## How to Read the Schedule of Classes

**CHEMISTRY 101—GENERAL CHEMISTRY I (UC:CSU) 5 UNITS**

(UC:CSU) Ge Area B1 + B3 • IGETC Area 5A + 5C

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

**PROOF OF ELIGIBILITY MUST BE BROUGHT TO THE COUNSELING OFFICE.**

<table>
<thead>
<tr>
<th>Section Number</th>
<th>Time/Day Class Meets</th>
<th>Instructor</th>
<th>Building</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>0851</td>
<td>Lec 8:00-9:25 MW</td>
<td>OGA, G W</td>
<td>CFS 91126</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Lab 12:45-4:50 Th</td>
<td>HAMMON, S B</td>
<td>CFS 92011</td>
<td></td>
</tr>
<tr>
<td></td>
<td>And 11:10-12:15 MW</td>
<td>OGA, G W</td>
<td>CFS 92011</td>
<td></td>
</tr>
<tr>
<td>3458</td>
<td>Lab 5:30-8:00 MW</td>
<td>SOLOFF, L B</td>
<td>CFS 91125</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Lec 8:00-10:10 MW</td>
<td>SOLOFF, L B</td>
<td>CFS 92026</td>
<td></td>
</tr>
</tbody>
</table>

### Evening Classes

**Indicates Classes that begin at 3:30 p.m. or later**

### 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.

**NDA** Non-Degree Applicable. Some courses which are offered for college credit, but which cannot be applied toward graduation requirements for the Associate Degree are designated by the code NDA. (Please refer to the catalog.)

**RPT** Number of times a course may be repeated for credit.

**Time/Day Codes**

**Daily** Meets Monday through Friday.

**TBA** Day and Hours to be arranged. See Instructor

**Prerequisite:** A condition of enrollment that a student is required to meet in order to demonstrate current readiness for enrollment in a course or educational program. You must complete prerequisites before enrolling in a class.

**Corequisite:** A condition of enrollment consisting of a course that a student is required to take simultaneously in order to enroll in another course.

**Advisory:** A condition of enrollment that a student is advised, but not required, to meet before or in conjunction with enrollment in a course or educational program.

### Building Abbreviations

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTH</td>
<td>Anthropology</td>
</tr>
<tr>
<td>ART</td>
<td>Art</td>
</tr>
<tr>
<td>AT</td>
<td>Applied Technology</td>
</tr>
<tr>
<td>BEAUDRY</td>
<td>LAUSD Site (Off Campus)</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>CHKN BARN</td>
<td>Chicken Barn (aka Poultry Unit) (Farm Road)</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>GOAT BARN</td>
<td>Goat Barn (Farm Road)</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>POOL</td>
<td>Swimming Pool</td>
</tr>
<tr>
<td>SGYM</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>
AGRICULTURE - VETERINARY TECHNOLOGY (RVT)

Agriculture Department Chair: Elizabeth White.
Phone: 719-6497. Office: CFS 91043.
Faculty Advisor: Elizabeth White, RVT, 719-6497.

ANIMAL SCIENCE 420—CLINICAL PROCEDURES IN ANIMAL CARE I (CSU) - 2 UNITS
Prerequisite: Animal Science 511 and 512.
Note: This is an advanced level RVT course.
First class meeting: June 13, 2016 at 9:00 a.m. in CFS 91152.

ANIMAL SCIENCE 421—CLINICAL PROCEDURES IN ANIMAL CARE I LABORATORY (CSU) - 1 UNIT
Prerequisite: Animal Science 511 and 512.
Corequisite: Animal Science 420.

ANIMAL SCIENCE 481—CLINICAL EXPERIENCE FOR VETERINARY TECHNICIANS II - 3 UNITS
Prerequisites: Animal Science 420, 421, 435, and 436.

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
(CSU GE AREA B2 + B3 • IGETC AREA 5B + 5C)
Advisory: Completion of Biology 3 or 6 with a grade of ‘C’ or better.

AUTOMOTIVE SERVICE TECHNOLOGY

Industrial Technology Department Chair: Michael Van Dyke.
Phone: 710-2266. Office: IT 3642.
NOTE: PERSONAL AND SAFETY EQUIPMENT REQUIRED FOR ALL AUTOMOTIVE SERVICE TECHNOLOGY CLASSES.

AUTOMOTIVE SERVICE TECHNOLOGY 1—AUTOMOTIVE ENGINES (CSU) - 5 UNITS
Note: A.S.E. CERTIFIED COURSE.

AUTOMOTIVE SERVICE TECHNOLOGY 2—SUSPENSION BRAKES AND POWER SYSTEMS (CSU) - 5 UNITS
Note: A.S.E. CERTIFIED COURSE.
AUTOMOTIVE SERVICE TECHNOLOGY 41—PRECISION LOWER-END ENGINE BLUEPRINTING AND ASSEMBLY - 3 UNITS
Note: Students should enroll in both AST 41 and AST 44.

<table>
<thead>
<tr>
<th>Code</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>4512</td>
<td>8:00 am - 10:10 am</td>
<td>M W</td>
<td>FORTUNE, T A</td>
<td>IT 3640</td>
</tr>
<tr>
<td>Lab</td>
<td>10:10 am - 12:20 pm</td>
<td>M W</td>
<td>FORTUNE, T A</td>
<td>IT 3640</td>
</tr>
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</table>

Evening Classes

<table>
<thead>
<tr>
<th>Code</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>3501</td>
<td>5:30 pm - 7:40 pm</td>
<td>M W</td>
<td>FORTUNE, T A</td>
<td>IT 3640</td>
</tr>
<tr>
<td>Lab</td>
<td>7:50 pm - 10:00 pm</td>
<td>M W</td>
<td>FORTUNE, T A</td>
<td>IT 3640</td>
</tr>
</tbody>
</table>

AUTOMOTIVE SERVICE TECHNOLOGY 44—PRECISION UPPER-END ENGINE ASSEMBLY - 3 UNITS
Note: Students should enroll in both AST 41 and AST 44.

<table>
<thead>
<tr>
<th>Code</th>
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<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>4513</td>
<td>1:10 pm - 3:20 pm</td>
<td>M W</td>
<td>FORTUNE, T A</td>
<td>IT 3640</td>
</tr>
<tr>
<td>Lab</td>
<td>3:20 pm - 5:30 pm</td>
<td>M W</td>
<td>ROOSDAHL, T H</td>
<td>IT 3640</td>
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</tbody>
</table>

Evening Classes

<table>
<thead>
<tr>
<th>Code</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
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<tbody>
<tr>
<td>3502</td>
<td>5:30 pm - 7:35 pm</td>
<td>T Th</td>
<td>FORTUNE, T A</td>
<td>IT 3640</td>
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<tr>
<td>Lab</td>
<td>7:45 pm - 9:50 pm</td>
<td>T Th</td>
<td>ROOSDAHL, T H</td>
<td>IT 3640</td>
</tr>
</tbody>
</table>

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.

BIOLGY 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 headphones to this first laboratory meeting. Headphones are available for purchase in the Student Store.
Note: Lecture and Lab will meet on alternating days.

<table>
<thead>
<tr>
<th>Code</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>8516</td>
<td>9:35 am - 12:50 pm</td>
<td>M W</td>
<td>BEAVERS, J B</td>
<td>CFS 91120</td>
</tr>
<tr>
<td>Lab</td>
<td>9:35 am - 12:50 pm</td>
<td>T Th</td>
<td>COOPER, M A</td>
<td>CFS 91004</td>
</tr>
</tbody>
</table>

CHEMISTRY

Chemistry Department Chair: Sara Harvey.
Phone: 712-2618. Office: CFS 91041. E-mail: harveysm@piercecollege.edu
Faculty Advisor: Sara Harvey.
English Proficiency Recommendation
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 51—FUNDAMENTALS OF CHEMISTRY I (CSU) - 5 UNITS
(CSU GE AREA B1 + B3)
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.
Recommendation: Eligibility for English 28. A basic introduction to the principles of chemistry with emphasis on those important for Nursing, Home Economics, Veterinary Technology, and Allied Health Sciences.

<table>
<thead>
<tr>
<th>Code</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>1521</td>
<td>10:00 am - 12:05 pm</td>
<td>MTWTh</td>
<td>ROESER, K M</td>
<td>CFS 92021</td>
</tr>
<tr>
<td>Lec</td>
<td>1:00 pm - 2:25 pm</td>
<td>MTWTh</td>
<td>ROESER, K M</td>
<td>CFS 91125</td>
</tr>
</tbody>
</table>

CHEMISTRY 60—INTRODUCTION TO GENERAL CHEMISTRY (UC:CSU) - 5 UNITS
(CSU GE AREA B1 + B3 • IGETC AREA 5A + 5C)
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>Code</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>8506</td>
<td>8:00 am - 9:25 am</td>
<td>MTWTh</td>
<td>WALKER WAUGH,</td>
<td>CFS 91126</td>
</tr>
<tr>
<td>Lab</td>
<td>9:35 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>RAUDA, I E</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, or equivalent skill level demonstrated through the mathematics placement process.

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.

Students wishing to take the Chemistry Readiness Challenge Exam should check the assessment center site at http://www.piercecollege.edu/offices/assessment_center/chemex.asp for dates and times. No appointment is necessary and check-in begins approximately 15 minutes prior to the start time at the assessment office located on the first floor of the Student Services Building. Bring your student ID, a pencil and a non-programmable calculator. More information on the exam can be found at the assessment center site above.

Note: The math prerequisite indicated above MUST be met in order to participate in the challenge process. If you have not met the math prerequisite you will not be allowed to take the exam. The challenge exam may only be taken once, so be prepared.

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.

CHEMISTRY 211—ORGANIC CHEMISTRY FOR SCIENCE MAJORS I (UC:CSU) - 5 UNITS
(CSU GE AREA B1 + B3 • IGETC AREA 5A + 5C)
Prerequisite: Chemistry 102 with a grade of 'C' or better.

PROOF OF ELIGIBILITY MUST BE BROUGHT TO THE COUNSELING OFFICE.

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 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.

<table>
<thead>
<tr>
<th>Time</th>
<th>Class</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:45 am - 11:50 am</td>
<td>MTWTh</td>
<td>PERRET, J D</td>
<td>BUS 3252</td>
</tr>
<tr>
<td>11:50 am - 1:15 pm</td>
<td>MTWTh</td>
<td>PERRET, J D</td>
<td>BUS 3252</td>
</tr>
</tbody>
</table>

COMPUTER SCIENCE-INFORMATION TECHNOLOGY

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

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

<table>
<thead>
<tr>
<th>Time</th>
<th>Class</th>
<th>Instructor</th>
<th>Location</th>
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</thead>
<tbody>
<tr>
<td>9:00 am - 11:05 am</td>
<td>MTW</td>
<td>KRIMM, S G</td>
<td>COSC 1504</td>
</tr>
<tr>
<td>9:00 am - 11:05 am</td>
<td>Th</td>
<td>KRIMM, S G</td>
<td>COSC 1505</td>
</tr>
<tr>
<td>10:45 am - 12:10 pm</td>
<td>MTWTh</td>
<td>HART, R R</td>
<td>COSC 1511</td>
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<tr>
<td>12:20 pm - 12:50 pm</td>
<td>MTWTh</td>
<td>HART, R R</td>
<td>COSC 1505</td>
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</table>

COUNSELING

Counseling Department Chair: Rudy Dompe.
Phone: 719-6440. Office: Counseling.

COUNSELING 40—COLLEGE SUCCESS SEMINAR (UC:CSU) - 3 UNITS
(CSU GE AREA E)

Note: UC gives credit for Counseling 40 or 20, not both.

These classes are part of a Summer Bridge Learning Community. Counseling 40 must be paired with an English class. Enrollment by add card only.

For more information, please go to: http://www.piercecollege.edu/students/nsp/summer_bridge.asp

<table>
<thead>
<tr>
<th>Time</th>
<th>Class</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00 am - 9:25 am</td>
<td>MTWTh</td>
<td>COTA, M M</td>
<td>BUS 3217</td>
</tr>
<tr>
<td>8:00 am - 9:25 am</td>
<td>MTWTh</td>
<td>STROther, E E</td>
<td>BUS 3218</td>
</tr>
<tr>
<td>8:00 am - 9:25 am</td>
<td>MTWTh</td>
<td>MARTINEZ DE MURCIA</td>
<td>LLC 5113</td>
</tr>
<tr>
<td>8:00 am - 9:25 am</td>
<td>MTWTh</td>
<td>HERNANDEZ, D M</td>
<td>BUS 3205</td>
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<td>8:00 am - 9:25 am</td>
<td>MTWTh</td>
<td>ROBERSON, J</td>
<td>LLC 5111</td>
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<tr>
<td>10:00 am - 11:25 am</td>
<td>MTWTh</td>
<td>DULAY, B N</td>
<td>LLC 5113</td>
</tr>
<tr>
<td>10:00 am - 11:25 am</td>
<td>MTWTh</td>
<td>MECKLER, W T</td>
<td>BUS 3217</td>
</tr>
<tr>
<td>10:00 am - 11:25 am</td>
<td>MTWTh</td>
<td>ROBERSON, J</td>
<td>LLC 5111</td>
</tr>
<tr>
<td>10:00 am - 11:25 am</td>
<td>MTWTh</td>
<td>PORTILLO, M P</td>
<td>LLC 5114</td>
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<td>10:00 am - 11:25 am</td>
<td>MTWTh</td>
<td>COTA, M M</td>
<td>IT 3641</td>
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<tr>
<td>1:00 pm - 2:25 pm</td>
<td>MTWTh</td>
<td>FELLOWS, M L</td>
<td>LLC 5114</td>
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<tr>
<td>1:00 pm - 2:25 pm</td>
<td>MTWTh</td>
<td>MECKLER, W T</td>
<td>LLC 5111  (CANCELLED)</td>
</tr>
<tr>
<td>3:00 pm - 4:25 pm</td>
<td>MTWTh</td>
<td>SANDOVAL, C</td>
<td>LLC 5113</td>
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<tr>
<td>3:00 pm - 4:25 pm</td>
<td>MTWTh</td>
<td>DULAY, B N</td>
<td>LLC 5114  (CANCELLED)</td>
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<tr>
<td>3:00 pm - 4:25 pm</td>
<td>MTWTh</td>
<td>STAFF</td>
<td>LLC 5111  (CANCELLED)</td>
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</tbody>
</table>
ELECTRONICS

Industrial Technology Department Chair: Michael Van Dyke.
Phone: 710-2266. Office: IT 3642.

ELECTRONICS 4A—FUNDAMENTALS OF ELECTRONICS I (CSU) - 3 UNITS
Advisory: Concurrent enrollment in Electronics 4B recommended.

Evening Classes
3515  Lec  6:00 pm - 9:20 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 - 9:10 pm  T Th  STURLA, R A  VLGE 8109

ENGINEERING GRAPHICS & DESIGN

Industrial Technology Department Chair: Michael Van Dyke.
Phone: 710-2266. 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 - 8:10 pm  M W  VAZQUEZ, B  AT 3804
      Lab  8:10 pm -10:20 pm  M W  VAZQUEZ, B  AT 3804

ENGLISH

English Department Chair: Donna Accardo.
Phone: 710-2879. 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.

PROOF OF ELIGIBILITY MUST BE BROUGHT TO THE COUNSELING OFFICE.

These classes are part of a Summer Bridge Learning Community. English class must be paired with Counseling 40. Enrollment by add card only.

For more information, please go to http://www.piercecollege.edu/students/nsp/summer_bridge.asp.

1541  Lec  8:00 am - 9:30 am  MTWTh  KRAEMER, M A  LLC 5112
### ENGLISH 28—INTERMEDIATE READING AND COMPOSITION - 3 UNITS

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>1542</td>
<td>8:00 am - 9:30 am</td>
<td>MTWTh</td>
<td>RAUCH, P S</td>
<td>ANTH 0102</td>
</tr>
<tr>
<td>1543</td>
<td>8:00 am - 9:30 am</td>
<td>MTWTh</td>
<td>GONZALES, D P</td>
<td>BUS 3201</td>
</tr>
<tr>
<td>1544</td>
<td>8:00 am - 9:30 am</td>
<td>MTWTh</td>
<td>CORNING, C W</td>
<td>BEH 1305</td>
</tr>
<tr>
<td>1545</td>
<td>8:00 am - 9:30 am</td>
<td>MTWTh</td>
<td>SCHILF, M A</td>
<td>BEH 1309</td>
</tr>
<tr>
<td>1546</td>
<td>10:00 am - 11:30 am</td>
<td>MTWTh</td>
<td>RAUCH, P S</td>
<td>LLC 5112</td>
</tr>
</tbody>
</table>

**Prerequisite:** English 21 with a grade of ‘C’ or better, or appropriate skill level demonstrated through the English placement process.

**PROOF OF ELIGIBILITY MUST BE BROUGHT TO THE COUNSELING OFFICE.**

These classes are part of a Summer Bridge Learning Community. English class must be paired with Counseling 40. Enrollment by add card only. For more information, please go to [http://www.piercecollege.edu/students/nsp/summer_bridge.asp](http://www.piercecollege.edu/students/nsp/summer_bridge.asp).

### ENGLISH 101—COLLEGE READING AND COMPOSITION I (UC:CSU) - 3 UNITS

**Prerequisite:** English 28 with a grade of ‘C’ or better, or appropriate skill level demonstrated through the English placement process.

**PROOF OF ELIGIBILITY MUST BE BROUGHT TO THE COUNSELING OFFICE.**

These classes are part of a Summer Bridge Learning Community. English class must be paired with Counseling 40. Enrollment by add card only. For more information, please go to [http://www.piercecollege.edu/students/nsp/summer_bridge.asp](http://www.piercecollege.edu/students/nsp/summer_bridge.asp).

### ENGLISH AS A SECOND LANGUAGE

**English Department Chair:** Donna Accardo.

**Phone:** 710-2879. **Office:** FO 2501.

**Faculty Advisor:** Donna Accardo.

**ENGLISH PLACEMENT PROCESS FOR NON-NATIVE SPEAKERS OF ENGLISH.**

* The basic language of instruction in all schools is English. (Education Code, Article 3, Section 30.)
* Admission to the California Community College is contingent on the ability to profit from the instruction offered.
* If you have not completed a college level course in English, complete the English placement process or the ESL placement process, if appropriate.
* The placement process will place you in the right English class.

### ENGLISH AS A SECOND LANGUAGE 79—BEGINNING COLLEGE ENGLISH AS A SECOND LANGUAGE (NDA) - 6 UNITS

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>1504</td>
<td>1:00 pm - 4:15 pm</td>
<td>MTWTh</td>
<td>JOSEPH, C D</td>
<td>VLGE 8341</td>
</tr>
</tbody>
</table>

### HEALTH OCCUPATIONS

#### HEALTH OCCUPATIONS 62—SKILL SET FOR THE HEALTH CARE PROFESSIONAL – 2 UNITS

**Advisory:** English 21 and Mathematics 105.

**Note:** Enrollment by add card only.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>9552</td>
<td>1:00 pm - 3:20 pm</td>
<td>M</td>
<td>TIU, C R</td>
<td>CFS 91023 (ADDED)</td>
</tr>
<tr>
<td></td>
<td>1:00 pm - 4:10 pm</td>
<td>T Th</td>
<td>MORAN, M K</td>
<td>CFS 91016 (ADDED)</td>
</tr>
<tr>
<td>9553</td>
<td>1:00 pm - 3:05 pm</td>
<td>T</td>
<td>STAFF</td>
<td>CFS 91023 (ADDED)</td>
</tr>
<tr>
<td></td>
<td>1:00 pm - 4:20 pm</td>
<td>M W</td>
<td>STAFF</td>
<td>CFS 91016</td>
</tr>
</tbody>
</table>

#### HEALTH OCCUPATIONS 65—FUNDAMENTALS FOR THE HEALTH CARE PROFESSIONAL – 2.5 UNITS

**Note:** Enrollment by add card only.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>9551</td>
<td>9:35 am - 12:05 pm</td>
<td>T Th</td>
<td>TIU, C R</td>
<td>CFS 91126 (ADDED)</td>
</tr>
</tbody>
</table>

### 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**

8-WEEK SESSION June 13 - August 6

2501 Lab 12:45 pm - 2:10 pm MTWTh WALKER, L W FIELD
2507 Lab 2:00 pm - 3:25 pm MTWTh PEREZ, A G FIELD

Evening Classes

(FOOTBALL ONLY)

2951 Lab 6:00 pm - 7:25 pm MTWTh SABOLIC, J P STADIUM

**KINESIOLOGY MAJOR**

Physical Education Department Chair: Shilo Nelson.
Phone: 710-2524. Office: NGYM 5615.

KINESIOLOGY MAJOR 117—PERSONAL TRAINER INSTRUCTOR (CSU) - 3 UNITS
(WSU GE AREA E)
Note: Enrollment by add card only.

Evening Classes

9554 Lec 5:00 pm - 7:10 pm M W PARASILITI, P D VLGE 8209 (ADDED)
Lab 7:10 pm - 9:20 pm M W PARASILITI, P D SGYM 5405

**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/](http://www.piercecollege.edu/departments/pace/).

ART 111—HISTORY OF CONTEMPORARY ART (UC:CSU) - 3 UNITS
(CSU GE AREA C1 • IGETC AREA 3A)
Covers major trends in art from 1900 to present day.

4901 Lec 6:00 pm - 8:00 pm T COLE, J T VLGE 8101
And 8:00 am -12:00 pm Sat COLE, J T VLGE 8101
And 20 min TBA COLE, J T INTERNET

4953 Lec 5:30 pm - 7:30 pm W FREEDMAN, J A BEAUDRY
And 8:00 am -12:00 pm Sat FREEDMAN, J A BEAUDRY
And 20 min TBA FREEDMAN, J A INTERNET

COMMUNICATION STUDIES 101—PUBLIC SPEAKING (UC:CSU) - 3 UNITS
(CSU GE AREA A1 • IGETC AREA 1C)
Advisory: Eligibility for English 28.

4904 Lec 6:00 pm - 8:00 pm M STAFF VLGE 8342 (CANCELLED)
And 1:00 pm - 5:00 pm Sat STAFF VLGE 8342
And 30 min TBA STAFF INTERNET

4906 Lec 6:00 pm - 8:00 pm W STAFF VLGE 8342 (CANCELLED)
And 1:00 pm - 5:00 pm Sat STAFF VLGE 8342
And 20 min TBA STAFF INTERNET

ENGLISH 28—INTERMEDIATE READING AND COMPOSITION - 3 UNITS
Prerequisite: English 21 with a grade of "C" or better, or appropriate skill level demonstrated through the English placement process.

PROOF OF ELIGIBILITY MUST BE BROUGHT TO THE COUNSELING OFFICE.

4950 Lec 7:30 pm - 9:30 pm W MORTIMER-BOYD, S BEAUDRY
And 1:00 pm - 5:00 pm Sat MORTIMER-BOYD, S BEAUDRY
And 20 min TBA MORTIMER-BOYD, S INTERNET

ENGLISH 101—COLLEGE READING AND COMPOSITION I (UC:CSU) - 3 UNITS
(CSU GE AREA A2 • IGETC AREA 1A)
Prerequisite: English 28 with a grade of "C" or better, or appropriate skill level demonstrated through the English placement process.

PROOF OF ELIGIBILITY MUST BE BROUGHT TO THE COUNSELING OFFICE.

4903 Lec 6:00 pm - 8:00 pm W GIKA, E A BEH 1301
And 8:00 am -12:00 pm Sat GIKA, E A BEH 1301
And 20 min TBA GIKA, E A INTERNET

4951 Lec 5:30 pm - 7:30 pm W MORTIMER-BOYD, S BEAUDRY
PHYSICS

Physics and Planetary Sciences Department Chair: Dale L. Fields.
Phone: 710-4262. Office: CFS 91040. Email: FieldsDL@piercecollege.edu
Faculty Advisor: Dr. Margaret Wessling. Phone: 610-6541. Office: CFS 91091.
Email: Wessling_physics@yahoo.com

PHYSICS 6—GENERAL PHYSICS I (UC:CSU) - 4 UNITS
(CSU GE AREA B1 + B3 • IGETC AREA 5A + 5C)
Prerequisite: Math 240 or equivalent. (Competence in algebra and geometry is presumed.)
PROOF OF ELIGIBILITY MUST BE BROUGHT TO THE COUNSELING OFFICE.
1534 Lec 10:45 am - 2:00 pm M W BERGSTROM, R C CFS 92035
Lab 10:45 am - 2:00 pm T Th BERGSTROM, R C CFS 92035

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.
8521 Lec 12:00 pm - 1:25 pm MTWTh KOCHARIAN, A CFS 92033
Lab 1:35 pm - 3:00 pm MTWTh KOCHARIAN, A CFS 92033
Lab 3:10 pm - 4:35 pm MTWTh KOCHARIAN, A CFS 92033

PHYSICS 185—DIRECTED STUDY - PHYSICS (CSU) - 1 UNIT
Note: Enrollment by add card only.
8522 IND 2-Hrs, 5 min TBA KOCHARIAN, A CFS 92033

WELDING

Industrial Technology Department Chair: Michael Van Dyke.
Phone: 710-4320. Office: IT 3642.
NOTE: PERSONAL AND SAFETY EQUIPMENT REQUIRED FOR ALL WELDING CLASSES.

INDUSTRIAL TECHNOLOGY 161—OXY-ACETYLENE WELDING I - 3 UNITS
Evening Classes
5521 Lec 6:45 pm - 7:15 pm MTWTh UDAGER, J M AT 3805
Lab 7:15 pm - 9:50 pm MTWTh UDAGER, J M AT 3805

INDUSTRIAL TECHNOLOGY 162—OXY-ACETYLENE WELDING II - 3 UNITS
Evening Classes
5522 Lec 6:45 pm - 7:15 pm MTWTh UDAGER, J M AT 3805
Lab 7:15 pm - 9:50 pm MTWTh UDAGER, J M AT 3805

INDUSTRIAL TECHNOLOGY 261—ARC WELDING I - 3 UNITS
Prerequisite: Industrial Technology 161.
Evening Classes
5523 Lec 6:45 pm - 7:15 pm MTWTh UDAGER, J M AT 3805
Lab 7:15 pm - 9:50 pm MTWTh UDAGER, J M AT 3805

INDUSTRIAL TECHNOLOGY 262—ARC WELDING II - 3 UNITS
Prerequisite: Industrial Technology 261.
Evening Classes
5524 Lec 6:45 pm - 7:15 pm MTWTh UDAGER, J M AT 3805
Lab 7:15 pm - 9:50 pm MTWTh UDAGER, J M AT 3805

INDUSTRIAL TECHNOLOGY 361—INERT GAS ARC WELDING I - 3 UNITS
Prerequisite: Industrial Technology 261 and 262.
Evening Classes
5525 Lec 6:45 pm - 7:15 pm MTWTh UDAGER, J M AT 3805
Lab 7:15 pm - 9:50 pm MTWTh UDAGER, J M AT 3805
INDUSTRIAL TECHNOLOGY 362—INERT GAS ARC WELDING II - 3 UNITS
Prerequisite: Industrial Technology 162, 262, and 361.

Evening Classes
5526 Lec 6:45 pm - 7:15 pm MTWTh UDAGER, J M AT 3805
Lab 7:15 pm - 9:50 pm MTWTh UDAGER, J M AT 3805

INDUSTRIAL TECHNOLOGY 385—DIRECTED STUDY - INDUSTRIAL TECHNOLOGY (CSU) - 3 UNITS
Note: Enrollment by add card only.

Evening Classes
5527 Lec 6:45 pm - 8:15 pm MTWTh UDAGER, J M AT 3805