

## How to Read the Schedule of Classes

SAMPLE COURSE LISTING

	Course Name	Course Number	Course Title	Transferability	Units
	<b>CHEMISTRY 101—GENERAL CHEMISTRY I (UC:CSU) 5 UNITS</b> (CSU GE AREA B1 + B3 • IGETC AREA 5A + 5C)				
Important Course Information	<b>Prerequisites:</b> Chemistry 60 and Math 125 with a grade of "C" or better. <b>PROOF OF ELIGIBILITY MUST BE BROUGHT TO THE COUNSELING OFFICE.</b>				
Section Number	0851	Lec	8:00- 9:25 MW	OGAR, G W	CFS 91126
		Lab	12:45- 4:50 Th	HAMMON, S B	CFS 92011
		And	11:10-12:15 MW	OGAR, G W	CFS 92026
	<b>Evening Classes</b>				
	3458	Lab	5:30- 8:00 MW	SOLOFF, L B	CFS 91125
		Lec	8:00-10:10 MW	SOLOFF, L B	CFS 92026

Boxes denote special class types.

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

Time/Day Class Meets

Instructor

Building Room

### 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

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

## 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

1501 8:00 am -10:30 am MTWTh AHRENS, S R BUS 3206

#### Evening Classes

3501 4:00 pm - 6:30 pm MTWTh CHAWAREEWONG, BUS 3204

3502 7:00 pm - 9:30 pm MTWTh FOSTER, R P BUS 3206

## 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

#### (CSU GE AREA B2)

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.

1503 Lec 9:35 am -12:55 pm T Th SHAPIRO, L S CFS 91126

### ANIMAL SCIENCE 512—ANATOMY AND PHYSIOLOGY OF ANIMALS LABORATORY (CSU) - 1 UNIT

#### (CSU GE AREA B3)

Corequisite: Animal Science 511.

1504 Lab 7:50 am -11:00 am M W ADELINI, J J CFS 91102

1505 Lab 11:10 am - 2:20 pm M W ADELINI, J J CFS 91102

## 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

~~3503 Lec 7:00 pm - 8:05 pm M W BURTON, R CFS 91152 (CANCELLED)~~

~~Lab 8:05 pm -10:10 pm M W BURTON, R CFS 91152~~

## 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

1502 Lec 9:00 am -12:10 pm T ADELINI, J J CFS 91152

And 12:20 pm - 3:30 pm T WHITE, E G CFS 91152

## 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.

1506 Lec 9:35 am -12:45 pm M W MELLINGER, R G CFS 91126

Lab 9:35 am -12:45 pm T Th NG, V L CFS 91102

8516	Lec	9:35 am -12:45 pm	M W	MELLINGER, R G	CFS 91126	(ADDED)
	Lab	1:20 pm - 4:30 pm	T	MELLINGER, R G	CFS 91102	
	Lab	1:20 pm - 4:30 pm	Th	NG, V L	CFS 91102	

## 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> for further information.

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

1507		11:10 am - 2:20 pm	M W	EDGE, T R	ANTH 0102
1508		11:10 am - 2:20 pm	T Th	MORAN, E J	ANTH 0100

### 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> for further information.

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

#### Evening Classes

3504		7:00 pm -10:10 pm	M W	SIMON, G M	ANTH 0102
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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.

1509	Lec	11:10 am -12:15 pm	T Th	PIERSON, B E	ANTH 0102
	Lab	12:15 pm - 2:20 pm	T Th	PIERSON, B E	ANTH 0102

#### Evening Classes

3505	Lec	3:40 pm - 4:45 pm	M W	EDGE, T R	ANTH 0102
	Lab	4:45 pm - 6:50 pm	M W	EDGE, T R	ANTH 0102

### ANTHROPOLOGY 121—ANTHROPOLOGY OF RELIGION, MAGIC AND WITCHCRAFT (UC:CSU) - 3 UNITS

(CSU GE AREA C2 • IGETC AREA 3B)

1510		11:10 am - 2:20 pm	M W	MORAN, E J	ANTH 0100
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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)

1511		8:00 am - 9:25 am	MTWTh	DALLA DEA, A L	ANTH 0100
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## ASTRONOMY

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

Phone: 710-2541. Office: CFS 91040.

Email: [loverilc@piercecollege.edu](mailto:loverilc@piercecollege.edu)

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

Email: [FieldsDL@piercecollege.edu](mailto: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

3506	Lec	3:40 pm - 6:50 pm	T Th	MORALES, F	CFS 92044
3507	Lec	7:00 pm -10:10 pm	M W	MORALES, F	CFS 92044

### ASTRONOMY 2—ELEMENTARY ASTRONOMY LABORATORY (UC:CSU) - 1 UNIT

(CSU GE AREA B3 • IGETC AREA 5C)

Corequisite: Astronomy 1.

#### Evening Classes

3508	Lab	7:00 pm -10:10 pm	T Th	MALLORY, C R	CFS 92047
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## AUTOMOTIVE SERVICE TECHNOLOGY

Industrial Technology Department Chair: Tom Fortune.

Phone: 710-4320. Office: IT 3642.

Faculty Advisor: T.H. Rosdahl. Phone: 719-6484. Office: IT 3622.

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.

##### 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 headphones 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](http://www.pcmsusa.org), for course description and more information.

Contact Dr. Raymond Wells by e-mail (best) at [pcmsusa@hotmail.com](mailto: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](http://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](mailto:pcmsusa@hotmail.com) or by telephone at (818) 710-4285.

7662		2-Hrs, 20 min	TBA	WELLS, R A	OC
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(7 Week Class - Starts 6/16/2014, Ends 8/1/2014 )
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**BIOLOGY 285—DIRECTED STUDY - BIOLOGY (CSU) - 2 UNITS**

Note: Enrollment by add card only. Contact Dr. Raymond Wells at [pcmusa@hotmail.com](mailto:pcmusa@hotmail.com) or by telephone at (818) 710-4285.

7663	5-Hrs, 5 min	TBA	WELLS, R A	OC
(7 Week Class - Starts 6/16/2014, Ends 8/1/2014 )				

**BIOLOGY 385—DIRECTED STUDY - BIOLOGY (CSU) - 3 UNITS**

Note: Enrollment by add card only. Contact Dr. Raymond Wells at [pcmusa@hotmail.com](mailto:pcmusa@hotmail.com) or by telephone at (818) 710-4285.

7664	7-Hrs, 25 min	TBA	WELLS, R A	OC
(7 Week Class - Starts 6/16/2014, Ends 8/1/2014 )				

**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**

1514	9:35 am -11:00 am	MTWTh	KARAMIAN, M	BUS 3218
1515	11:10 am -12:35 pm	MTWTh	KARAMIAN, M	BUS 3218

**Evening Classes**

3511	7:00 pm - 8:25 pm	MTWTh	SKIDMORE, R D	BUS 3208
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**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**

1516	8:00 am - 9:25 am	MTWTh	NASSER, D M	BUS 3204
1517	11:10 am -12:35 pm	MTWTh	WATERSTONE, S I	BUS 3204

**Evening Classes**

3512	7:00 pm - 8:25 pm	MTWTh	LOPEZ, V S	BUS 3218
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**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**

3513	7:00 pm - 8:25 pm	MTWTh	MOREHOUSE, T J	BUS 3217
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**CHEMISTRY**

Chemistry Department Chair: Isidore Goodman.

Phone: 719-6464. Office: CFS 91041. E-mail: [goodmai@piercollege.edu](mailto:goodmai@piercollege.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**

**(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.

8506	Lec	8:00 am - 9:25 am	MTWTh	WALKER WAUGH,	CFS 91126
	Lab	9:45 am -10:50 am	T Th	WALKER WAUGH,	CFS 92026
	Lab	9:45 am -12:50 pm	M W	STANTON, G	CFS 92020

8507	Lec	8:00 am - 9:25 am	MTWTh	WALKER WAUGH,	CFS 91126
	Lab	9:45 am -10:50 am	M W	WALKER WAUGH,	CFS 92026
	Lab	9:45 am -12:50 pm	T Th	STANTON, G	CFS 92020

**Evening Classes**

3524	Lec	5:00 pm - 6:25 pm	MTWTh	HOLUB, D F	CFS 91125
	Lab	7:00 pm - 8:05 pm	M W	HOLUB, D F	CFS 92026
	Lab	7:00 pm -10:05 pm	T Th	NGUYEN, J V	CFS 92026

**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](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 [goodmaii@piercecollege.edu](mailto:goodmaii@piercecollege.edu).

8511	Lec	1:00 pm - 2:25 pm	MTWTh	LABADZHYAN, G	CFS 91125
	Lab	2:40 pm - 3:40 pm	MTWTh	LABADZHYAN, G	CFS 91125
	Lab	10:15 am -12:15 pm	MTWTh	BAKSHANDEH, S H	CFS 92011
8512	Lec	1:00 pm - 2:25 pm	MTWTh	LABADZHYAN, G	CFS 91125
	Lab	11:00 am -12:00 pm	MTWTh	LABADZHYAN, G	CFS 92026
	Lab	8:00 am -10:00 am	MTWTh	BALAKIN, A G	CFS 92011

0951	Lec	6-Hrs, 30 min	TBA	OGAR, G W	INTERNET
	Lab	9:35 am -11:40 am	T Th	OGAR, G W	CFS 91125
	Lab	12:45 pm - 5:00 pm	T Th	OGAR, G W	CFS 92011

This Chemistry 101 class is a hybrid class, meaning that some of the course is online and some of the course is on campus: the lectures are online at Thinkwell (<http://www.thinkwell.com/student/product/chemistry>). You can view a demo lecture at the website to see if you are comfortable with the delivery of the lecture material.Access to the site will be priced at \$40 for students. Dr. Ogar, the professor for this course, can be reached via email at [ogargw@piercecollege.edu](mailto:ogargw@piercecollege.edu). The discussions/testing and laboratories are on campus. Discussions meet Tuesday/Thursday mornings (9:35-11:40 a.m. in CFS 91125). Labs meet Tuesday/Thursday afternoons (12:45-5:00 p.m. in CFS 92011). The estimated number of hours you'll need to spend on the course include 12.7 hours per week on campus (8.5 hours for labs, 4.2 hours for discussions) and 18 hours per week for online lecture, reading and homework. To see if you are ready for this online course, take the quiz at: <http://www.miracosta.cc.ca.us/Instruction/DistanceEducation/quiz.aspx>.**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.

1519	Lec	1:00 pm - 2:25 pm	MTWTh	HARVEY, S M	CFS 92026
	Lab	2:40 pm - 3:40 pm	MTWTh	HARVEY, S M	CFS 92026
	Lab	10:00 am -12:00 pm	MTWTh	HARVEY, S M	CFS 92021

**CHILD DEVELOPMENT**

Child Development Department Chair: Joleen Voss-Rodriguez.

**CHILD DEVELOPMENT 1—CHILD GROWTH AND DEVELOPMENT (UC:CSU) - 3 UNITS**

(CSU GE AREA D • IGETC AREA 4)

~~1520 — 8:00 am — 9:25 am — MTWTh — STAFF — CDAD 6401 (CANCELLED)~~**CINEMA**

Media Arts Department Chair: Jill Connelly.

Phone: 710-4235. Office: Village 8100. E-mail: [connelj@piercecollege.edu](mailto:connelj@piercecollege.edu)

Faculty Advisor: Jill Connelly.

**CINEMA 3—HISTORY OF MOTION PICTURES (UC:CSU) - 3 UNITS**

(CSU GE AREA C1 • IGETC AREA 3A)

**Evening Classes**

3514	Lec	5:25 pm - 7:30 pm	M W	NYIRI, D	BUS 3200
	Lab	7:35 pm - 9:40 pm	M W	NYIRI, D	BUS 3200

## 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.

PROOF OF ELIGIBILITY MUST BE BROUGHT TO THE COUNSELING OFFICE.

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](mailto:schamudp@piercecollege.edu).

Faculty Advisor: Sue Krimm. Phone: 710-4314. Office: COSC 1500. Email: [krimmsg@piercecollege.edu](mailto: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 TONTSCH, J W COSC 1502

Lab 12:10 pm - 1:15 pm M W TONTSCH, J W COSC 1505

1524 Lec 9:00 am -12:10 pm T Th KRIMM, S G COSC 1502

Lab 12:10 pm - 1:15 pm T Th KRIMM, 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](mailto: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.

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 Personal Development 40. Enrollment by add card only. For more information, please go to [www.piercecollege.edu/sumbridge](http://www.piercecollege.edu/sumbridge).

1541	8:00 am - 9:25 am	MTWTh	GONZALES, 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



1544	8:00 am - 9:25 am	MTWTh	LAWLER, K A	VLGE 8405	
1545	8:00 am - 9:25 am	MTWTh	RAUCH, P S	BEH 1308	
1546	8:00 am - 9:25 am	MTWTh	LACE, N V	MATH 1413	
1547	10:00 am -11:25 am	MTWTh	LACE, N V	BUS 3203	
1556	10:00 am -11:25 am	MTWTh	GONZALES, D P	BUS 3201	(ADDED)

**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.

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](http://www.piercecollege.edu/sumbridge).

<del>1551</del>	<del>10:00 am - 11:25 am</del>	<del>MTWTh</del>	<del>GONZALES, D P</del>	<del>BUS 3201</del>	(CANCELLED)
1552	10:00 am -11:25 am	MTWTh	MACLEOD, A A	BUS 3208	
1553	10:00 am -11:25 am	MTWTh	LAWLER, K A	VLGE 8407	
1554	10:00 am -11:25 am	MTWTh	NEVINS, N L	VLGE 8400	
1555	10:00 am -11:25 am	MTWTh	RAUCH, P S	VLGE 8343	

**ENVIRONMENTAL SCIENCE**

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

Phone: 710-2541. Office: CFS 91040.

Email: [loverilc@piercecollege.edu](mailto:loverilc@piercecollege.edu)

Faculty Advisor: Craig Meyer. Phone: 710-4241. Office: VLGE 8320.

Email: [MeyerWC@piercecollege.edu](mailto:MeyerWC@piercecollege.edu)

**ENVIRONMENTAL SCIENCE 1—THE HUMAN ENVIRONMENT: PHYSICAL PROCESSES (UC:CSU) - 3 UNITS**

(CSU GE AREA B1 OR E • IGETC AREA 5A)

1528	11:10 am - 2:20 pm	T Th	RIDGWAY, R E	CFS 91120	
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**GEOGRAPHY**

Anthropological & Geographical Sciences Department Chair: Adrian Youhanna.

Phone: 710-2940. Office: FO 2904.

Faculty Advisor: Adrian Youhanna. Phone: 710-2940. Office: FO 2904.

**GEOGRAPHY 1—PHYSICAL GEOGRAPHY (UC:CSU) - 3 UNITS**

(CSU GE AREA B1 • IGETC AREA 5A)

**Evening Classes**

<del>3518</del>	<del>5:25 pm - 6:50 pm</del>	<del>MTWTh</del>	<del>WAKTOLA, D K</del>	<del>GEOG 0202</del>	(CANCELLED)
3519	7:00 pm -10:10 pm	M W	DOUGLAS, J	GEOG 0202	

**GEOGRAPHY 7—WORLD REGIONAL GEOGRAPHY (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> for further information.

**Evening Classes**

3520	7:00 pm -10:10 pm	T Th	KRANZ, J	GEOG 0202	
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**HEALTH**

Physical Education Department Chair: Shilo Nelson.

Phone: 710-2524. Office: NGYM 5614C.

Faculty Advisor: Diane Kelly.

**HEALTH 11—PRINCIPLES OF HEALTHFUL LIVING (UC:CSU) - 3 UNITS**

(CSU GE AREA E)

This course is part of the General Education Health and Wellness Path option for transfer to CSUN. See <http://faculty.piercecollege.edu/gepaths> for further information.

1529	7:50 am -11:00 am	M W	SABOLIC, J P	CFS 91125	
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**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.

Automotive Service Technology  
 Electronics  
 Engineering Graphics & Design  
 Machine Shop – CNC  
 Welding

## 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)

2501 12:45 pm - 2:10 pm MTWTh BUSHART, J W FIELD

~~2502 12:45 pm - 2:10 pm MTWTh PEREZ, A G FIELD (CANCELLED)~~

2507 2:00 pm - 3:25 pm MTWTh PEREZ, A G FIELD (ADDED)

(FOOTBALL ONLY)

~~2503 12:45 pm - 2:10 pm MTWTh MARTINEZ, E STADIUM (CANCELLED)~~

#### Evening Classes

(FOOTBALL ONLY)

2951 6:00 pm - 7:25 pm MTWTh MARTINEZ, E STADIUM (ADDED)

## 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~~

~~And 7:00 pm -10:10 pm TWTh 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 SMETZER, R D IT 3644 (CANCELLED)~~  
~~Lab 9:20 pm -10:10 pm M SMETZER, R D IT 3643~~  
~~And 7:00 pm -10:10 pm TWTh SMETZER, R D IT 3643~~

## MULTIMEDIA

Media Arts Department Chair: Jill Connelly.

Phone: 710-4235. Office: Village 8100. E-mail: [connelj@piercollege.edu](mailto:connelj@piercollege.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 WILKINS, C L VLGE 8300  
 Lab 7:35 pm - 9:40 pm M W 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 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 LEMUS, B F CFS 91016 (CANCELLED)~~  
~~And 9:00 am -11:05 am T 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 MORAN, M K CFS 91016 (CANCELLED)~~  
~~And 9:00 am -11:05 am Th 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.piercollege.edu/departments/pace/](http://www.piercollege.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.piercollege.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 COLE, J BEH 1308  
 And 8:00 am -12:00 pm Sat COLE, J ART 3300  
 And 20 min TBA COLE, J INTERNET  
~~4902 6:00 pm - 8:00 pm W COLE, J MUS 3400 (CANCELLED)~~

	<del>And 1:00 pm - 5:00 pm</del>	<del>Sat</del>	<del>COLE, J</del>	<del>MUS 3400</del>
	<del>And 20 min</del>	<del>TBA</del>	<del>COLE, J</del>	<del>INTERNET</del>
4950	5:30 pm - 7:30 pm	W	FREEDMAN, J A	BEAU DRY
	And 8:00 am -12:00 pm	Sat	FREEDMAN, J A	BEAU DRY
	And 20 min	TBA	FREEDMAN, J A	INTERNET

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

## Evening Classes

4903	8:00 pm -10:00 pm	T	SCOTTEN, D M	BEH 1308
	And 1:00 pm - 5:00 pm	Sat	SCOTTEN, D M	BUS 3200
	And 20 min	TBA	SCOTTEN, D M	INTERNET

**COMMUNICATION STUDIES 101—ORAL COMMUNICATION I (UC:CSU) - 3 UNITS****(CSU GE AREA A1 • IGETC AREA 1C)**

(Formerly Speech 101)

Advisory: Eligibility for English 28.

## Evening Classes

4905	8:00 pm -10:00 pm	W	KELPINE, J	VLGE 8101
	And 1:00 pm - 5:00 pm	Sat	KELPINE, J	VLGE 8101
	And 20 min	TBA	KELPINE, J	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.

## Evening Classes

4904	8:00 pm -10:00 pm	W	MORTIMER-BOYD, S	BEH 1308
	And 1:00 pm - 5:00 pm	Sat	MORTIMER-BOYD, S	BEH 1308
	And 20 min	TBA	MORTIMER-BOYD, S	INTERNET

**HISTORY 1—INTRODUCTION TO WESTERN CIVILIZATION I (UC:CSU) - 3 UNITS****(CSU GE AREA C2 • IGETC AREA 3B)**This course is part of the General Education Global Studies Path option for transfer to CSUN. See <http://faculty.piercecollege.edu/gepaths> for further information.

## Evening Classes

4951	7:30 pm - 9:30 pm	W	KOLKEY, J M	BEAUDRY
	And 1:00 pm - 5:00 pm	Sat	KOLKEY, J M	BEAUDRY
	And 20 min	TBA	KOLKEY, J M	INTERNET

**HISTORY 13—THE UNITED STATES IN THE TWENTIETH CENTURY (UC:CSU) - 3 UNITS****(CSU GE AREA D • IGETC AREA 4 • SATISFIES CSU AMERICAN IDEALS GRADUATION REQUIREMENT US-1)**

## Evening Classes

4975	6:00 pm - 8:00 pm	M	KAAPUNI, G J	NORWALK
	And 8:00 am -12:00 pm	Sat	KAAPUNI, G J	NORWALK
	And 20 min	TBA	KAAPUNI, G J	INTERNET

**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)**

## Evening Classes

4976	8:00 pm -10:00 pm	M	SERRANO, J Y	NORWALK
	And 1:00 pm - 5:00 pm	Sat	SERRANO, J Y	NORWALK
	And 20 min	TBA	SERRANO, J Y	INTERNET

## PERSONAL DEVELOPMENT

Counseling Department Chair: Rudy Dompe.

Phone: 719-6440. Office: Counseling.

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

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

1536	8:00 am - 9:25 am	MTWTh	KIEKEL, C R	BUS 3218
<del>1538</del>	<del>8:00 am - 9:25 am</del>	<del>MTWTh</del>	<del>GARCIA, P A</del>	<del>BEH 1309</del> (CANCELLED)

0952	6-Hrs, 30 min	TBA	RODRIGUEZ, C C	INTERNET
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This is a distance education online course. No on-campus meetings required. Visit the instructor's web site at <https://sites.google.com/site/rodriguezpd40/> for more course information.

0953	6-Hrs, 30 min	TBA	NOOR, M K	INTERNET
This is a distance education online course. No on-campus meetings required. E-mail the instructor at <a href="mailto:mita_noor@yahoo.com">mita_noor@yahoo.com</a> 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/](http://www.piercecollege.edu/sumbridge/).

1561	8:00 am - 9:25 am	MTWTh	EKIMYAN, R	LLC 5114
1562	8:00 am - 9:25 am	MTWTh	STROTHER, E E	LLC 5112
1563	8:00 am - 9:25 am	MTWTh	KING, B R	LLC 5113
1564	8:00 am - 9:25 am	MTWTh	COTA, M M	MATH 1416
1565	8:00 am - 9:25 am	MTWTh	ROBERSON, J	LLC 5111
1566	8:00 am - 9:25 am	MTWTh	DEL REAL, A	BUS 3217
1571	10:00 am -11:25 am	MTWTh	STROTHER, E E	LLC 5112
1572	10:00 am -11:25 am	MTWTh	ROBERSON, J	LLC 5111
1573	10:00 am -11:25 am	MTWTh	EKIMYAN, R	LLC 5114
1574	10:00 am -11:25 am	MTWTh	COTA, M M	MATH 1416
1575	10:00 am -11:25 am	MTWTh	DEL REAL, A	MATH 1414
1576	10:00 am -11:25 am	MTWTh	QUINTERO, P A	LLC 5113

## PHOTOGRAPHY

Media Arts Department Chair: Jill Connelly.

Phone: 710-4235. Office: Village 8100. E-mail: [connelj@piercecollege.edu](mailto:connelj@piercecollege.edu)

Faculty Advisor: Jill Connelly.

Students planning to enroll in any of the Photography classes need to provide their own Digital SLR camera. Whichever camera you choose must have manual control of aperture, shutter speed and focus.

Most photo classes at Pierce (except Photo 100 and Photo 27A & B) have laboratory requirements in VLGE 8300. The lab will have day and evening hours on weekdays. The exact hours will be posted.

Questions? Please Email or call our photo staff: Jill Connelly ([connelj@piercecollege.edu](mailto:connelj@piercecollege.edu)) (818) 710-4235.

### PHOTOGRAPHY 27A—HISTORY & AESTHETICS OF PHOTOGRAPHY A (UC:CSU) - 3 UNITS

(CSU GE AREA C1)

1533 7:50 am -11:00 am T Th MCDONALD, S D CFS 91120

### PHOTOGRAPHY 27B—HISTORY & AESTHETICS OF PHOTOGRAPHY B (UC:CSU) - 3 UNITS

(CSU GE AREA C1 • IGETC AREA 3A)

#### Evening Classes

~~3522 7:00 pm -10:10 pm M W NISAN, R CFS 91120 (CANCELLED)~~

### PHOTOGRAPHY 100—DIGITAL CAMERAS AND PHOTOGRAPHIC COMPOSITION (CSU) - 3 UNITS

#### Evening Classes

3523 7:00 pm -10:10 pm T Th LEE, A Y CFS 91125

## PHYSICAL SCIENCE

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

Phone: 710-2541. Office: CFS 91040.

Email: [loverilc@piercecollege.edu](mailto:loverilc@piercecollege.edu)

Faculty Advisor: Dr. Margaret Wessling. Phone: 610-6541. Office: CFS 91091.

Email: [Wessling\\_physics@yahoo.com](mailto:Wessling_physics@yahoo.com)

### PHYSICAL SCIENCE 4—PHYSICAL SCIENCE AND LABORATORY (UC:CSU) - 4 UNITS

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

#### Evening Classes

3526 Lec 3:40 pm - 6:50 pm M W ORLOFF, T CFS 92035 (ADDED)  
 Lab 3:40 pm - 6:50 pm T Th ORLOFF, T CFS 92035

## PHYSICS

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

Phone: 710-2541. Office: CFS 91040.

Email: [loverilc@piercecollege.edu](mailto:loverilc@piercecollege.edu)

Faculty Advisor: Dr. Margaret Wessling. Phone: 610-6541. Office: CFS 91091.

Email: [Wessling\\_physics@yahoo.com](mailto: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	11:10 am - 2:20 pm	M W	MEYER, M D	CFS 92035
	Lab	11:10 am - 2:20 pm	T Th	MEYER, M D	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.

1535	Lec	12:45 pm - 2:10 pm	MTWTh	WESSLING, M E	CFS 92033
	Lab	2:20 pm - 3:45 pm	MTWTh	WESSLING, M E	CFS 92033
	And	3:55 pm - 5:20 pm	MTWTh	LOVERIDGE, L C	CFS 92033

### 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)
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## 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)

0954	6-Hrs, 30 min	TBA	GABRIELLI, A C	INTERNET
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This class is completely online. Enrolled students are required to email the professor at [gabrieac@piercollege.edu](mailto:gabrieac@piercollege.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@piercollege.edu](mailto:gabrielac@piercollege.edu) to receive information on the add process.

0955	6-Hrs, 30 min	TBA	GABRIELLI, A C	INTERNET
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This class is completely online. Enrolled students are required to email the professor at [gabrieac@piercollege.edu](mailto:gabrieac@piercollege.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@piercollege.edu](mailto:gabrielac@piercollege.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@piercollege.edu](mailto:snowcj@piercollege.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.

0956	6-Hrs, 30 min	TBA	TRAVIS, G K	INTERNET
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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.piercollege.edu/travisgk/>.

0957	6-Hrs, 30 min	TBA	TRAVIS, G K	INTERNET
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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.piercollege.edu/travisgk/>.

## WELDING

Industrial Technology Department Chair: Tom Fortune.

Phone: 710-4320. Office: IT 3642.

Faculty Advisor: G. Wheeler. Phone: 710-4304. Office: AT 3807.

NOTE: PERSONAL AND SAFETY EQUIPMENT REQUIRED FOR ALL WELDING CLASSES.

#### INDUSTRIAL TECHNOLOGY 161—OXY-ACETYLENE WELDING I - 3 UNITS

##### Evening Classes

5511	Lec	5:45 pm - 6:15 pm	MTWTh	KORCHMAREV, E	AT 3805
	Lab	6:15 pm - 8:45 pm	MTWTh	KORCHMAREV, E	AT 3805

#### INDUSTRIAL TECHNOLOGY 162—OXY-ACETYLENE WELDING II - 3 UNITS

##### Evening Classes

5512	Lec	5:45 pm - 6:15 pm	MTWTh	KORCHMAREV, E	AT 3805
	Lab	6:15 pm - 8:45 pm	MTWTh	KORCHMAREV, E	AT 3805

#### INDUSTRIAL TECHNOLOGY 261—ARC WELDING I - 3 UNITS

Prerequisite: Industrial Technology 161.

##### Evening Classes

5513	Lec	5:45 pm - 6:15 pm	MTWTh	KORCHMAREV, E	AT 3805
	Lab	6:15 pm - 8:45 pm	MTWTh	KORCHMAREV, E	AT 3805

#### INDUSTRIAL TECHNOLOGY 262—ARC WELDING II - 3 UNITS

Prerequisite: Industrial Technology 261.

##### Evening Classes

5514	Lec	5:45 pm - 6:15 pm	MTWTh	KORCHMAREV, E	AT 3805
	Lab	6:15 pm - 8:45 pm	MTWTh	KORCHMAREV, E	AT 3805

#### INDUSTRIAL TECHNOLOGY 361—INERT GAS ARC WELDING I - 3 UNITS

Prerequisite: Industrial Technology 261 and 262.

##### Evening Classes

5515	Lec	5:45 pm - 6:15 pm	MTWTh	KORCHMAREV, E	AT 3805
	Lab	6:15 pm - 8:45 pm	MTWTh	KORCHMAREV, E	AT 3805

#### INDUSTRIAL TECHNOLOGY 362—INERT GAS ARC WELDING II - 3 UNITS

Prerequisite: Industrial Technology 162, 262, and 361.

##### Evening Classes

5516	Lec	5:45 pm - 6:15 pm	MTWTh	KORCHMAREV, E	AT 3805
	Lab	6:15 pm - 8:45 pm	MTWTh	KORCHMAREV, E	AT 3805

#### 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

5517		5:45 pm - 7:10 pm	MTWTh	KORCHMAREV, E	AT 3805	(ADDED)
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