eligibility for MATH-410 as determined by the Chaffey assessment process or completion of MATH-520.
- The health care delivery system and role of the vocational nurse as a member of the health care team. Policies and expectations of the VN program and exploration of strategies for successful program completion.
- Materials Fee: $4.00
- Grading: Letter grade only

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<tr>
<td>85379</td>
<td>N.Ferrer</td>
<td>7:30am-9:20am</td>
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**NURVN-403 Fundamentals of Nursing**
- **3.00 UNITS**
- Limitation on Enrollment: Acceptance into the Vocational Nursing (VN) program.
- Fundamental principles and techniques necessary for the beginning vocational nursing student to provide basic nursing care to patients. Includes twelve hours of related pharmacology content. Instructor signature required.
- NOTE: Students must achieve a minimum grade of C in NURVN-403 and pass NURVN-403L to meet course and program requirements.
- Materials Fee: $3.00
- Grading: Letter grade only

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<td>85430</td>
<td>C.Piper</td>
<td>8:00am-12:00pm</td>
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<td>08/18/15-09/17/15</td>
<td>Last day to add: 08/19/15</td>
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**NURVN-405 Beginning Medical Surgical Nursing**
- **4.00 UNITS**
- Prerequisite: NURVN-403 and 403L.
- Corequisite: NURVN-405L.
- Utilization of the nursing process as a framework for providing care to patients with musculoskeletal, genitourinary, and gastrointestinal disorders. Includes twelve hours of related pharmacology content. Instructor signature required.
- NOTE: Students must achieve a minimum grade of C in NURVN-405 and pass NURVN-405L to meet course and program requirements.
- Materials Fee: $3.00
- Grading: Letter grade only

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<td>85461</td>
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<td>09/22/15-12/15/15</td>
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### IN NURSING V.N. PAIRED COURSES (I.E. NURVN-403 AND NURVN-403L),
both components must be passed satisfactorily to meet course and program requirements. Less than a “C” grade in either will result in the lower of the two grades being assigned to both, and both courses will have to be repeated if a student wishes to continue in the Nursing V.N. program.
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<tbody>
<tr>
<td>NURVN-407B</td>
<td>Intermediate Nursing Skills/Clinical</td>
<td>1.00 UNITS</td>
<td>Simulation Laboratory</td>
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</tr>
<tr>
<td>Limitation on Enrollment: Acceptance into the second semester of the Vocational Nursing program. Application of second semester theoretical concepts in a skills laboratory setting. Focus on maternal/child health nursing and on diseases/disorders of the cardiac, respiratory and endocrine systems. Instructor signature required. Materials Fee: $3.00 Grading: Pass/No Pass only</td>
<td></td>
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<tr>
<td>86629 H.Tegen</td>
<td>54 hrs/term scheduled clinical</td>
<td>Last day to add: 09/10/15</td>
<td>CHHC-210</td>
<td></td>
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<tr>
<td>08/20/15-12/10/15</td>
<td></td>
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<tr>
<td>86630 K.Berch</td>
<td>54 hrs/term scheduled clinical</td>
<td>Last day to add: 09/10/15</td>
<td>CHHC-210</td>
<td></td>
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<td>08/20/15-12/10/15</td>
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<tr>
<td>86631 STAFF</td>
<td>54 hrs/term scheduled clinical</td>
<td>Last day to add: 09/10/15</td>
<td>CHHC-210</td>
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<tr>
<td>08/20/15-12/10/15</td>
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<tr>
<td>NURVN-407C</td>
<td>Advanced Nursing Skills/Clinical</td>
<td>1.00 UNITS</td>
<td>Simulation Laboratory</td>
<td></td>
</tr>
<tr>
<td>Limitation on Enrollment: Acceptance into the third semester of the Vocational Nursing program. Application of third semester theoretical concepts in a skills laboratory setting. Focus on emergency and trauma situations and on diseases/disorders of the reproductive, hematologic, and immune systems. Instructor signature required. Materials Fee: $3.00 Grading: Pass/No Pass only</td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>86640 H.Tegen</td>
<td>54 hrs/term scheduled clinical</td>
<td>Last day to add: 09/21/15</td>
<td>CHHC-210</td>
<td></td>
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<tr>
<td>09/01/15-12/15/15</td>
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<tr>
<td>86641 L.Dixon</td>
<td>54 hrs/term scheduled clinical</td>
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<td>CHHC-210</td>
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<tr>
<td>09/01/15-12/15/15</td>
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</tr>
<tr>
<td>86642 L.Boone</td>
<td>54 hrs/term scheduled clinical</td>
<td>Last day to add: 09/21-15</td>
<td>CHHC-210</td>
<td></td>
</tr>
<tr>
<td>09/01/15-12/15/15</td>
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<td></td>
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</tr>
<tr>
<td>NURVN-409</td>
<td>Intermediate Medical Surgical Nursing</td>
<td>4.00 UNITS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Limitation on Enrollment: Acceptance into the Vocational Nursing program, and successful completion of the first semester VN curriculum or equivalent Prerequisite: NURVN-409 and 409L Discussion, demonstration, and application of the nursing process and developmental theory to the care of adult patients with cardiac, respiratory, and endocrine systems disorders. 12 hours of related pharmacology content. Instructor signature required. NOTE: Students must achieve a minimum grade of C in NURVN-409 and pass NURVN-409L to meet course and program requirements. Materials Fee: $4.00 Grading: Letter grade only</td>
<td></td>
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<td></td>
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</tr>
<tr>
<td>86608 S.Brown</td>
<td>8:30am-1:00pm</td>
<td>W</td>
<td>CHMB-202</td>
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<tr>
<td>08/19/15-12/09/15</td>
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<tr>
<td>Additional sections of some classes may be available; check the Fontana, Ontario High School, Rancho, and Hybrid/Online sections.</td>
<td></td>
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</tr>
</tbody>
</table>
### NURVN-413 Leadership for the Vocational Nurse 3.00 UNITS

**Limitation on Enrollment:** Acceptance into the Vocational Nursing program, and successful completion of the second semester VN curriculum or equivalent.  
**Corequisite:** NURVN-413L.  
Leadership skills, capabilities, and knowledge essential to the vocational nurse. Managerial traits, styles, roles, and models are explored. Instructor signature required. NOTE: Students must achieve a minimum grade of C in NURVN-413 and pass NURVN-413L to meet course and program requirements.  
Materials Fee: $3.00  
Grading: Letter grade only  
<table>
<thead>
<tr>
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<th>HOURS</th>
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</thead>
<tbody>
<tr>
<td>86636</td>
<td>K.Berch</td>
<td>1:00pm-4:30pm</td>
<td>W</td>
<td>CHMB-247</td>
</tr>
<tr>
<td>08/19/15-12/09/15</td>
<td>Last day to add: 09/01/15</td>
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</table>

### NURVN-413L Leadership for the Vocational Nurse 2.00 UNITS Laboratory

**Limitation on Enrollment:** Acceptance into the Vocational Nursing program, and successful completion of the second semester VN curriculum or equivalent.  
**Corequisite:** NURVN-413.  
Clinical application of leadership skills, capabilities, and knowledge essential to the vocational nurse. Instructor signature required. NOTE: Students must pass NURVN-413L and achieve a minimum grade of C in NURVN-413 to meet course and program requirements.  
Materials Fee: $1.00  
Grading: Pass/No Pass only  
<table>
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<tr>
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<tbody>
<tr>
<td>86637</td>
<td>N.Ferrer</td>
<td>108 hrs/term scheduled clinical</td>
<td>CLIN</td>
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<tr>
<td>08/21/15-12/11/15</td>
<td>Last day to add: 09/11/15</td>
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<tr>
<td>86638</td>
<td>K.Montgomery</td>
<td>108 hrs/term scheduled clinical</td>
<td>CLIN</td>
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<tr>
<td>08/21/15-12/11/15</td>
<td>Last day to add: 09/11/15</td>
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<tr>
<td>86639</td>
<td>STAFF</td>
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<td>08/21/15-12/11/15</td>
<td>Last day to add: 09/11/15</td>
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</table>

### NURVN-415A Growth and Development: Psychology 1.00 UNITS Adult-Geriatric

**Limitation on Enrollment:** Acceptance into the Vocational Nursing program. Stages of growth and development, behavior, and characteristics of the adult and elderly. Highlighting perspectives of mental health nursing. Instructor signature required.  
Materials Fee: $2.00  
Grading: Letter grade only  
<table>
<thead>
<tr>
<th>SECTION #</th>
<th>INSTRUCTOR</th>
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<td>K.Berch</td>
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<td>11/03/15-12/08/15</td>
<td>Last day to add: 11/03/15</td>
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### NURVN-415B Growth and Development of the Child 1.00 UNITS

**Limitation on Enrollment:** Acceptance into the Vocational Nursing program, and successful completion of the first semester VN curriculum or equivalent  
**Prerequisite:** NURVN-415A.  
Stages of growth and development, behavior, and characteristics of the child. Related theories and perspectives of mental health nursing. Instructor signature required.  
Materials Fee: $3.00  
Grading: Letter grade only  
<table>
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<td>86625</td>
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<tr>
<td>11/02/15-12/07/15</td>
<td>Last day to add: 11/02/15</td>
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</table>

### NURVN-417A Critical Thinking and the Nursing Process I 1.00 UNITS

**Limitation on Enrollment:** Acceptance into the Vocational Nursing program. Application of critical thinking skills in the health care setting. Instructor signature required.  
Materials Fee: $1.00  
Grading: Letter grade only  
<table>
<thead>
<tr>
<th>SECTION #</th>
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<th>HOURS</th>
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<tr>
<td>86601</td>
<td>K.Berch</td>
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<td>T</td>
<td>CHMB-247</td>
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<td>08/19/15-10/27/15</td>
<td>Last day to add: 09/22/15</td>
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### NURVN-417B Critical Thinking and the Nursing Process II 1.00 UNITS

**Limitation on Enrollment:** Acceptance into the Vocational Nursing program, and successful completion of the first semester VN curriculum or equivalent.  
**Corequisite:** NURVN-417A.  
Advanced concepts in the development of a plan of care and in clinical decision-making. Instructor signature required.  
Materials Fee: $3.00  
Grading: Letter grade only  
<table>
<thead>
<tr>
<th>SECTION #</th>
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<td>86624</td>
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<td>Last day to add: 08/23/15</td>
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</table>

### NURVN-421 Maternal and Child Health Nursing 4.00 UNITS

**Limitation on Enrollment:** Acceptance into the Vocational Nursing program, and successful completion of the first semester of the VN program or equivalent.  
**Corequisite:** NURVN-421L.  
Nursing care of mothers, newborns, and children using Maslow’s theory of human needs to guide the plan of care. Instructor signature required. NOTE: Students must achieve a minimum grade of C in NURVN-421 and pass NURVN-421L to meet course and program requirements.  
Materials Fee: $3.00  
Grading: Letter grade only  
<table>
<thead>
<tr>
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<th>HOURS</th>
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<tr>
<td>86614</td>
<td>M.Escobosa</td>
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<td>CHMB-247</td>
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<td>08/17/15-12/14/15</td>
<td>Last day to add: 08/30/15</td>
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</table>

### NURVN-421L Maternal and Child Health Nursing Laboratory 2.00 UNITS

**Limitation on Enrollment:** Acceptance into the Vocational Nursing program, and successful completion of the first semester of the VN program or equivalent.  
**Corequisite:** NURVN-421.  
Nursing care of mothers, newborns, and children in the clinical setting using Maslow’s theory of human needs to guide the plan of care. Instructor signature required. NOTE: Students must pass NURVN-421L and achieve a minimum grade of C in NURVN-421 to meet course and program requirements.  
Materials Fee: $2.00  
Grading: Pass/No Pass only  
<table>
<thead>
<tr>
<th>SECTION #</th>
<th>INSTRUCTOR</th>
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<tbody>
<tr>
<td>86616</td>
<td>S.Manzano</td>
<td>108 hrs/term scheduled clinical</td>
<td>CLIN</td>
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<tr>
<td>and K.Jones</td>
<td>08/18/15-12/15/15</td>
<td>Last day to add: 08/24/15</td>
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<tr>
<td>86618</td>
<td>S.Manzano</td>
<td>108 hrs/term scheduled clinical</td>
<td>CLIN</td>
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<tr>
<td>and K.Jones</td>
<td>08/18/15-12/15/15</td>
<td>Last day to add: 08/24/15</td>
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<tr>
<td>86623</td>
<td>S.Manzano</td>
<td>108 hrs/term scheduled clinical</td>
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<td>and K.Jones</td>
<td>08/18/15-12/15/15</td>
<td>Last day to add: 08/24/15</td>
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</tbody>
</table>

Visit our website at www.chaffey.edu for application and registration information.
### Nutrition and Food (NF)

**NF-5 Nutrition for Life**  
*3.00 UNITS*

Essentials of nutrition as they relate to diet, health and disease, stress, and nutritional deficiencies.  
Grading: Letter grade only  
Materials Fee: $4.00  
Transfer: CSU; UC  
85148 C.Hines-Tinsley  
9:30am-10:50am T  
CHMB-247  
08/17/15-12/18/15  
Last day to add: 08/24/15  
SECT 85148: Hybrid class: see page 160 for more info.

**NF-11 Food Service Management Supervision**  
*3.00 UNITS*

Advisory: Completion of NF-471.  
Aspects of food service management supervision. Role of the supervisor/manager in developing personnel programs and establishing workable labor-management relationships.  
Grading: Letter grade only  
Materials Fee: $4.00  
Transfer: CSU  
85173 C.Hines-Tinsley  
12:30pm-1:50pm TTH  
CHMB-242

**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.  
Grading: Letter grade only  
Materials Fee: $4.00  
Transfer: CSU; UC  
85171 C.Hines-Tinsley  
11:00am-12:20pm TTH  
CHMB-247

**NF-27 Healthy Cooking**  
*2.00 UNITS*

Techniques of planning and preparing nutritious foods, incorporating lower levels of fat, cholesterol, and sodium into meals. Emphasis on healthy food selection as a lifestyle.  
Grading: Letter grade only  
Materials Fee: $5.00  
Transfer: CSU  
85176 C.Hines-Tinsley  
11:30am-12:30pm T  
CHMB-247

**NF-471 Dietetic Service Supervisor I**  
*1.00 UNITS*

Limitation on Enrollment: Proof of a negative tuberculosis test within the past 12 months is required.  
Corequisite: NF-471L.  
Supervisory and management roles in the professional health care setting for 1st semester students.  
Grading: Letter grade only  
Materials Fee: $2.00  
85678 C.Cammayo  
2:00pm-2:50pm F  
CHMB-245  
08/17/15-12/18/15  
Last day to add: 08/24/15  
SECT 85678: First class meeting on Friday 8/21/15. Additional meeting dates will be provided at that time. Students may be required to provide a fee-based background check. Students enrolled in this section must also enroll in section 85678.

**NF-471L Dietetic Service Supervisor I: Supervised Clinical Laboratory**  
*2.00 UNITS*

Limitation on Enrollment: Proof of a negative tuberculosis test within the past 12 months is required.  
Corequisite: NF-471.  
Practical experience in practice and live clinical situations for the 1st semester student.  
Materials Fee: $2.00  
Grading: Letter grade only  
85692 C.Cammayo  
8:00am-1:50pm F  
CHMB-245  
08/17/15-12/18/15  
Last day to add: 08/24/15  
SECT 85692: First class meeting on Friday 8/21/15. Additional meeting dates will be provided at that time. Students may be required to provide a fee-based background check. Students enrolled in this section must also enroll in section 85678.

**NF-472 Dietetic Service Supervisor II**  
*1.00 UNITS*

Limitation on Enrollment: Proof of a negative tuberculosis test within the past 12 months is required.  
Prerequisite: NF-471.  
Corequisite: NF-472L.  
Supervisory and management roles in the professional health care setting for 1st semester students.  
Grading: Letter grade only  
Materials Fee: $2.00  
85688 C.Cammayo  
2:00pm-2:50pm F  
CHMB-245  
08/17/15-12/18/15  
Last day to add: 08/24/15  
SECT 85688: First class meeting on Friday 8/21/15. Additional meeting dates will be provided at that time. Students may be required to provide a fee-based background check. Students enrolled in this section must also enroll in section 85694.

**NF-472L Dietetic Service Supervisor II: Supervised Clinical Laboratory**  
*2.00 UNITS*

Limitation on Enrollment: Proof of a negative tuberculosis test within the past 12 months is required.  
Corequisite: NF-472.  
Practical experience in practice and live clinical situations for the 1st semester student.  
Materials Fee: $2.00  
Grading: Letter grade only  
85694 C.Cammayo  
8:00am-1:50pm F  
CHMB-245  
08/17/15-12/18/15  
Last day to add: 08/24/15  
SECT 85694: First class meeting on Friday 8/21/15. Additional meeting dates will be provided at that time. Students may be required to provide a fee-based background check. Students enrolled in this section must also enroll in section 85688.

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**Credit Card Users**

(VISA, MASTERCARD, AMERICAN EXPRESS AND DISCOVER)

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

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Additional sections of some classes may be available; check the Fontana, Ontario High School, Rancho, and Hybrid/Online sections.
Philosophy (PHIL)

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

PHIL-76 Critical Thinking 3.00 UNITS
Prerequisite: ENGL-1A.
Argument and reasoning in the investigation of claims, including inductive and deductive reasoning, distinguishing fact from opinion and belief from knowledge, and identifying formal and informal fallacies.
Materials Fee: $0.00  Transfer: CSU; UC
Grading: Letter grade only

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
Grading: Letter grade only

Physical Education

(See Kinesiology)

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

Political Science (PS)

PS-1 American Politics 3.00 UNITS
Advisory: Completion of ENGL-1A.
Study of the American political process and institutions. Analysis of the organization and function of California's state and local governments.
(C-ID POLS 110)
Materials Fee: $0.00  Transfer: CSU; UC
Grading: Letter grade only

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

Psychotherapy (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

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

PSYCH-41 Biological Psychology 3.00 UNITS
Prerequisite: PSYCH-1.
Study of the biological basis of behavior including basic neuroanatomy and neurophysiology as applicable to movement, sensation, perception, learning, memory, emotion, psychological disorders, language, and consciousness. (C-ID PSY 150)
Materials Fee: $0.00  Transfer: CSU; UC
Grading: Letter grade only
**Sociology (SOC)**

**SOC-10  Introduction to Sociology  3.00 UNITS**
Prerequisite: Eligibility for ENGL-1A as determined by the Chaffey assessment process, or completion of ENGL-475 or ESL-475.
Examination and analysis of social structure, group membership and dynamics, socialization and the self, social stratification, culture and diversity, social change and globalization. (C-ID SOCI 110) Materials Fee: $0.00  Transfer: CSU; UC
Grading: Letter grade only

85907 R.Decter  2:00pm-3:20pm  MW  CHMB-242

**SOC-16  Marriage, Family, and Relationships  3.00 UNITS**
Advisory: Eligibility for ENGL-1A as determined by the Chaffey assessment process, or completion of ENGL-475 or ESL-475.
Cross-cultural, social class, gender, and ethnic variation in marriages, families, and relationships. Emphasis on the application of theories, research, and social factors. (C-ID SOCI 130) Materials Fee: $0.00  Transfer: CSU; UC
Grading: Letter grade only

86261 D.Gutknecht  3:00pm-6:30pm  TTH  CHMB-160
10/20/15-12/10/15  Last day to add: 10/22/15
SECT 86261: Fast Track class; see pages 178-184 for more info.

86256 L.Gaetje  7:00pm-9:50pm  T  CHMB-241

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**Spanish (SPAN)**

(Also see American Sign Language)  909/652-6903

**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

84037 H.Ho  4:30pm-6:45pm  MTWTH  CHMB-241
08/17/15-10/07/15  Last day to add: 08/24/15
SECT 84037: Fast Track class; see pages 178-184 for more info.

**SPAN-2  Elementary Spanish II  4.00 UNITS**
Prerequisite: SPAN-1 or one year of high school Spanish.
Continuing language acquisition in a cultural context through listening, speaking, reading, and writing at the second semester level. Students continue to interact with authentic language in cultural context. Course corresponds to the second year of high school Spanish, and is not recommended for heritage (native) speakers of Spanish. Ten hours of supplemental learning in a Success Center that supports this course is required.
Materials Fee: $4.00  Transfer: CSU; UC
Grading: Letter grade only

84038 H.Ho  4:30pm-6:45pm  MTWTH  CHMB-241
10/19/15-12/10/15  Last day to add: 10/22/15
SECT 84038: Fast Track class; see pages 178-184 for more info.

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**Statistics (STAT)**

(Also see Mathematics)  909/652-6403

**STAT-10  Elementary Statistics  4.00 UNITS**
Prerequisite: Eligibility for MATH-25 or higher as determined by the Chaffey assessment process, or completion of MATH-425.
Topics include frequency distribution, measures of variation and central tendency, elementary probability theory, etc. NOTE: A specific graphing utility is required; see instructor before acquiring. (C-ID MATH 110)
Materials Fee: $1.00  Transfer: CSU; UC credit limitations
Grading: Letter grade only

84809 J.Nepomuceno  12:00pm-1:50pm  MW  CHMB-242

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**FEE PAYMENTS**

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

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

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

THEATRE-1 Introduction to Theatre 3.00 UNITS
Advisory: Eligibility for ENGL-1A as determined by the Chaffey assessment process, or completion of ENGL-475 or ESL-475.
Elements of the production process including playwriting, acting, directing, design, and criticism. Survey of different periods, cultures, styles, and genres of theatre through play reading, discussion, films and viewing and critiquing live theatre. Attendance at theatre productions is a requirement of this course.
(C-ID THTR 111)
Materials Fee: $1.00
Grading: Letter grade only
84405 S.Biggs 3:00pm-6:30pm MW CHMB-202
10/19/15-12/09/15 Last day to add: 10/22/15
SECT 84405: Fast Track class; see pages 178-184 for more info.