# How to Read the Schedule of Classes

<table>
<thead>
<tr>
<th>Course Name</th>
<th>Course Number</th>
<th>Course Title</th>
<th>Transferability</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEMISTRY 101—GENERAL CHEMISTRY I (UC:CSU)</td>
<td>(CSU GE AREA B1 + B3 • IGETC AREA 5A + 5C)</td>
<td>5 UNITS</td>
<td></td>
<td></td>
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</tbody>
</table>

**Prerequisites:** Chemistry 60 and Math 125 with a grade of “C” or better.

PROOF OF ELIGIBILITY MUST BE BROUGHT TO THE COUNSELING OFFICE.

### Important Course Information

- **Section Number:**
  - 0851 Lec 8:00-9:25 MW OGOR, G W CFS 91126
  - Lab 12:45-4:50 Th HAMMON, S B CFS 92011
  - And 11:10-12:15 MW OGOR, G W CFS 92026

### Evening Classes

<table>
<thead>
<tr>
<th>Section Number</th>
<th>Course Type</th>
<th>Time/Day</th>
<th>Instructor</th>
<th>Building</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>3458</td>
<td>Lab</td>
<td>5:30-8:00 MW</td>
<td>SOLOFF, L B</td>
<td>CFS 91125</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Lec</td>
<td>8:00-10:10 MW</td>
<td>SOLOFF, L B</td>
<td>CFS 92026</td>
<td></td>
</tr>
</tbody>
</table>

### Key To Transfer Credit Codes

- **UC** This course is acceptable for credit at all University of California campuses.
- **†UC** The granting of transfer credit by a UC campus for directed study, fieldwork, or variable topics courses is contingent upon a review of the course outline after transfer. A UC student must submit a petition to initiate this process. For further clarification, please consult a counselor.
- **CSU** This course is acceptable for credit at all California State University campuses.

### Building Abbreviations

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Department</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTH</td>
<td>Anthropology</td>
</tr>
<tr>
<td>ART</td>
<td>Art</td>
</tr>
<tr>
<td>AS</td>
<td>Agricultural Science</td>
</tr>
<tr>
<td>AT</td>
<td>Applied Technology</td>
</tr>
<tr>
<td>BEH</td>
<td>Behavioral Science</td>
</tr>
<tr>
<td>BUS</td>
<td>Business Education</td>
</tr>
<tr>
<td>CDAD</td>
<td>Child Development Academic Dept.</td>
</tr>
<tr>
<td>CDC</td>
<td>Child Development Center</td>
</tr>
<tr>
<td>CFS</td>
<td>Center for Sciences</td>
</tr>
<tr>
<td>CLINICAL</td>
<td>Health Care Facility (Off Campus)</td>
</tr>
<tr>
<td>COSC</td>
<td>Computer Science</td>
</tr>
<tr>
<td>EB</td>
<td>English Building</td>
</tr>
<tr>
<td>EQUESTRN</td>
<td>Equestrian Center</td>
</tr>
<tr>
<td>FIELD</td>
<td>Gym Area Athletic Field</td>
</tr>
<tr>
<td>FO</td>
<td>Faculty Office</td>
</tr>
<tr>
<td>GEOG</td>
<td>Geography</td>
</tr>
<tr>
<td>GRT HALL</td>
<td>Great Hall</td>
</tr>
<tr>
<td>HORT</td>
<td>Horticulture</td>
</tr>
<tr>
<td>IT</td>
<td>Industrial Technology</td>
</tr>
<tr>
<td>LLC</td>
<td>Library Learning Crossroads</td>
</tr>
<tr>
<td>MATH</td>
<td>Mathematics</td>
</tr>
<tr>
<td>MUS</td>
<td>Music</td>
</tr>
<tr>
<td>NGYM</td>
<td>North Gym</td>
</tr>
<tr>
<td>OC</td>
<td>Off Campus</td>
</tr>
<tr>
<td>PAB</td>
<td>Performing Arts Building</td>
</tr>
<tr>
<td>PAC</td>
<td>Performing Arts Complex (Temporary location)</td>
</tr>
<tr>
<td>POOL</td>
<td>Swimming Pool</td>
</tr>
<tr>
<td>STM</td>
<td>South Gym</td>
</tr>
<tr>
<td>SOC</td>
<td>Social Science</td>
</tr>
<tr>
<td>STADIUM</td>
<td>Shepard Stadium</td>
</tr>
<tr>
<td>VLGE</td>
<td>Village (Behind Gyms)</td>
</tr>
</tbody>
</table>
ACCOUNTING

Business Administration Department Chair: David Braun.
Phone: 719-6479. Office: BUS 3213-C.
Faculty Advisor: Robert Foster.

ACCOUNTING 1—INTRODUCTORY ACCOUNTING I (UC:CSU) - 5 UNITS

<table>
<thead>
<tr>
<th>Course</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>1501</td>
<td>8:00 am - 10:30 am</td>
<td>MTWTh</td>
<td>AHRENS, S R</td>
<td>BUS 3206</td>
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Evening Classes

<table>
<thead>
<tr>
<th>Course</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>3501</td>
<td>4:00 pm - 6:30 pm</td>
<td>MTWTh</td>
<td>CHAWAREEWONG,</td>
<td>BUS 3204</td>
</tr>
<tr>
<td>3502</td>
<td>7:00 pm - 9:30 pm</td>
<td>MTWTh</td>
<td>FOSTER, R P</td>
<td>BUS 3206</td>
</tr>
</tbody>
</table>

AGRICULTURE - ANIMAL SCIENCE

Agriculture Department Chair: Dr. Leland S. Shapiro.
Phone: 710-4254. Office: CFS 91043.
Faculty Advisor: Dr. Leland Shapiro. Phone 710-4254. Office: CFS 91043.

ANIMAL SCIENCE 511—ANATOMY AND PHYSIOLOGY OF ANIMALS (CSU) - 3 UNITS

This course is part of the General Education Sustainability Path option for transfer to CSUN. See http://faculty.piercecollege.edu/gepaths for further information.
Advisory: Animal Science 512.

<table>
<thead>
<tr>
<th>Course</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>1503 Lec</td>
<td>9:35 am - 12:55 pm</td>
<td>T Th</td>
<td>SHAPIRO, L S</td>
<td>CFS 91126</td>
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ANIMAL SCIENCE 512—ANATOMY AND PHYSIOLOGY OF ANIMALS LABORATORY (CSU) - 1 UNIT

Corequisite: Animal Science 511.

<table>
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<tr>
<th>Course</th>
<th>Time</th>
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<tbody>
<tr>
<td>1504 Lab</td>
<td>7:50 am - 11:00 am</td>
<td>M W</td>
<td>ADELINI, J J</td>
<td>CFS 91102</td>
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<tr>
<td>1505 Lab</td>
<td>11:10 am - 2:20 pm</td>
<td>M W</td>
<td>ADELINI, J J</td>
<td>CFS 91102</td>
</tr>
</tbody>
</table>

AGRICULTURE – HORTICULTURE & LANDSCAPING

Agriculture Department Chair: Dr. Lee Shapiro.
Phone: 710-4254. Office: CFS 91043.

PLANT SCIENCE 701—FLORAL DESIGN AND PRACTICES I (CSU) - 2 UNITS

Note: There will be a materials fee of $195 (sales tax included) for this course. This materials fee may be paid at the Business Office or at the first class meeting.

Evening Classes

<table>
<thead>
<tr>
<th>Course</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
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<tbody>
<tr>
<td>3503 Lec</td>
<td>7:00 pm - 8:05 pm</td>
<td>M W</td>
<td>BURTON, R</td>
<td>CFS 91152</td>
</tr>
<tr>
<td></td>
<td>8:05 pm - 10:10 pm</td>
<td>M W</td>
<td>BURTON, R</td>
<td>CFS 91152</td>
</tr>
</tbody>
</table>

(CANCELLED)

AGRICULTURE – VETERINARY TECHNOLOGY (RVT)

Agriculture Department Chair: Dr. Leland S. Shapiro.
Phone: 710-4254. Office: CFS 91043.
Faculty Advisor: Liz White, RVT, 719-6497.

ANIMAL SCIENCE 481—CLINICAL EXPERIENCE FOR VETERINARY TECHNICIANS II - 3 UNITS

<table>
<thead>
<tr>
<th>Course</th>
<th>Time</th>
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<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>1502 Lec</td>
<td>9:00 am - 12:10 pm</td>
<td>T</td>
<td>ADELINI, J J</td>
<td>CFS 91152</td>
</tr>
<tr>
<td>And</td>
<td>12:20 pm - 3:30 pm</td>
<td>T</td>
<td>WHITE, E G</td>
<td>CFS 91152</td>
</tr>
</tbody>
</table>

ANATOMY

Life Science Department Chair: Laurence Thouin.
Phone: 710-4282. Office: Center for Sciences – CFS 91042.
Faculty Advisor: Laurence Thouin. Phone: 710-4282.
(See also Biology, Microbiology, and Physiology)
STUDENTS WHO FAIL TO ATTEND THE FIRST CLASS MEETING MAY FORFEIT THEIR PLACE IN CLASS.

ANATOMY 1—INTRODUCTION TO HUMAN ANATOMY (UC:CSU) - 4 UNITS

Advisory: Completion of Biology 3 or 6 with a grade of “C” or better.

<table>
<thead>
<tr>
<th>Course</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>1506 Lec</td>
<td>9:35 am - 12:45 pm</td>
<td>M W</td>
<td>MELLINGER, R G</td>
<td>CFS 91126</td>
</tr>
<tr>
<td>Lab</td>
<td>9:35 am - 12:45 pm</td>
<td>T Th</td>
<td>NG, V L</td>
<td>CFS 91102</td>
</tr>
<tr>
<td>Time</td>
<td>Day</td>
<td>Course</td>
<td>Instructor</td>
<td>Location</td>
</tr>
<tr>
<td>------------</td>
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<td>--------------</td>
<td>------------</td>
<td>----------</td>
</tr>
<tr>
<td>9:35 am</td>
<td>M W</td>
<td>Lec MELLINGER, R G</td>
<td>CFS 91126</td>
<td>(ADDED)</td>
</tr>
<tr>
<td>1:20 pm</td>
<td>T</td>
<td>Lec MELLINGER, R G</td>
<td>CFS 91102</td>
<td></td>
</tr>
<tr>
<td>1:20 pm</td>
<td>Th</td>
<td>Lec NG, V L</td>
<td>CFS 91102</td>
<td></td>
</tr>
</tbody>
</table>

**ANTHROPOLOGY**

Anthropological & Geographical Sciences Department Chair: Adrian Youhanna.

Phone: 710-2940. Office: FO 2904.

Faculty Advisor: Dr. Noble Eisenlauer. Phone: 710-2875. Office: FO 2307.

**ANTHROPOLOGY 101—HUMAN BIOLOGICAL EVOLUTION (UC:CSU) - 3 UNITS**

*(CSU GE AREA B2 • IGETC AREA 5B)*

This course is part of the General Education Sustainability Path option for transfer to CSUN. See [http://faculty.piercecollege.edu/gepaths](http://faculty.piercecollege.edu/gepaths) for further information.

Note: Students interested in earning laboratory credit are encouraged to enroll in Anthropology 111.

<table>
<thead>
<tr>
<th>Time</th>
<th>Day</th>
<th>Course</th>
<th>Instructor</th>
<th>Location</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>11:10 am</td>
<td>M W</td>
<td>Lec EDGE, T R</td>
<td>ANTH 0102</td>
<td></td>
<td></td>
</tr>
<tr>
<td>11:10 am</td>
<td>T Th</td>
<td>Lec MORAN, E J</td>
<td>ANTH 0100</td>
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**ANTHROPOLOGY 102—HUMAN WAYS OF LIFE: CULTURAL ANTHROPOLOGY (UC:CSU) - 3 UNITS**

*(CSU GE AREA D • IGETC AREA 4)*

This course is part of the General Education Global Studies Path option for transfer to CSUN. See [http://faculty.piercecollege.edu/gepaths](http://faculty.piercecollege.edu/gepaths) for further information.

Note: Provider approved by the California Board of Nursing. This course awards 45 contact hours for nurses.

**Evening Classes**

<table>
<thead>
<tr>
<th>Time</th>
<th>Day</th>
<th>Course</th>
<th>Instructor</th>
<th>Location</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:00 pm</td>
<td>M W</td>
<td>Lec SIMON, G M</td>
<td>ANTH 0102</td>
<td></td>
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**ANTHROPOLOGY 111—LABORATORY IN HUMAN BIOLOGICAL EVOLUTION (UC:CSU) - 2 UNITS**

*(CSU GE AREA B3 • IGETC AREA 5C)*

**Prerequisite:** Anthropology 101 or concurrent enrollment.

<table>
<thead>
<tr>
<th>Time</th>
<th>Day</th>
<th>Course</th>
<th>Instructor</th>
<th>Location</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>11:10 am</td>
<td>T Th</td>
<td>Lec PIERSON, B E</td>
<td>ANTH 0102</td>
<td></td>
<td></td>
</tr>
<tr>
<td>12:15 pm</td>
<td>T Th</td>
<td>Lec PIERSON, B E</td>
<td>ANTH 0102</td>
<td></td>
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**Evening Classes**

<table>
<thead>
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<th>Time</th>
<th>Day</th>
<th>Course</th>
<th>Instructor</th>
<th>Location</th>
<th>Notes</th>
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<tbody>
<tr>
<td>3:40 pm</td>
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<td>Lec EDGE, T R</td>
<td>ANTH 0102</td>
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<td></td>
</tr>
<tr>
<td>4:45 pm</td>
<td>M W</td>
<td>Lec EDGE, T R</td>
<td>ANTH 0102</td>
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<td></td>
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**ANTHROPOLOGY 121—ANTHROPOLOGY OF RELIGION, MAGIC AND WITCHCRAFT (UC:CSU) - 3 UNITS**

*(CSU GE AREA C2 • IGETC AREA 3B)*

Corequisite: Anthropology 1.

<table>
<thead>
<tr>
<th>Time</th>
<th>Day</th>
<th>Course</th>
<th>Instructor</th>
<th>Location</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>11:10 am</td>
<td>M W</td>
<td>Lec MORAN, E J</td>
<td>ANTH 0100</td>
<td></td>
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**ANTHROPOLOGY 161—INTRODUCTION TO LANGUAGE AND LINGUISTICS (UC:CSU) - 3 UNITS**

*(CSU GE AREA C2 OR D • IGETC AREA 3B OR 4)*

<table>
<thead>
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<th>Time</th>
<th>Day</th>
<th>Course</th>
<th>Instructor</th>
<th>Location</th>
<th>Notes</th>
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</thead>
<tbody>
<tr>
<td>8:00 am</td>
<td>MTWTh</td>
<td>Lab DALLA DEA, A L</td>
<td>ANTH 0100</td>
<td></td>
<td></td>
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</tbody>
</table>

**ASTRONOMY**

Physics and Planetary Sciences Department Chair: Lee C. Loveridge.

Phone: 710-2541. Office: CFS 91040.

Email: loverilc@piercecollege.edu

Faculty Advisor: Dr. Dale Fields. Phone: 710-4262. Office: CFS 91090.

Email: FieldsDL@piercecollege.edu

**ASTRONOMY 1—ELEMENTARY ASTRONOMY (UC:CSU) - 3 UNITS**

*(CSU GE AREA B1 • IGETC AREA 5A)*

Note: Students interested in earning laboratory credit are encouraged to enroll in Astronomy 2.

**Evening Classes**

<table>
<thead>
<tr>
<th>Time</th>
<th>Day</th>
<th>Course</th>
<th>Instructor</th>
<th>Location</th>
<th>Notes</th>
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<tbody>
<tr>
<td>3:40 pm</td>
<td>T Th</td>
<td>Lec MORALES, F</td>
<td>CFS 92044</td>
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<tr>
<td>7:00 pm</td>
<td>M W</td>
<td>Lec MORALES, F</td>
<td>CFS 92044</td>
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**ASTRONOMY 2—ELEMENTARY ASTRONOMY LABORATORY (UC:CSU) - 1 UNIT**

*(CSU GE AREA B3 • IGETC AREA 5C)*

Corequisite: Astronomy 1.

**Evening Classes**

<table>
<thead>
<tr>
<th>Time</th>
<th>Day</th>
<th>Course</th>
<th>Instructor</th>
<th>Location</th>
<th>Notes</th>
</tr>
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<tbody>
<tr>
<td>7:00 pm</td>
<td>T Th</td>
<td>Lab MALLORY, C R</td>
<td>CFS 92047</td>
<td></td>
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</table>

**AUTOMOTIVE SERVICE TECHNOLOGY**

Industrial Technology Department Chair: Tom Fortune.
AUTOMOTIVE SERVICE TECHNOLOGY 1—AUTOMOTIVE ENGINES (CSU) - 5 UNITS
Note: A.S.E. CERTIFIED COURSE.
Evening Classes
3509 Lec 6:00 pm - 7:25 pm MTWTh VAN DYKE, M L IT 3640
   Lab 7:35 pm -10:05 pm MTWTh VAN DYKE, M L IT 3640

AUTOMOTIVE SERVICE TECHNOLOGY 2—SUSPENSION BRAKES AND POWER SYSTEMS (CSU) - 5 UNITS
Note: A.S.E. CERTIFIED COURSE.
Evening Classes
3510 Lec 6:00 pm - 7:25 pm MTWTh MAKERIAN, R M IT 3641
   And KIES, B J IT 3641
   Lab 7:35 pm -10:05 pm MTWTh MAKERIAN, R M IT 3641
   And KIES, B J IT 3641

AUTOMOTIVE SERVICE TECHNOLOGY 41—PRECISION LOWER-END ENGINE BLUEPRINTING AND ASSEMBLY - 3 UNITS
Note: Students should enroll in both AST 41 and AST 44.
1512 Lec 8:00 am -10:05 am M W FORTUNE, T A IT 3640
   Lab 10:05 am -12:10 pm M W FORTUNE, T A IT 3640

AUTOMOTIVE SERVICE TECHNOLOGY 44—PRECISION UPPER-END ENGINE ASSEMBLY - 3 UNITS
Note: Students should enroll in both AST 41 and AST 44.
1513 Lec 8:00 am -10:05 am T Th FORTUNE, T A IT 3640
   Lab 10:05 am -12:10 pm T Th FORTUNE, T A IT 3640

BIOLOGY

Life Science Department Chair: Laurence Thouin.
Phone: 710-4282. Office: Center for Sciences – CFS 91042.
Faculty Advisor: Pat Farris. Phone: 710-4140.
(See also Anatomy, Microbiology, and Physiology.)
STUDENTS WHO FAIL TO ATTEND THE FIRST CLASS MEETING MAY FORFEIT THEIR PLACE IN CLASS.

BIOLOGY 3—INTRODUCTION TO BIOLOGY (UC:CSU) - 4 UNITS
(CSU GE AREA B2 + B3 + IGETC AREA 5B + 5C)
Closed to students who have completed Biology 6.
Note: During the first week of classes, enrolled students must attend laboratory and complete the orientation program. Students must bring their own headsets to this first laboratory meeting. Headphones are available for purchase in the Student Store.
8501 Lec 9:35 am -12:50 pm M W BEAVERS, J B CFS 91120
   Lab 9:35 am -12:50 pm T Th COOPER, M A CFS 91004
8502 Lec 9:35 am -12:50 pm M W BEAVERS, J B CFS 91120
   Lab 1:00 pm - 4:15 pm T Th COOPER, M A CFS 91004

BIOLOGY 123—INTRODUCTION TO MARINE BIOLOGY (UC:CSU) - 3 UNITS
(CSU GE AREA B2 + B3 + IGETC AREA 5B+5C)
International Education Program: Biology of the Sea of Cortez (Gulf of California) in Bahia de los Angeles, Baja Mexico.
Class will be conducted at the Marine Station, Estación del Mar de Cortez, in the town of Bahia de los Angeles in the central Gulf of California. Class activities include intertidal study, fish, dolphin, whale and other marine mammal observation, research methods, snorkeling, and small boat trips to nearby islands.
Travel is from July 20 through August 1, 2014. Additionally orientation class meetings Wednesday, June 11, 6-9 p.m. and Wednesday, July 16, 5-9 p.m. in CFS 91008.
See the website, www.pcmsusa.org, for course description and more information.
Contact Dr. Raymond Wells by e-mail (best) at pcmsusa@hotmail.com or (310) 999-9072.
Note: Enrollment by add card only.
Note: Passports are required for travel. Information on obtaining passports, including web links, and other course information, is available on the Marine Science website - www.pcmsusa.org.
7661 Lec 4-Hrs, 15 min TBA WELLS, R A CFS 91008
   Lab 6-Hrs, 30 min TBA WELLS, R A OC
(8 Week Class - Starts 6/11/2014, Ends 8/1/2014 )

BIOLOGY 185—DIRECTED STUDY - BIOLOGY (CSU) - 1 UNIT
Note: Enrollment by add card only. Contact Dr. Raymond Wells at pcmsusa@hotmail.com or by telephone at (818) 710-4285.
7662 2-Hrs, 20 min TBA WELLS, R A OC
BIOLOGY 285—DIRECTED STUDY - BIOLOGY (CSU) - 2 UNITS
Note: Enrollment by add card only. Contact Dr. Raymond Wells at pcmusa@hotmail.com or by telephone at (818) 710-4285.

<table>
<thead>
<tr>
<th>Section</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Department</th>
</tr>
</thead>
<tbody>
<tr>
<td>7663</td>
<td>TBA</td>
<td>5-Hrs, 5 min</td>
<td>WELLS, R A</td>
<td>OC</td>
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BIOLOGY 385—DIRECTED STUDY - BIOLOGY (CSU) - 3 UNITS
Note: Enrollment by add card only. Contact Dr. Raymond Wells at pcmusa@hotmail.com or by telephone at (818) 710-4285.

<table>
<thead>
<tr>
<th>Section</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Department</th>
</tr>
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<tbody>
<tr>
<td>7664</td>
<td>TBA</td>
<td>7-Hrs, 25 min</td>
<td>WELLS, R A</td>
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</table>

BUSINESS

Business Administration Department Chair: David Braun.
Phone: 719-6479. Office: BUS 3213-C.
Faculty Advisor: David Braun.

BUSINESS 1—INTRODUCTION TO BUSINESS (UC:CSU) - 3 UNITS

<table>
<thead>
<tr>
<th>Section</th>
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<tr>
<td>1514</td>
<td>MTWTh</td>
<td>9:35 am - 11:00 am</td>
<td>KARAMIAN, M</td>
<td>BUS 3218</td>
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<tr>
<td>1515</td>
<td>MTWTh</td>
<td>11:10 am - 12:35 pm</td>
<td>KARAMIAN, M</td>
<td>BUS 3218</td>
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Evening Classes

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<tr>
<td>3511</td>
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<td>7:00 pm - 8:25 pm</td>
<td>SKIDMORE, R D</td>
<td>BUS 3208</td>
</tr>
</tbody>
</table>

BUSINESS – BUSINESS LAW

Business Administration Department Chair: David Braun.
Phone: 719-6479. Office: BUS 3213-C.
Faculty Advisor: David Braun.

BUSINESS 5—BUSINESS LAW I (UC:CSU) - 3 UNITS

<table>
<thead>
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<td>NASSER, D M</td>
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<tr>
<td>1517</td>
<td>MTWTh</td>
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Evening Classes

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<td>3512</td>
<td>MTWTh</td>
<td>7:00 pm - 8:25 pm</td>
<td>LOPEZ, V S</td>
<td>BUS 3218</td>
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</tbody>
</table>

BUSINESS - REAL ESTATE

Business Administration Department Chair: David Braun.
Phone: 719-6479. Office: BUS 3213-C.
Faculty Advisor: David Braun.

REAL ESTATE 1—REAL ESTATE PRINCIPLES (CSU) - 3 UNITS

Evening Classes

<table>
<thead>
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<th>Section</th>
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<tr>
<td>3513</td>
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<td>7:00 pm - 8:25 pm</td>
<td>MOREHOUSE, T J</td>
<td>BUS 3217</td>
</tr>
</tbody>
</table>

CHEMISTRY

Chemistry Department Chair: Isidore Goodman.
Phone: 719-6464. Office: CFS 91041. E-mail: goodmaii@piercecollege.edu
Faculty Advisor: Isidore Goodman.

English Proficiency Requirement

It is recommended that students whose native language is other than English be enrolled in ESL 87 before enrolling in Chemistry Laboratory courses. Chemistry courses require good reading and writing skills. It is recommended that students be enrolled in or eligible for English 28 or higher before enrolling in any chemistry course.

CHEMISTRY 60—INTRODUCTION TO GENERAL CHEMISTRY (UC:CSU) - 5 UNITS

Prerequisite: Math 115 with a grade of "C" or better, or equivalent skill level demonstrated through the mathematics placement process.

PROOF OF ELIGIBILITY MUST BE BROUGHT TO THE COUNSELING OFFICE.

An introductory course for science majors who have not taken a previous chemistry course or who need a refresher course. This course serves to prepare students for Chemistry 101.

<table>
<thead>
<tr>
<th>Section</th>
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<th>Time</th>
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<th>Department</th>
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<tr>
<td>8506</td>
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<td>8:00 am - 9:25 am</td>
<td>WALKER WAUGH,</td>
<td>CFS 91126</td>
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<tr>
<td>Lab</td>
<td>9:45 am - 10:50 am</td>
<td>T Th</td>
<td>WALKER WAUGH,</td>
<td>CFS 92026</td>
</tr>
<tr>
<td>Lab</td>
<td>9:45 am - 12:50 pm</td>
<td>M W</td>
<td>STANTON, G</td>
<td>CFS 92020</td>
</tr>
</tbody>
</table>
CHEMISTRY 101—GENERAL CHEMISTRY I (UC:CSU) - 5 UNITS
(CSU GE AREA B1 + B3 • IGETC AREA 5A + 5C)
Prerequisites: Chemistry 60 or its equivalent with a grade of “C” or better; Math 125 with a grade of “C” or better.

PROOF OF ELIGIBILITY MUST BE BROUGHT TO THE COUNSELING OFFICE.

CHEMISTRY 101 PREPAREDNESS
Chemistry 101 is a challenging class that assumes some prior chemistry knowledge and laboratory experience in order to be successful. If a student doesn’t have such experience it is strongly recommended that they pass Chemistry 60 before attempting Chemistry 101.

Should a student want to challenge this recommendation they would need to completely fill out a Prerequisite Challenge Form. The form can be obtained at http://www.piercecollege.edu/offices/assessment_center/media/pdf/prerequisite.pdf and should be submitted to the Assessment Center, located in the Student Services Building. Upon receiving the form, the Chemistry Department Chair will make an evaluation and contact the student by email. A readiness test may be administered to determine the student’s preparedness for Chemistry 101. The student should plan to submit the Prerequisite Challenge Form at least a month prior to the date they wish to register for the class.

More information can be obtained by emailing the Department Chair, Dr. Izzy Goodman at goodmail@piercecollege.edu.

CHEMISTRY 102—GENERAL CHEMISTRY II (UC:CSU) - 5 UNITS
(CSU GE AREA B1 + B3 • IGETC AREA 5A + 5C)
Prerequisite: Chemistry 101 or its equivalent with a grade of “C” or better.

PROOF OF ELIGIBILITY MUST BE BROUGHT TO THE COUNSELING OFFICE.

CHIL DEVELOPMENT
Child Development Department Chair: Joleen Voss-Rodriguez.

CINEMA
Media Arts Department Chair: Jill Connelly.
Phone: 710-4235. Office: Village 8100. E-mail: conneljp@piercecollege.edu
Faculty Advisor: Jill Connelly.

CINEMA 3—HISTORY OF MOTION PICTURES (UC:CSU) - 3 UNITS
(CSU GE AREA C1 • IGETC AREA 3A)
COMPUTER APPLICATIONS OFFICE TECHNOLOGIES

Computer Applications and Office Technologies Department Chair: Lyn Clark.
Phone: 710-4244. Office: BUS 3210C.
Faculty Advisor: Lyn Clark.

Knowledge of English is necessary for the completion of classes in the Computer Applications and Office Technologies Department.
STUDENTS WHO FAIL TO ATTEND THE FIRST CLASS MEETING MAY FORFEIT THEIR PLACE IN CLASS.

COMPUTER APPLICATIONS OFFICE TECHNOLOGIES 32—BUSINESS COMMUNICATIONS (CSU) - 3 UNITS

Prerequisite: CAOT 31 or English 28 or English 101 with a grade of “C” or better.

Note: Course required of all CAOT and Business majors.

Develops the ability to write effective business memorandums, letters, e-mail messages, employment documents, and short reports. Stresses the problem-solving approach to create messages that inform, persuade, and convey negative news. Emphasizes the concepts of effective writing style such as organization, coherence, and unity as well as the principles of grammar and punctuation in written business documents.

Ability to type recommended.

1521 Lec 9:35 am -11:00 am MTWTh PERRET, J D BUS 3216

COMPUTER APPLICATIONS OFFICE TECHNOLOGIES 82—MICROCOMPUTER SOFTWARE SURVEY IN THE OFFICE (CSU) - 3 UNITS

(MICROSOFT OFFICE 2013: WORD, EXCEL, ACCESS, POWERPOINT, AND WINDOWS 7)

Introduces student to the use of the personal computer and commercially available software (Microsoft Office) that is used universally—in business, in education, in government, and for personal applications. Course provides hands-on introduction to personal computers and Windows as well as word processing, database, spreadsheet, graphics, and presentation software. Student gains basic knowledge necessary to interact with the computer. No previous computer operating experience required, although ability to type is recommended.

1522 Lec 11:10 am -12:15 pm MTWTh PERRET, J D BUS 3216
Lab 12:15 pm - 1:40 pm MTWTh PERRET, J D BUS 3216

COMPUTER SCIENCE-INFORMATION TECHNOLOGY

Computer Science Department Chair: David Schamus.
Phone: 710-4393. Office: COSC 1503. Email: schamudp@piercecollege.edu.
Faculty Advisor: Sue Krinn. Phone: 710-4314. Office: COSC 1500. Email: krimmsg@piercecollege.edu.

STUDENTS WHO FAIL TO ATTEND THE FIRST CLASS MEETING MAY FORFEIT THEIR PLACE IN THE CLASS.

CSIT students may print out CSIT assignments at home or if you print out CSIT assignments in the CSIT lab you will be required to pay a $5.00 instructional materials printing fee. Your instructor will clarify your printing options.

COMPUTER SCIENCE-INFORMATION TECHNOLOGY 501—INTRODUCTION TO COMPUTERS AND THEIR USES (UC:CSU) - 3 UNITS

An introduction to the uses, concepts, techniques and terminology of computing. Provides college-level and workplace skills in word processing (Word), spreadsheets (Excel) and presentation graphics (PowerPoint) using Office 2010. Throughout the semester students will be taught how to use the Internet to access course materials and complete Internet-based assignments, which may be completed at home or in the CSIT labs.

1523 Lec 9:00 am -12:10 pm M W TONTSCHE, J W COSC 1502
Lab 12:10 pm - 1:15 pm M W TONTSCHE, J W COSC 1505
1524 Lec 9:00 am -12:10 pm T Th KRAMM, S G COSC 1502
Lab 12:10 pm - 1:15 pm T Th KRAMM, S G COSC 1505

COMPUTER SCIENCE-INFORMATION TECHNOLOGY 572—INTRODUCTION TO PERSONAL COMPUTER HARDWARE OPERATING SYSTEMS (CSU) - 3 UNITS

Learn to maintain, upgrade, and repair your personal computer.

Note: This is the FIRST of two classes to prepare students for A+ certification.

1525 Lec 9:00 am -11:05 am M W MURPHY, J H COSC 1504
Lab 11:05 am - 1:10 pm M W MURPHY, J H COSC 1504

COMPUTER SCIENCE-INFORMATION TECHNOLOGY 575—PROGRAMMING FUNDAMENTALS FOR COMPUTER SCIENCE (UC:CSU) - 3 UNITS

Advisory: Mathematics 115 (or one year of high school algebra) with a grade of “C” or better.

Note: This is a FIRST semester programming course.

Required of Computer Science Majors. Desirable for students wishing to study programming. Covers procedural C++ and the logic underlying computer program development.

1526 Lec 9:00 am -12:10 pm T Th HART, R R COSC 1511
Lab 12:10 pm - 1:15 pm T Th HART, R R COSC 1507

COMPUTER SCIENCE-INFORMATION TECHNOLOGY 587—INTRODUCTION TO COMPUTER NETWORKS (CSU) - 3 UNITS

Prerequisite: Computer Science 572, which may be taken concurrently with this class.

Note: Network terminology; topology; introduction to the OSI model; protocols, standards and concepts are discussed. Local and wide-area networks are analyzed. Lab activities are concerned with an examination of existing LAN/WAN hardware and software, and research projects on relevant network topics. (Cisco Network Academy CCNA 1)

1527 Lec 9:00 am -11:05 am T Th WEATHERSBY, A E COSC 1508
Lab 11:05 am - 1:10 pm T Th WEATHERSBY, A E COSC 1508
ELECTRONICS

Industrial Technology Department Chair: Tom Fortune.
Phone: 710-4320. Office: IT 3642.
Faculty Advisor: Ken Sharpe. Phone: 719-6480. Office: VLGE 8110.

ELECTRONICS 4A—FUNDAMENTALS OF ELECTRONICS I (CSU) - 3 UNITS
Advisory: Concurrent enrollment in Electronics 4B recommended.
Evening Classes
3515 Lec 6:00 pm - 9:10 pm M W KOPITZ, M J VLGE 8109

ELECTRONICS 4B—FUNDAMENTALS OF ELECTRONICS I (CSU) - 1 UNIT
Advisory: Concurrent enrollment in Electronics 4A recommended.
Evening Classes
3516 Lab 6:00 pm - 9:20 pm T Th STURLA, R A VLGE 8109

ENGINEERING GRAPHICS & DESIGN

Industrial Technology Department Chair: Tom Fortune.
Phone: 710-4320. Office: IT 3642.
Faculty Advisor: Elizabeth Cheung.
Phone: 710-4427. Office: AT 3803. Email: cheungep@piercecollege.edu

ENGINEERING GRAPHICS & DESIGN 101—ENGINEERING GRAPHICS (UC:CSU) - 3 UNITS
Prerequisite: Mathematics 110 with a grade of "C" or better, or appropriate skill level demonstrated through the Mathematics placement process.
Evening Classes
3517 Lec 6:00 pm - 8:05 pm M W VAZQUEZ, B AT 3804
Lab 8:05 pm -10:10 pm M W VAZQUEZ, B AT 3804

ENGLISH

English Department Chair: Donna Accardo. Phone: 719-6472. Office: FO 2501.
Faculty Advisor: Donna Accardo.

SEQUENCE OF ENGLISH COMPOSITION COURSES
The English department offers a sequence of classes designed to coincide with students' reading and writing ability on entering college.
ENGLISH 21
This English fundamentals course concentrates on improvement of writing skills, particularly sentences and paragraphs, and reviews the basics of punctuation, spelling and sentence structure.
ENGLISH 28
This is the course designed to assist the student to make a successful transition to English 101. It emphasizes grammar, sentence structure, paragraph and essay writing.
ENGLISH 101
This is the composition course required for students who plan to transfer to a four year college. It emphasizes expository reading and essay writing, research techniques and semantics. Students in English 101 are expected to write well-organized, grammatically correct compositions of 700 words and more.

ENGLISH PLACEMENT PROCESS
The results of the English Placement Process or a valid English Enrollment Authorization Form must be on file in order to enroll in English 21, 28, English 82, 84-87, or English 101, 102, 103.
All students planning to enroll in an English course for the first time are expected to complete the English Placement Process at the Pierce College Assessment Center (Student Services Building). Visit the Assessment Center website to make an appointment and obtain sample test information. Placement results or prerequisite courses taken at other colleges may be presented to the Counseling Office to be substituted for the Pierce English Placement Process.
Upon completing the process, students are advised of their placement and given an authorization to enroll in that course. Students seeking an explanation of their scores or authorization to enroll in a course other than that in which they have been placed must meet with an English Department advisor.
Students need to provide evidence of prerequisite completion either through coursework in the Los Angeles Community College District, by completing the Pierce College English Placement Process, or through transcripts from other schools presented at the Counseling Office.

STUDENTS WHO FAIL TO ATTEND THE FIRST CLASS MEETING MAY FORFEIT THEIR PLACE IN THE CLASS.

ENGLISH 21—ENGLISH FUNDAMENTALS (NDA) - 3 UNITS
Prerequisite: English 87 with a grade of "C" or better, or appropriate skill level demonstrated through the English Placement Process.

These classes are part of a Summer Bridge Learning Community. English class must be paired with Personal Development 40. Enrollment by add card only. For more information, please go to www.piercecollege.edu/sumbridge.
1541 8:00 am - 9:25 am MTWTh GONZALEZ, D P BUS 3201
1542 8:00 am - 9:25 am MTWTh BROWN, J P BUS 3203
1543 8:00 am - 9:25 am MTWTh CORNING, C W BUS 3208

8-WEEK SESSION June 16 - August 9 8
<table>
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<td>ENGLISH 20—INTERMEDIATE READING AND COMPOSITION - 3 UNITS</td>
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<td>MTWTh</td>
<td>LAWLER, K A</td>
<td>VLGE 8405</td>
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<td></td>
<td>8:00 am - 9:25 am</td>
<td>MTWTh</td>
<td>RAUCH, P S</td>
<td>BEH 1308</td>
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<td>8:00 am - 9:25 am</td>
<td>MTWTh</td>
<td>LACE, N V</td>
<td>MATH 1413</td>
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<td></td>
<td>10:00 am - 11:25 am</td>
<td>MTWTh</td>
<td>LACE, N V</td>
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<td>MTWTh</td>
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<td>BUS 3201 (ADDED)</td>
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**ENVIRONMENTAL SCIENCE**

Physics and Planetary Sciences Department Chair: Lee C. Loveridge.
Phone: 710-2541. Office: CFS 91040.
Email: loverilc@piercecollege.edu
Faculty Advisor: Craig Meyer. Phone: 710-4241. Office: VLGE 8320.
Email: MeyerWC@piercecollege.edu

**GEOGRAPHY**

Anthropological & Geographical Sciences Department Chair: Adrian Youhanna.
Phone: 710-2940. Office: FO 2904.
Faculty Advisor: Adrian Youhanna. Phone: 710-2940. Office: FO 2904.

**HEALTH**

Physical Education Department Chair: Shilo Nelson.
Phone: 710-2524. Office: NGYM 5614C.
Faculty Advisor: Diane Kelly.

**INDUSTRIAL TECHNOLOGY**

Industrial Technology Department Chair: Tom Fortune
Phone: 710-4320. Office: IT 3642.
Classes taught by the Industrial Technology Department are listed alphabetically in the class schedule.
KINESIOLOGY

Physical Education Department Chair: Shilo Nelson.  
Phone: 710-2524. Office: NGYM 5614C.  

KINESIOLOGY 229—BODY CONDITIONING SKILLS (UC:CSU) - 1 UNIT  
(CSU GE AREA E)  
(Formerly PHYS ED 228)  
Walk, Jog or Run  
2504  7:00 am - 9:05 am  M W  MCCLUNG, M L  NGYM 5603  
Fitness Conditioning  
2505  11:10 am - 1:15 pm  M W  SABOLIC, J P  SGYM 5402  

KINESIOLOGY 289—SOCCER SKILLS (UC:CSU) - 1 UNIT  
(CSU GE AREA E)  
(Formerly PHYS ED 313)  
Note: Field is behind South Gym. First class meeting will be in MATH 1414.  
ALL LEVELS  
2506  8:00 am - 9:05 am  MTWTh  DOMPE, R F  FIELD  

KINESIOLOGY ATHLETICS  

Athletic Director: Robert Lofrano.  
Phone: 710-2823. Office: South Gym.  

KINESIOLOGY ATHLETICS 552—INTERCOLLEGIATE SPORTS-CONDITIONING & SKILLS TRAINING (UC:CSU) - RPT 3 - 1 UNIT  
(CSU GE AREA E)  
(Athletics Only)  
(FOOTBALL ONLY)  
2501  12:45 pm - 2:10 pm  MTWTh  BUSHART, J W  FIELD  
2502  12:45 pm - 2:10 pm  MTWTh  PEREZ, A G  FIELD  
2507  2:00 pm - 3:25 pm  MTWTh  PEREZ, A G  FIELD  
2503  12:45 pm - 2:10 pm  MTWTh  MARTINEZ, E  STADIUM  
(FOOTBALL ONLY)  
2501  6:00 pm - 7:25 pm  MTWTh  MARTINEZ, E  STADIUM  

MACHINE SHOP - CNC  

Industrial Technology Department Chair: Tom Fortune.  
Phone: 710-4320. Office: IT 3642.  
Faculty Advisor: R.D. Smetzer.  
Phone: 719-6490. Office: IT 3646.  
Affiliated with the Society of Manufacturing Engineers and the National Tool and Machine Association.  
NOTE: PERSONAL AND SAFETY EQUIPMENT REQUIRED FOR ALL MACHINE SHOP-CNC CLASSES.  
NOTE: STUDENTS MAY BE REQUIRED TO PROVIDE INSTRUCTIONAL MATERIALS TO COMPLETE CLASS ASSIGNMENTS.  
Note: Recommended entry-level sequence for employment: Industrial Technology 105, 130, 140.  

INDUSTRIAL TECHNOLOGY 140—FUNDAMENTALS OF CNC TECHNOLOGY (CSU) - 3 UNITS  
Evening Classes  
5501  Lec  7:00 pm - 9:05 pm  M  SMETZER, R D  IT 3644  (CANCELLED)  
Lab  9:20 pm - 10:10 pm  M  SMETZER, R D  AT 3808  
And  7:00 pm - 10:10 pm  TWTh  SMETZER, R D  AT 3808  

INDUSTRIAL TECHNOLOGY 444—PROJECTS LABORATORY—CNC LATHE PROGRAMMING (CSU) - 3 UNITS  
Advisory: Completion of Industrial Technology 244.  
Evening Classes  
5502  Lec  7:00 pm - 9:05 pm  M  SMETZER, R D  IT 3644  (CANCELLED)  
Lab  9:20 pm - 10:10 pm  M  SMETZER, R D  AT 3808
**INDUSTRIAL TECHNOLOGY 448—PROJECTS LABORATORY—CNC MILL PROGRAMMING (CSU) - 3 UNITS**
Advisory: Completion of Industrial Technology 248.

**Evening Classes**
- **5503** Lec 7:00 pm - 9:05 pm M W R D SMETZER, R D IT 3644 (CANCELLED)
- Lab 9:20 pm - 10:10 pm M W R D SMETZER, R D IT 3643
- And 7:00 pm - 10:10 pm TWTh R D SMETZER, R D IT 3643

**MULTIMEDIA**

Media Arts Department Chair: Jill Connelly.
Phone: 710-4235. Office: Village 8100. E-mail: conneljp@piercecollege.edu.
Faculty Advisor: Jill Connelly.

**MULTIMEDIA 805—MOTION GRAPHICS AND COMPOSITING FOR DIGITAL VIDEO, ANIMATION, GAMING AND NEW MEDIA (UC:CSU) - 3 UNITS**

**Evening Classes**
- **3521** Lec 5:25 pm - 7:30 pm M W R D WILKINS, C L VLGE 8300
- Lab 7:35 pm - 9:40 pm M W R D WILKINS, C L VLGE 8300

**MUSIC**

Music Department Chair: Wayne Perkins.
Phone: 719-6476. Office: MUS 3416A.
Faculty Advisor: Wayne Perkins.

Additional repeats of some courses permitted for Music major students. See department advisor.

**MUSIC 101—FUNDAMENTALS OF MUSIC (UC:CSU) - 3 UNITS**

**Evening Classes**
- **3525** 7:00 pm - 10:10 pm M W R D BROSTOFF, N MUS 3424

**NURSING**

Nursing Department Chair: Joan Schneider.
Phone: 719-6477. Office: Center for Sciences - CFS 91029.
*Please consult college catalog/website for application/selection process and admission criteria.

**NURSING 401—CLIENT CARE SEMINAR I (CSU) - 1 UNIT**
**Prerequisite:** Concurrent enrollment in the first semester of the Nursing Program.
Note: This class is offered on a pass/no-pass basis only.
- **1531** 9:00 am - 11:05 am T W R D LEMUS, B F CFS 91016 (CANCELLED)
- And 9:00 am - 11:05 am T W R D TIU, C R CFS 91016

**NURSING 444—CLIENT CARE SEMINAR III (CSU) - 1 UNIT**
**Prerequisite:** Concurrent enrollment in the third semester of the Nursing Program.
Note: This class is offered on a pass/no-pass basis only.
- **1532** 9:00 am - 11:05 am Th W R D MORAN, M R CFS 91016 (CANCELLED)
- And 9:00 am - 11:05 am Th W R D HAMILTON, C CFS 91016

**PACE PROGRAM**

PACE Program Director: Dr. Art Gillis.
Phone: 719-6485. Office: VLGE 8340.
Enrollment in the following classes is limited to PACE students only. For information about the PACE program and learn about PACE orientation dates follow this link to the PACE webpage: www.piercecollege.edu/departments/pace/.

**ART 111—HISTORY OF CONTEMPORARY ART (UC:CSU) - 3 UNITS**
**(CSU GE AREA C1 • IGETC AREA 3A)**
This course is part of the General Education Aesthetics and Culture Path option for transfer to CSUN. See http://faculty.piercecollege.edu/gepaths for further information.
Covers major trends in art from 1900 to present day.

**Evening Classes**
- **4901** 6:00 pm - 8:00 pm T W R D COLE, J BEH 1308
- And 8:00 pm - 12:00 pm Sat W R D COLE, J ART 3300
- And 20 min TBA V R D COLE, J INTERNET
- **4902** 6:00 pm - 8:00 pm W R D COLE, J MUS 3400 (CANCELLED)
BUSINESS 5—BUSINESS LAW I (UC:CSU) - 3 UNITS

COMUNICATION STUDIES 101—ORAL COMMUNICATION I (UC:CSU) - 3 UNITS

COMMUNICATION STUDIES 101—ORAL COMMUNICATION I (UC:CSU) - 3 UNITS

(Formerly Speech 101)
Advisory: Eligibility for English 28.

HISTORY 1—INTRODUCTION TO WESTERN CIVILIZATION I (UC:CSU) - 3 UNITS

HISTORY 13—THE UNITED STATES IN THE TWENTIETH CENTURY (UC:CSU) - 3 UNITS

(UC GE AREA D • IGETC AREA 4 • SATISFIES CSU AMERICAN IDEALS GRADUATION REQUIREMENT US-1)

POLITICAL SCIENCE 1—THE GOVERNMENT OF THE UNITED STATES (UC:CSU) - 3 UNITS

(UC GE AREA D • IGETC AREA 4 • SATISFIES CSU AMERICAN IDEALS GRADUATION REQUIREMENT US-2 & US-3)

PERSONAL DEVELOPMENT

PERSONAL DEVELOPMENT 40—COLLEGE SUCCESS SEMINAR (UC:CSU) - 3 UNITS

(UC GE AREA E)
Note: UC gives credit for Personal Development 40 or 20, not both.

This is a distance education online course. No on-campus meetings required. Visit the instructor's web site at https://sites.google.com/site/rodriguezp40/ for more course information.
This is a distance education online course. No on-campus meetings required. E-mail the instructor at mita_noor@yahoo.com as soon as you register.

These classes are part of a Summer Bridge Learning Community. Personal Development 40 must be paired with an English class. Enrollment by add card only. For more information, please go to www.piercecollege.edu/sumbridge/.
**PSYCHOLOGY**

Prerequisite: Math 240 or equivalent. (Competence in algebra and geometry is presumed.)

PROOF OF ELIGIBILITY MUST BE BROUGHT TO THE COUNSELING OFFICE.

<table>
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<td>1534</td>
<td>Lec</td>
<td>11:10 am - 2:20 pm</td>
<td>M W</td>
<td>MEYER, M D</td>
<td>CFS 92035</td>
</tr>
<tr>
<td></td>
<td>Lab</td>
<td>11:10 am - 2:20 pm</td>
<td>T Th</td>
<td>MEYER, M D</td>
<td>CFS 92035</td>
</tr>
</tbody>
</table>

**PHYSICS 101—PHYSICS FOR ENGINEERS AND SCIENTISTS I (UC:CSU) - 5 UNITS**

(CSU GE AREA B1 + B3 • IGETC AREA 5A + 5C)

Note: Physics 101 replaces Physics 37.

Prerequisites: Math 261 (Calculus I) or equivalent.

(Competence in algebra, geometry and trigonometry is presumed.)

Corequisite: Mathematics 262 (Calculus II) must be taken concurrently.

PROOF OF ELIGIBILITY MUST BE BROUGHT TO THE COUNSELING OFFICE.

<table>
<thead>
<tr>
<th>Code</th>
<th>Type</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Catalog</th>
</tr>
</thead>
<tbody>
<tr>
<td>1535</td>
<td>Lec</td>
<td>12:45 pm - 2:10 pm</td>
<td>MTWTh</td>
<td>WESSLING, M E</td>
<td>CFS 92033</td>
</tr>
<tr>
<td></td>
<td>Lab</td>
<td>2:20 pm - 3:45 pm</td>
<td>MTWTh</td>
<td>WESSLING, M E</td>
<td>CFS 92033</td>
</tr>
<tr>
<td></td>
<td>And</td>
<td>3:55 pm - 5:20 pm</td>
<td>MTWTh</td>
<td>LOVERIDGE, L C</td>
<td>CFS 92033</td>
</tr>
</tbody>
</table>

**PHYSICS 185—DIRECTED STUDY—PHYSICS (CSU) - 1 UNIT**

Students study Physics on a contract basis under the direction of a supervising instructor.

Note: Enrollment by add card only.

8521  2-Hrs, 5 min  TBA  WESSLING, M E  CFS 92033  (ADDED)

**POLITICAL SCIENCE**

Political Science/Economics/Criminal Justice Department Chair: Kathy Oborn.

Phone: 710-2587. Office: Library Room 1.

Faculty Advisor: Kassem Nabulsi.

**POLITICAL SCIENCE 1—THE GOVERNMENT OF THE UNITED STATES (UC:CSU) - 3 UNITS**

(CSU GE AREA D • IGETC AREA 4 • SATISFIES CSU AMERICAN IDEALS GRADUATION REQUIREMENT US-2 & US-3)

<table>
<thead>
<tr>
<th>Code</th>
<th>Time</th>
<th>Instructor</th>
<th>Catalog</th>
</tr>
</thead>
<tbody>
<tr>
<td>0954</td>
<td>6-Hrs, 30 min</td>
<td>TBA GABRIELLI, A C  INTERNET</td>
<td></td>
</tr>
<tr>
<td>0955</td>
<td>6-Hrs, 30 min</td>
<td>TBA GABRIELLI, A C  INTERNET</td>
<td></td>
</tr>
</tbody>
</table>

This class is completely online. Enrolled students are required to email the professor at gabrielac@piercecollege.edu no later than 8:00 p.m. on the first day of the summer session to confirm their attendance in the course. Failure to do so will result in exclusion from the course. Students interested in adding must send an email on the FIRST DAY of the summer session to the instructor at gabrielac@piercecollege.edu to receive information on the add process.

This class is completely online. Enrolled students are required to email the professor at gabrielac@piercecollege.edu no later than 8:00 p.m. on the first day of the summer session to confirm their attendance in the course. Failure to do so will result in exclusion from the course. Students interested in adding must send an email on the FIRST DAY of the summer session to the instructor at gabrielac@piercecollege.edu to receive information on the add process.

**PSYCHOLOGY**

Psychology Department Chair: Chadwick J. Snow, Ph.D.

Phone: (818) 710-4315. Office: BEH 1306C.

Email: snowcj@piercecollege.edu.

Faculty Advisor: Chadwick J. Snow, Ph.D. Phone: (818) 710-4315.

Note: The following courses may be taken before Psychology 1, especially by students who are not yet eligible for English 28 or higher: Psychology 3, 6, 16, 40 and 60.

**PSYCHOLOGY 1—GENERAL PSYCHOLOGY I (UC:CSU) - 3 UNITS**

(CSU GE AREA D • IGETC AREA 4)

Advisory: Eligibility for English 28 or higher.

Required for psychology majors.

<table>
<thead>
<tr>
<th>Code</th>
<th>Time</th>
<th>Instructor</th>
<th>Catalog</th>
</tr>
</thead>
<tbody>
<tr>
<td>0956</td>
<td>6-Hrs, 30 min</td>
<td>TBA TRAVIS, G K  INTERNET</td>
<td></td>
</tr>
<tr>
<td>0957</td>
<td>6-Hrs, 30 min</td>
<td>TBA TRAVIS, G K  INTERNET</td>
<td></td>
</tr>
</tbody>
</table>

This is an on-line course. Class will have an optional meeting on the first day of classes from 12:00-1:00 p.m. in BEH 1306. All students MUST access the instructor’s web page for syllabus, instructions, information and updates before and during the start of the semester. See the instructor's home page at http://faculty.piercecollege.edu/travisgk/.

**WELDING**

Industrial Technology Department Chair: Tom Fortune.
INDUSTRIAL TECHNOLOGY 161—OXY-ACETYLENE WELDING I - 3 UNITS
Evening Classes
<table>
<thead>
<tr>
<th>Class</th>
<th>Lec</th>
<th>5:45 pm - 6:15 pm MTWTh</th>
<th>KORCHMAREV, E</th>
<th>AT 3805</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lab</td>
<td>6:15 pm - 8:45 pm MTWTh</td>
<td>KORCHMAREV, E</td>
<td>AT 3805</td>
<td></td>
</tr>
</tbody>
</table>

INDUSTRIAL TECHNOLOGY 162—OXY-ACETYLENE WELDING II - 3 UNITS
Evening Classes
<table>
<thead>
<tr>
<th>Class</th>
<th>Lec</th>
<th>5:45 pm - 6:15 pm MTWTh</th>
<th>KORCHMAREV, E</th>
<th>AT 3805</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lab</td>
<td>6:15 pm - 8:45 pm MTWTh</td>
<td>KORCHMAREV, E</td>
<td>AT 3805</td>
<td></td>
</tr>
</tbody>
</table>

INDUSTRIAL TECHNOLOGY 261—ARC WELDING I - 3 UNITS
Prerequisite: Industrial Technology 161.
Evening Classes
<table>
<thead>
<tr>
<th>Class</th>
<th>Lec</th>
<th>5:45 pm - 6:15 pm MTWTh</th>
<th>KORCHMAREV, E</th>
<th>AT 3805</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lab</td>
<td>6:15 pm - 8:45 pm MTWTh</td>
<td>KORCHMAREV, E</td>
<td>AT 3805</td>
<td></td>
</tr>
</tbody>
</table>

INDUSTRIAL TECHNOLOGY 262—ARC WELDING II - 3 UNITS
Prerequisite: Industrial Technology 261.
Evening Classes
<table>
<thead>
<tr>
<th>Class</th>
<th>Lec</th>
<th>5:45 pm - 6:15 pm MTWTh</th>
<th>KORCHMAREV, E</th>
<th>AT 3805</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lab</td>
<td>6:15 pm - 8:45 pm MTWTh</td>
<td>KORCHMAREV, E</td>
<td>AT 3805</td>
<td></td>
</tr>
</tbody>
</table>

INDUSTRIAL TECHNOLOGY 361—INERT GAS ARC WELDING I - 3 UNITS
Prerequisite: Industrial Technology 261 and 262.
Evening Classes
<table>
<thead>
<tr>
<th>Class</th>
<th>Lec</th>
<th>5:45 pm - 6:15 pm MTWTh</th>
<th>KORCHMAREV, E</th>
<th>AT 3805</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lab</td>
<td>6:15 pm - 8:45 pm MTWTh</td>
<td>KORCHMAREV, E</td>
<td>AT 3805</td>
<td></td>
</tr>
</tbody>
</table>

INDUSTRIAL TECHNOLOGY 362—INERT GAS ARC WELDING II - 3 UNITS
Prerequisite: Industrial Technology 162, 262, and 361.
Evening Classes
<table>
<thead>
<tr>
<th>Class</th>
<th>Lec</th>
<th>5:45 pm - 6:15 pm MTWTh</th>
<th>KORCHMAREV, E</th>
<th>AT 3805</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lab</td>
<td>6:15 pm - 8:45 pm MTWTh</td>
<td>KORCHMAREV, E</td>
<td>AT 3805</td>
<td></td>
</tr>
</tbody>
</table>

INDUSTRIAL TECHNOLOGY 385—DIRECTED STUDY - INDUSTRIAL TECHNOLOGY (CSU) - 3 UNITS
Allows students to pursue Directed Study in Industrial Technology on a contract basis under the direction of a supervising instructor.
Note: Enrollment by add card only.
Evening Classes
| Class  | 5:45 pm - 7:10 pm MTWTh | KORCHMAREV, E | AT 3805 | (ADDED) |