

Summer and Fall 2005 Class Schedule



phoenixcollege.edu



A Welcome from the President

Eighty five years of commitment to our community.



In 1920, higher education in the state consisted of the University of Arizona, Arizona State Teachers' College, Northern Arizona Normal School and Phoenix Junior College. The Teachers' College later became ASU, the Normal School eventually became NAU, and the Junior College grew into Phoenix College, Arizona's original two-year institution of higher learning.

We're very proud of our pioneering place in Arizona history, and even prouder to be the flagship college of the Maricopa Community Colleges, the largest community college district in the nation.

Today's Phoenix College students come from many diverse cultures, nationalities and personal experiences. They are recent high school graduates pursuing a university degree. They are working adults seeking a better life for their family. And they are refugees from strife-torn countries who risked their lives to realize the promise of education in America.

We hope you find your place alongside them, whether you seek an art class for personal expression, a computer class to stay abreast of emerging technology, or a degree or certificate to meet your long-term career goals. We offer more than 200 educational programs and over 2,000 courses to choose from, whatever your needs may be.

Our anniversary theme is "Preserving the past. Poised for the future." An eighty-five-year commitment to teaching, learning and student success is waiting to serve you today.

Warm regards,

Anna Solley, Ed.D.
Acting President

Phoenix College Vision Statement

Phoenix College will be an exemplary educational institution, caring, innovative and creative. It will be responsive to its diverse community, offering supportive environments for student success, promoting life-long learning.

Phoenix College Mission Statement

Phoenix College is a comprehensive community college responsive to the changing needs of its diverse community and individuals pursuing academic, occupational, developmental, and personal enrichment goals.

Equal Opportunity Statement

It is the policy of Phoenix College and The Maricopa County Community College District to promote equal employment opportunities through a positive continuing program. This means that Maricopa will not discriminate, nor tolerate discrimination, against any applicant or employee because of race, color, religion, gender, sexual orientation, national origin, age, disabled, or veteran status. Additionally, it is the policy of Maricopa County Community College District to provide an environment for each Maricopa job applicant and employee that is free from sexual harassment, as well as harassment and intimidation on account of an individual's race, color, religion, gender, sexual orientation, national origin, age, disabled, or veteran status.

Inquiries regarding the equal opportunity policies, the filing of grievances or the requesting of a copy of the procedures covering discrimination complaints may be directed to: Morris F. Johnson III, Vice President, Student Affairs, (602) 285-7228.

PC Goes Back to School

Every 10 years, Phoenix College goes back to school....sort of.



2005 • 2006
HLC/NCA ACCREDITATION

Over the next year, you may be hearing or reading a lot about Phoenix College's self-study, the HLC, the NCA, assessment criteria and core components. The self-study team will be hosting awareness days, will be publishing drafts of its findings for review, and will be asking for your help. You may have opportunities to participate in the self-study itself or to respond to its findings. Please do so. You are the reason Phoenix College exists, and your input is vital.

Look for your chance to help us take Phoenix College back to school.

PC BASICS

phoenixcollege.edu/pcbasics



Agility

Seek and act on opportunities for creative improvement.



PC Pride

Celebrate our historical and cultural legacy while building our future.



Engage

Listen, connect, and provide real-time solutions. Be accessible.



Integrity

Be your best self.



Enjoy

Find joy in what you do and be 100% present.



Seek Solutions

Own the moment and pursue to the optimal conclusion.



Exceed Expectations

Create a WOW experience; good enough is not enough.



Responsive Communication

Listen, lead and guide the student and each other.



Respect

Treat each other and our students with value and dignity.



Commitment

Each person contributes to a safe and successful learning environment through support of the college mission.



Innovate

Create possibilities.

Services Directory

- Admissions & Records**602-285-7502
Assists students with admissions, registration, and official records. Admissions & Records Building (AR).
- Advisement/Transfer Center**602-285-7110
Provides information and assistance in academic planning. Learning Center Building (LC), south entrance.
- Bookstore**602-285-7489
Sells textbooks, general merchandise, and gift items. Hannelly Center (HC), lower level.
- Cafeteria/Aramark**602-285-7669
Sells hot meals, sandwiches, snacks, and beverages at a nominal cost. Full service catering available. Hannelly Center (HC), main floor.
- Career Services**602-285-7420
Career Services provides resources to help you make informed career decisions and services to prepare you for a job search. Local job opportunities are posted on the Maricopa Career Network, the college's on-line job board, at www.maricopa.edu/careers. A virtual career center is located at www.phoenixcollege.edu/careercenter. Hannelly Center (HC), main floor.
- Cashiers/Fiscal**602-285-7518
Assists students by processing tuition payments, refunds, fee payments, and debt clearances. Admissions & Records Building (AR).
- Center for Health Professions**602-285-7331
Provides non-credit courses/continuing education units for dental professionals. Call for list of available classes including oral radiography and dental anesthesia. R Building.
- Classical Studies Program**602-285-7538
Provides information and assistance to students enrolled in the Classical Studies Program. Scholarships are available for eligible students. A Building, Room 126.
- College Safety**602-285-7254
Provides vehicle parking decals, safety escorts and transportation to parking lot or bus stop for students in need. Will attempt to jump start disabled vehicles and unlock vehicles with keys left inside. D Building, north entrance.
- Community Education**602-285-7998
Offers classes which serve the varied needs and interests of individuals and our community. Osborn Center (OSE).
- Computer Commons**602-285-7285
Provides student and faculty access to standard office, instructional, and internet software on ninety Dell workstations. The Computer Commons also provides three electronic classrooms for instructional use. Fannin Library (L), lower level.
- Counseling Center**602-285-7392
Counseling Center provides free academic, career and personal counseling for students. Classes are provided to help students learn new skills and behaviors and improve their educational success. Counselors can provide referrals to community social services agencies. Hannelly Center (HC) main floor.
- Custom Training and Education**602-285-7998
Designs, develops, and implements innovative training solutions for Phoenix College's business and industry customers in the community. Osborn Center (OSE).
- Dental Clinic**602-285-7323
Offers cleanings, x-rays, and oral health instructions at reasonable rates. Referrals available to low-cost facilities for filings and other dental needs. R Building.
- Disability Resource Center (DRC)** 602-285-7478 602-285-7477/TTY
Provides services and accommodations to students with disabilities. Services may include classroom accommodations, academic advising, educational planning, adaptive technology and referral services. Requests for accommodations may require prior notification of 3-4 weeks. Learning Center Building (LC), west entrance.
- Employee Services Department**602-285-7544
Operates as Phoenix College Personnel Office for employees, including student workers. Processes timetickets, provides forms, employee information. Administration Building (AD).
- English as a Second Language (ESL) Program**602-285-7359
Provides information and assistance to students whose first language is not English. This program offers assessment, classes, and laboratories in listening, speaking, reading, and writing. B Building, English Office, 1st floor.
- Family Care & Head Start Center**602-285-7291
Offers Phoenix College students child care for children ages 2-5, whose parents are enrolled in at least 3 credit hours at Phoenix College. A Head Start program is offered to P.C. students who meet eligibility requirements. Osborn Center (OSN).
- Financial Aid**602-285-7410
Provides financial assistance through grants, scholarships, loans, and college work study to those students who demonstrate a need and are enrolled at least half-time in a degree or certificate program. Hannelly Center (HC), main floor.
- Honors Program**602-285-7305
Provides information and assistance to students enrolling in honors courses. Scholarships are available to eligible students. DB Building, Room 311.
- Identification Cards (See Student Life and Leadership)**
- Information and Welcome Center**602-285-7800
Provides general information regarding campus activities; distributes catalogs, class schedules, and brochures. Lost and found desk. Admissions & Records Building (AR).
- International Student Center**602-285-7424
Assists students who are culturally and linguistically diverse with admissions, advisement, and registration information. This office also provides I-20 information for those international students interested in attending Phoenix College on a student visa. Hannelly Center (HC), main floor, south entrance.
- Learning Center**602-285-7486
Provides students with the following support services: drop-in tutoring in a variety of subjects, study skills workshops and resources, study groups, and access to multimedia materials and computer-assisted instruction. All services are free of charge. Learning Center Building (LC), west entrance.
- Library**602-285-7600
Assists students with research assignments, borrowing of books, periodicals, national newspapers, and access to nationwide college catalogs on microfilm. Fannin Library (L).
- Lifelong Learning Program**602-285-7191
Provides programs and services of interest to adults of all ages. Located in C Building, Room 314.
- Maricopa CARES**602-285-7880
Center for Adults: Resources, Education, and Services. Located in C Bldg, Room 314.
- Recruitment and Retention**602-285-7772
Provides information about PC programs and services to students, school personnel, and community members. Office staff assists interested students with campus tours in addition to the assessment, advisement, and registration process. Located in the D Bldg.
- Re-Entry Center**602-285-7424 or 602-285-7422
Assists students who are returning to education after an absence of several years. Hannelly Center (HC), main floor, south entrance.
- Senior Adult Program**602-285-7191
Provides programs and services of particular interest or benefit to the older person. Located in C Building, Room 314.
- Special Services**602-285-7478 602-285-7477 TTY
Provides services and accommodations to special needs and at-risk populations. Some of the services include: academic advisement, educational planning, classroom accommodations for students with disabilities, financial aid advisement, adaptive technology and referral services. Some accommodations may require 3-4 weeks notification. Learning Center Building (LC), west entrance.
- Student Life and Leadership**602-285-7231
Provides student IDs, housing information, student handbooks, club and organization information, medical insurance information, bus subsidies and books, leadership development programs, and campus events. Hannelly Center (HC), lower level.
- Testing Center: - Learning Center Building (LC), south entrance:**
ASSET—skills assessments in English, reading, and mathematics (602)285-7844
CELSA—skills assessments in English as a Second Language (602)285-7844
GED— General Education Development (602) 285-7498
- Veterans' Assistance**602-285-7504
Assistance with educational benefits and registration. Provides referrals as needed. Admissions & Records Building (AR).

Summer and Fall 2005 Class Schedule

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1920 **&th** **2005**
 A N N I V E R S A R Y



PHOENIX
 C O L L E G E

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Academic Calendar

ADMISSIONS AND RECORDS, CASHIERS HOURS

Regular Hours

Monday - Thursday7:30 a.m. - 7:00 p.m.
 Friday8:00 a.m. - 4:30 p.m.

Office hours may be different during semester breaks or summer. For exceptions to regular hours, check Admissions & Records postings or call Information at 602-285-7800.

OBSERVED COLLEGE HOLIDAYS

All offices closed on the following dates

Memorial DayMondayMay 30
 Independence DayMondayJuly 4
 Labor DayMondaySeptember 5
 Veterans' DayFridayNovember 11
 Thanksgiving HolidayThursday-SundayNov. 24-27

FEE PAYMENT DEADLINES

SUMMER - First 5-Week Day and 8-Week Evening Sessions
Payment dueThursdayMay 26
 Fee Payment due by 7 p.m. at the Cashiers Office for those registering through **May 26**. Payment after **May 26** is due the day you register.

SUMMER - Second 5-Week Session
Payment dueThursdayJune 30
 Fee Payment due by 7 p.m. at the Cashiers Office for those registering through **June 30**. Payment after **June 30** is due the day you register.

FALL - Fee Payment dueThursdayJuly 14
 Fee Payment due by 7 p.m. at the Cashiers Office for early Fall registration **March 21 through July 14**.

FALL - Fee Payment dueFridayAugust 12
 Fee Payment due by 4:30 p.m. at the Cashiers Office for Fall registration **July 15 through August 12**. Payment after **August 12** is due the day you register.

Please Note:

- Unpaid enrollments may be canceled.
- If a student does not want to remain in class, the student must officially withdraw. Failure to officially withdraw may result in a financial obligation to the college, whether or not the student attends class.

Summer 2005 Semester

Registration for Summer beginMarch 21
 (see steps on how to register on page 4). Registration open for all students in Admissions and Records office during regular hours.

First 5-Week Day and 8-Week Evening classes beginMondayJune 6
 Last day for withdrawal WITHOUT an instructor's signature for First 5-Week – at Admissions and RecordsMondayJune 20

Last day for withdrawal WITHOUT an instructor's signature for 8-Week Evening – at Admissions and RecordsThursdayJune 30

Last day withdrawal accepted for First 5-Week MUST have instructor's signature – at Admissions and RecordsThursdayJune 30

First 5-Week session endsThursdayJuly 7

Second 5-Week session beginsMondayJuly 11
 Last day withdrawal accepted for 8-Week Evening – MUST have instructor's signature – at Admissions and RecordsThursdayJuly 21

Last day for withdrawal WITHOUT an instructor's signature for Second 5-Week – at Admissions and RecordsMondayJuly 25

8-Week Evening session endsThursdayJuly 28
 Last day withdrawal accepted for Second 5-Week session MUST have instructor's signature – at Admissions and RecordsMondayAugust 8

Second 5-Week session endsThursdayAugust 11

Fall 2005 Semester

Registration for Fall beginsMondayMarch 21

Late registration and Drop/Add. (No late fee)August 22-26

New Student Orientation (8 am-noon)SaturdayAugust 20
 Special Saturday registration available (9 am-12 pm)SaturdayAugust 20

Fall classes beginSaturdayAugust 20
 Last day to apply for December graduation at Admissions & Records ..FridayOctober 7

Last day for withdrawal WITHOUT an instructor's signature - at Admissions & RecordsFridayOctober 7

Last day withdrawal accepted from student - at Admissions and Records. Must Have Instructor's SignatureMondayNovember 28

Last day of regular classesSundayDecember 11

Final Exams (See Schedule on inside back cover)Monday-Thursday December 12-15

Fall Semester endsFridayDecember 16
 Fall 2005 grades will be available via web/by phone (480-731-8255) January 2006.

*** Grades are no longer mailed to students. You may access your grades online via the Phoenix College website at www.phoenixcollege.edu**

MARCH 2005

S	M	T	W	R	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

APRIL 2005

S	M	T	W	R	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

MAY 2005

S	M	T	W	R	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

JUNE 2005

S	M	T	W	R	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

JULY 2005

S	M	T	W	R	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

AUGUST 2005

S	M	T	W	R	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

SEPTEMBER 2005

S	M	T	W	R	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

OCTOBER 2005

S	M	T	W	R	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

NOVEMBER 2005

S	M	T	W	R	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

DECEMBER 2005

S	M	T	W	R	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

Who Can Attend?

Phoenix College's open admission policy means that anyone can attend who:

- is a high school graduate
- has earned a GED
- is at least 18 years old and not attending high school, OR a high school student who has the permission of a parent, the high school, and the Phoenix College Admission office.

PC's Express Registration

1 Phone*

Call 602-285-7777 for Operator Assisted. Call 480-731-8255 for Touch-Tone Telephone Registration.

Please have all information requested on column two before calling.

2 Walk-In

You may register in person for immediate course confirmation by coming to the Admissions and Records Building. See page 3 for office hours.

3 Internet*

You may register via the internet by logging onto PC's homepage at www.phoenixcollege.edu

4 Mail or FAX*

Simply complete the registration forms in this schedule (or a photocopy of them) and FAX or mail them to: Phoenix College, 1202 West Thomas Road, Phoenix, Arizona 85013. Please use a different form for each person registering.

All FAX and mail-ins **must arrive** in our office no later than **three weeks before the semester starts**. **Do not include payment**; an invoice will be mailed to you. If an invoice is not received, call 602-285-7502. See page 3, Academic Calendar for fee due date.

- FAX - 602-285-7813
- Forms on page 11 & 13

*Some restrictions may apply – see,

How Do I Register?

How Do I Register?

Step 1: Complete Student Information Form

A Student Information Form, available at Admissions and Records (A & R) during office hours, must be on file with that office prior to Assessment and Advisement. See pages 12 and 13 for additional information.

- Who Needs to Complete a Student Information Form? New students and returning students who have not attended Phoenix College since Summer 2003. Forms are available at Admissions and Records during regular hours.

Special Note: A special application is required for the Health Occupation curriculums. Submit an application to the Program Advisor for Health Professions and Nursing in the Advisement Center. Students will be notified by letter regarding acceptance to the program.

Step 2: Complete Assessment

New and returning students must take a district approved placement test if:

- enrolling in English, reading or mathematics courses.
- if placement tests were taken more than two years ago.
- you do not have a high school diploma or GED and wish to apply for federal financial aid while enrolled in an eligible degree or certificate program.

Call 602-285-7844 for placement testing schedule. See page 5 for "**Assessment Scores and Course Placement**".

Step 3: Seek Advisement

Academic advisement is available prior to and during registration periods. Students are encouraged to seek advisement early.

Advisement is recommended for all students and required for all students who are:

- receiving financial aid or veterans' benefits.
- working toward a degree or certificate.
- registering for EMT, FSC, and special permission courses.

Call 602-285-7110, for information on Phoenix College Academic/Occupational Programs, and their Advisors.

Step 4: Submit Registration/ Advisement Form

Complete and submit a Registration/ Advisement Form, available at Admissions and Records during office hours and printed in this schedule on pages 11-12. Registration dates and locations are listed on page 3, or call 602-285-7800 for more information.

Step 5: Pay Tuition and Fees

Tuition and fees are due by the date indicated on your student schedule/invoice. Payment may be made by cash, check, money order, Visa, Discover, MasterCard, American Express, or with financial aid resources. See page 9 for tuition chart and information.

Step 6: Obtain Parking Decal

All vehicles must be registered with the Safety Office and display a current parking decal. Parking decal's are free.

Emissions Compliance: Beginning January 1, 1989, all students must sign an affidavit on the Registration/Advisement Form (see page 11) at the time of registration stating their vehicles are in compliance with emissions inspection guidelines. Vehicles not in compliance cannot be parked on college property.

Step 7: Obtain Photo I.D. Card

New I.D. cards may be obtained in the Student Life & Leadership office beginning **May 23, 2005 for Summer and August 8, 2005 for Fall** during the following times:

Regular Semester Hours:
Monday-Thursday 7:30 am - 7:00 pm
Friday 7:30 am - 4:00 pm

(Summer & Winter break hours will differ. Call 602-285-7231 for information.)

Paid fee receipts, plus a picture I.D. (driver's license, military I.D., etc.) are required to pick up student I.D. There is no charge for your initial card, which is valid for three years, provided you are currently enrolled. Update stickers are no longer required. Replacement cards are \$5. For more information, call 602-285-7231.

Students are strongly encouraged to consult with an advisor prior to registration. It is assumed that students registering by phone, mail, or FAX have received or waived advisement and are responsible for their own course selection. Registration may be subject to cancelation if appropriate prerequisite has not been completed as listed in the Phoenix College Catalog.

Placement Scores and Course Recommendations

The ASSET (Assessment of Skills for Successful Entry and Transfer), COMPASS and ACCUPLACER (Computer Adaptive Testing), and CELSA (English as a Second Language Test) are used as guides for proper course placement and to provide students an opportunity for greater academic success.

* Note: Placement sample tests can be viewed at the following website:
http://www.dist.maricopa.edu/eddev/students/course_placement/

ASSET	COMPASS	ACCUPLACER	COURSE PLACEMENT
Writing Skills	Writing Skills	Writing Skills	
23 – 32	01 – 27	00 – 50	ENG 061 or ESL 067 if ESL
33 – 34	28 – 37	51 – 54	Decision Zone: Please see an advisor
35 – 38	38 – 58	55 – 70	ENG 071 or ESL 077 if ESL
39 – 40	59 – 69	71 – 74	Decision Zone: Please see an advisor
41 – 50	70 – 96	75 – 91	ENG 101 First or ENG 107 if ESL
51 – 54	97 – 100	92+	ENG 101 - Honors
Reading Skills	Reading Skills	Reading Skills	
23 – 30	01 – 39	NA	RDG 081 or take the CELSA if ESL
31 – 34	40 – 60	NA	RDG 081
35 – 36	61 – 68	NA	Decision Zone: Please see an advisor
37 – 40	69 – 80	NA	RDG 091
41 – 41	81 – 82	NA	Decision Zone: Please see an advisor
42 – 46	83 – 90	NA	CRE 101
47 – 53	91 – 100	NA	CRE Exempt
Num. Skills	Pre-Algebra	Arithmetic	
23 – 35	0 – 28	0-39	MAT 081/082/083
36 – 40	29 – 45	40-63	Decision Zone: Please see an advisor
41 – 55	46 – 100	64-119	MAT 090/091/092, MAT 102 or take Elementary Algebra test
Elem. Algebra	Algebra	Algebra	
23 – 28	0-17	0-22	Take the Numerical Skills test or MAT 081/082/083
29 – 35	18-29	23-39	MAT 090/091/092, MAT 102
36 – 40	30-40	40-49	Decision Zone: Please see an advisor
41 – 55	41-50	50-69	MAT 120/121/122 or take the Intermediate Algebra test
Inter. Algebra	Algebra	Algebra	
23 – 28	–	–	Take the Elementary Algebra test
29 – 35	41 – 50	50 - 69	MAT 120/121/122
36 – 40	51 – 59	70 - 79	Decision Zone: Please see an advisor
41 – 55	60 – 100	80 - 119	MAT 140/141/142, MAT 150/151/152, MAT 182**/187 or take the College Algebra test **MAT 182 if enrolled in MAT 150/151/152
College Alg.	College Alg.		
23 – 28	0 – 22	0 – 22	Take the Intermediate Algebra test
29 – 35	23 – 40	23 – 39	MAT 142, MAT 150/151/152, MAT 187
36 – 40	41 – 50	40 – 53	Decision Zone: Please see an advisor
41 – 55	51 – 100	54 – 119	MAT 156/157, MAT 167, MAT 172, MAT 182**/187, MAT 212, MAT 220/221 **MAT 182 if enrolled MAT 150/151/152

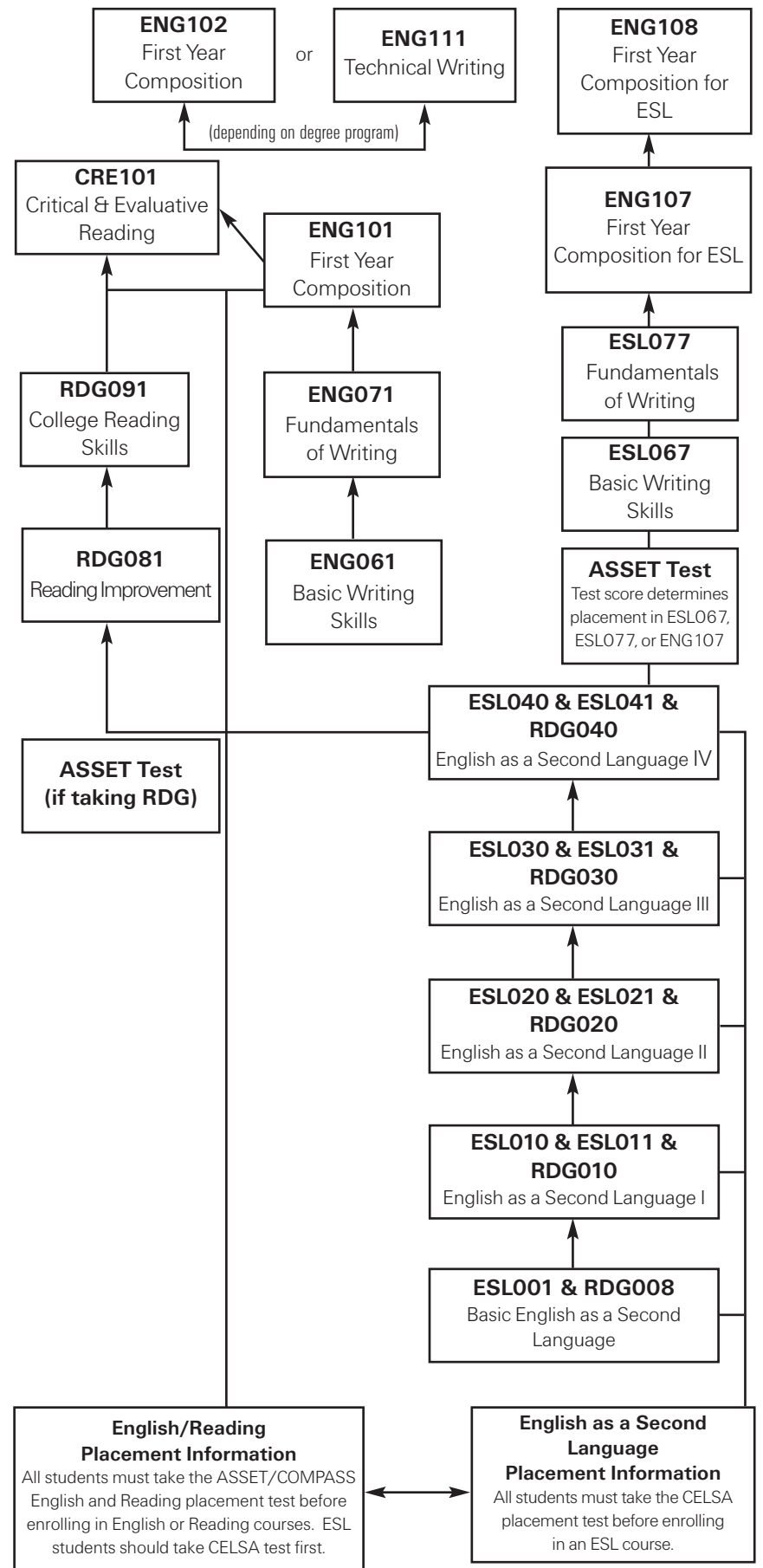
* Approved calculators are allowed for the Algebra tests.

CELSA **

BASIC I	0-7	ESL001 Basic English RDG008 Phonics	BASIC II	8-15	ESL002 RDG008 Phonics
LEVEL 1	16-29	ESL010 ESL011 RDG010	LEVEL 2	30-38	ESL020 ESL021 RDG020
LEVEL 3	39-50	ESL030 ESL031 RDG030	LEVEL 4	51-66	ESL040 ESL041 RDG040
LEVEL 5	65-75	Take ASSET ENG & RDG test			

**Subject to change per federal regulation.

English, ESL, and Reading Course Sequence



* Additional ESL courses including grammar, reading, pronunciation, and self-paced labs are available and recommended.

How Do I Register By Telephone?

Beginning March 21, you may register by telephone:

- if the class has not already started.
- if you are not on financial aid or financial, academic, or administrative hold.
- for any course that does not require special permission.
- for any course, including CRE, ENG, RDG, or MAT WITH RESTRICTIONS.*
*You must register in person if current placement scores are not on file at Phoenix College; if scores do not place you into desired class (e.g., placed in "decision zone").
Applies only to Operator Assisted Registration Only
- You may pay by telephone with VISA, MasterCard, Discover, or American Express by calling 602-285-7777; for alternatives, see "How Do I Pay?".
- **Please do not wait for an invoice to pay your tuition and fees. Unpaid enrollments may be canceled.**

Please Note: Students are strongly encouraged to consult with an advisor prior to registration. It is assumed that students registering by phone have received or waived advisement and are responsible for their own course selection. Registration may be subject to cancellation if appropriate prerequisite has not been completed as listed in the Phoenix College Catalog.

Operator-Assisted Registration For All Students—Available During Scheduled Office Hours

- Call 602-285-7777
- Have your student I.D. number available (usually your social security number).
- New students, have your completed student information form available (see pages 12 and 13).
- Have the section number(s) ready for the course(s) you have selected. Please have an alternative in case your first choice is not available. See pages 11 and 12 for registration forms.

Touch Tone Registration for Admitted Students

See page 3 for **Payment Schedule** and regular **Cashier Hours**. Payment may be made using VISA, MasterCard, NOVUS, or American Express, during Touch-Tone Registration.**

1. Call 480-731-8255
2. Press **01** for Phoenix College
3. Press **1** for Registration
4. Enter your Student ID # (usually your Social Security #)
5. Enter your **PIN # (Personal Identification Number)**. To change your PIN# follow directions after pressing 1 for registration.
6. Select term, press **1** for **Fall** press **4** for **Summer I** press **5** for **Summer II**
7. Enter your requests to **ADD** a course, press **1** Enter the Course Section Number The **Section Number** will be read back to you. Have alternate choices, because some classes might be closed or cancelled. To **Drop** a course, press **2** Enter the Course Section Number
8. To **Verify** your current course schedule, press **3**
9. To **Terminate** call, press ***9**

Please note: Withdrawals by Touch-Tone will only be processed prior to the first day of class. For information on withdrawals after the first day of class, contact the Admissions and Records Office.

**If payment process is not activated at time of registration, please call 602-285-7777 for payment by phone.

How Do I Pay?

Using cash, check, money order, or credit card (VISA, MasterCard, Discover, or American Express) you can:

- pay in person
- pay by phone by calling 602-285-7777 (credit card only).
- pay by mail (check and credit card only).
- pay by using the Touch-Tone Registration mode (using any of the above credit cards). Call 480-731-8255
- pay by internet at www.phoenixcollege.edu (credit card only).

How Do I Change My Schedule?

1. You may drop or add a course after you have registered by submitting a completed Schedule Change form to the Office of Admissions and Records.
2. You will be eligible for a refund or tuition credit only if you officially drop or withdraw from a class or the college within the deadlines specified in the refund chart and in accordance with the refund policies on page 8.
3. It is your responsibility to withdraw from class. If you do not officially withdraw, you may receive a failing grade and may be held accountable for all tuition and fees charged for course enrollment. See page 3 for withdrawal dates.
4. If you need to withdraw completely from the college, you must file your complete withdrawal (with instructor's signature) at the Office of Admissions and Records. See page 3 for withdrawal dates.

Note: Dates will vary for short-term classes.

How Do I Get Transcripts From Other Colleges Evaluated?

If a student wishes to have a transcript from another school evaluated for transfer credits, the student must:

1. Request an official transcript from the previous school(s) attended to be sent to Phoenix College, Admissions and Records. (Please note, the transcript must be mailed, not faxed, and sent directly to Phoenix College from the previous school(s).
2. The student must contact the Admissions Office at Phoenix College to verify receipt of the transcript and to request that it be evaluated.
3. The Admissions Office will send the evaluation results to the student approximately three weeks after the student's request.
4. The student must contact their advisor for review of the evaluation and degree requirements.



How Do I Get My Books and Supplies?

The bookstore management recommends that you purchase your books as early as possible. However, for English and open entry courses you should attend your first class session before purchasing your books.

Refunds- New and used textbooks may be returned for refund within 14 days from the official start of the semester with sales receipt. After that time, a two-business-day period is given. Courses cancelled by the school are always eligible for full refund with original sales receipt within 2 weeks from the scheduled start date. General merchandise is refundable in original (unopened) condition within 14 days of purchase with original sales receipt. Refunds will be honored only when they are accompanied by the proper sales receipt. All refunds, however, will be subject to the discretion of store personnel. No refunds during the last week of classes.

Payment- The bookstore accepts cash, check (must be an imprinted check with Arizona Driver's license/ID and a second form of Identification), Visa, Mastercard, Discover/Novus and American Express. All payments by check are at the discretion of the store management. If a financial aid award is made and funds are available for book purchase, a charge may be made against your financial aid account.

Buyback- Depending on market value, the bookstore buys back books year-round. The best time to sell back books is at the end of the semester.

Hours - The following schedule is subject to change.

Regular Business Hours

Monday-Thursday 8:00 am - 7:30 pm · Friday 8:00 am - 3:00 pm · Saturday 9:00 am - 1:00 pm

May 13 - August 11	Monday-Thursday 8:00 am - 6:00 pm
May 30	Closed in observance of Memorial Day
July 4	Closed in observance of Independence Day
May 31 - June 2	Tuesday-Thursday 8:00 am - 7:00 pm

During the summer months, the Bookstore will be closed
Fridays, Saturdays, Sundays, and School observed holidays

August 15-20 Monday - Thursday 8:00 am - 7:30 pm
Friday 8:00 am - 4:00 pm
Saturday 8:00 am - 2:00 pm

August 20-27 Monday - Thursday 8:00 am - 8:00 pm
Friday 8:00 am - 5:00 pm
Saturday 9:00 am - 2:00 pm

efollett
NEW & USED COLLEGE TEXTBOOKS
.com

Phone: (602) 285-7489

FAX: (602) 230-2081

E-mail: bookstore@pcmail.maricopa.edu

Visit our website – reserve your books!
efollett.com

Dear Phoenix College students,

Some of the courses you have registered for may be participating in assessment outcome measurements. This means that your instructor might be submitting one of your assignments to the assessment evaluation team for review. All information is kept confidential. Please refer to Outcomes Assessment, noted under the Maricopa Values in the Phoenix College catalog. Members of the various assessment committees and I are available if you wish to learn more about student outcome assessments.

Sincerely,
Casandra Kakar, Acting Vice President, Academic Affairs

Following are general education learning outcome statements for Phoenix College:

Information Literacy Learning

The student will be able to recognize when information is needed, identify appropriate types of information, and locate, evaluate, and use information effectively, ethically, and legally.

Numeracy

Students will use numerical concepts and data effectively.

Critical Thinking

Phoenix College students will learn to examine the parts of an issue to clarify the whole, judge the value of two or more things or ideas that are put side by side, and identify a trend or line of reasoning and its consequences.

Occupational Programs

1. Occupational Programs at PC will prepare students for the workforce.
2. Students in Occupational Programs at PC will exhibit professional behaviors.

Oral Presentation

Phoenix College students in college level courses will be able to plan and deliver an oral presentation to a target audience at a satisfactory level.

Writing

Students will use writing skills to communicate effectively.

ESL

Phoenix College students will be able to construct sentences using the competencies of levels 1, 2, 3, and 4 grammar. In addition, they will be able to write a composition in any given mode that has a title and an introduction with a main idea. The composition will also contain support, correct mechanics, organization and unity, and simple, compound and complex sentences.

Developmental Education

The developmental student will have mastery of the rudimentary concepts and/or structural frameworks used in the areas of math, English, and reading, which will prepare him/her for college level courses.

REFUND POLICY

Students who officially withdraw from credit classes (in fall, spring, or summer) within the withdrawal deadlines listed below will receive a 100% refund for tuition, class and registration processing fees. Deadlines that fall on a weekend or a college holiday will advance to the next college workday except for classes 1-9 calendar days in length or as specified by the college. Withdrawal deadlines for a 100% refund will be printed on the student invoice. Calendar days include weekdays and weekends.

Length of Class	Official Withdrawal Deadlines for 100% Refund
1-9 Calendar days	Prior to the class start date
10-19 Calendar days	1 Calendar day including the class start date
20-29 Calendar days	2 Calendar days including the class start date
30-39 Calendar days	3 Calendar days including the class start date
40-49 Calendar days	4 Calendar days including the class start date
50-59 Calendar days	5 Calendar days including the class start date
60-69 Calendar days	6 Calendar days including the class start date
70+ Calendar days	7 Calendar days including the class start date

* Course fees and registration processing fees will be refunded only if the student qualifies for a 100% refund.

All refunds and deposits that may be due a student will first be applied to debts owed to the college.

Refunds for students receiving federal financial assistance are subject to federal guidelines.

1. A student with a serious illness, verifiable by a doctor's written statement that the illness prevents the student from attending all classes for the semester. The doctor's statement must be on file with the college before a refund can be given.
2. Serious illness or death of a family member that prevents the student from attending all classes for the semester. Appropriate documentation must be provided before a refund can be given.
3. Death of a student. Appropriate documentation must be provided before a refund can be given.

Requests for a total withdrawal from the college for one of the above reasons may result in a prorated refund of tuition, provided courses have not been completed.

A student in the Armed Forces or the Arizona National Guard who is called to active duty and assigned to a duty station, verifiable by a copy of the orders, will be allowed to withdraw and receive a 100% refund of tuition, provided courses have not been completed.

Obtaining a Refund

Refunds of check payments will be made only after 30 days after posting of the applicable payment(s). Earlier processing is possible upon presentation of evidence of successful clearance of the payment. Such evidence may include a canceled check, bank statement, etc. **DO NOT BYPASS THE REFUND PROCESS BY PLACING A 'STOP PAYMENT' ON A CHECK MADE PAYABLE TO THE COLLEGE** (see Fees and Debt Policy in the current College Catalog).

Refunds of credit card payments are made only to the credit card on which the original payment was processed.

Refunds of cash and check payments are made and issued only in check form. No refunds of cash are available.

ALL REFUNDS IN THE FORM OF A CHECK WILL BE MAILED. Refunds sent by mail will be sent to the address of record on file with the College.

Official Withdrawal

A withdrawal is official upon receipt in the Admissions & Records Office, as of the date received. Failure to attend selected courses may or may not result in your withdrawal from courses, or eligibility for refund.

Please call (602) 285-7502.

Students who officially withdraw from courses in the Admissions & Records Office within these deadlines are eligible for a refund of appropriate tuition and fees. Refunds are processed and distributed by Cashiers Office.

Refund distribution is not always automatic. Refunds MAY be requested in person or by phone at (602) 285-7522. All students who officially withdraw from the college or individual classes (in fall, spring, or summer) by the withdrawal process set forth in the catalog will receive a refund based on the refund policy. (Deadlines that fall on a weekend or a college holiday will advance to the next college workday.)

Refund Guidelines

In accordance with the policies of the Governing Board of the Maricopa County Community College District, the College is authorized to make full or partial refunds to those students who meet one of the following.

Refund Policy For Non-credit Classes

Unless otherwise specified, students must drop non-credit classes prior to the class start date to be eligible for a 100% refund.

Canceled Classes

When a class is canceled by the college, a 100% refund will be made.

Other Refunds

Students withdrawing from college for one of the following reasons must submit a written request for a refund to the Office of Admissions and Records or designated college official.

Financial Aid Check Distribution

The Cashiers Office will mail grant, scholarship, and EFT (Electronic Funds Transfer) Federal Stafford Loan checks up to ten days before classes begin if you meet the following criteria:

- You have a grant or scholarship award for the semester.
- You are enrolled in the proper credit hours for which you were awarded a grant or scholarship.
- All of your classes begin the first week of the semester.
- You are in a program of study that is eligible for federal financial aid.
- You have provided Admissions and Records with a current Maricopa County address.
- You have maintained the standards as outlined in the Procedures for Satisfactory Academic Progress for Financial Aid Eligibility.
- Your grant and/or scholarship award(s) is/are more than your costs for the semester.
- You are not a first time borrower and you have attended the required loan entrance session.

If any of the above does not apply, the financial aid check may not be available for immediate mailing.

First-time freshman borrowers are required to wait until 30 days after classes have been in session before their Federal Stafford or Perkins Loan checks are mailed.

Residency

Residency is determined at the time the Student Information Form is submitted. Students under 18 years of age may be assigned the dependent residency status of their parents or legal guardians. Students 18 years of age or over may be assigned residency based on their own proof of legal residence.

Out-of-County/Out-of-State students should note that **RESIDENCY IS NOT CHANGED AUTOMATICALLY.** Proper documentation must be filed, reviewed, and approved before residency status will be changed. For further information, contact the Office of Admissions and Records.

TUITION & FEES 2005 - 2006

The figures below do not include lab/course fees or textbooks/supplies.
Tuition and/or fees are subject to change by the MCCC D Governing Board.

Registration Processing Fee (per student/semester/college)	.. \$5.00
Maricopa Resident (per credit hour)	..... \$55.00
Out-of-County and Out-of-State (per credit hour - 1-6 credits)	..... \$80.00
*Out-of-County (per credit hour - 7 or more credits)	..... \$220.00
Out-of-State (per credit hour - 7 or more credits)	..... \$220.00
Audit Rate (per credit hour plus regular tuition)	..... \$25.00
Credit by Evaluation (per credit hour)	..... \$42.50
Credit by Examination (per credit hour)	..... \$42.50
Hybrid User Fee (per course)	..... \$10.00
Internet (PC WEBCT) User Fee (per credit hour)	..... \$5.00
Open Computer Lab Usage Fee (Alumni Only NC 500 #9098)	..... \$10.00
Returned Check Fee (per check)	..... \$15.00
Transcript Fee (per transcript)	..... \$5.00

Some courses may have additional lab fees without a notation in the schedule. The footnote "4" preceding section numbers denotes a course fee. See catalog for other fees. **All fees will be assessed at the time of registration.** Special and miscellaneous fees will not be refunded.

*Residents of Apache, Gila, Greenlee, and Santa Cruz counties should obtain an Out-of-County Affidavit at the Cashiers Office at the time of registration, complete the form, and leave it with the Cashier. Out-of-County tuition is not charged to residents of Arizona counties which have recognized community colleges.

Hope and Lifetime Learning Tax Credits

The Taxpayer Relief Act of 1997 (TRA97) provides tax benefits for many students and families who are paying higher education costs for themselves and members of their families. Most of these benefits became available in 1998.

Students and families will be responsible for determining whether or not they are eligible and which of their tuition and fee payments qualify for the tax credits.

Students who want to take advantage of the tax credit need to ensure that Phoenix College has their correct social security number, name and address on file so the college can prepare required reports for tax reporting purposes.

For more information on educational tax benefits, contact your tax advisor.

Voter Registration

Voter registration forms are now available to all students in the Information Center or may be requested at the following web site:
www.sosaz.com/election/VoterRegistration.htm
efund accompanied by a copy of the student's military orders must be made within six months of the student's withdrawal.

PREVIEWS OF SUCCESS FALL 2005

Student Orientation

Saturday, August 20, 2005

8 a.m. – 12 p.m.

Bulpitt Auditorium

Attend workshops to learn about

- Student Success Strategies
- What your Teachers expect from you
- Test Taking Strategies
- Student Services and Resources How to Successfully Apply for Scholarships
- Student Life and Leadership Opportunities at Phoenix College



★ Refreshments · Campus Tours · Raffle Prizes ★

The Orientation program is free to all new and continuing students.

Free! Register for NC 500, Section 9000 to attend

* Every effort will be made to provide interpreters for students needing assistance in other languages, or special accommodations. Please contact the Office of Recruitment and Retention at 602/285-7415 or visit us in D-102 by August 12, 2005.

The Maricopa County Community College is an EEO/AA Institution



Measles Immunization

Several serious communicable illnesses can be completely prevented by means of an immunization. In recent years, measles/rubella has been an especially serious problem on college and university campuses.

As a control measure to safeguard your health and to prevent illnesses which could interrupt your education, you are urged to seek immunization for these illnesses if you were born after January 1957. Contact your doctor or the county health department before classes start.

Accreditation & Equal Opportunity Statements

Phoenix College, one of the Maricopa Community Colleges, is accredited by the Commission on Institutions of Higher Education of the North Central Association of Colleges and Schools. The Maricopa Community College District and Phoenix College do not unlawfully discriminate against individuals on the basis of race, color, religion, national origin, sex (including sexual harassment and pregnancy), handicap/disability, age and disabled or Vietnam era veteran status in any of its policies or practices in compliance with Title VI and VII

of the Civil Rights Act of 1964, as amended; the Civil Rights Act of 1991; Title IX of the Education Amendments Act of 1972; Sections 503 and 504 of the Rehabilitation Act of 1973; the Americans with Disabilities Act; the Vietnam Era Veterans Readjustment Act of 1974, as amended; the Age Discrimination in Employment Act of 1967, as amended; and the Age Discrimination Act of 1975. This nondiscrimination policy covers all aspects of the employment relationship and admission to, access to, and treatment of students in the Maricopa County Community College District's programs and activities including vocational education. This policy also prohibits discrimination on the basis of sexual orientation in the admission and treatment of students in the Maricopa County Community College District's programs and activities and in the hiring, treatment, promotion, evaluation, and termination of employees.

Declaración de Igualdad de Oportunidades

Es la póliza de los Colegios Comunitarios del Condado de Maricopa proveer igualdad en las oportunidades de empleo mediante un programa continuo positivo. Esto significa que Maricopa no discriminará o tolerará discriminación en contra de ningún aplicante o empleado debido a su raza, color, religión, sexo, orientación sexual, nacionalidad, edad, incapacidad o por ser veterano incapacitado. Agregando, es la póliza de los Colegios Comunitarios proveer para cada aplicante y empleado un ambiente libre de acoso sexual como también de acoso e intimidación referente a la raza, color, religión, sexo, orientación sexual, nacionalidad, edad y condición de veterano de cualquier individuo.

Morris F. Johnson, Vice-Presidente de Asuntos Estudiantiles Phoenix College
Número de teléfono: (602) 285-7228

Las instituciones de Maricopa County Community Colleges sostienen todas las reglas no-discriminatorias de igualdad estatales y federales.



Student Information Form (PLEASE PRINT)

Form containing sections: 1. SEMESTER OF ENROLLMENT, *SOCIAL SECURITY NUMBER, 2. LEGAL NAME, 3. FORMER NAME(S), 4. MAILING ADDRESS, 5. CITY, STATE, 6. ZIP CODE, 7. HOME PHONE, BUSINESS PHONE, EXT., E-MAIL ADDRESS, RESIDENCY, 8a. COUNTRY OF ORIGIN, 8b. COUNTRY OF ORIGIN, 9. Are you currently a member of the U.S. ARMED FORCES, 10a. What date did you present stay in Arizona, 10b. In what Arizona county do you now reside?, PREVIOUS EDUCATION, 11. UNIVERSITY/COLLEGE/VOCATIONAL SCHOOL, 12. HIGH SCHOOL (Check one box.)

Department Directory

Applied Arts & Human Sciences

Sylvia Phillips Office: DB-301 602-285-7287

Courses:

CFS Child Family Studies
 ECH Early Childhood Education
 FON Food & Nutrition
 INT Interior Design
 TEC Textiles & Clothing

Applied Business

Kathy Green Office: B-242 . 602-285-7357

Courses:

BPC Business & Personal Computers
 BTO Business Technology for the Office
 CNT Cisco Networking Technology
 ITS Information Security Technology
 MGT Management
 MKT Marketing
 MST Microsoft Technology
 OAS Office Automation Systems
 SBS Small Business Management
 TQM Total Quality Management
 TVL Travel Agent Technology

Art/Photography

Roman Reyes Office: F-203 . . 602-285-7277

Courses:

ARH Art Humanities
 ART Art
 ASB Anthropology (SOC/Behavioral Science)
 ASM Anthropology (Science/Math)
 MMT Multimedia Technology

Biology

Mark Rosati Office: DB-210 602-285-7101

Courses:

BIO Biology

Business

Cindy Cloud Office: B-330 . 602-285-7387

Courses:

ACC Accounting
 CIS Computer Information Systems
 GBS General Business
 HIP Home Inspection Program
 IBS International Business
 REA Real Estate
 SBU Society and Business

Chemistry

Jeanne Arquette Office: C-302 . . 602-285-7438

Courses:

CHM Chemistry

Communication, American Sign Language, Theatre & Film

Geoff Eroo Office: H 215 . . 602-285-7319

Courses:

COM Communications
 CWE Career Work Experience
 IPP Interpreter Preparation Program
 SLG Sign Language
 STO Storytelling
 TCM Telecommunications
 THE Theatre
 THP Theatre Performance/Production

Counseling

Queta Chavez Office: HC 602-285-7392

Courses:

AAA Advancing Academic Achievement
 CPD Counseling & Personal Development

Cultural & Applied Social Sciences

Cynthia Viera Office: E-113 . . 602-285-7241

Courses:

AFR African American Studies
 AJS Administration of Justice
 CHD Social Work/Chemical Dependency
 JAS Justice Agencies Support
 SOC Sociology
 SWU Social Work
 WST Women's Studies

Dental Programs

Kristin Anderson Office: R-101 . . 602-285-7324

Courses:

DAE Dental Assisting
 DHE Dental Hygiene

Emergency Medical Technology/Fire Science

Kay Lewis Office: PSB-10 602-285-7207

Courses:

EMT Emergency Medical Technology
 FSC Fire Science

English/Humanities

Nancy Matte Office: B-156 . . 602-285-7347

Courses:

CRW Creative Writing
 ENG English
 ESL English as a Second Language
 ENH English Humanities
 HUM Humanities

Foreign Language

Virginia Foster Office: A-208 . . 602-285-7169

Courses:

ARB Arabic
 CHI Chinese
 FRE French
 GRE Greek
 ITA Italian
 JPN Japanese
 LAT Latin
 NAV Navajo
 SPA Spanish
 SPH Spanish Humanities

Gerontology

Rose Pfefferbaum Office: C-226 . 602-285-7587

Courses:

FPA Fiduciary Practices in Arizona
 GRN Gerontology

Health Core Curriculum

Veronique Parker Office: G 115 . . 602-285-7760

Courses:

HCC Health Core Curriculum

Health Care Education Professions

Liz Ligon Office: G 117 . . 602-285-7611

Courses:

HCE Health Care Education

Health/Enhancement & Lifetime Activities

Liz Ligon Office: G 117 . . 602-285-7611

Courses:

DAH Dance Humanities
 GCO Golf Course Operations
 HES Health Science
 PED Physical Education/Dance
 REC Recreation/Recreational Resources/Facilities
 Mgmt Mgmt
 WED Wellness/Therapeutic Massage

Health Information Technology

Bonnie Petterson Office: C-219 . . 602-285-7149

Courses:

HIT Health Information Technology

Industrial Technology

Jesse Mireles Office: E-214 . . 602-285-7222

Courses:

BLT Building Safety & Construction Technology
 CET Civil Engineering Technology
 DFT Drafting Technology
 GTC General Technology
 WLD Welding Technology

Legal Studies

Edlyn Durr Office: B-264A 602-285-7216

Courses:

LAS Legal Assisting
 TCA Tribal Court Advocacy

Liberal Arts

Albert Celozza Office: A-126 . . 602-285-7651

Courses:

AIS American Indian Studies
 CCS Chicana & Chicano Studies
 ECN Economics
 EDU Education
 HIS History
 PHI Philosophy
 POS Political Science
 REL Religious Studies

Library Science

Elizabeth Saliba Office: L 602-285-7457

Courses:

LBS Library Skills
 LBT Library Technology
 IFS Information Literacy

Mathematics

Cleopatria Martínez Office: A-243 . 602-285-7390

Courses:

MAT Mathematics

Music

Milas Yoes Office: M-108 . 602-285-7876

Courses:

MHL Music: History/Literature
 MTC Music: Theory/Composition
 MUC Music: Commercial/Business
 MUP Music: Performance

Nursing

Margaret Souders Office: C-129 . . 602-285-7133

Courses:

HCR Health Care Related
 NCE Nursing: Continuing Education
 NUR Nursing

Physics

Don Speed Office: E-112A 602-285-7244

Courses:

AST Astronomy
 ECE Engineering
 GCU Cultural Geography
 GLG Geology
 GPH Physical Geography
 PHS Physical Science
 PHY Physics

Psychology

Marian Gibney Office: DB-317 602-285-7259

Courses:

PSY Psychology

Reading

Cindy Ortega Office: H-235 . 602-285-7319

Courses:

CRE Critical Reading
 RDG Reading

Summer Course Offerings

Accounting (ACC)	18	Health Core Curriculum (HCC)	30, 44	Reading (RDG)	27-28
Advanced Cardiac Life Support (EMT)	25	Health Care Related (HCR)	30	Religious Studies (REL)	42
Anthropology (ASB)	18	Health Information Technology (HIT)	33	Real Estate (REA)	42
American Sign Language (SLG)	18	Histology (HCE)	34		
Arabic (ARB)	19	History (HIS)	34	Senior Wellness (PED)	33
Art (ART)	19-21, 44	Humanities (HUM)	28, 34	Sign Language (SLG)	18
Art Humanities (ARH)	19			Society and Business (SBU)	29, 42
		Information Security Technology (ITS)	34	Spanish (SPA)	42, 45
Biology (BIO)	21-22, 44	Interior Design (INT)	34-35	Speech (COM)	23
Business/Personal		Interpreting-American Sign			
Computers (BPC/OAS)	22-23	Language (SLG)	18		
		Italian (ITA)	35	Textiles & Clothing (TEC)	43
				Theatre (THE)	43
Chemistry (CHM)	22-23	Legal Assisting (LAS)	35, 45	Therapeutic Massage (WED)	43
Child and Family Studies	23	Legal Secretarial	35		
Clothing (TEC)	43			Web Design (ART)	20-21
Commercial Food Preparation (FON)	28-29	Mathematics (MAT)	36-37		
Communication (COM)	23	Media Arts (ART)	20-21, 44		
Computer Graphic Art (ART)	20-21, 44	Medical Assisting (HCE)	37		
Computer Information Systems (CIS)	24	Medical Billing (HIT)	33		
Counseling (CPD)	24	Medical Coding (HIT)	33		
Critical Reading (CRE)	41	Music: Appreciation/History/ Literature (MHL)	38		
Creative Writing (CRW)	26	Music: Electronic/Studio Music (MTC)	38		
Culinary Studies (FON)	28-29	Music: Performance (MUP)	38		
		Music: Performance Class Piano (MUP)	38		
		Music: Performance Class Voice (MUP)	38		
Dance (PED)	31				
		Nursing (NUR)	38-39, 45		
Economics (ECN)	25	Nutrition (FON)	28-29		
Education (EDU)	25				
Emergency Medical Technology (EMT)	25-26	Office Automation Systems (OAS)	39, 40		
English (ENG)	26-28				
English as a		Paralegal (LAS)	35, 44		
Second Language (ESL/RDG)	26-28	Phlebotomy (HCE)	37		
English Humanities (ENH)	28	Philosophy (PHI)	40		
		Photography (ART)	21		
Fashion Design (TEC)	43	Physical Education (PED)	31-33		
Film Studies (HUM, THE)	28, 34, 43	Physics (PHY)	40		
Fire Science (FSC)	28	Political Science (POS)	40		
Fitness Center (PED)	31-34	Professional Food & Beverage			
Food & Nutrition (FON)	28-29	Services (FON)	28-29		
Food Service Administration (FON)	28-29	Psychology (PSY)	40-41, 44		
General Business (GBS)	29				
Gerontology & Elder Care (GRN)	30				

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3-WEEK SESSIONS

May 16, 2005 - June 2, 2005

Please note that the first and second week of PCXpress meets Monday through Thursday. The third week of classes meets Tuesday through Thursday, unless otherwise specified.

- May 16** First day of PCXpress classes
- May 30** Campus closed in observance of Memorial Day
- May 16-18** Late Registration, 7:30 am - 7:00 pm
- June 2** Last day of PCXpress classes

Note: Refund for dropped or changed classes through the first 3 days of classes.

Complete General Education and Elective Credits in 11 days or less!

Subject Code	Course Title		\$	Credits	Subject Code	Course Title		\$	Credits	Subject Code	Course Title		\$	Credits			
Fmt.	Sect #	Bldg/Rm	Days	Time	Instructor	Fmt.	Sect #	Bldg/Rm	Days	Time	Instructor	Fmt.	Sect #	Bldg/Rm	Days	Time	Instructor

Communication/Speech

COM100 Introduction to Human Communication \$165 3

Theory and practice of communication skills in public, small group, and interpersonal settings. Includes study of the speech communication process. Prerequisites: None.

0461	H 102	MTWR	8:30-12:10P	A Mintz
5461	H 109	MTWR	5:45-9:25P	R Randon

Economics

ECN111 Macroeconomic Principles \$165 3

A descriptive analysis of the structure and functioning of the American economy. Emphasis on basic economic institutions and factors that determine national income and employment levels. Consideration given to the macroeconomic topics of national income, unemployment, inflation and monetary and fiscal policies. Prerequisites: None.

0562	A 111	MTWR	7:30-2:00P	S Thorpe
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Section 0562 meets 2 weeks 05/23 - 06/02.

English - Creative Writing

CRW240AB Studio Workshop I: Publishing Your Work \$55 1

Studio course focusing on elements of publication including manuscript preparation, appropriate markets, query, and cover letters. Prerequisites: None.

5535	B 106	TWR	5:45-9:50P	L Herring
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Section 5535 meets 1 week 05/16 - 05/19.

English

ENG061 Basic Writing Skills \$165 3

Emphasis on basic writing skills, including grammar and mechanics necessary to write clear and correct sentences in paragraphs. Prerequisites: Appropriate English placement test score, or ENG056 with a grade of "C" or better, or permission of department/division chair.

1	0759	B 108	MTWR	8:30-12:30P	Staff
1	5731	B 108	MTWR	5:40-9:40P	Staff

ENG071 Fundamentals of Writing \$165 3

Emphasis on the fundamentals of sentence, paragraph, and multi-paragraph structure. Prerequisites: Appropriate English placement test score, or ENG056 with a grade of "C" or better, or ENG061 with a grade of "C" or better, or permission of department/division chair.

1	0761	B 105	MTWR	8:30-12:30P	Staff
1	5733	B 105	MTWR	5:40-9:40P	Staff

ENG101 First-Year Composition \$165 3

Standard English writing skills. Emphasis on expository composition. Prerequisites: Appropriate English placement test score or (a grade of "C" or better in ENG071).

1	0767	B 101	MTWR	8:30-12:30P	Staff
1	0769	B 101	MTWR	10:00-2:00P	Staff
1	5735	B 101	MTWR	5:40-9:40P	Staff

ENG102 First-Year Composition \$165 3

Continued development of standard English writing skills. Introduction to research, note taking, organization, and documentation in the preparation and writing of a research paper. Prerequisites: ENG101 with a grade of "C" or better.

1	0773	B 107	MTWR	8:30-12:30P	Staff
1	0775	B 106	MTWR	10:00-2:00P	Staff
1	5737	B 107	MTWR	5:40-9:40P	Staff

Film Studies

HUM205 Introduction to Cinema \$165 3

Survey of the history and development of the art of motion pictures, including criticism of aesthetic and technical elements. Prerequisites: None.

1	1191	T 101	MTWR	8:30-12:10P	Staff
1	7351	T 101	MTWR	5:45-9:25P	Staff

THE205 Introduction to Cinema \$165 3

Survey of the history and development of the art of motion pictures, including criticism of aesthetic and technical elements. Prerequisites: None.

1	2081	T 101	MTWR	8:30-12:10P	Staff
1	7353	T 101	MTWR	5:45-9:25P	Staff

Psychology

PSY101 Introduction to Psychology \$170 3

To acquaint the student with basic principles, methods and fields of psychology such as learning, memory, emotion, perception, physiological, developmental, intelligence, social and abnormal. Prerequisites: None.

4	1811	DB 328	MTWR	8:00-11:40A	Staff
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Therapeutic Massage

WED218 Aromatherapy \$80 1

Physiology of aromatherapy; methods of use; preparation of oils; uses in sports, beauty care, massage, child care, health care, at work, and in the home. Prerequisites: None.

4	2116	OSW205	T	9:00-1:30P	K McLaren
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Section 2116 meets 3 weeks 05/17 - 05/31.

Summer 2005 Class Schedule

How to Read the Summer Class Schedule

Schedule of Classes Key

Footnotes (FTNT)

- 1 = Prerequisite Required 6 = Honors Program Only
 2 = Pass/No Credit 7 = Lab Section Required
 3 = Permission of Instructor 8 = Concurrent Registration
 4 = Additional Fee Required Required

Days

- M = Monday T = Tuesday W = Wednesday
 R = Thursday F = Friday S = Saturday
 U = Sunday

\$ = Add \$5 registration fee/student/semester

Notes:

- Students must attend first class meeting to ensure class position.
- Registration in class with overlapping times is not permitted.
- Each credit student will be assessed a one-time per semester \$5 registration fee.
- HYBRID classes meet in the classroom and online.
- HYBRID courses have a \$10 per course user fee
- WEBCT courses have a \$5 per credit hour user fee.

	Subj. Code Fnt. Sect #	Course Title Bldg/Rm	Days	Time	*\$	Credits Instructor
Subject Heading	LEGAL ASSISTING					
Department Chair/Program Director	Department Chair: Program Director:				Ms. E. Durr Mr. S. Hauert	
Special Note	Note: All students registering for LAS classes must have a Legal Assisting Advisor's signature on the course request form excepting only LAS101.					Course Title
Subject Code & Course Number	LAS109 Legal Procedures I				\$100	3 Credit Hours
Course Note	Pretrial issues in the areas of civil and criminal procedure in both Arizona and federal systems. Emphasis on the drafting of pleadings and the application of procedural rules pertinent to the early stages of litigation. Prerequisites or Corequisites: LAS101 or permission of department chairperson or program director/coordinator.					
Section Code	Summer I Day - Session					
Building and Room	1 4	2646 B 103	MTWR	11:00-11:50A	G Gray	Instructor
Summer Sessions	Summer I Evening - Session					
Section Note (refers only to section on line above unless otherwise stated)	1 4	7116 PSB 24	TR	7:05-9:45P	W White	Time
	1 4	7120 MesaS1	MW	7:10-8:25P	B Black	Days
	Section 7120 meets at Mesa Community College.					Evening/ Weekend
	Summer II Day - Session					
Footnote	1 4	2648	PC WEBCT			Staff
Special Dates	1 4	7122 H 205	SU	TBA	G Green	Courses Are Highlighted
Online course	Section 7122 meets 3 Weeks 06/05-06/20					To Be Arranged

Please Note: The above is an example only not actual course information.

Refer to the example below when filling out your Advisement/Registration Form

Please Note: The following course information is an example only.

LAS109 Legal Procedures I \$100 3

Pretrial issues in the areas of civil and criminal procedure in both Arizona and federal systems. Emphasis on the drafting of pleadings and the application of procedural rules pertinent to the early stages of litigation. Prerequisites or Corequisites: LAS101 or permission of department chairperson or program director/coordinator.

1 4 7120 MesaS1 MW 7:10-8:25P B Black
 Section 7120 meets at Mesa Community College.

	SUBJECT CODE	SECTION CODE	DAYS	BEGIN TIME	END	CREDIT HOURS
1.	LAS109	7120	MW	7:10 pm	8:25 pm	3
2.						

Subj. Code	Course Title	*\$	Credits
Ftnt.	Sect # Bldg/Rm		Instructor

The following schedule of classes is subject to change without notice: In addition to the fees listed, each credit student will be assessed a one-time per semester \$5 registration fee.

Carefully check the start and stop dates for individual classes. Many are non-standard, starting early, or late, or extending before or beyond the day or evening sessions. All non-standard session times will show the length of the class.

Accounting

Department Chair: Mrs. C. Cloud
 Program Director: Mrs. B. Jenkins

Students pursuing a Business Department certificate or degree program and all Business transfer students are strongly encouraged to seek advisement from a Business Department faculty member. Stop by B330 or call 602-285-7387.

ACC111 Accounting Principles I \$170 3
 Fundamental theory of accounting principles and procedures. Prerequisites: None.

Summer I Day - Session
 4 0020 B 317 MTWR 9:10-11:10A Staff

Summer I Evening - Session
 4 5020 B 317 MW 6:00-8:35P Staff

Summer II Day - Session
 4 3012 B 327 MTWR 7:00-9:00A Staff

ACC230 Uses of Accounting Information I \$170 3
 Introduction to the uses of accounting information for internal and external purposes with emphasis on financial statement analysis. Prerequisites: Grade of "C" or better in ACC111 or ACC211, or a grade of "C" or better in (ENG101 and MAT151 and CRE101), or equivalent, or satisfactory score on District placement exam.

Summer I Day - Session
 1,4 0024 B 317 MTWR 7:00-9:00A Staff

Summer I Evening - Session
 1,4 5024 B 327 MW 6:00-8:35P Staff

ACC240 Uses of Accounting Information II \$170 3
 Introduction to the uses of accounting information for internal and external purposes with emphasis on analysis for use by management. Prerequisites: ACC230.

Summer I Evening - Session
 1,4 5028 B 317 TR 6:00-8:35P Staff

Summer II Day - Session
 1,4 3016 B 317 MTWR 7:00-9:00A Staff

Students must see Diane Stark prior to enrolling in any of the Accounting Internship courses.

ACC270AA Accounting Internship \$60 1
 Accounting work experience in a business or industry. Eighty hours of designated work per credit per semester. Maximum of 3 credits allowed. Prerequisites: Departmental approval.

Summer I Day - Session
 1,3,4 0030 TBA OE/OE OE/OE D Stark

ACC270AB Accounting Internship \$115 2
 Accounting work experience in a business or industry. Eighty hours of designated work per credit totaling 160 hours per semester. Maximum of 3 credits allowed. Prerequisites: Departmental approval.

Summer I Day - Session
 1,3,4 0032 TBA OE/OE OE/OE D Stark

ACC270AC Accounting Internship \$170 3
 Accounting work experience in a business or industry. Eighty hours of designated work per credit totaling 240 hours per semester. Maximum of 3 credits allowed. Prerequisites: Departmental approval.

Summer I Day - Session
 1,3,4 0034 TBA OE/OE OE/OE D Stark

American Sign Language/Interpreting

Department Chair: Dr. G. Eroo
 Program Director: Ms. K. Hilder
 Advisors: Ms. D. Sleeper, Ms. T. Miller, Ms. J. Salisbury

SLG090AA Speedy Sign Language I \$55 1
 Introduction of techniques for communicating with deaf people using American Sign Language (A.S.L.). Expressive and receptive sign skills, manual alphabet, numbers, and basic sign vocabulary. Prerequisites: None.

Summer I Evening - Session
 8290 H 113 MW 6:00-7:55P Staff
 Section 8290 meets 4 weeks 06/01 - 06/22.

SLG090AB Speedy Sign Language II \$55 1
 Use American Sign Language (A.S.L.) to converse about feelings, family members, other people, clothing, events according to proper tense, and to count to one hundred. Prerequisites: SLG090AA.

Summer I Evening - Session
 1 8292 H 113 MW 6:00-7:50P Staff
 Section 8292 meets 4 weeks 06/27 - 07/20.

Subj. Code	Course Title	*\$	Credits
Ftnt.	Sect # Bldg/Rm		Instructor

SLG103 Introduction to Deafness \$55 1
 History and development of American Sign Language and English codes. Overview of education for hearing-impaired children. Common adaptive devices used by this special population. Prerequisites: None.

Summer I Evening - Session
 8294 H 113 TR 5:30-7:45P C Clarke
 Section 8294 meets 3 weeks 05/17 - 06/02.

SLG110 Fingerspelling I \$110 2
 Introduction to basic fingerspelling techniques. Concentration on receptive and expressive skills including manual alphabet production and numbers. Focus on methods, theory, and applications. Prerequisites: SLG101, or permission of department/division.

Summer I Evening - Session
 1 8296 H 119 TR 5:30-7:10P L Zahnen

The following SLG class requires a Program Advisor's signature.

SLG201 American Sign Language III \$220 4
 Linguistics of American Sign Language (A.S.L.) including non-manual behaviors and signing English idioms with conceptual accuracy. Emphasis on practical application of A.S.L. skills, expanded vocabulary, and cross-cultural communication. Prerequisites: SLG102 with a grade of "C" or better, or permission of department/division. Suggested but not required: (ENG101 or ENG107) and, (CRE101 or CRE111 or exemption by score on the reading placement test (ASSET)).

Summer I Evening - Session
 1 8298 H 118 MTWR 5:45-7:30P Staff

Anthropology

Department Chair: Mr. R. Reyes

ASB223 Buried Cities and Lost Tribes: New World \$165 3
 Introduction to archaeology through discoveries and the researchers who made them. Emphasis on methods of archaeological fieldwork and what these discoveries reveal about humanity, including the nature of archaeological inquiry, the development of human social groups, the changing role of religion in evolving societies, the origins of agriculture, the origins of settled lifeways, the rise of cities and complex societies, political strife across different cultures and the forces which fragment societies. Examples drawn from North American, Central America, and South America. Prerequisites: None.

Summer I Day - Session
 0152 GUANAJUATO, MEXICO V Betz
 Section 0152, meets in Guanajuato, Mexico, for complete information see page 45.

Summer I Day - Session	Summer I Evening - Session	Summer II Day - Session
June 6 - July 7	June 6 - July 28	July 11 - August 11
HIGHLIGHTED section lines denote a course offered in the evening or weekend.		

Subj. Code Course Title *\$ Credits
Fnt. Sect # Bldg/Rm Days Time Instructor

Arabic

Department Chair: Dr. V. Foster
Evening Coordinator: Ms. D. Escalante

ARB101 Elementary Arabic I \$225 4

Introduction to the basic alphabet, grammar, pronunciation and vocabulary of the Arabic language. Listening, speaking, reading and writing skills. Prerequisites: None.

Summer I Evening - Session

4 5060 A 102 TR 5:30-8:50P Abdul-Quadir

Art/Photography

Department Chair: Mr. R. Reyes

Art Humanities

ARH100 Introduction to Art \$168 3

Understanding and enjoyment of art through study of painting, sculpture, architecture design, photography, and decorative arts. Emphasis on contemporary topics and cultural diversity in the arts. Prerequisites: None.

Summer I Day - Session

4 0102 F 120 MTWR 11:20-1:20P P Reed

Summer I Evening - Session

4 5102 F 120 MW 6:00-8:45P H Bierly

Summer II Day - Session

4 3120 F 120 MTWR 11:20-1:20P P Reed

ARH101 Prehistoric through Gothic Art \$168 3

History of art from prehistoric through medieval period. Prerequisites: None.

Summer I Day - Session

4 0104 F 120 MTWR 9:10-11:10A P Reed

IRELAND

Section 0104 meets 4 weeks 05/17 - 06/07 and meets in Ireland, for complete information see page 20.

ARH102 Renaissance Through Contemporary Art \$168 3

History of art from around the world from the Renaissance through contemporary period. Prerequisites: None.

Summer II Day - Session

4 3124 F 120 MTWR 9:10-11:10A P Reed

Art

ART105 Art Beyond the Classroom \$55 1

Visual arts experience. Includes field trips to galleries, museums, and collections as well as art lectures, demonstrations, and varied studio experiences. May be repeated for a total of four credits. Prerequisites: None.

Summer I Day - Session

0112 IRELAND Staff

Section 0112 meets 4 weeks 05/17 - 06/07 and meets in Ireland, for complete information see page 20.

ART111 Drawing I \$175 3

Fundamental principles of drawing. Emphasis on composition and facility in objective and expressive representation, using variety of drawing media. Prerequisites: None.

Summer I Day - Session

4 0114 F 101 MTWR 9:00-1:45P Staff

Summer I Evening - Session

4 5114 F 206 MT 6:00-10:00P J Kula

ART122 Drawing and Composition II \$175 3

Emphasis on composition and exploration of drawing media. Prerequisites: ART111.

Summer I Day - Session

1,4 0116 F 101 MTWR 9:00-1:45P Staff

Summer I Evening - Session

1,4 5116 F 206 MT 6:00-10:00P J Kula

ART161 Ceramics I \$180 3

Introduction to ceramic materials and techniques of hand construction, decorating, glazing and throwing on potters' wheel. Prerequisites: None.

Summer I Day - Session

4 0120 F 121 MTWR 9:00-1:45P J Peterson

ART162 Ceramics II \$180 3

Major emphasis on wheel throwing, glaze making and decorating techniques. Prerequisites: ART161.

Summer I Day - Session

1,4 0122 F 121 MTWR 9:00-1:45P J Peterson

ART167 Painting I \$175 3

Exploration of technical and expressive possibilities of various painting media in easel painting. Prerequisites: (ART111 and ART112), or permission of instructor.

Summer I Evening - Session

1,4 5122 F 101 MW 6:00-10:00P S Missal

ART168 Painting II \$175 3

Continued refinement of painting skills and investigation of new possibilities in painting. Prerequisites: ART167 or permission of instructor.

Summer I Evening - Session

1,4 5124 F 101 MW 6:00-10:00P S Missal

ART267 Painting III \$175 3

Development of materials and techniques of painting. Individual problem-solving. Prerequisites: ART168 or permission of instructor.

Summer I Evening - Session

1,4 5132 F 101 MW 6:00-10:00P S Missal

ART268 Painting IV \$175 3

Advanced problem in painting. Study with greater emphasis on personal expression. Prerequisites: ART267 or permission of instructor.

Summer I Evening - Session

1,4 5136 F 101 MW 6:00-10:00P S Missal

ART290 Studio Art 3

Studio course for art majors allowing continuation in a subject field. Prerequisites: All 100 and 200-level courses in subject matter area, or permission of instructor.

Summer I Day - Session

4 0140 F 121 MTWR 9:00-1:45P J Peterson

Section 0140 Adv. Ceramic Techniques \$180

Summer I Evening - Session

1,4 5140 F 101 MW 6:00-10:00P S Missal

Section 5140 Adv. Painting Techniques \$175

ART295AA Art Workshop/Seminar: Drawing \$55 1

Advanced level workshop/seminar in art disciplines. Prerequisites: Minimum of three (3) credits introductory and three (3) credits intermediate level courses in specific field, or permission of Department/Division Chair.

Summer I Day - Session

0144 IRELAND Staff

Section 0144 meets 4 weeks 05/17 - 06/07 and meets in Ireland, for complete information see page 20.

ART295AC Art Workshop/Seminar: Drawing \$175 3

Advanced level workshop seminar in art disciplines. Prerequisites: Minimum of three (3) credits introductory and three (3) credits intermediate level courses in specific field, or permission of Department/Division Chair.

Summer I Evening - Session

1,4 5144 F 206 MT 6:00-10:00P J Kula

Summer I Day - Session

June 6 - July 7

Summer I Evening - Session

June 6 - July 28

Summer II Day - Session

July 11 - August 11

HIGHLIGHTED section lines denote a course offered in the evening or weekend.

Phoenix College Study Abroad

IRELAND

at CHARLEVILLE CASTLE

SUMMER 2005

DATES

May 17th through June 7th*

COURSES



ART 105 sec. 0112 Art Beyond the Classroom-1 credit
ART 295AA sec. 0144 Art Workshop/Seminar: Drawing-1 credit
ART 295EA sec. 0146 Art Workshop/Seminar: Painting-1 credit
ART 295FA sec. 0148 Art Workshop/Seminar: Watercolor-1 credit
ART 142 sec. 0118 Intro to Digital Photography- 3 credits
ART 199SA sec. 0134 Digital Storytelling- 3 credits
ART 298 Special Projects 1 - 3 credits
ARH 101 sec. 0104 Prehistoric through Gothic Art- 3 credits
ARH 298 Art History Special Projects - 1 credit
MHL 143 sec. 1460 Music in World Cultures- 3 credits
MHL 298AA sec. 1464 Music History Special Projects-1 credit
MEP 298AA sec. 1532 Music Performance Special Projects-1 credit
 All 298 1- 3 credit courses require instructor approval prior to enrollment.
 Please see the web site for more detailed course and registration information.

DETAILS

Classes held onsite at Charleville Castle in Tullamore
Two full weeks of classes with guest lectures
Optional four day tour of counties Offaly, Cork, and Kerry
Field trip to Clonmacnoise
Farewell dinner with music and entertainment
Breakfast at hotel daily
Lunch daily during class days
Computer lab available for digital students
Trip approximate cost: \$2900*

CONTACT

The Phoenix College Art Department at (602) 285-7277
 or email dale.doubleday@pcmail.maricopa.edu
 For up to date information visit the website:
<http://www.pc.maricopa.edu/art/ireland>
 Total fees due to Phoenix College cashier's office by
 March 27th, 2005. Please specify Ireland Study Abroad 2005.
 *Dates and costs are approximate and actual dates will be posted when
 travel arrangements have been finalized. Single occupancy extra.

Subj. Code	Course Title	Days	Time	*\$	Credits
Fnt.	Sec #	Bldg/Rm			Instructor

ART295EA Art Workshop/Seminar: Painting \$55 1
 Advanced level workshop seminar in art disciplines.
 Prerequisites: Minimum of three (3) credits introductory and three (3) credits intermediate level courses in specific field or permission of Department/Division Chair.

Summer I Day - Session
 0146 IRELAND Staff
Section 0146 meets 4 weeks 05/17 - 06/07 and meets in Ireland, for complete information see page 20.

ART295FA Art Workshop/Seminar: Watercolor \$55 1
 Advanced level workshop seminar in art disciplines.
 Prerequisites: Minimum of three (3) credits introductory and three (3) credits intermediate level courses in specific field or permission of Department/Division Chair.

Summer I Day - Session
 0148 IRELAND Staff
Section 0148 meets 4 weeks 05/17 - 06/07 and meets in Ireland, for complete information see page 20.

Media Arts

ART100 Introduction to Computer Graphic Art \$60 1
 Conceptualization, visualization, and production of art using the computer. Prerequisites: None.

Summer I Day - Session
 4 0110 F 201 MTWR 9:00-5:00P Staff
Section 0110 meets 1 week 06/13 - 06/16.

ART169 Two-Dimensional Computer Design \$180 3
 Generation of electronic two-dimensional images and traditional methods of visual problem solving. Understanding of computer techniques and art presentation methods. Prerequisites or Corequisites: ART100 or permission of instructor.

Summer I Day - Session
 1,4 0126 PC WEBCT Beakley-Mercill
Section 0126 meets 8 weeks 06/06 - 07/28. PC WEBCT is an online course, for complete instruction see page 44.

ART180AD Designer's Tools: Adobe Illustrator \$60 1
 Introduction to the multiple elements of Adobe Illustrator, a visual art adaptation software package using the Macintosh microcomputer. Basic foundation course in the use of electronic techniques, including appropriate input and output production devices. Prerequisites: ART100 or permission of instructor.

Summer I Day - Session
 1,4 0130 F 209 MTWR 9:00-5:00P Staff
Section 0130 meets 1 week 06/13 - 06/16.

Summer I Day - Session	Summer I Evening - Session	Summer II Day - Session
June 6 - July 7	June 6 - July 28	July 11 - August 11
HIGHLIGHTED section lines denote a course offered in the evening or weekend.		

Subj. Code	Course Title	*\$	Credits
Fnt.	Sect # Bldg/Rm	Days	Time

ART180AE Designer's Tools: Adobe Photoshop \$60 1

Introduction to the multiple elements of Photoshop software package using the microcomputer. Basic foundation in the use of electronic techniques including appropriate input and output production devices. Prerequisites: ART100 or permission of instructor.

Summer II Day - Session

4	3132 F 209	MTWR	9:00-5:00P	R Reyes
Section 3132 meets 1 week 07/11 - 07/14.				
4	3134 F 209	MTWR	9:00-5:00P	R Reyes
Section 3134 meets 1 week 07/18 - 07/21.				

ART199SA Digital Storytelling \$190 3

Enables students to find and develop their personal stories. Emphasis on the use of digital technology to create, edit, produce and archive a five-minute story. Prerequisites: None. Course Note: This course has many applications including the archiving of personal stories and histories to promotional spots and portfolio pieces.

Summer I Day - Session

4	0134 IRELAND			D Doubleday
Section 0134 meets 4 weeks 05/17 - 06/07 and meets in Ireland, for complete information see page 20.				

ART290 Studio Art \$165 3

Studio course for art majors allowing continuation in a subject field. Prerequisites: All 100 and 200-level courses in subject matter area, or permission of instructor.

Summer I Day - Session

0142	IRELAND			Staff
Section 0142 meets 3 weeks 05/17 - 06/07 and meets in Ireland, for complete information see page 20.				

Photography

ART131 Photography I \$215 3

Basic black and white photographic principles and techniques. Camera functions and controls. Darkroom experience in film processing and printmaking. Camera required. Prerequisites: None.

Summer I Evening - Session

4	5120 F 239	TR	6:00-10:00P	Kronengold
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ART142 Introduction to Digital Photography \$190 3

Fundamentals of digital photography. Includes camera operations, exposure techniques, introduction to digital output, and theory of digital photography. Prerequisites: None. Course Note: Digital camera required.

Summer I Day - Session

4	0118 IRELAND			Staff
Section 0118 meets 4 weeks 05/17 - 06/07 and meets in Ireland, for complete information see page 20.				

Subj. Code	Course Title	*\$	Credits
Fnt.	Sect # Bldg/Rm	Days	Time

Biology

Department Chair: Mr. M. Rosati

MOST BIOLOGY COURSES ARE NOT 5 WEEK COURSES. PAY CAREFUL ATTENTION TO THE START AND END DATES.

BIO100 meets General Studies requirements in the Natural Sciences. Students enrolling in BIO100 must register for one lecture section and one lab section.

BIO100 Biology Concepts \$230 4

A one-semester introductory course covering basic principles and concepts of biology. Methods of scientific inquiry and behavior of matter and energy in biological systems are explored. Field trips may be required at students' expense. Prerequisites: None.

Summer II Day - Session

4,7	3210 C 204	MTWR	7:00-8:50A	D Bode
Section 3210 meets 6 weeks 07/05 - 08/11.				

BIO100 Laboratory for BIO100 \$12 0

Summer II Day - Session

4	3212 DB 105	MW	9:15-1:00P	D Bode
Section 3212 meets 6 weeks 07/06 - 08/10.				
4	3214 DB 105	TR	9:15-1:00P	D Bode
Section 3214 meets 6 weeks 07/05 - 08/11.				

BIO156 meets prerequisite requirement for some Allied Health Programs, consult an Advisor. Students enrolling in BIO156 must register for one lecture section and one lab section.

BIO156 Introductory Biology for Allied Health \$230 4

An introductory biology course for allied health majors with an emphasis on humans. Topics include fundamental concepts of cell biology, histology, microbiology, and genetics. Prerequisites: None.

Summer I Day - Session

4,7	0230 DB 201	MTWR	7:00-8:50A	B Cole
Section 0230 meets 6 weeks 05/23 - 06/30.				

BIO156 Laboratory for BIO156 \$15 0

Summer I Day - Session

4	0236 DB 106	MW	9:00-12:45P	B Cole
Section 0236 meets 6 weeks 05/23 - 06/29.				
4	0238 DB 106	TR	9:00-12:45P	B Cole
Section 0238 meets 6 weeks 05/24 - 06/30.				

BIO160 meets prerequisite requirement for some Allied Health Programs, consult an Advisor. Students enrolling in BIO160 must register for one lecture section and one lab section.

Subj. Code	Course Title	*\$	Credits
Fnt.	Sect # Bldg/Rm	Days	Time

BIO160 Introduction to Human Anatomy and Physiology \$230 4

Principles of scientific method. Structural organization, homeostasis and control mechanisms of the body. Specific chemistry concepts. Structure and function of the major systems of the body. Prerequisites: None.

Summer I Day - Session

4,7	0244 C 204	MTWR	7:00-8:50A	J Kennedy
Section 0244 meets 6 weeks 05/23 - 06/30.				

BIO160 Laboratory for BIO160 \$25 0

Summer I Day - Session

4	0250 DB 109	MW	9:15-1:00P	J Kennedy
Section 0250 meets 6 weeks 05/23 - 06/29.				
4	0252 DB 109	TR	9:15-1:00P	J Kennedy
Section 0252 meets 6 weeks 05/23 - 06/30.				

BIO181 is a program prerequisite or course requirement for Pre-Professionals and Medical Technology. Students enrolling in BIO181 must register for one lecture section and one lab section.

BIO181 General Biology (Majors) I \$245 4

Principles of structure and function of living things at molecular, cellular, and organismic levels of organization. Field trips may be required at students' expense. Prerequisites: None.

Summer I Day - Session

4,7	0258 DB 225	MTWR	12:00-1:50P	Staff
Section 0258 meets 6 weeks 05/23 - 06/30.				

BIO181 Laboratory for BIO181 \$25 0

Summer I Day - Session

4	0260 DB 108	MW	2:10-5:45P	Staff
Section 0260 meets 6 weeks 05/23 - 06/29.				
4	0262 DB 108	TR	2:10-5:45P	Staff
Section 0262 meets 6 weeks 05/24 - 06/30.				

BIO201 meets prerequisite requirement for some Allied Health Programs, consult an Advisor. Students enrolling in BIO201 must register for one lecture section and one lab section.

BIO201 Human Anatomy and Physiology I \$245 4

Study of structure and function of the human body. Topics include cells, tissues, integumentary system, skeletal system, muscular system, and nervous system. Prerequisites: BIO156, or BIO181, or equivalent, or permission of instructor.

Summer I Day - Session

1,4,7	0264 DB 225	MTWR	8:00-9:50A	F Brenoe
Section 0264 meets 6 weeks 05/23 - 06/30.				

Summer I Day - Session	Summer I Evening - Session	Summer II Day - Session
June 6 - July 7	June 6 - July 28	July 11 - August 11

HIGHLIGHTED section lines denote a course offered in the evening or weekend.

Subj. Code	Course Title	*\$	Credits
Fnt.	Sect # Bldg/Rm		Instructor

BIO201 Laboratory for BIO201 \$25 0**Summer I Day - Session**

1,4	0268 DB 114	MW	10:15-2:00P	F Brenoe
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Section 0268 meets 6 weeks 05/23 - 06/29.

1,4	0270 DB 114	TR	10:15-2:00P	F Brenoe
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Section 0270 meets 6 weeks 05/24 - 06/30.

BIO202 meets prerequisite requirement for some Allied Health programs, consult an Advisor. Students enrolling in BIO202 must register for one lecture section and one lab section.

BIO202 Human Anatomy and Physiology II \$265 4

Continuation of structure and function of the human body. Topics include endocrine, circulatory, lymphatic, respiratory, digestive, urinary, and reproductive systems; and fluid and electrolyte balance. Prerequisites: BIO201 or permission of instructor.

Summer II Day - Session

1,4,7	3240 DB 201	MTWR	8:00-9:50A	Rheinfelder
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Section 3240 meets 6 weeks 07/05 - 08/11.

BIO202 Laboratory for BIO202 \$25 0**Summer II Day - Session**

1,4	3242 DB 114	MW	10:15-2:00P	Rheinfelder
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Section 3242 meets 6 weeks 07/06 - 08/10.

1,4	3244 DB 114	TR	10:15-2:00P	Rheinfelder
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Section 3244 meets 6 weeks 07/05 - 08/11.

BIO205 meets prerequisite requirement for some Allied Health Programs, consult an Advisor. Students enrolling in BIO205 must register for one lecture section and one lab section.

BIO205 Microbiology \$245 4

Study of microorganisms and their relationship to health, ecology, and related fields. Prerequisites: BIO156, or BIO181, or equivalent, or permission of instructor.

Summer I Day - Session

1,4,7	0280 DB 224	MTWR	9:00-10:50A	Cedergren-Healy
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Section 0280 meets 6 weeks 05/23 - 06/30.

Summer I Evening - Session

1,4,7	5204 DB 224	MW	5:30-8:05P	C Kioski
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1,4,7	5208 DB 224	TR	5:30-8:05P	N Hobson
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Summer II Day - Session

1,4,7	3250 DB 225	MTWR	8:00-9:50A	Cedergren-Healy
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Section 3250 meets 6 weeks 07/05 - 08/11.

BIO205 Laboratory for BIO205 \$50 0**Summer I Day - Session**

1,4	0282 DB 123	MW	11:30-3:15P	Cedergren-Healy
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Section 0282 meets 6 weeks 05/23 - 06/29.

1,4	0284 DB 123	TR	11:30-3:15P	Cedergren-Healy
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Section 0284 meets 6 weeks 05/24 - 06/30.

Subj. Code	Course Title	*\$	Credits
Fnt.	Sect # Bldg/Rm		Instructor

BIO205 Laboratory for BIO205 \$50 0**Summer I Evening - Session**

1,4	5206 DB 123	MW	5:30-8:05P	N Hobson
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1,4	5210 DB 123	TR	5:30-8:05P	C Kioski
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Summer II Day - Session

1,4	3252 DB 123	MW	10:15-2:00P	Cedergren-Healy
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Section 3252 meets 6 weeks 07/05 - 08/10.

1,4	3254 DB 123	TR	10:15-2:00P	Cedergren-Healy
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Section 3254 meets 6 weeks 07/05 - 08/11.

Business/Personal Computers

Department Chair: Ms. K. Green

See page 39 for Summer BPC, CIS, and OAS Open-Entry/Open-Exit classes.

Chemistry

Department Chair: Ms. J. Arquette

THE FOLLOWING CHEMISTRY CLASSES ARE NOT FIVE WEEK COURSES. PAY CAREFUL ATTENTION TO START AND END DATES. SUMMER I DAY CLASSES BEGIN THE WEEK OF MAY 23RD. SUMMER II DAY CLASSES BEGIN THE WEEK OF JULY 5TH

CHM090 Preparation for Fundamental Chemistry \$60 1

A developmental course designed to review basic math and chemistry principles of students deficient or insecure in these areas. Stresses individualized instruction and "hands-on" experience. Serves to prepare the student for CHM130. Prerequisites: None.

Summer I Day - Session

4	0390 TBA	TBA	TBA	Staff
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CHM130 Fundamental Chemistry \$165 3

Elements of general chemistry for all students. Serves to prepare the student for CHM151, or CHM230. Prerequisites: Grade of "C" or better in CHM090, or MAT091, or MAT092, or MAT102, or satisfactory score on math placement exam. Course Note: Course content designed to meet the needs of students in such areas as agriculture, home economics, nursing, and physical educational among others.

Summer I Day - Session

7	0392 C 329	MTWR	7:00-8:50A	Q Thacker
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Section 0392 meets 6 weeks 05/23 - 06/30.

Summer II Day - Session

7	3296 C 329	MTWR	7:00-8:50A	Q Thacker
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Section 3296 meets 6 weeks 07/05 - 08/11.

Subj. Code	Course Title	*\$	Credits
Fnt.	Sect # Bldg/Rm		Instructor

CHM130LL Fundamental Chemistry Laboratory \$65 1

Laboratory experience in support of CHM130. Prerequisites or Corequisites: CHM130.

Summer I Day - Session

4	0394 C 329	MW	9:00-12:50P	Q Thacker
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Section 0394 meets 6 weeks 05/23 - 06/29.

4	0396 C 329	TR	9:00-12:50P	Q Thacker
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Section 0396 meets 6 weeks 05/24 - 06/30.

Summer II Day - Session

4	3300 C 320	MW	9:00-12:50P	Q Thacker
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Section 3300 meets 6 weeks 07/06 - 08/10.

4	3298 C 324	TR	9:00-12:50P	Q Thacker
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Section 3298 meets 6 weeks 07/05 - 08/11.

CHM138 Chemistry for Allied Health \$165 3

Elements of fundamental and organic chemistry. Includes the general chemical behavior of inorganic matter and the structure of organic and biochemical systems. Course designed for specific allied health programs at MCCD. May not be applicable to other allied health programs or transferable. Prerequisites: Grade of "C" or better in CHM090; or one year of high school chemistry with a grade of "C" or better; or MAT092 or MAT102 or satisfactory score on placement exam.

Summer II Day - Session

1,7	3302 C 324	MTWR	1:00-2:50P	M Lajavardi
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Section 3302 meets 6 weeks 07/05 - 08/11.

CHM138LL Chemistry for Allied Health Lab \$75 1

Laboratory experience in support of CHM138, Chemistry for Allied Health. Prerequisites: None.

Summer II Day - Session

1,4	3304 C 324	MTW	3:00-6:50P	M Lajavardi
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Section 3304 meets 6 weeks 07/06 - 08/10.

CHM151 General Chemistry I \$165 3

A detailed study of the principles of chemistry. Designed for science majors and students in pre-professional curricula. Completion of CHM151LL required to meet the Natural Science requirement. Prerequisites: (CHM130 and CHM130LL) or one year high school chemistry with a grade of "C" or better, and completion of Intermediate Algebra or equivalent.

Summer I Day - Session

1,7	0398 C 324	MTWR	8:00-9:50A	E Ong
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Section 0398 meets 6 weeks 05/23 - 06/30.

Summer I Day - Session

June 6 - July 7

Summer I Evening - Session

June 6 - July 28

Summer II Day - Session

July 11 - August 11

HIGHLIGHTED section lines denote a course offered in the evening or weekend.

Subj. Code	Course Title	*\$	Credits		
Fnt.	Sec#	Bldg/Rm	Days	Time	Instructor

CHM151LL General Chemistry I Laboratory \$70 1

Laboratory experience in support of CHM151. Prerequisites: CHM130LL or equivalent. Prerequisites or Corequisites: CHM151.

Summer I Day - Session

1,4	0400	C 324	MTR	10:00-12:50P	M Elzein
Section 0400 meets 6 weeks 05/23 - 06/30.					
1,4	0402	C 320	MTR	10:00-12:50P	E Ong
Section 0402 meets 6 weeks 05/23 - 06/30.					

CHM152 General Chemistry II \$165 3

A study of the chemical properties of the major groups of elements, equilibrium theory, thermodynamics, electrochemistry, and other selected topics. Completion of CHM152LL required to meet the Natural Science requirement. Prerequisites: CHM151 and CHM151LL.

Summer II Day - Session

1,7	3310	C 324	MTWR	7:00-8:50A	M Elzein
Section 3310 meets 6 weeks 07/05 - 08/11.					

CHM152LL General Chemistry II Laboratory \$75 1

Laboratory experience in support of CHM152. Prerequisites: CHM151LL or equivalent. Prerequisites or Corequisites: CHM152.

Summer II Day - Session

1,4	3312	C 324	MW	9:00-12:50P	M Elzein
Section 3312 meets 6 weeks 07/06 - 08/10.					
1,4	3314	C 205	TR	9:00-12:50P	E Ong
Section 3314 meets 6 weeks 07/05 - 08/11.					

CHM154 General Chemistry II with Qual \$165 3

A study of the chemical properties of the major groups of elements, equilibrium theory, thermodynamics, kinetics, electrochemistry, and other selected topics. Includes qualitative analysis. Prepares students for all sophomore chemistry courses. Completion of CHM154LL required to meet the Natural Science requirement. Prerequisites: CHM151 and CHM151LL.

Summer II Day - Session

1,7	3320	C 324	MTWR	7:00-8:50A	M Elzein
Section 3320 meets 6 weeks 07/05 - 08/11.					

CHM154LL General Chemistry II with Qualitative Laboratory \$135 2

Laboratory experience in support of CHM154. Includes qualitative analysis. Prerequisites: CHM151LL or equivalent. Prerequisites or Corequisites: CHM154.

Summer II Day - Session

1,4	3322	C 329	MTWR	9:00-12:50P	M Elzein
Section 3322 meets 6 weeks 07/05 - 08/11.					

Subj. Code	Course Title	*\$	Credits		
Fnt.	Sec#	Bldg/Rm	Days	Time	Instructor

CHM235 General Organic Chemistry I \$165 3

Rigorous introduction to chemistry of carbon-containing compounds. Reaction mechanisms and recent methods of synthesis emphasized. Prerequisites: CHM152 and CHM152LL, or CHM154 and CHM154LL.

Summer I Day - Session

1,7	0404	C 320	MTWR	7:40-8:55A	S Lee
Section 0404 meets 8 weeks 05/31 - 07/21.					

CHM235LL General Organic Chemistry I Laboratory \$75 1

Laboratory experience in support of CHM235. Prerequisites: CHM152LL, or CHM154LL, or equivalent. Prerequisites or Corequisites: CHM235.

Summer I Day - Session

1,4	0406	C 320	TR	9:00-12:50P	S Lee
Section 0406 meets 8 weeks 05/31 - 07/21.					

Child and Family Studies

Department Chair: Mrs. S. Phillips
Program Director: Ms. A. McKenzie

The following one-credit courses must be attended both days. Students may register during regular registration or anytime prior to start of course if openings are available. If, for any reason, it is necessary to withdraw from the course, please contact the Admissions & Records Office. Failure to do so before the course begins will result in "no credit" and "no refund."

CFS101AH Art Activities for the Young Child \$60 1

The creative use of art media and techniques at appropriate developmental levels. Prerequisites: None.

Summer I Evening - Session

4	5382	PSB 27	S	8:30-4:00P	V McKenzie
Section 5382 meets on 06/11 and 06/18.					

ECH282 Discipline/Guidance of Child Groups \$60 1

Exploration of techniques for guiding children in groups with focus on individual child and adult needs for a disciplined environment. Prerequisites: None.

Summer I Evening - Session

4	8510	PSB 27	S	8:30-4:00P	V McKenzie
Section 8510 meets 2 weeks 07/09 - 07/16.					

Communication/Speech

Department Chair: Dr. G. Eroo

COM100 Introduction to Human Communication \$165 3

Theory and practice of communication skills in public, small group, and interpersonal settings. Includes study of the speech communication process. Prerequisites: None.

Summer I Day - Session

0462	H 102	MTWR	7:00-9:00A	W King
0464	H 102	MTWR	9:10-11:10A	Staff
0466	H 102	MTWR	11:20-1:20P	Staff

Summer I Evening - Session

5462	H 102	MW	6:00-8:35P	Staff
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Summer II Evening - Session

8502	H 109	MTWR	5:45-7:45P	Staff
Section 8502 meets 5 weeks 07/11 - 08/11.				

COM110 Interpersonal Communication \$165 3

Theory and practice of communication skills which affect day-to-day interactions with other persons. Topics may include using verbal and nonverbal symbols, interactive listening, resolving interpersonal conflict, developing and maintaining personal and professional relationships. Prerequisites: None.

Summer I Day - Session

0470	H 105	MTWR	9:10-11:10A	W King
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Summer I Evening - Session

5464	H 105	TR	6:00-8:35P	Staff
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COM225 Public Speaking \$165 3

Designed to improve one's self-confidence and self-concept through improving communication skills used in public speaking. To enhance each student's ability to present his/her ideas in an organized, time constrained format. To improve critical thinking skills and enhance student's ability to express himself or herself objectively, subjectively, and creatively. Prerequisites: ENG101 or ENG107, or equivalent.

Summer I Day - Session

0472	H 109	MTWR	11:20-1:20P	Staff
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Summer I Evening - Session

5466	H 102	TR	6:00-8:35P	Staff
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Summer I Day - Session	Summer I Evening - Session	Summer II Day - Session
June 6 - July 7	June 6 - July 28	July 11 - August 11

HIGHLIGHTED section lines denote a course offered in the evening or weekend.

Subj. Code	Course Title	*\$	Credits
Fnt.	Sect # Bldg/Rm	Days	Time

Computer Information Systems

Department Chair: Mrs. C. Cloud
 Program Director: Mrs. D. Stark

Students pursuing a Business Department certificate or degree program and all Business transfer students are strongly encouraged to seek advisement from a Business Department faculty member. Stop by B330 or call 602-285-7387.

CIS105 Survey of Computer Information Systems \$180 3

Overview of computer technology, concepts, terminology, and the role of computers in society. Discussion of social and ethical issues related to computers. Use of word processing, spreadsheet, database, and presentation software. Includes programming and use of the Internet. Exploration of relevant emerging technologies. Prerequisites: None.

Summer I Day - Session

4	0412 B 302	MW	7:00-9:00A	D Carnahan
	B 307	TR	7:00-9:00A	
4	0416 B 302	MW	9:10-11:10A	D Carnahan
	B 307	TR	9:10-11:10A	
4	0420 B 302	MW	11:30-1:30P	D Carnahan
	B 307	TR	11:30-1:30P	

Summer I Evening - Session

4	5412 B 323	M	5:30-8:05P	Staff
	B 302	W	5:30-8:05P	
4	5414 B 302	M	6:00-8:35P	Staff
	B 307	W	6:00-8:35P	
4	5416 B 302	T	6:00-8:35P	Staff
	B 307	R	6:00-8:35P	

Summer II Day - Session

4	3410 B 302	MW	7:00-9:00A	G Simpson
	B 307	TR	7:00-9:00A	
4	3412 B 302	MW	9:10-11:10A	G Simpson
	B 307	TR	9:10-11:10A	
4	3414 B 302	MW	11:30-1:30P	G Simpson
	B 307	TR	11:30-1:30P	

CIS159 Visual Basic Programming I \$180 3

Use of the Visual Basic programming language to solve problems using suitable examples from business or other disciplines. Prerequisites: CIS105 or permission of instructor.

Summer I Evening - Session

1,4	5420 B 307	T	5:30-8:50P	Staff
	B 302	R	5:30-8:50P	

Subj. Code	Course Title	*\$	Credits
Fnt.	Sect # Bldg/Rm	Days	Time

CIS162AD C#: Level I \$180 3

Introduction to C# programming including general concepts, program design, development, data types, operators, expressions, flow control, functions, classes, input and output operations, debugging, structured programming, and object-oriented programming. Prerequisites: CIS105 or permission of instructor.

Summer I Evening - Session

1,4	5424 B 323	TR	5:30-8:50P	Staff
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Students must see Diane Stark prior to enrolling in any of the Computer Information Systems Internship or Special Projects courses.

CIS290AA Computer Information Systems Internship \$60 1

Work experience in business or industry. Prerequisites: Permission of instructor.

Summer I Day - Session

1,3,4	0440 TBA	OE/OE	OE/OE	D Stark
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CIS290AB Computer Information Systems Internship \$115 2

Work experience in business or industry. Prerequisites: Permission of instructor.

Summer I Day - Session

1,3,4	0442 TBA	OE/OE	OE/OE	D Stark
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CIS290AC Computer Information Systems Internship \$170 3

Work experience in business or industry. Prerequisites: Permission of instructor.

Summer I Day - Session

1,3,4	0444 TBA	OE/OE	OE/OE	D Stark
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Counseling

Department Chair: Mrs. Q. Chavez

CPD101 Personal Development \$110 2

Designed to assist students in developing confidence in making personal, social, and educational decisions. Examination and assessment of individual needs, interests, abilities and values to develop and strengthen interpersonal communication, enhance transitional skills and identify realistic life planning goals. Prerequisites: None.

Summer II Day - Session

3460	A 101	MTW	11:20-1:10P	T Nunez
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Subj. Code	Course Title	*\$	Credits
Fnt.	Sect # Bldg/Rm	Days	Time

CPD102AB Career Exploration \$110 2

Designed to assist students making career choices. Focuses on self-assessment in terms of educational and career opportunities and reasonable possibilities in the world of work. Includes assessment for personal/career interests, values, needs, attitudes, skills, and other potential, and exploration of occupational information to establish career and educational goals. Prerequisites: None.

Summer II Day - Session

3462	A 200	MTW	11:20-1:10P	Staff
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CPD150AB Study Skills Development \$55 1

Emphasis on increasing student success through the use of study strategies including materials organization, note-taking, reading, test-taking, memory, and critical and creative thinking. Prerequisites: None.

Summer II Day - Session

3466	B 108	MW	9:10-10:50A	Staff
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CPD160 satisfies Cultural Awareness requirement for ASU and NAU.

CPD160 Introduction to Multiculturalism \$173 3

Examination of the multiple cultures and subcultures within the contemporary United States. Personal exploration of awareness and appreciation of multiculturalism. Activities for experiencing diverse cultural perspectives. Skills for recognizing, analyzing, and mediating cultural and psychological factors impacting conflict and accord between diverse cultures. Credit (P) or no credit (Z). Standard grading available according to procedures outlined in catalog. Prerequisites: None.

Summer II Day - Session

4	3468 A 200	MTWR	9:10-11:10AP	McIntyre
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CWE198AA Career/Work Experience \$55 1

Participation in a work experience, gaining on-the-job training, and/or exploring a career or field of choice. Helps students relate their education to the real work world. Resume writing and interviewing skills. Development of employability skills. Prerequisites: None.

Summer I Day - Session

1	0530 TBA	TBA	TBA	E Chavez
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CWE198AB Career/Work Experience \$110 2

Participation in a work experience, gaining on-the-job training, and/or exploring a career or field of choice. Helps students relate their education to the real work world. Resume writing and interviewing skills. Development of employability skills. Prerequisites: None.

Summer I Day - Session

1	0532 TBA	TBA	TBA	E Chavez
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Summer I Day - Session	Summer I Evening - Session	Summer II Day - Session
June 6 - July 7	June 6 - July 28	July 11 - August 11
HIGHLIGHTED section lines denote a course offered in the evening or weekend.		

Subj. Code	Course Title	*\$	Credits
Fnt.	Sect # Bldg/Rm	Days	Time

CWE198AC Career/Work Experience \$165 3

Participation in a work experience, gaining on-the-job training, and/or exploring a career or field of choice. Helps students relate their education to the real work world. Resume writing and interviewing skills. Development of employability skills. Prerequisites: None.

Summer I Day - Session

1	0534 TBA	TBA	TBA	E Chavez
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Economics

Department Chair: Dr. A. Celozza

ECN111 Macroeconomic Principles \$165 3

A descriptive analysis of the structure and functioning of the American economy. Emphasis on basic economic institutions and factors that determine national income and employment levels. Consideration given to the macroeconomic topics of national income, unemployment, inflation and monetary and fiscal policies. Prerequisites: None.

Summer I Day - Session

0562 A 111	MTWR	7:30-2:00P	S Thorpe
<i>Section 0562 meets 2 weeks 05/23 - 06/02.</i>			
0564 A 111	MTWR	8:00-9:50A	S Thorpe

HYBRID

Summer I Evening - Session

5562 A 105	MW	6:00-8:30P	Staff
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Summer II Day - Session

3500 A 111	MTWR	11:20-1:20P	Staff
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ECN112 Microeconomic Principles \$175 3

Microeconomic analysis including the theory of consumer choice, price determination, resource allocation and income distribution. Includes non-competitive market structures such as monopoly and oligopoly; and the effects of government regulation. Prerequisites: None.

Summer I Day - Session

0566 A 111	MTWR	10:00-11:50A	S Thorpe
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HYBRID

Summer I Evening - Session

5566 A 111	TR	6:00-8:30P	Staff
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Summer II Day - Session

3502 A 111	MTWR	9:10-11:10A	Staff
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Subj. Code	Course Title	*\$	Credits
Fnt.	Sect # Bldg/Rm	Days	Time

Education

Department Chair: Dr. Al. Celozza
 Program Director: Ms. O. Cañez

EDU221 Introduction to Education \$165 3

Overview of education and educational institutions in our society, including current issues, responsibilities, and qualifications of educators. Opportunity for students to assess their interest in this area. Prerequisites: None. Requires minimum of 30 hours of field experience in elementary or secondary classroom environment.

Summer I Day - Session

0580 A 105	MTWR	11:20-1:20P	Staff
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EDU222 Introduction to the Exceptional Learner \$165 3

Overview of the exceptional learner, one who differs from the average or normal, with emphasis on factors relating to current practices, identification, characteristics, and educational adaptations. Issues related to mildly disabled, severely disabled, emotionally and behaviorally disordered, mentally retarded, and gifted students. Includes school-based practicum. Prerequisites: None.

Summer I Day - Session

1 0582 A 110	MTWR	9:10-11:10A	Staff
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Emergency Medical Technology

Department Chair: Dr. K. Lewis
 Program Director: Mr. G. McDaniel

All Emergency Medical Technology students must be advised by EMT/FSC advisors. For information, call 602-285-7207. If for any reason, it is necessary to withdraw from a short-term EMT course, please contact Admissions and Records. Failure to do so BEFORE the course begins will result in "no credit" and "no refund".

EMT200 Refresher Course for Certified Emergency Medical Technicians \$145 2

Designed to meet National and Arizona Department of Health Services (A-DHS) recertification for EMTs. Enhances the knowledge base of the Emergency Medical Technician (EMT) and reinforces basic skills competencies. Prerequisites: Current basic EMT certification or permission of department.

Summer I Evening - Session

1,4 5600 PSB 15	SU	9:00-5:30P	D Sanchez
<i>Section 5600 meets 4 days 06/04, 06/05 & 06/11, 06/12</i>			

Summer II Day - Session

1,4 8520 PSB 15	SU	9:00-5:30P	D Sanchez
<i>Section 8520 meets 4 days 07/16, 07/17 & 07/23, 07/24</i>			
1,4 8522 PSB 15	SU	9:00-5:30P	D Sanchez
<i>Section 8522 meets 4 days 08/06, 08/07 & 08/13, 08/14</i>			

Subj. Code	Course Title	*\$	Credits
Fnt.	Sect # Bldg/Rm	Days	Time

EMT255AA Instructional Strategies For EMT Occupations \$80 1

Participative course to prepare all levels of EMT and/or nurses as instructors in EMT programs. Includes writing objectives, preparing class and course schedules, reviewing Arizona Department of Transportation Rules and Regulations, preparing for lecture, developing and using AV (audio visual) aides, processing assignments and exams, classroom discipline, counseling, and student/instructor evaluation methods. Prerequisites: Arizona Department of Health Services certification as a Basic EMT, or Intermediate EMT, or Advanced EMT (Paramedic), or Arizona registered nurse with two-years experience in emergency nursing.

Summer II Day - Session

4 0628 PSB 18	MTW	9:00-5:30P	B Dotterer K Lewis
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Section 0628 meets 2 weeks 05/17 - 05/24.

EMT241 Adv Cardiac Life Support Refresher \$48 .5

Designed for all levels of emergency medical technicians, nurses, physicians, and physicians' assistants to assure maintenance of didactic and psychomotor skill training in techniques of Advanced Cardiac Life Support according to the 1994 Standards and Guidelines of the American Heart Association. Includes endotracheal intubation, ECG arrhythmia recognition, synchronized, unsynchronized and automated defibrillation, cardiovascular pharmacology, and electronic pacemaker. Prerequisites: Current American Red Cross or American Heart Association Basic Life Support Health Care Provider validation, current validation in Advanced Cardiac Life Support, EMT240, or permission of instructor.

Summer II Day - Session

1,4 3630 PSB 20	M	9:00-5:30P	K Lewis
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Section 3630 will meet on 08/08.



HYBRID COURSES

Hybrids are courses that combine the flexibility of online learning with the in-class meetings of a traditional classroom environment. Class time is divided (usually 50/50) between classroom and online work, giving students the convenience of taking a course with a reduced on-campus time commitment.

Hybrid courses are ideal for the working or busy student who has some knowledge of the internet but still desires the face-to-face instructor interaction provided by a traditional classroom setting.

Summer I Day - Session	Summer I Evening - Session	Summer II Day - Session
June 6 - July 7	June 6 - July 28	July 11 - August 11
HIGHLIGHTED section lines denote a course offered in the evening or weekend.		

Subj. Code	Course Title	*\$	Credits
Fnt.	Sect # Bldg/Rm	Days	Time

English

Department Chair: Dr. N. Matte

Creative Writing

CRW150 Introduction to Creative Writing \$165 3

Introduces the student to elements and techniques of creative writing in a variety of genres; teaches terminology and concepts needed for successful participation in writing workshops; facilitates writing practice and evaluation; offers individual guidance on the student's development as a writer. Prerequisites: None.

Summer I Evening - Session

5540	B 105	MW	6:00-8:35P	J Allen
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CRW170 Introduction to Writing Fiction \$165 3

Practice in writing fiction through a process of prewriting (invention and discovery), writing, analysis and evaluation (in workshop), and revision; practice in manipulating various elements and forms of fiction; production of marketable quality short fiction. Prerequisites: None.

Summer I Evening - Session

5538	B 102	TR	6:00-8:35P	C Flynn
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English

ENG061 Basic Writing Skills \$165 3

Emphasis on basic writing skills, including grammar and mechanics necessary to write clear and correct sentences in paragraphs. Prerequisites: Appropriate English placement test score, or ENG056 with a grade of "C" or better, or permission of department/division chair.

Summer I Day - Session

1	0758	B 107	MTWR	7:00-9:00A	R Ozz
1	0760	B 103	MTWR	9:10-11:10A	Staff
1	0762	B 125	MTWR	11:20-1:20P	R Ozz

ENG071 Fundamentals of Writing \$165 3

Emphasis on the fundamentals of sentence, paragraph, and multi-paragraph structure. Prerequisites: Appropriate English placement test score, or ENG056 with a grade of "C" or better, or ENG061 with a grade of "C" or better, or permission of department/division chair.

Summer I Day - Session

1	0764	B 103	MTWR	7:00-9:00A	J Allen
1	0766	B 321	MTWR	9:10-11:10A	J Allen
1	0768	B 101	MTWR	9:10-11:10A	P Duzik
1	0770	B 126	MTWR	11:20-1:20P	Staff

Summer I Evening - Session

1	5734	A 111	MW	6:00-8:35P	C Skeen
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ENG071 Fundamentals of Writing (Cont.) \$165 3

Summer II Day - Session

1	3700	B 101	MTWR	7:00-9:00A	L Dowd
1	3702	B 103	MTWR	7:00-9:00A	H Larson
1	3704	B 101	MTWR	9:10-11:10A	P Duzik
1	3706	B 103	MTWR	9:10-11:10A	J Wheeler

ENG101 First-Year Composition \$165 3

Standard English writing skills. Emphasis on expository composition. Prerequisites: Appropriate English placement test score or (a grade of "C" or better in ENG071).

Summer I Day - Session

1	0774	B 101	MTWR	7:00-9:00A	D Pineda
1	0776	C 201	MTWR	9:10-11:10A	H John
1	0778	B 102	MTWR	9:10-11:10A	D Pineda
1	0780	B 101	MTWR	11:20-1:20P	H John

1,4 0782 **PC WEBCT** E Pierce
Section 0782 meets 8 weeks 06/04 - 07/28. PC WEBCT is an online course, for complete instruction see page 44.

1,4 0784 **PC WEBCT** G Winters
Section 0784 meets 8 weeks 06/04 - 07/28. PC WEBCT is an online course, for complete instruction see page 44.

Summer I Evening - Session

1	5736	B 102	MW	6:00-8:35P	S Vap
1	5738	B 103	TR	6:00-8:35P	M Turvin

Summer II Day - Session

1	3708	B 106	MTWR	7:00-9:00A	R Naughton
1	3710	B 102	MTWR	9:10-11:10A	L Dowd

ENG102 First-Year Composition \$165 3

Continued development of standard English writing skills. Introduction to research, note taking, organization, and documentation in the preparation and writing of a research paper. Prerequisites: ENG101 with a grade of "C" or better.

Summer I Day - Session

1	0790	B 105	MTWR	7:00-9:00A	J Lafave
1	0792	B 106	MTWR	9:10-11:10A	H Larson
1	0794	B 125	MTWR	9:10-11:10A	L Michaels
1	0796	B 106	MTWR	11:20-1:20P	B Chancellor

1,4 0798 **PC WEBCT** Staff
Section 0798 meets 8 weeks 06/04 - 07/28. PC WEBCT is an online course, for complete instruction see page 44.

1,4 0800 **PC WEBCT** E Pierce
Section 0800 meets 8 weeks 06/04 - 07/28. PC WEBCT is an online course, for complete instruction see page 44.

1,4 0802 **PC WEBCT** G Rae
Section 0802 meets 8 weeks 06/04 - 07/28. PC WEBCT is an online course, for complete instruction see page 44.

1,4 0804 **PC WEBCT** G Winters
Section 0804 meets 8 weeks 06/06 - 07/28. PC WEBCT is an online course, for complete instruction see page 44.

ENG102 First-Year Composition (Cont.) \$165 3

Summer I Evening - Session

1	5742	B 103	MW	6:00-8:35P	M Geffen
1	5744	B 105	TR	6:00-8:35P	J Berlin

Summer II Day - Session

1	3714	B 107	MTWR	7:00-9:00A	L Michaels
1	3716	B 106	MTWR	9:10-11:10A	R Naughton
1	3718	B 105	MTWR	9:10-11:10A	L Michaels
1	3720	B 105	MTWR	11:20-1:20P	J Wheeler

English as a Second Language (ESL)

Department Chair: Dr. N. Matte
Program Director: Ms. N. Meyers

ESL courses are for students whose first language is not English. ESL placement test (CELSA) is required before registering. Students should consult the Advisement Center to complete a 12-credit program study.

Prep Level:

ESL001CA Basic English as a Second Language I: Part I \$165 3

Listening, speaking, reading, and writing in English at a basic level. Focus on survival skills related to life in the United States. Introduction to elementary grammatical patterns. Prerequisites: None. Course Note: Credit (P) or no credit (Z). Standard grading available according to procedures outlined in catalog. May be repeated for a total of six (6) credits.

Summer I Day - Session

1	0820	B 105	MTWR	9:10-11:10A	S Rassas
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Level I:

ESL010 English as a Second Language I: Grammar \$165 3

First level of English as a Second Language (ESL). Emphasis on basic conversational skills, pronunciation, vocabulary building and grammar. Some reading and sentence level writing. Credit (P) or no credit (Z). Standard grading available according to procedures outlined in catalog. May be repeated for a maximum of six (6) credits. Prerequisites: Appropriate ESL placement test score.

Summer I Day - Session

1	0822	A 201	MTWR	9:10-11:10A	N Meyers
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Summer I Evening - Session

1	5822	B 101	MW	6:00-8:30P	M Howard
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Summer I Day - Session

June 6 - July 7

Summer I Evening - Session

June 6 - July 28

Summer II Day - Session

July 11 - August 11

HIGHLIGHTED section lines denote a course offered in the evening or weekend.

Subj. Code	Course Title		*\$	Credits	
Fnt.	Sect #	Bldg/Rm	Days	Time	Instructor

ESL011 English as a Second Language I: Listening and Speaking \$165 3

Emphasis on listening and speaking skills involving survival skills. Asking and answering questions related to work, shopping, and personal safety. May be repeated for a maximum of six (6) credits. Prerequisites: Appropriate ESL placement test score or ESL002.

Summer I Day - Session

1 0824 B 105 MTWR 11:20-1:20P P Rogers

Summer II Day - Session

1 3742 B 107 MTWR 9:10-11:10A S Thomas

RDG008 Phonics \$170 3

Designed for students who are learning English as a second language. Includes the study of the speech sounds used in English as represented by the written symbols of the alphabet; recognition of spelling patterns and resulting pronunciation; and diacritical markings. Prerequisites: Reading placement score (ASSET) or permission of instructor.

Summer I Day - Session

1,4 1922 H 112 MTWR 11:20-12:35P Staff
Section 1922 meets 8 weeks 06/06 - 07/28.

Level II:

ESL020 English as a Second Language II: Grammar \$165 3

Second level of English as a Second Language (ESL). Continued emphasis on conversational skills, pronunciation, vocabulary building and grammar with some reading and sentence level writing. Credit (P) or no credit (Z). Standard grading available according to procedures outlined in catalog. May be repeated for a maximum of six (6) credits. Prerequisites: Appropriate ESL placement test score, or a grade of "P" or "C" or better in ESL010, or (ESL010AA, ESL010AB, and ESL010AC).

Summer I Day - Session

1 0826 B 108 MTWR 9:10-11:10A P Rogers

Summer I Evening - Session

1 5824 B 123 MW 6:00-8:30P P Glasser

ESL021 English as a Second Language II- Listening and Speaking \$165 3

Emphasis on listening and speaking skills involving social exchange. Asking and answering questions, using tag questions. Practice with question and answer patterns. Polite questions and responses. May be repeated for a maximum of six (6) credits. Prerequisites: Appropriate ESL placement test score or ESL010 or ESL011 or ESL012 or RDG010.

Summer I Day - Session

1 0828 B 123 MTWR 11:20-1:20P S Rassas

Summer II Day - Session

1 3744 B 123 MTWR 9:10-11:10A K Johnson

Subj. Code	Course Title		*\$	Credits	
Fnt.	Sect #	Bldg/Rm	Days	Time	Instructor

Level III:

ESL030 English as a Second Language III: Grammar \$165 3

Third level of English as a Second Language (ESL). Emphasis on sentence structure and paragraph building. Extensive grammar study and writing practice. Credit (P) or no credit (Z). Standard grading available according to procedures outlined in catalog. May be repeated for a maximum of six (6) credits. Prerequisites: Appropriate ESL placement test score, or a grade of "P" or "C" or better in ESL020, or (ESL020AA, ESL020AB, and ESL020AC).

Summer I Day - Session

1 0830 B 123 MTWR 9:10-11:10A J Kimbuende

Summer I Evening - Session

1 5826 B 126 MW 6:00-8:30P C Tracht

ESL031 English as a Second Language III- Listening and Speaking \$165 3

Emphasis on listening and speaking skills related primarily to the academic environment. Asking questions, working in small groups, using college resources, informal oral presentation. May be repeated for a maximum of six credits. Prerequisites: Appropriate ESL placement test score or ESL020 or ESL021 or ESL022 or RDG020.

Summer I Day - Session

1 0832 B 107 MTWR 11:20-1:20P N Meyers

Summer II Day - Session

1 3746 B 108 MTWR 11:20-1:20P S Thomas

Level IV:

ESL040 English as a Second Language IV: Grammar \$165 3

Fourth-level of English as a Second Language (ESL). Continued emphasis on sentence structure and paragraph building. Extensive grammar study and writing practice. Credit (P) or no credit (Z). Standard grading available according to procedures outlined in catalog. May be repeated for a maximum of six (6) credits. Prerequisites: Appropriate ESL placement test score, or a grade of "P" or "C" or better in ESL030, or (ESL030AA, ESL030AB, and ESL030AC).

Summer I Evening - Session

1 5828 A 102 MW 6:00-8:30P Staff

OPEN-ENTRY/OPEN-EXIT COURSES

Self-paced courses with a flexible schedule

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Subj. Code	Course Title		*\$	Credits	
Fnt.	Sect #	Bldg/Rm	Days	Time	Instructor

ESL041 English as a Second Language IV: Listening and Speaking \$165 3

Emphasis on academic skills. Listening to lectures, notetaking, peer interaction, accessing and using media resources, formal oral presentations. May be repeated for a maximum of six (6) credits. Prerequisites: Appropriate ESL placement test score or ESL030 or ESL031 or ESL032 or RDG030.

Summer I Day - Session

1 0834 B 103 MTWR 11:20-1:20P J Kimbuende

Summer II Day - Session

1 3748 B 101 MTWR 11:20-1:20P Staff

Writing Development

ESL067 Basic Writing Skills for English as a Second Language \$165 3

Emphasis on basic writing skills in sentences and short paragraphs using correct, clear, and idiomatic English. Prerequisites: Appropriate English or ESL placement score, or ESL040, or ESL042, or permission of department chair.

Summer I Day - Session

1 0838 B 126 MTWR 9:10-11:10A V Simmon

Level V:

ENG107 First-Year Composition for ESL \$165 3

Equivalent of ENG101 for students of English as a Second Language (ESL). Standard American English writing skills and emphasis on expository composition. Prerequisites: Appropriate ASSET/COMPASS placement test score, or a grade of "C" or better in ENG071 or ESL077. Course Note: Taking ESL040 and ESL042 may build skills tested by the ASSET/COMPASS placement.

Summer I Evening - Session

1 5750 B 125 MW 6:00-8:30P Staff

ENG108 First-Year Composition for ESL \$165 3

Equivalent of ENG102 for students of English as a Second Language (ESL). Continued development of standard English writing skills. Introduction to research, note taking, organization and documentation in the preparation and writing of a research paper. Not open to students who have completed ENG101. Prerequisites: Grade of "C", or better, in ENG107.

Summer I Evening - Session

1 5752 B 106 MW 6:00-8:30P Staff

Summer I Day - Session

June 6 - July 7

Summer I Evening - Session

June 6 - July 28

Summer II Day - Session

July 11 - August 11

HIGHLIGHTED section lines denote a course offered in the evening or weekend.

Subj. Code	Course Title	*\$	Credits
Fnt.	Sect # Bldg/Rm		Instructor

RDG014 Advanced Vocabulary for ESL Speakers (Non-native Speakers) \$170 3

Designed to expand and improve reading vocabulary skills. Emphasis on understanding advanced vocabulary in both context and isolation through practice and review. Vocabulary building strategies which will aid in on-going study of words. Emphasis on both learning and using more advanced vocabulary effectively. Prerequisites: RDG010 with grade of "C" or better, or permission of instructor.

Summer I Day - Session
1,4 1924 H 112 MTWR 9:30-10:45A Staff
Section 1924 meets 8 weeks 06/06 - 07/28.

Special Interest Topics

ESL050 Review Grammar For ESL \$165 3
Review of grammatical concepts for ESL (English as a Second Language) students who have some previous experience in reading and writing English. Appropriate for students who want to practice sentence skills in English. May be repeated for a total of six (6) credits. Prerequisites: Appropriate ESL placement test score, or a grade of "C" or better in ESL010, or (ESL010AA, ESL010AB, and ESL010AC), or permission of instructor.

Summer II Day - Session
1,3 3750 B 125 MTWR 9:10-11:10A Staff

ESL051 Pronunciation Improvement for ESL Speakers \$165 3
Individualized pronunciation practice and drills for English as a second language (ESL) speakers. May be repeated for a maximum of six (6) credits. Prerequisites: None.

Summer I Day - Session
1 0836 B 108 MTWR 11:20-1:20P J Eldot

Summer I Evening - Session
1 5832 B 108 MW 6:00-8:30P Staff

English Humanities

Department Chair: Dr. N. Matte

ENH110 Introduction to Literature \$165 3
Introduction to international literature through various forms of literary expression; e.g., poetry, drama, essay, biography, autobiography, short story, and novel. Provides a global overview of literature with special emphasis on diverse cultural contributions of women, African Americans, Asian Americans, Hispanic Americans, and Native Americans. Prerequisites: None.

Summer I Evening - Session
5810 B 107 MW 6:00-8:35P G Rae

Subj. Code	Course Title	*\$	Credits
Fnt.	Sect # Bldg/Rm		Instructor

ENH251 Mythology \$165 3
Deals with the myths and legends of civilizations with the greatest influence upon the development of the literature and culture of the English speaking people, and compares those myths with myths from other cultures. Prerequisites: None.

Summer I Day - Session
0810 B 107 MTWR 9:10-11:10A M Mitchell

Film Studies

Department Chair: Dr. G. Eroo

HUM205 Introduction to Cinema \$165 3
Survey of the history and development of the art of motion pictures, including criticism of aesthetic and technical elements. Prerequisites: None.

Summer I Day - Session
1270 T 101 MTWR 9:10-11:10A VTennyson

Summer I Evening - Session
6202 T 101 MTWR 6:00-8:00P VTennyson
Section 6202 meets 5 weeks 06/06 - 07/07.

THE205 Introduction to Cinema \$165 3
Survey of the history and development of the art of motion pictures, including criticism of aesthetic and technical elements. Prerequisites: None.

Summer I Day - Session
2082 T 101 MTWR 9:10-11:10A VTennyson

Summer I Evening - Session
7354 T 101 MTWR 6:00-8:00P VTennyson
Section 7354 meets 5 weeks 06/06 - 07/07.

Fire Science

Department Chair: Dr. K. Lewis
Program Director: Mr. T. Garrison

All Fire Science students must be advised by EMT/FSC advisors. For information call 602-285-7207.

FSC134 Fitness & Conditioning/ Firefighters \$195 3
Overview of all aspects of fitness for current and prospective firefighters. Includes mental aspects of performance for optimal achievement on fire department agility tests and firefighting tasks; physical fitness and workout techniques as they apply to performing specific firefighting tasks; individual conditioning strategies, nutritional guidelines, and basic exercise principles. Lifelong fitness and conditioning. Prerequisites: None.

Summer I Day - Session
1,4 1030 PSB 18 R 7:00-9:50A BToliver
Section 1030 meets 14 weeks 05/26 - 08/25.

Subj. Code	Course Title	*\$	Credits
Fnt.	Sect # Bldg/Rm		Instructor

Food and Nutrition/ Culinary Studies

Department Chair: Mrs. S. Phillips
Culinary Studies Director: Chef S. Robinson

FON104 Certification in Food Service Safety and Sanitation \$55 1

Preparation for and certification in a national food sanitation and safety program. Emphasis on food from purchasing, receiving, and storing to preparation, holding, and serving. Focuses on safe and sanitary food service facilities and equipment, employee habits and personal hygiene, and role of management in safety and sanitation. Includes time-temperature principles, foodborne illnesses, pest control, accident prevention, standards for cleaning and sanitizing, and regional regulations and standards. Prerequisites: None.

Upon completion of FON104, SERVSAFE Certificate from the Educational Foundation of the National Restaurant Association will be awarded upon completion of course.

Summer I Evening - Session
5850 PSB 18 S 9:00-1:40P JMraz
Section 5850 meets 3 weeks 06/11 - 06/25.

FON142AB Applied Food Principles \$205 3
Exploration and applications of scientific principles involved in food preparation; experiences with basic cooking methods; emphasis on the rationale of cooking techniques. Prerequisites: None.

Summer I Day - Session
4 5852 OSS 102 TR 5:30-9:45P SBartz
OSS 104 TR 5:30-9:45P
Section 5852 meets 8 weeks 06/07 - 07/28.

FON180 Principles and Skills for Professional Cooking \$205 3

Introductory principles and skills for professional cooking. Introduces organizational structure of kitchen staff in different types of kitchens. Includes basic principles of safety and sanitation, equipment and utensil use, French cooking terms, recipe use, measuring techniques, identification and use of seasoning agents, and basic cooking methods applied to stocks, sauces and soups, vegetables, starches, entrees, and eggs. Emphasis on practical experiences in a commercial kitchen. Prerequisites: None.

Summer I Day - Session
4 5856 OSS 102 TR 5:30-9:45P SBartz
OSS 104 TR 5:30-9:45P
Section 5856 meets 8 weeks 06/07 - 07/28.

Summer I Day - Session	Summer I Evening - Session	Summer II Day - Session
June 6 - July 7	June 6 - July 28	July 11 - August 11
HIGHLIGHTED section lines denote a course offered in the evening or weekend.		

Subj. Code	Course Title	*\$	Credits
Fnt.	Sect # Bldg/Rm		Instructor

FON183 International Cuisine \$205 3
Gourmet international food preparation applied to restaurants. Review principles of sanitation and safety. Explores history and customs, serving styles, and preparation techniques of foods unique to selected international cultures. Emphasis on practical cooking experiences in a restaurant kitchen. Cultures to include, but not limited to: Italian, German, Oriental, Middle Eastern, and Spanish. Prerequisites: None.

Summer I Day - Session

4	1010 OSS 102	MW	7:00-11:10A	J Mraz
	OSS 104	MW	7:00-11:10A	

Section 1010 meets 8 weeks 06/06 - 07/28.

FON208 Supervisory Functions in Food Service \$165 3

Principles and techniques of supervision applied to food service workers. Includes roles and responsibilities of a food service supervisor, basic theories of management, line staffing functions, basic concepts of communication, motivation techniques, problem-solving, labor relations and laws, performance evaluation and basic record keeping functions in food service settings. Prerequisites: None.

Summer I Day - Session

	1012 DB 330	TR	1:30-4:10P	A Redendo
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Section 1012 meets 8 weeks 06/07 - 07/28.

FON271AB Culinary Studies Internship \$110 2

Work experience preparing hot and cold foods in a commercial food service operation, experience in volume food production preparing salads, soups, stocks, sauces, entrees, starches, and vegetables. Ten (10) hours of work weekly. Supervision and evaluation by an internship coordinator. May be repeated for a total of six (6) credits. Prerequisites: FON104, FON180, and departmental approval.

Summer I Evening - Session

	5854 TBA	TBA	TBA	A Redendo
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General Business

Department Chair: Mrs. C. Cloud
Program Director: Ms. M. Anderson

Students pursuing a Business Department certificate or degree program and all Business transfer students are strongly encouraged to seek advisement from a Business Department faculty member. Stop by B330 or call 602-285-7387.

GBS151 Introduction to Business \$170 3

Characteristics and activities of current local, national, and international business. An overview of economics, marketing, management and finance. Prerequisites: None.

Summer I Day - Session

4	1060 B 308	MTWR	9:10-11:10A	Staff
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Summer I Evening - Session

4	5890 B 306	TR	6:00-8:35P	Staff
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Summer II Day - Session

4	3762 B 308	MTWR	9:10-11:10A	Staff
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GBS205 Legal, Ethical, and Regulatory Issues in Business \$170 3

Legal theories, ethical issues and regulatory climate affecting business policies and decisions. Prerequisites: None.

Summer I Day - Session

4	1062 B 328	MTWR	9:10-11:10A	Staff
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Summer I Evening - Session

4	5892 B 306	MW	6:00-8:35P	Staff
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GBS220 Quantitative Methods in Business \$170 3

Business applications of quantitative optimization methods in operations management decisions. Prerequisites: (Grade of "C" or better in MAT150, or MAT151, or MAT152) or equivalent, or satisfactory score on district placement exam.

Summer I Day - Session

1,4	1064 B 306	MTWR	11:30-1:30P	Staff
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GBS221 Business Statistics \$170 3

Business applications of descriptive and inferential statistics, measurement of relationships, and statistical process management. Prerequisites: Grade of "C" or better in GBS220 or MAT172.

Summer I Day - Session

1,4	1068 B 306	MTWR	9:10-11:10A	Staff
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Summer I Evening - Session

1,4	5896 B 308	MW	6:00-8:35P	Staff
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Subj. Code	Course Title	*\$	Credits
Fnt.	Sect # Bldg/Rm		Instructor

GBS233 Business Communication \$170 3

Internal and external business communications, including verbal and nonverbal techniques. Prerequisites: ENG101 or ENG107 with grade of "C" or better, or permission of department/division.

Summer I Evening - Session

1,4	5900 B 327	TR	6:00-8:35P	Staff
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Students must see Diane Stark prior to enrolling in any of the General Business Internship or Special Projects courses.

GBS270AA Business Internship \$60 1

General business work experience in a business or industry. Eighty hours of designated work per credit per semester. Maximum of 3 credits allowed. Prerequisites: Permission of Department.

Summer I Day - Session

1,3,4	1070 TBA	OE/OE	OE/OE	D Stark
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GBS270AB Business Internship \$115 2

General business work experience in a business or industry. Eighty hours of designated work per credit totaling 160 hours per semester. Maximum of 3 credits allowed. Prerequisites: Permission of Department.

Summer I Day - Session

1,3,4	1072 TBA	OE/OE	OE/OE	D Stark
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GBS270AC Business Internship \$170 3

General business work experience in a business or industry. Eighty hours of designated work per credit totaling 240 hours per semester. Maximum of 3 credits allowed. Prerequisites: Permission of Department.

Summer I Day - Session

1,3,4	1074 TBA	OE/OE	OE/OE	D Stark
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SBU200 Society and Business \$170 3

The study of issues and demands placed on business enterprise by owners, customers, government, employees and society. Included are social, ethical and public issues and analysis of business responses. Prerequisites: None.

Summer II Day - Session

4	4740 B 308	MTWR	11:30-1:30P	Staff
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Summer I Day - Session June 6 - July 7	Summer I Evening - Session June 6 - July 28	Summer II Day - Session July 11 - August 11
HIGHLIGHTED section lines denote a course offered in the evening or weekend.		

Subj. Code	Course Title	*\$	Credits
Fnt.	Sect # Bldg/Rm	Days	Time
			Instructor

Gerontology & Elder Care

Department Chair: Dr. R. Pfefferbaum

GRN102 Supervisory Care Services \$79 1.25

Principles of general supervision, including awareness of residents functioning, crisis intervention, and assistance in the self-administration of medications. Provides foundation for provision of supervisory care services in assisted living facilities. Prerequisites: None.

Summer II Day - Session

4	3774 C 315	TWRF	7:00-12:00P	Staff
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Section 3774 meets 1 week 08/02 - 08/05 and requires department approval/signature.

GRN104 Personal Care Services \$120 2

Principles of aging and examination of common medical conditions associated with aging and physical disabilities. Assisting residents in activities of daily living and measuring vital signs. Provides foundation for provision of personal care services in assisted living facilities. Includes experiential learning activities as well as didactics. Prerequisites: GRN102 or permission of Program Director.

Summer II Day - Session

1,4	3778 C 315	MTWRF	7:00-1:00P	Staff
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Section 3778 meets 2 weeks 08/10 - 08/16 and requires department approval/signature.

GRN106 Directed Care Services \$52 .75

Examination of care needs of those unable to direct self-care. Provides foundation for provision of directed care services in assisted living facilities. Involves experiential learning activities as well as didactics. Emphasis on therapeutic techniques. Prerequisites: GRN102 and (GRN104 or GRN104AA), or permission of Program Director.

Summer II Day - Session

1,4	3780 C 315	RF	7:00-1:00P	Staff
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Section 3780 meets 1 week 08/18 - 08/19 and requires department approval/signature.

GRN108 Management of Assisted Living Facilities \$38 .5

Principles of management and care planning. Includes delegation of authority, development of policies and procedures, and overview of laws and regulations. Provides foundation for management of assisted living facilities. Prerequisites: GRN102, (GRN104 or GRN104AA), and (GRN106), or permission of Program Director.

Summer II Day - Session

1,4	3784 C 315	MT	7:00-11:00A	Staff
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Section 3784 meets 1 week 08/22 - 08/23 and requires department approval/signature.

Health Care Related

Department Chair: Ms. M. Souders

HCR220 Health Care Organizations \$180 3

Overview of United States health care delivery systems; financing, health policy, impact of managed care, and basic principles of budgeting, cost-benefit analysis, and resource management. Prerequisites: ENG102.

Summer I Day - Session

4	1202 PC WEBCT			M Chavez
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Section 1202 meets 8 weeks 06/01 - 07/21. PC WEBCT is an online course, for complete instruction see page 44.

4	1204 PC WEBCT			M Chavez
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Section 1204 meets 10 weeks 06/01 - 08/01. PC WEBCT is an online course, for complete instruction see page 44

Health Core Curriculum

Department Chair: Ms. L. Ligon

Program Director: Ms. V. Parker

HCC130 Fundamentals in Health Care Delivery \$165 3

Overview of current health care professions including career and labor market information. Health care delivery systems, third party payers, and facility ownership. Health organization structure, patient rights and quality care. Health care and life values. Definition and importance of values, ethics, and essential behaviors in the workplace. Worker rights and responsibilities. Healthful living practices to include nutrition, stress management and exercise. Occupational Safety and Health Administration (OSHA) standard precautions and facility safety. Use of principles of body mechanics in daily living activities. Basic communication skills which facilitate teamwork in the health care setting. Focus on development of personal communication skills and an understanding of how effective communication skills promote teamwork. Focus on intercultural communication strategies. Prerequisites: None.

Summer I Day - Session

	1090 C 202	MTWR	9:10-11:10A	Staff
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4	1092 PC WEBCT			Staff
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Section 1092 meets 8 weeks 05/31 - 07/21. PC WEBCT is an online course, for complete instruction see page 44.

Summer I Evening - Session

	5920 C 202	MW	5:00-7:40P	L Stephens
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	5922 J 130	TR	5:00-7:40P	Staff
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Section 5922 meets 8 weeks 06/14-08/04.

Summer II Day - Session

	3810 PSB 27	MTWR	9:10-11:10A	Staff
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HCC145 Medical Terminology for Health Care Workers \$180 3

Medical terminology used in health care, with special care populations and in special services. Body systems approach to terms related to structures, functions, diseases, procedures, and diagnostic tests. Building and analyzing terms using word parts. Medical abbreviations and symbols and term spelling. Prerequisites: None.

Summer I Day - Session

4	1096 PC WEBCT			Staff
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Section 1096 meets 8 weeks 05/31 - 07/21. PC WEBCT is an online course, for complete instruction see page 44.

Summer I Evening - Session

	5926 C 201	TR	5:40-8:20P	Staff
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HCC145AA Medical Terminology for Health Care Workers I \$55 1

Introduction to medical terms used in health care. Body systems approach to selected terms related to structures, functions, diseases, procedures, and diagnostic tests. Building and analyzing terms using basic word parts. Selected medical abbreviations and symbols and term spelling. Prerequisites: None.

Summer I Day - Session

	1100 C 202	TR	11:30-1:10P	Staff
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Section 1100 meets 4 weeks 06/07 - 06/30.

4	1102 PC WEBCT			Staff
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Section 1102 meets 8 weeks 05/31 - 07/21. PC WEBCT is an online course, for complete instruction see page 44.

Summer I Evening - Session

	5930 C 202	MW	7:50-8:40P	Staff
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	5932 J 130	TR	7:50-8:40P	Staff
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Section 5932 meets 8 weeks 06/14 - 08/04.

Summer II Day - Session

	3814 PSB 27	TR	11:30-1:10P	Staff
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HCC164 Pharmacology for Allied Health \$33 .5

Chemical, generic, and trade names for drugs. Use of drug references. Pharmacological principles of drugs. Routes of drug administration. Federal and Arizona regulations. Classification of drugs. Abbreviations and symbols for drug measurement, administration, and prescription. Prerequisites: HCC130 or (HCC130AA, HCC130AB, HCC130AC, HCC130AD, HCC130AE and HCC130AF), or equivalent.

Summer II Day - Session

1,4	3816 PC WEBCT			Staff
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Section 3816 PC WEBCT is an online course, for complete instruction see page 44.

Summer I Day - Session	Summer I Evening - Session	Summer II Day - Session
June 6 - July 7	June 6 - July 28	July 11 - August 11

HIGHLIGHTED section lines denote a course offered in the evening or weekend.

Subj. Code Course Title *\$ Credits
Fnt. Sect # Bldg/Rm Days Time Instructor

Health Enhancement

Dance, Fitness, Health, Physical Education, Recreation, & Wellness

Department Chair: Ms. L. Ligon

Activity Classes

There is a user fee for each PED class. Fees are used to purchase supplies and equipment for the class.

PED103 Boot Camp \$33 .5

Intervals of cardiovascular and strength drills with an emphasis on core training. An exciting, challenging workout including a variety of drills to develop coordination and agility. This class is open to all fitness levels because it challenges the beginner and the advanced.

Summer I Day - Session

4 1750 SGYM MW 12:00-12:50P A Styles
Section 1750 meets 8 weeks 06/06 - 07/28.

PED103 Core Conditioning \$33 .5

An AB-solutely fabulous workout of abdominals and lower back exercises to sculpt and firm up your middle body. All fitness levels welcome.

Summer I Day - Session

4 1754 SGYM TR 12:00-12:50P Staff
Section 1754 meets 8 weeks 06/07 - 07/28.

PED103KB Kickboxing \$33 .5

Jabs, kicks and blocks will unite in this intense and inspiring workout. In this course, you will learn techniques to burn fat, increase muscular endurance, enhance flexibility, and increase body awareness and self-confidence.

Summer I Day - Session

4 1760 SGYM MW 11:00-11:50A Staff
Section 1760 meets 8 weeks 06/06 - 07/28.

PED103KC Golf-Intermediate \$60 1

This course is designed for intermediate/advanced golfers who want to work on improving their game, playing strategies and mental game. Play will be on the back nine of different golf courses in the city. Class size is limited. Students will be responsible for paying their own green fees, taxes, and for the use of golf carts at each location played. Intermediate Golf orientation is Sunday, June 5, 11:00am in the South Gym Conference Room.

4 6768 PV GOLF U 7:00-9:00A L Adams III
Section 6768 meets 7 weeks 06/05 - 07/17.



Health Enhancement – 602-285-7295

The mission of the Health Enhancement Department is to provide programs that promote and inspire life-long learning, education and career goals, and self-development through support of personal responsibility and integration of mind, body and spirit.

If you want a 2-credit fitness, aerobics, or weight training class for a grade, enroll in one of the following classes.
(Start date, 06/06/05. End date, 08/11/05)

- ◆ PED115 1792 (graded) or 6790 (P/Z) – Fitness Center (\$130)
- ◆ PED116 1794 (graded) or 6794 (P/Z) – Aerobics (\$130)
- ◆ PED117 1796 (graded) or 6796 (P/Z) – Weight Training (\$130)

If you want a 1-credit fitness, aerobics, or weight training class for a grade, enroll in one of the following classes.
(Start date, 06/06/05. End date, 07/07/05)

- ◆ PED202IH 1812 – Fitness Center (\$65)
- ◆ PED202AF 1810 – Aerobics (\$65)
- ◆ PED202XP 1816 – Weight Training (\$65)

If you want a fitness, aerobics, or weight training class but do not need a grade or credit, enroll in one of the following classes.
(Start date, 05/31/05. End date, 08/19/05)

- ◆ NC 500 9106 – Fitness Center (\$70)
- ◆ NC 500 9108 – Aerobics (\$70)
- ◆ NC 500 9112 – Weight Training (\$70)

If you are a senior (62+ – must show ID to register) and want a fitness, aerobics, or weight training class, enroll in the following class.

- ◆ NC 500 9110 (Start date, 05/31/05. End date, 08/19/05) (\$50)

If you have successfully (received a “C” or better) completed PED115 or PED116 or PED117 and are currently enrolled for 1 or more credits at PC, and do not need a grade, enroll in the Student Fitness Package.

- ◆ NC 500 9102 (Start date, 05/31/05. End date, 08/19/05) (\$60)

ORIENTATIONS

For Aerobics, Fitness Center, and Weight Training

New and returning credit students **must attend an orientation**. Orientation lasts approximately for one and one half hours. Plan accordingly.

Returning non-credit students need to update paperwork in the Fitness Center.

Location: Health Enhancement Conference Room – South Gym

Monday, June 6 8 am, 10 am, 12 pm, 6 pm
 Tuesday, June 7 8 am, 10 am, 12 pm, 4 pm
 Wednesday, June 8 8 am, 10 am, 12 pm, 6 pm

FITNESS CENTER HOURS*

Monday - Thursday 5:30 am - 9:30 am
 11:00 am - 1:00 pm & 4:00 pm - 9:00 pm
 Friday 5:30 am - 9:30 am
 & 4:00 pm - 8:00 pm
 Saturday 8:00 am - 12:00 pm
 *Times are subject to change.

AEROBICS CLASS HOURS*

Monday - Thursday 8:00 am - 10:00 am
 & 5:00 pm - 7:00 pm
 *Times are subject to change.

*Aerobic Class offerings include but are not limited to Step, Low-impact, Body Sculpt, Stretch, Kickboxing, Cardio Combo, Powerball, Bellydancing.

Summer I Day - Session	Summer I Evening - Session	Summer II Day - Session
June 6 - July 7	June 6 - July 28	July 11 - August 11
HIGHLIGHTED section lines denote a course offered in the evening or weekend.		

summer course listings

Subj. Code	Course Title	*\$	Credits
Fnt.	Sect # Bldg/Rm	Days	Time

Yoga/Tai Chi/Martial Arts

There is a user fee for each PED class. Fees are used to purchase supplies and equipment for the class.

PED103YG Gentle Yoga \$33 .5

This class is for students who want a very gentle, relaxing and fun yoga experience. Classes include meditation, gentle stretching and strengthening, and breathwork. All levels of students will benefit, from beginners to the most experienced.

Summer I Day - Session

4	1770 G 163	MW	7:00-7:50A	Staff
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Section 1770 meets 8 weeks 06/06 - 07/28.

PED103PS Pilates \$33 .5

Learn about a form of exercise that has been around since the early 1900's and is currently one of the hottest forms of exercise today! Learn how to sculpt your body, strengthen muscle, improve posture and tone your midsection by developing core strength. Additionally, focus is placed on learning and mastering neutral spinal alignment.

Summer I Day - Session

4	1762 G 163	MW	10:00-10:50A	Staff
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Section 1762 meets 8 weeks 06/06 - 07/27.

4	1764 G 163	TR	12:00-12:50P	Staff
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Section 1764 meets 8 weeks 06/07 - 07/28.

Summer I Evening - Session

4	6776 G 163	M	7:30-9:20P	S George
4	6778 G 163	W	7:30-9:20P	S George

PED103DD Qi Gong \$33 .5

Explore the 5,000 year-old Chinese exercise system of controlled movement and breathing for wellness and health preservation. All levels, ages, and health conditions welcome.

Summer I Evening - Session

4	6760 G 163	R	7:35-9:20P	Staff
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PED103YR Restorative Yoga \$33 .5

Using gentle breathwork and supported yoga poses with props muscles completely relax, internal organs are exercised and circulation of lymph and blood increases. Excellent for people with special conditions, in life crisis/transition, or those needing to de-stress. The slower pace, breath awareness and props promote deep relaxation.

Summer I Evening - Session

4	6786 G 163	R	4:00-5:40P	J Fronk
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Subj. Code	Course Title	*\$	Credits
Fnt.	Sect # Bldg/Rm	Days	Time

PED103VR Tai Chi \$33 .5

This program uses techniques to reduce stress and its effects through an Internal Martial Art form from China. You will be introduced to breathing exercises, stances and energetic movements of Tai Chi. There is an emphasis on strengthening movements, promoting good health, and relaxation.

Summer I Evening - Session

4	6784 G 163	T	7:35-9:20P	Staff
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PED102YJ Yoga \$60 1

Yoga for beginners and continuing students. Experience multiple levels of health enhancement and stress reduction from asana, pranayama, and meditation techniques. All levels and ages welcome.

Summer I Day - Session

4	1742 G 163	MW	12:00-1:40P	Staff
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Section 1742 meets 8 weeks 06/06 - 07/28.

Summer I Evening - Session

4	6744 G 163	MW	5:45-7:25P	Staff
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PED103YJ Yoga \$33 .5

Yoga for beginners and continuing students. Experience multiple levels of health enhancement and stress reduction from asana, pranayama, and meditation techniques. All levels and ages welcome.

Summer I Day - Session

4	1774 G 163	MW	8:00-8:50A	Staff
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Section 1774 meets 8 weeks 06/06 - 07/28.

4	1776 G 163	TR	8:00-8:50A	Staff
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Section 1776 meets 8 weeks 06/07 - 07/28.

Dance

There is a user fee for each PED class. Fees are used to purchase supplies and equipment for the class.

PED103CL Ballet \$33 .5

This is class is for the dancer or person wanting to gain strength, stamina, and muscle tone along with grace, correct posture, and poise. A fun class for all. No previous ballet experience necessary.

Summer I Evening - Session

4	6758 G 163	TR	5:45-6:35P	G Renteria
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PED103BD Ballroom Dancing \$33 .5

Students will learn basics for following/leading your partner on patterns, footwork, timing, and styles for the Waltz, Foxtrot, and Tango.

Summer I Evening - Session

4	6754 SGYM	W	7:30-8:20P	Staff
4	6756 SGYM	W	8:30-9:20P	Staff

Subj. Code	Course Title	*\$	Credits
Fnt.	Sect # Bldg/Rm	Days	Time

PED103HH Hip Hop \$33 .5

The course is designed to educate students of the Hip Hop Dance Culture through analysis and observation of the various styles unique to each individual. This course includes mention of, but is not limited to hip hop: music, performance, lyrics, choreography, syncopation, etc.

Summer I Day - Session

4	1758 G 163	TR	11:00-11:50A	Staff
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Section 1758 meets 8 weeks 06/07 - 07/28.

Summer I Evening - Session

4	6762 SGYM	T	7:30-9:20P	V Lopez
4	6764 SGYM	R	7:30-9:20P	A Mendle

PED103PF Jazz \$33 .5

Introduction to the theory and practice of modern jazz at the beginning level. Development of movement quality and performance skills.

Summer I Evening - Session

4	6772 G 163	TR	6:40-7:30P	G Renteria
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PED103SA Salsa \$33 .5

Students will learn Salsa and other Latin dances and be able to follow/lead your partner on patterns, footwork, timing and style. Students will also learn what music is used to dance the Salsa, Cha Cha, and Rumba.

Summer I Day - Session

4	1768 G 163	TR	1:00-1:50P	Staff
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Section 1768 meets 8 weeks 06/07 - 07/28.

Summer I Evening - Session

4	6782 SGYM	M	7:30-9:20P	Staff
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Fitness/Aerobics/Weight Training

For a complete listing of Fitness Center/Aerobics and Weight Training classes and hours of operation, see page 31.

PED115 Lifetime Fitness \$130 2

The Fitness Center is a state of the art exercise facility designed for convenient workouts. Our objective is to assist you in developing a lifetime program of regular exercise and wellness. Students may attend class anytime our facility is open. See page 31 for a list of hours.

All students will complete an orientation, see page 31.

Summer I Day - Session

4	1792 FIT CTR	TBA	TBA	N Perry
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Section 1792 meets 10 weeks 06/06 - 08/11.

Summer I Evening - Session

2,4	6790 FIT CTR	TBA	TBA	N Perry
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Section 6790 meets 10 weeks 06/06 - 08/11.

Summer I Day - Session

June 6 - July 7

Summer I Evening - Session

June 6 - July 28

Summer II Day - Session

July 11 - August 11

HIGHLIGHTED section lines denote a course offered in the evening or weekend.

Subj. Code	Course Title	*\$	Credits
Fnt.	Sect # Bldg/Rm		Instructor

PED116 Aerobics for Wellness \$130 2

The Aerobics Program has a variety of scheduled classes each semester. Classes offered may include: Stretch/Sculpt, Low Impact, Cardio-Combo, Body Sculpt, Circuit, Stretch, Powerball, and Kick Boxing. Our classes run Monday through Thursday and students may attend any of the classes daily.

All students will complete an orientation, see page 31.

Summer I Day - Session

4	1794 SGYM	TBA	TBA	A Styles
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Section 1794 meets 10 weeks 06/06 - 08/11.

Summer I Evening - Session

2,4	6794 SGYM	TBA	TBA	A Styles
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Section 6794 meets 10 weeks 06/06 - 08/11.

PED117 Weight Training for Wellness \$130 2

The Weight Training Program is held in a state of the art exercise facility designed for convenient workouts. Our objective is to assist you in developing a lifetime program of regular exercise and wellness. Students may attend class anytime our facility is open. See page 31 for a list of hours.

All students will complete an orientation, see page 31.

Summer I Day - Session

4	1796 FIT CTR	TBA	TBA	N Perry
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Section 1796 meets 10 weeks 06/06 - 08/11.

Summer I Evening - Session

2,4	6796 FIT CTR	TBA	TBA	N Perry
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Section 6796 meets 10 weeks 06/06 - 08/11.

PED202AF Aerobics \$65 1

The Aerobics Program has a variety of scheduled classes each semester. Classes offered may include: Stretch/Sculpt, Low Impact, Cardio-Combo, Body Sculpt, Karate Jam, Circuit, Stretch, Salsa, Powerball. Our classes run Monday through Thursday and students may attend any of the classes daily.

All students will complete an orientation, see page 31.

Summer I Day - Session

4	1810 SGYM	TBA	TBA	A Styles
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PED202IH Fitness for Life \$65 1

The Fitness Center is a state of the art exercise facility designed for convenient workouts. Our objective is to assist you in developing a lifetime program of regular exercise and wellness. Students may attend class anytime our facility is open.

All students will complete an orientation, see page 31.

Summer I Day - Session

4	1812 FIT CTR	TBA	TBA	N Perry
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Subj. Code	Course Title	*\$	Credits
Fnt.	Sect # Bldg/Rm		Instructor

PED202XP Weight Training \$65 1

The Weight Training Program is held in a state of the art exercise facility designed for convenient workouts. Our objective is to assist you in developing a lifetime program of regular exercise and wellness. Students may attend class anytime our facility is open.

All students will complete an orientation, see page 31.

Summer I Day - Session

4	1816 FIT CTR	TBA	TBA	N Perry
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Senior Wellness-Cardiac

Enrollment by permission only.

PED114 Fitness \$98 1.5

The Phoenix College Senior Wellness Program is a comprehensive program designed to help individuals remain healthy. The goal of the program is to work toward and maintain an optimal level of fitness through medically supervised and monitored exercise training and education. A physician's release and permission from an instructor is required.

Summer I Day - Session

1,4	1786 NGYM	MWR	6:30-8:00A P	McElmeel
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Section 1786 meets 10 weeks 05/30 - 08/11.

1,4	1788 NGYM	MWR	8:00-9:30A P	McElmeel
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Section 1788 meets 10 weeks 05/30 - 08/11.

Health Information Technology

Department Chair: Dr. B. Petterson

HIT180 Introduction to Medical Billing and Reimbursement \$110 2

An overview of the medical billing profession, the claims process, and federal billing guidelines. Study of major medical third-party payers including coverage offered, client eligibility, and reimbursement methodologies. Prerequisites: HCC130 or (HCC130AA, HCC130AB, HCC130AC, HCC130AD, HCC130AE and HCC130AF), or permission of instructor.

Summer I Evening - Session

1	6172 E 211	W	5:00-8:30P	Staff
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HIT187 Physician-Based Medical Coding Seminar \$28 .5

Content and development of physician-based services coding compliance programs. Forum for discussion of classroom, laboratory, and professional practice experiences. Prerequisites: HCC204, HIT185, and HIT214, or permission of instructor. Corequisites: HIT189, or permission of instructor.

Summer I Evening - Session

1,8	6176 E 211	R	5:00-6:40P	Staff
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Section 6176 This class meets four times on 06/09, 06/23, 07/07 and 07/21.

Subj. Code	Course Title	*\$	Credits
Fnt.	Sect # Bldg/Rm		Instructor

HIT189 Professional Practice in Physician-Based Coding \$55 1

Practical application of coding guidelines for the physician-based setting. Use of the International Classification of Diseases and Current Procedural Terminology systems to code ambulatory patient diagnoses and treatment. Prerequisites: HCC204, HIT185, and HIT214, or permission of instructor.

Summer I Evening - Session

1,8	6180 TBA	TBA	TBA	Staff
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Section 6180 The first class meeting is 06/02/04 at 5:00pm in E 211 and requires Department approval/signature to enroll.

HIT212 CPT Coding I \$110 2

Introduction to Current Procedural Terminology (CPT) from both facility and physician perspectives. General content, coding guidelines, and the role in healthcare reimbursement. Coding of basic medical and surgical services including use of modifiers. Introduction to computerized encoders. Ethical coding and compliance issues highlighted. Prerequisites: (HCC145, or HCC145AA, HCC145AB and HCC145AC), or (HCC146 and HCC145AC), and (BIO160 or BIO202), or permission of instructor.

Summer I Evening - Session

1	6184 E 224	TR	5:00-7:40P	Staff
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HIT214 CPT Coding II \$110 2

In-depth exposure to CPT coding, reimbursement trends, guidelines, and coding from source documents. Application of current evaluation and management documentation guidelines. Emphasis on surgical procedures from a technical as well as a coding standpoint. Appropriate assignment of CPT and HCPCS Level II modifiers. Prerequisites: HCC204 and HIT212, or permission of instructor.

Summer I Evening - Session

1	6188 E 224	MW	5:00-8:40P	Staff
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HIT215 Hospital-Based Medical Coding Seminar \$28 .5

Content and development of hospital-based coding compliance programs. Forum for discussion of classroom, laboratory, and professional practice experience. Prerequisites: HCC204 and HIT185 and HIT211 and HIT214 or permission of instructor. Corequisites: HIT216 or permission of instructor.

Summer I Evening - Session

1,8	6190 E 211	R	5:00-6:40P	Staff
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Section 6190 This class meets four times on 06/16, 06/30, 07/14 and 07/28.

Summer I Day - Session	Summer I Evening - Session	Summer II Day - Session
June 6 - July 7	June 6 - July 28	July 11 - August 11
HIGHLIGHTED section lines denote a course offered in the evening or weekend.		

Subj. Code	Course Title	*\$	Credits		
Fnt.	Sect #	Bldg/Rm	Days	Time	Instructor

HIT216 Medical Coding: Hospital Based \$55 1

Practical application of coding guidelines for hospital-based medical coding. Use of International Classification of Diseases and Current Procedural Terminology systems to code services for hospital patients. Prerequisites: HCC204 and HIT185 and HIT211 and HIT214 or permission of instructor. Corequisites: HIT215 or permission of instructor.

Summer I Evening - Session

1,8	6192	TBA	TBA	TBA	Staff
<i>Section 6192 The first class meeting is 06/02/04 at 5:00pm in E 211 and requires Department approval/signature to enroll.</i>					

Histology

Department Chair: Ms. L. Ligon
Program Director: Ms. J. Stiak

HCE173 Histology Techniques Level 2 \$190 3

Emphasis on decalcification techniques, ergonomic safety practices for microtomy, and frozen section techniques. Application of embedding orientation by tissue type. Procedures for paraffin embedding station, cryostat and rotary microtome set-up and maintenance, and sharps safety practices for the microtome. Includes techniques for microtomy, specialized microtomy, frozen section, and cytology specimen preparation. Prerequisites: HCE172. Corequisites: HCE174.

Summer I Evening - Session

1,4,8	5960	PSB 26	S	9:00-3:30P	K Hill
<i>Section 5960 meets 8 weeks 06/04 - 07/30.</i>					

HCE174 Histology Techniques Level 2 Practicum \$165 3

Practicum in histology techniques performed in an anatomic laboratory. Use of decalcification and frozen section techniques. Includes embedding orientation by tissue type and ergonomic safety practices for microtomy. Procedures for the paraffin embedding station, cryostat and rotary microtome set-up and maintenance, and sharps safety practices for the microtome. Emphasis on techniques for microtomy, specialized microtomy, frozen section, and cytology specimen preparation. Prerequisites: HCE172. Corequisites: HCE173.

Summer I Day - Session

1,2,8	1162	TBA	TBA	TBA	K Hill
<i>Section 1162 meets 8 weeks 06/04 - 07/30.</i>					

History

Department Chair: Dr. A. Celozza

HIS103 United States History to 1870 \$165 3

The political, economic, and social development of United States from Colonial through Reconstruction period. Prerequisites: None.

Summer I Evening - Session

6150	A 105	TR	6:00-8:35P	Staff
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HIS104 United States History 1870 to Present \$165 3

The political, economic, and social development of United States from Reconstruction period up to present time. Prerequisites: None.

Summer II Day - Session

3902	A 110	MTWR	9:10-11:10A	Staff
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HIS243 World Religions is also offered as PHI243 (see page 40) and REL243 (42 page).

HIS243 World Religions \$165 3

The development of various religions from the prehistoric to modern times. Political, economic, social and geographic relationships among world religions. Consideration of both Eastern and Western religions. Prerequisites: None.

Summer I Day - Session

1234	A 110	MTWR	11:20-1:20P	Staff
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Humanities

Department Chair: Dr. G. Eroo

HUM205 Introduction to Cinema \$165 3

Survey of the history and development of the art of motion pictures, including criticism of aesthetic and technical elements. Prerequisites: None.

Summer I Day - Session

1270	T 101	MTWR	9:10-11:10AV	Tennyson
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Summer I Evening - Session

6202	T 101	MTWR	6:00-8:00P	V Tennyson
<i>Section 6202 meets 5 weeks 06/06 - 07/07.</i>				

Information Security Technology

Department Chair: Ms. K. Green

ITS172 Viruses and Other Malicious Software \$55 1

Spyware, adware, viruses, worms and trojans. Available tools for identifying and removing malicious software. Techniques for analyzing the behavior of malicious software. Methods of infection and prevention of infection. Prerequisites: None.

Summer I Evening - Session

6290	OSW201	R	6:00-9:00P	D Hauert
<i>Section 6290 meets 9 weeks 06/02 - 07/28.</i>				

Interior Design

Department Chair: Mrs. S. Phillips
Program Director: Mr. K. Roberts

INT140 Introduction to Architectural Desktop for Interior Design \$190 3

Introduction to Architectural Desktop AutoCAD(tm) tools for the interior designer with emphasis on industry-accepted standards for interior design following American Institute of Architects (AIA) guidelines. Prerequisites: DFT121.

Summer I Day - Session

1,4	1290	DB 136	TR	8:00-12:00P	K Roberts
<i>Section 1290 meets 8 weeks 06/07 - 07/28.</i>					

INT271AA Interior Design Internship \$55 1

Interior design work experience in the interiors industry. Required to work 80 hours. Supervised and evaluated by a faculty coordinator. Prerequisites: Departmental approval. May be repeated for a total of four (4) credits with department permission.

Summer I Day - Session

1292	TBA	OE/OE	OE/OE	K Roberts
<i>Section 1292 requires permission of Program Director.</i>				

INT271AB Interior Design Internship \$110 2

Interior design work experience in the interiors industry. Required to work 160 hours. Supervised and evaluated by a faculty coordinator. Prerequisites: Departmental approval. Course Note: May be repeated for a total of four (4) credits with department permission.

Summer I Day - Session

1294	TBA	OE/OE	OE/OE	K Roberts
<i>Section 1294 requires permission of Program Director.</i>				

Summer I Day - Session	Summer I Evening - Session	Summer II Day - Session
June 6 - July 7	June 6 - July 28	July 11 - August 11

HIGHLIGHTED section lines denote a course offered in the evening or weekend.

Subj. Code	Course Title	*\$	Credits
Fnt.	Sect # Bldg/Rm	Days	Time

INT271AC Interior Design Internship \$165 3

Interior design work experience in the interiors industry. Required to work 240 hours. Supervised and evaluated by a faculty coordinator. Prerequisites: Departmental approval.

Summer I Day - Session

1296 TBA OE/OE OE/OE K Roberts
Section 1296 requires permission of Program Director.

Italian

Department Chair: Dr. V. Foster
Evening Coordinator: Ms. D. Escalante

ITA115 Beginning Italian Conversation I \$170 3

Conversational Italian. Basic sentence structure, pronunciation and vocabulary necessary to develop speaking ability in Italian. Designed for students seeking speaking and listening abilities with little emphasis on grammar. Prerequisites: None.

Summer I Evening - Session

4 6282 A 110 TR 6:00-8:30P A Macro

Legal Assisting

Department Chair: Ms. E. Soderman
Program Director: Mr. S. Hauert
www.phoenixcollege.edu/legalstudies

Note: Except for LAS100 or LAS101, students registering for LAS classes must have a signature and stamp from an Academic Advisor on their registration form. The advisors for Legal Studies are located in the general advisement area of the Learning Center. If you have questions, please contact the Legal Studies Advisor at 602-285-7833.

STUDENTS MUST REGISTER IN PERSON AT THE PHOENIX COLLEGE REGISTRATION CENTER AFTER MEETING WITH THE LEGAL STUDIES ADVISOR. REGISTRATION BY FAX, PHONE, OR INTERNET IS NOT AVAILABLE FOR LEGAL ASSISTING COURSES.

LAS100 Introduction to Paralegalism \$55 1

Focus on the role, responsibilities, and ethical standards of a legal assistant/paralegal. Provides an overview of the legal system and the role of the legal assistant in the legal system. Emphasis on professional development and job-search strategies. Prerequisites: None.

Summer I Evening - Session

6302 PSB 27 T 6:00-8:45P G Harris
Section 6302 meets 5 weeks 06/28 - 07/26.

Subj. Code	Course Title	*\$	Credits
Fnt.	Sect # Bldg/Rm	Days	Time

LAS101 Introduction to Law \$165 3

Legal terminology and basic legal principles in the areas of tort, contract, and criminal law. Interrelationships among lawyers, the court system, and law enforcement and administrative agencies. Development of a case for trial, adjudication, and post-verdict procedures in the civil and criminal systems. Prerequisites: None.

Summer I Evening - Session

6306 PSB 23 MW 6:00-8:45P J Colon

LAS115 Criminal Trial Procedure \$165 3

Procedural aspects of the criminal trial process in Arizona state courts from preliminary proceedings through trial. Emphasis on application of the rules of criminal procedure and preparation of common trial documents by paralegals. Documents include the charging instrument, pre-trial motions, and jury instructions. Prerequisites: LAS101 or permission of department chair, or program director. Prerequisites or Corequisites: BPC110 or permission of department chair or program director.

Summer I Evening - Session

1 6310 PSB 23 R 6:00-10:00P A Kuffner
Section 6310 meets 10 weeks 06/02 - 08/04.

LAS204 Business Law for Legal Assistants \$180 3

Examination of legal contracts and contracts regulated by the Uniform Commercial Code (Sales Contracts and Secured Transactions); examination of business organizations including Sole Proprietorships, Partnerships, Corporations, and Limited Liability Companies. Includes drafting of contracts and documents used in the formation and operation of business organizations. Prerequisites or Corequisites: LAS109 and (BPC110 or permission of department chair or program director).

Summer I Day - Session

1,4 1320 PC WEBCT E Soderman
Section 1320 meets 8 weeks 06/01 - 07/20.

This section of LAS204 is Internet-based only and begins on June 1. There is a required orientation session on June 1 from 4:45-5:45 in lab B-225, located on the second floor of "B" Building. This course has a WebCT support fee.

Subj. Code	Course Title	*\$	Credits
Fnt.	Sect # Bldg/Rm	Days	Time

LAS212 Insurance and Tort Law \$175 3

Basic elements of negligence, strict liability, intentional torts; defenses; damages; insurance coverage. Evaluation of records and personal injury claims; review of insurance policies; settlement brochure; preparation of case intake memorandum. Prerequisites: LAS109 and (BPC110 or permission of department chair or program director).

Summer I Evening - Session

1,4 6318 A 110 W 6:00-8:45P E Soderman
HYBRID

LAS212 meets Wednesdays, June 1 - July 20. LAS212 meets as scheduled in the classroom on Wednesday evenings only and has an Internet-based component (WebCT) that students must participate in to satisfy the course requirements. The first class session only meets at the regularly scheduled time in lab B-225, located on the second floor of "B" Building. All other class sessions are in the regular classroom.

LAS229 Computerized Law Office and Litigation Support \$185 3

Word processing skills for the law office; use of presentation software; types and comparisons of litigation support systems; types and uses of electronic trial software; coding schemes; management of integrated litigation support system. Fee arrangements; the billing cycle; billing procedures; management of billing activities. Management of names, matters, and events; indexing structures; reports; ethical issues. Prerequisites: LAS110 and (BPC110 or equivalent or permission of department chair or program director).

Summer I Evening - Session

1,4 6322 B 225 M 6:00-9:45P R Wood
Section 6322 meets 9 weeks 05/16 - 07/25.
1,4 6326 B 225 W 6:00-9:45P R Patterson
Section 6326 meets 9 weeks 06/01 - 07/27.

In order to register for LAS229 for the summer 2005 term, the prerequisites of BPC110 and LAS110 must have either been completed prior to registration or you must be enrolled for these prerequisites during the spring 2005 semester.

Legal Secretarial

Department Chair: Mrs. K. Green
Program Director: Mrs. D. Fladhammer

Many Legal Secretarial courses are OAS, pages 39-40. See catalog for program requirements or call Jennifer Salisbury in Advisement at 602-285-7833 for information or an appointment.

summer course listings

Summer I Day - Session	Summer I Evening - Session	Summer II Day - Session
June 6 - July 7	June 6 - July 28	July 11 - August 11
HIGHLIGHTED section lines denote a course offered in the evening or weekend.		

Subj. Code	Course Title	*\$	Credits
Fnt.	Sect # Bldg/Rm	Days	Time
		Instructor	

Mathematics

Department Chair: Dr. C. Martinez
 Evening Coordinator: Mrs. L. Kisiel

A graphing calculator is required in the following courses: MAT090, MAT091, MAT120, MAT142, MAT150, MAT151, MAT172, MAT182, MAT187, and all 200-level courses.

A limited number of graphing calculators are available for rent from the Math Department for a fee of \$15 (TO STUDENTS ENROLLED IN A MATH CLASS ONLY) However, you are encouraged to purchase your own calculator.

NC 500 Calculator Rental-Ti 83 Plus \$15
 4 9083 TBA TBA TBA C Martinez

NC 500 Calculator Rental-Ti 89 \$15
 4 9089 TBA TBA TBA C Martinez

NC 500 Maple Software Rental \$20
 4 9085 TBA TBA TBA C Martinez

MAT082 Basic Arithmetic \$170 3

Primary emphasis placed on fundamental operations with whole numbers, fractions, decimals, integers, and rational numbers; proportions, and percentages. Other topics include representations of data, geometric figures, and measurement. Prerequisites: None.

Scientific calculator required for this class.

Summer I Day - Session

4	1380	A 200	MTWR	11:20-1:20PT	Adamson
4	1382	B 210	MTWR	7:00-9:00A	J Bright
4	1384	B 210	MTWR	9:10-11:10A	J Bright

Summer I Evening - Session

4	6380	B 208	MW	6:00-8:30P	T Bernero
4	6382	B 208	TR	6:00-8:30P	S Jamali

Summer II Day - Session

4	4102	B 204	MTWR	9:10-11:10A	C Gaye
4	4104	B 204	MTWR	7:00-9:00A	Herrera-Bill

MAT091 Introductory Algebra \$225 4

Linear behavior; linear equations and inequalities in one and two variables; graphs; systems of equations in two variables; function notation, graphs, and data tables; operations on polynomials; properties of exponents; applications. Prerequisites: Grade of "C" or better in MAT082, or MAT102, or equivalent or satisfactory score on District placement exam. Course Note: May receive credit for only one of the following: MAT090, MAT091, MAT092, or MAT093.

Graphing calculators are required for this class. The TI-83 plus is strongly recommended.

Summer I Day - Session

1,4	1388	B 208	MTWR	9:10-12:00P	J Sousa
1,4	1390	B 202	MTWR	7:00-9:50A	P Miller
1,4	1392	B 202	MTWR	11:20-2:10P	P Miller
1,4	1394	B 201	MTWR	9:10-12:00P	P Kaczur

MAT091 Introductory Algebra (Cont.) \$225 4

Summer I Evening - Session

1,4	6386	B 202	MW	5:30-8:50P	M Bajpai
1,4	6388	B 204	TR	5:30-8:50P	K Ahuja

Summer II Day - Session

1,4	4108	B 201	MTWR	7:00-9:50A	C Sherrill
1,4	4110	B 201	MTWR	11:20-2:10P	C Sherrill

MAT102 Mathematical Concepts/ Applications \$170 3

A problem solving approach to mathematics as it applies to life and the world of work. Development, demonstration, and communication of mathematical concepts and formulas that relate to measurement, percentage, statistics, and geometry. Prerequisites: Grade of "C" or better in MAT082, or equivalent, or satisfactory score on District placement exam.

Summer I Day - Session

1,4	1398	B 210	MTWR	11:20-1:20P	J Bright
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Summer I Evening - Session

1,4	6392	A 214	TR	6:00-8:30P	J Hall
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Summer II Day - Session

1,4	4114	B 204	MTWR	11:20-1:20P	Staff
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MAT120 Intermediate Algebra \$280 5

Quadratic, rational, radical, exponential, and logarithmic functions and equations; graphs of quadratic, exponential, and logarithmic functions; equations quadratic in form; operations on rational expressions, radical expressions, and complex numbers; rational exponents; applications. Prerequisites: Grade of "C" or better in MAT090, MAT091, MAT092, MAT093, or equivalent, or a satisfactory score on the District placement exam. May receive credit for only one of the following: MAT120, MAT121, or MAT122.

Graphing calculators are required for this class. The TI-83 plus is strongly recommended.

Summer I Day - Session

1,4	1400	E 217	MTWR	11:30-1:35P	C Gaye
<i>Section 1400 meets 8 weeks 06/06 - 07/28.</i>					
1,4	1402	E 213	MTWR	11:30-1:35P	N Fray
<i>Section 1402 meets 8 weeks 06/06 - 07/28.</i>					
1,4	1404	A 102	MTWR	9:15-11:20A	D Shaw
<i>Section 1404 meets 8 weeks 06/06 - 07/28.</i>					

Summer I Evening - Session

1,4	6396	B 210	MTWR	6:00-8:15P	P Fedock
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MAT142 College Mathematics \$170 3

Working knowledge of college-level mathematics and its applications to real-life problems. Emphasis on understanding mathematical concepts and their applications rather than on manipulative skills. Appropriate for the student whose major does not require college algebra or pre-calculus. Prerequisites: Grade of "C" or better in MAT120 or MAT121 or MAT122 or equivalent, or satisfactory score on District placement exam. Course Note: Appropriate for the student whose major does not require college algebra or precalculus.

Graphing calculators are required for this class. The TI-83 plus is strongly recommended.

Summer I Day - Session

1,4	1406	A 214	MTWR	11:20-1:20PD	Ermoian
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MAT151 College Algebra / Functions \$225 4

Analysis and interpretation of the behavior and nature of functions including polynomial, rational, exponential, logarithmic, power, absolute value, and piecewise-defined functions; systems of equations, modeling and solving real world problems. Additional topics may include matrices, combinatorics, sequences and series, and conics. Prerequisites: Grade of "C" or better in MAT120, or MAT121, or MAT122, or equivalent, or satisfactory score on District placement exam. Course Note: May receive credit for only one of the following: MAT150, MAT151, MAT152, or MAT187.

Graphing calculators are required for this class. The TI-83 plus is strongly recommended.

Summer I Day - Session

1,4	1408	OSW106	MTWR	11:20-2:10P	T Bryan
1,4	1410	A 200	MTWR	7:00-9:50A	T Adamson

Summer I Evening - Session

1,4	6400	B 201	TR	5:30-8:50P	P Paulson
1,4	6402	B 204	MW	5:30-8:50P	C Gaye

Summer II Day - Session

1,4	4118	A 104	MTWR	11:20-2:10P	Herrera-Bill
1,4	4120	OSW106	MTWR	11:20-2:10P	T Bryan

MAT156 Mathematics for Elementary Teachers I \$170 3

Focuses on numbers and operations. Algebraic reasoning and problem solving integrated throughout the course. Prerequisites: Grade of "C" or better in MAT142, or MAT150, or MAT151, or MAT152, or equivalent, or satisfactory score on District placement exam.

Summer I Day - Session

1,4	1414	A 214	MTWR	7:00-9:00A	D Ermoian
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Summer I Day - Session	Summer I Evening - Session	Summer II Day - Session
June 6 - July 7	June 6 - July 28	July 11 - August 11

HIGHLIGHTED section lines denote a course offered in the evening or weekend.

Subj. Code	Course Title	*\$	Credits
Fnt.	Sect # Bldg/Rm		Instructor

MAT157 Mathematics for Elementary Teachers II \$170 3

Focuses on measurement, geometry, probability and data analysis. Appropriate technologies, problem solving, reasoning, and proof are integrated throughout the course. Prerequisites: MAT156 or equivalent.

Summer I Day - Session

1,4 1418 A 214 MTWR 9:10-11:10AD Ermoian

MAT172 Finite Mathematics \$170 3

An introduction to the mathematics required for the study of social and behavioral sciences. Includes combinatorics, probability, descriptive statistics, matrix algebra, linear programming and the mathematics of finance. Includes applications of technology in problem-solving. Prerequisites: Grade of "C" or better in MAT150, or MAT151, or MAT152, or MAT187 or equivalent, or satisfactory score on District placement exam.

Graphing calculators are required for this class. The TI-83 plus is strongly recommended.

Summer I Day - Session

1,4 1422 B 204 MTWR 9:10-11:10A B Garner

MAT182 Plane Trigonometry \$170 3

A study of measures of angles, properties of graphs of trigonometric functions, fundamental identities, addition and half-angle formulas, inverse trigonometric functions, solutions of trigonometric equations, complex numbers and properties of triangle solution. May receive credit for only one of the following: MAT182 or MAT187. Prerequisites: Grade of "C" or better in MAT150, or MAT151, or MAT152, or equivalent, or concurrent registration in MAT150, or MAT151, MAT152, or satisfactory score on District placement exam.

Graphing calculators are required for this class. The TI-83 plus is strongly recommended.

Summer I Day - Session

1,4 1426 OSW106 MTWR 9:10-11:10A T Bryan

Summer I Evening - Session

1,4 6410 B 201 MW 6:00-8:30P S Jamali

MAT212 Brief Calculus \$170 3

Introduction to the theory, techniques and applications of the differential and integral calculus of elementary functions with problems related to business, life, and the social sciences. Prerequisites: Grade of "C" or better in MAT150, or MAT151, or MAT152, or MAT187 or equivalent, or satisfactory score on District placement exam.

Graphing calculators are required for this class. The TI-83 plus is strongly recommended.

Summer I Day - Session

1,4 1430 B 204 MTWR 7:00-9:00A B Garner

Subj. Code	Course Title	*\$	Credits
Fnt.	Sect # Bldg/Rm		Instructor

MAT212 Brief Calculus (Cont.) \$170 3

Summer I Evening - Session

1,4 6414 A 214 MW 6:00-8:30P K Ahuja

Summer II Day - Session

1,4 4124 OSW106 MTWR 9:10-11:10A T Bryan

MAT220 Analytic Geometry and Calculus I \$280 5

Topics from analytic geometry with special emphasis on inequalities and absolute value expressions, limits, continuity, the fundamental principles and formulae for differential and integral calculus along with their applications to geometry and mechanics, the mean value theorems and the fundamental theorem of calculus. May receive credit for only one of the following: MAT220 or MAT221. Prerequisites: Grade of "C" or better in (MAT150 or MAT151 or MAT152 and MAT182) or MAT187 or equivalent or satisfactory score on district placement exam.

Graphing calculators are required for this class. The TI-89 plus or TI-89 is strongly recommended.

Summer I Day - Session

1,4 1434 A 102 MTWR 7:00-9:05A D Shaw

Section 1434 meets 8 weeks 06/06 - 07/28.

Medical Assisting

Department Chair: Ms. L. Ligon
Program Director: Ms. H. Houser

HCE102 Orientation to the Physiology and Psychology of Body Systems \$55 1

Application of basic physiology and psychology of body systems as they relate to an entry-level health care professional's role. Prerequisites: HCC130, HCC145 or (HCC145AA, HCC145AB, and HCC145AC), or permission of instructor.

Summer I Day - Session

1130 C 212 TWR 8:15-11:55A L Jensen

Section 1130 meets 2 weeks 05/19 - 05/26.

HCE109 Phlebotomy and Specimen Processing: Basic Skills \$75 1

Theory and practice of basic phlebotomy and specimen processing including laboratory test codes, equipment, and procedures. Prerequisites: None.

Summer I Day - Session

1,4,8 1138 C 111 TR 1:00-4:50PC Tankersley

Section 1138 meets 4 weeks 06/07 - 06/30.

Subj. Code	Course Title	*\$	Credits
Fnt.	Sect # Bldg/Rm		Instructor

HCE110 Practicum: Fundamental Phlebotomy Skills \$38 .5

Application of fundamental phlebotomy techniques in a clinical laboratory setting or health care environment. Prerequisites: HCE109, or permission of program coordinator.

Summer I Day - Session

1,4,8 1146 TBA TBA TBA G Hiddessen

Section 1146 meets 6 weeks 06/30 - 07/15.

HCE221 Administration of Medication \$180 3

Principles and procedures for administering medications. Includes classifications, uses, effects, legal regulations, calculating dosages, and correct terminology. Emphasis on oral and parenteral of drug administration. Prerequisites: None.

Summer I Day - Session

1,4 1170 C 212 TWR 8:15-11:55A M Bayless

C 212 W 1:00-4:20P

Section 1170 meets 4 weeks 06/07 - 06/30.

HCE274 Administrative Medical Assisting Externship \$55 1

Practicum in administrative medical assisting. Application of administrative duties, procedures, and knowledge derived from medical assisting courses. Prerequisites: HCC130, HCC145, HCE226, HCE227, HCE/BPC229, and permission of program director.

Summer I Day - Session

1,2 1190 TBA TBA TBA M Bayless

Section 1190 meets 17 weeks 06/13 - 10/07.

HCE275 Clinical Medical Assisting Externship \$110 2

Practicum in clinical medical assisting. Application of clinical skills, procedures, and knowledge derived from medical assisting courses. Prerequisites: HCC130, HCC145, or (HCC145AA, HCC145AB, and HCC145AC), HCE102, HCE109, HCE110, HCE162, HCE167, HCE221, HCE222, HCE226, HCE227, HCE229, HCE251, HCE261, and permission of program director.

Summer I Day - Session

1,2 1192 TBA TBA TBA M Bayless

Section 1192 meets 17 weeks 06/13 - 10/07.

Summer I Day - Session	Summer I Evening - Session	Summer II Day - Session
June 6 - July 7	June 6 - July 28	July 11 - August 11
HIGHLIGHTED section lines denote a course offered in the evening or weekend.		

Subj. Code	Course Title	*\$	Credits
Ftnt.	Sect # Bldg/Rm		Instructor

Music

Department Chair: Mr. R. Reyes
 Program Director: Mr. M. Yoes

See page 20 for Music courses being offered in Ireland, Phoenix College Study Abroad.

Music: Appreciation/History/Literature

MHL145 American Jazz and Popular Music \$166 3

The study of cultural and social contributions to the evolution of American jazz and popular music from the mid-1800's to present. Prerequisites: None.

Summer I Day - Session

4 1462 M 102 MTWR 9:10-11:10A B Ruth

Music: Electronic/Studio Music

No textbook needed for MTC191, headphones are required. Additional lab sessions TBA with instructor.

MTC191 Electronic Music I \$205 3

An introduction to producing music with Musical Instrument Digital Interface (MIDI) configurations consisting of computers, printers, synthesizers, and other compatible MIDI instruments. Prerequisites: None.

Summer I Evening - Session

4 6460 M 126 MW 6:00-9:20P A Mortimer

No textbook needed for MUC195, headphones are required. Additional lab sessions TBA with instructor.

MUC195 Studio Music Recording I \$205 3

Basic principles of studio sound recording. Emphasis on musical acoustics, operation of recording equipment, studio setups, and multitrack recording. Includes studio session process and musical production decisions. Prerequisites: None.

Summer I Day - Session

4 1480 M 104 MTWR 10:00-1:20P J Weddle

Music: Performance - Class Piano

MUP131 Class Piano I \$115 2

Development of beginning piano techniques and the fundamentals of music including basic hand position, music reading skills of melodic and harmonic material, major scales, transposition, and harmonizations including the I, IV, V7 chords. Prerequisites: None.

Summer I Day - Session

4 1490 M 125 MTWR 9:10-11:10A D Hooper

Summer I Evening - Session

4 6472 M 125 MTW 6:00-8:40P B Bingener
 Section 6472 meets 5 weeks 06/06 - 07/06.

MUP132 Class Piano II \$115 2

Continuation of Piano I with emphasis on elementary piano techniques including major and minor scales, transposition, improvisation, and sight reading. Prerequisites: MUP131 or permission of instructor.

Summer I Day - Session

1,4 1494 M 125 MTWR 9:10-11:10A D Hooper

Summer I Evening - Session

1,4 6474 M 125 MTW 6:00-8:40P B Bingener
 Section 6474 meets 5 weeks 06/06 - 07/07.

MUP231 Class Piano III \$115 2

Development of intermediate piano techniques including selected solo literature, transposition of harmonic patterns, and secondary dominants. Prerequisites: MUP132 or permission of instructor.

Summer I Day - Session

1,4 1518 M 125 MTWR 9:10-11:10A D Hooper

Summer I Evening - Session

1,4 6476 M 125 MTW 6:00-8:40P B Bingener
 Section 6476 meets 5 weeks 06/06 - 07/07.

MUP232 Class Piano IV \$115 2

Continuation of Piano III including modulation techniques, improvisation of piano accompaniments, advanced chromatic harmony, and sight reading of advanced literature. Prerequisites: MUP231 or permission of instructor.

Summer I Day - Session

1,4 1522 M 125 MTWR 9:10-11:10A D Hooper

Summer I Evening - Session

1,4 6478 M 125 MTW 6:00-8:40P B Bingener
 Section 6478 meets 5 weeks 06/06 - 07/07.

Music: Performance - Class Voice

MUP133 Class Voice I \$111 2

Introduction to the fundamentals of vocal production. Emphasis on breathing techniques, tone production and performances in class of solo vocal literature. Prerequisites: None.

Summer I Day - Session

4 1498 M 138 MTWR 9:10-11:10A Dockendorff

MUP134 Class Voice II \$111 2

Continuation of Class Voice I including the elements of stage presence and diction. Prerequisites: MUP133 or permission of instructor.

Summer I Day - Session

1,4 1502 M 138 MTWR 9:10-11:10A Dockendorff

MUP233 Class Voice III \$111 2

Interpretive singing through a closer examination of coloring, tone production, dynamics, and tempo indications. Prerequisites: MUP134.

Summer I Day - Session

1,4 1526 M 138 MTWR 9:10-11:10A Dockendorff

MUP234 Class Voice IV \$111 2

Emphasis on the preparation of solo vocal literature for the purpose of evaluation and the integration of the music with the drama of the music. Prerequisites: MUP233 or permission of instructor.

Summer I Day - Session

1,4 1530 M 138 MTWR 9:10-11:10A Dockendorff

Nursing

Department Chair: Ms. M. Souders

NUR187 Pharmacology & Medication Administration II \$90 1.5

Overview of selected drug classifications and groupings. Emphasis on principles of drug metabolism and effects, interactions and adverse reactions, and nursing implications for safe practice. Prerequisites: (HCR240 or HCR240AA), NUR161, NUR163, NUR167, and NUR169.

Summer I Day - Session

1,4 1630 PC WEBCT M Chavez
 Section 1630 meets 10 weeks 06/01 - 08/01. PC WEBCT is an online course, for complete instructions see page 44.

NUR281 Nursing Process & Critical Thinking IV \$195 3

Emphasis on nursing concepts and theories to meet complex needs of the critically ill and high-risk clients with multiple system alterations in health. Includes high risk perinatal, pediatric, and adult clients in acute care and community settings. Focus on application of critical thinking skills to modify a holistic plan of care. Highlights the role of the professional nurse in health education/promotion, illness prevention, and restorative care. Prerequisites: (NUR261, NUR263, NUR267, and NUR269), or NCE214OP, or Integrated Competency Assessment Network (ICAN) placement. Corequisites: NUR289 or permission of Nursing Department chairperson. Course Note: Nursing Process/Critical Thinking course and Nursing Science course must be successfully completed concurrently to meet program requirements.

Summer I Day - Session

1,4 1636 C 206 W 10:00-12:00P N Peterson
 C 206 W 1:00-3:00P P Dewitt
 C 206 R 10:00-12:50P

Section 1636 meets 8 weeks 05/25 - 07/14.

Summer I Day - Session

June 6 - July 7

Summer I Evening - Session

June 6 - July 28

Summer II Day - Session

July 11 - August 11

HIGHLIGHTED section lines denote a course offered in the evening or weekend.

Subj. Code Course Title *\$ Credits
Fnt. Sect # Bldg/Rm Days Time Instructor

NUR285 Developing the Nurse's Role II \$65 1

Emphasis on synthesis of previously learned concepts to generate a plan for lifelong, professional role development. Concepts include role transition, professional organizations, legal issues, and licensure Prerequisites: (NUR261, NUR263, NUR267, and NUR269), or NCE214OP, or Integrated Competency Assessment Network (ICAN) placement.

Summer I Day - Session

1,4 1648 C 206 R 8:00-9:50A P Dewitt
HYBRID

Section 1648 meets 8 weeks 05/26 - 07/14.

1,4 1650 C 206 R 8:00-9:50A P Dewitt
HYBRID

Section 1650 meets 8 weeks 05/26 - 07/14.

NUR289 Nursing Science IV \$355 6

Culminating clinical practice course to provide learning experiences applying theoretical and clinical concepts of complex needs for pediatric, childbearing, and high risk adults with multi- system alterations in health. Leadership, management, and caregiver roles of the professional nurse with clients and their families in selected areas of nursing practice emphasized. Assignment of students to nurse preceptors with faculty guidance to focus on leadership/management and application of nursing process theories, concepts, issues and trends in caring for clients in a variety of acute and community health care settings. Prerequisites: (NUR261, NUR263, NUR267, and NUR269), or NCE214OP, or Integrated Competency Assessment Network (ICAN) placement. Corequisites: NUR281 or permission of Nursing Department chairperson. Course Note: Nursing Process/Critical Thinking course and Nursing Science course must be successfully completed concurrently to meet program requirements.

Summer I Day - Session

1,2,4 1640 HOSP MT TBA N Peterson
Section 1640 meets 13 weeks 05/16 - 08/12.

1,2,4 1642 HOSP MT TBA P Dewitt
Section 1642 meets 13 weeks 05/16 - 08/12.

1,2,4 1644 HOSP MT TBA Staff
Section 1644 meets 13 weeks 05/16 - 08/12.

1,2,4 1646 HOSP MT TBA Staff
Section 1646 meets 13 weeks 05/16 - 08/12.

Office Automation Systems

Department Chair: Ms. K. Green

Program Director: Mrs. D. Fladhammer

For Open-Entry courses, see page 39.

OAS102 Computer Typing II: Document Production \$180 3

Arrangement of letters, memos, manuscripts, and tabulation; speed/accuracy improvement. Prerequisites: OAS101 or permission of department/division.

Summer I Day - Session

1,4 1705 B 228 OE/OE OE/OE W Jones

OPEN-ENTRY/OPEN-EXIT COURSES

To successfully earn credit in your course, you must turn in your work and take the final exam by **Thursday, July 21, 2005.**

**Applied Business
Computer Lab Summer I 2005
Lab opens June 6**



**Room B228
Phone: (602) 285-7361**

Open-entry/open-exit courses (OE/OE) are essentially SELF-PACED courses. In an OE/OE computer course, the student reads the textbook and supplemental materials, completes the assignments on the computer, checks the assignments against available answer keys, turns in the assignment, and then moves on to the next assignment.

These courses are recommended for students who (1) are self-motivated, (2) are strong readers, (3) have good problem-solving skills, and (4) manage time well.

The OE/OE environment offers students the ability to set a flexible schedule within the hours the Applied Business Computer Lab is open. It is recommended that students allocate sufficient lab time on a weekly basis to complete course work. Students may enroll in OE/OE courses throughout most of the semester.

Students who enroll for OE/OE courses MUST ATTEND AN ORIENTATION SESSION which is on the computers in the lab. The approximate one-hour orientation will provide information about textbooks, class supplies, computer software and equipment, lab usage procedures, methods for receiving assistance, and more. Faculty and lab technicians are in the lab during the hours of operation. You may enroll in either a Pass/No Credit section or the traditional Letter Grade section.

Subj. Code	Section No.	LtrGr	P/Z	Course Title	Cr.	Cost	Subj. Code	Section No.	LtrGr	P/Z	Course Title	Cr.	Cost
OFFICE SKILLS						SPREADSHEETS							
BPC/OAS111AA	0312	5312		Computer Keyboarding I	1	\$60	BPC/CIS114AE	0314	5314		Excel Level I — 2002	1	\$60
OAS101AB	1702	6702		Letters, Tables, & Reports	1	\$60	BPC/CIS114BE	0316	5316		Excel Level II — 2002	1	\$60
OAS101AC	1704	6704		Office Production & Manuscript	1	\$60	BPC/CIS114CE	0318	5318		Excel Level III — 2002	1	\$60
OAS103AA**	1706	6706		Typing: Skillbuilding I	1	\$60	DATABASE MANAGEMENT						
OAS103AB**	1708	6708		Typing: Skillbuilding II	1	\$60	BPC/CIS117AM	0322	5322		Database: Access Level I — 2002	1	\$60
OAS103AC**	1710	6710		Typing: Skillbuilding III	1	\$60	BPC/CIS117BM	0324	5324		Database: Access Level II — 2002	1	\$60
OAS113	1714	6714		Micro-Alphabetic Indexing	1	\$60	BPC/CIS117CM	0326	5326		Database: Access Level III — 2002	1	\$60
OAS118	1716	6716		10-Key by Touch	1	\$60	PRESENTATION PACKAGES						
OAS119	1717	6717		Basic Data Entry Activities	1	\$60	BPCI18AB	0328	5328		PowerPoint Level I — 2002	1	\$60
OAS121	1718	6718		Techniques of Proofreading	1	\$60	BPCI18BB	0330	5330		PowerPoint Level II — 2002	1	\$60
OAS225	1720	6720		Legal Document Preparation	2	\$120	BPCI18CB	0332	5332		PowerPoint Level III — 2002	1	\$60
**Typing assessment required.						BPCI20AF							
COMPUTER LITERACY — Microsoft Works						BPCI20BF							
BPC005	0302	5302		Brief Introduction to Computers	.25	\$15	BPCI20CF	0338	5338		Photoshop Level III	1	\$60
BPCI01AA	0304	5304		Introduction to Microcomputers I	1	\$60	BPCI28	0346	5346		Desktop Publishing — Word 2002	1	\$60
BPCI01BA	0306	5306		Introduction to Microcomputers II	1	\$60	BPCI28AF	0348	5348		Desktop Publishing — Publisher 2002	1	\$60
BPCI01CA	0308	5308		Introduction to Microcomputers III	1	\$60	BPCI38AA	0362	5362		Desktop Publishing — Pagemaker 7.0	3	\$180
CIS183AA	0370	5370		Microsoft Works	3	\$180	INTERNET						
OPERATING SYSTEMS						BPCI33AA							
BPC/CIS121AB	0340	5340		MS-DOS 6.2 Operating System	1	\$60	BPCI33BA	0354	5354		Internet — Level II	1	\$60
BPC/CIS121AE	0342	5342		Windows OS — Level I XP	1	\$60	BPCI33CA	0356	5356		Internet — Level III	1	\$60
BPC/CIS122AE	0344	5344		Windows OS — Level II XP	1	\$60	WORD PROCESSING						
INTEGRATED SOFTWARE						BPC/OAS130DK							
BPCI10	0310	5310		Microsoft Office — XP	3	\$180	BPC/OAS135DD	0358	5358		Word — 2002	1	\$60
PERSONAL FINANCES						BPC/OAS135DK							
BPCI15AA	0320	5320		Quicken Level I	1	\$60	BPC/OAS235DD	0364	5364		Corel WordPerfect 8	2	\$120
						BPC/OAS235DK							
						Word — 2002							
						Advanced Corel WordPerfect 8							
						Advanced Word							

Students paying computer lab fees for any of the open-entry courses listed here or any traditional Applied Business computer course are welcome to use B228 for assignments throughout the semester without further charge. Students not enrolled in supported courses may use the computer lab by enrolling in NC500 Section 9020 for \$10.

Subj. Code	Course Title	*\$	Credits
Fnt.	Sect # Bldg/Rm	Days	Time
		Instructor	

OAS106 Basic Machine Transcription \$180 3

Mastery of transcribing techniques with emphasis on language skills and document formatting. Prerequisites: OAS101 or permission of department/division.

Summer I Day - Session
 4 1712 B 228 OE/OE OE/OE W Jones

OAS238 Advanced Machine Transcription/Legal \$180 3

Development of recorded transcription skills in legal area. Includes operation of information processing equipment, transcription and dictation media. Emphasis on transcribing speed and accuracy and use of reference materials. Prerequisites: OAS102 and OAS106, or permission of department/division.

Summer I Day - Session
 1,4 1722 B 228 OE/OE OE/OE W Jones

Philosophy

Department Chair: Dr. A. Celozza

PHI101 Introduction to Philosophy \$165 3

General consideration of human nature and the nature of the universe. Knowledge, perception, freedom and determinism, and the existence of God. Prerequisites: None.

Summer I Day - Session
 1840 A 105 MTWR 9:10-11:10A D Miehls

Summer I Evening - Session
 6820 A 106 TR 6:00-8:35P I Genna

Summer II Day - Session
 4404 A 105 MTWR 11:20-1:20P I Genna

PHI103 Introduction to Logic \$165 3

Informal logic, logical fallacies, elementary symbolic logic, analysis of argument forms, and construction of proofs for validity. Prerequisites: ENG101 or ENG107, or equivalent.

Summer I Day - Session
 1842 A 106 MTWR 11:20-1:20P I Genna

PHI243 World Religions is also offered as HIS243 (see page 34) and REL243 (see page 42).

PHI243 World Religions \$165 3

The development of various religions from the prehistoric to modern times. Political, economic, social and geographic relationships among world religions. Consideration of both Eastern and Western religions. Prerequisites: None.

Summer I Day - Session
 1844 A 110 MTWR 11:20-1:20P Staff

Physics/Physical Science

Department Chair: Mr. D. Speed

PHY111 General Physics I \$220 4

Includes motion, energy, and properties of matter. Prerequisites: Trigonometry or department consent. Recommended for preprofessional and suggested for certain other majors.

Summer I Day - Session
 1,4,7 1860 E 115 MTWR 9:10-11:10A D Speed

PHY111 Laboratory for PHY111 \$3 0

Summer I Day - Session
 4 1862 E 115 MTWR 11:20-1:20P D Speed

Political Science

Department Chair: Dr. A. Celozza

POS221 Arizona Constitution \$55 1

Examination of the Constitution of the State of Arizona. Equivalent to the second part of POS220. May not enroll in POS220 and POS221 concurrently. Prerequisites: None.

Summer I Day - Session
 1882 A 106 MTWR 9:10-11:10A Staff
Section 1882 meets 2 weeks 06/06 - 06/16.

Summer II Day - Session
 4502 A 106 MTWR 11:20-1:20P Staff
Section 4502 meets 2 weeks 07/11 - 07/21.

POS222 U.S. Constitution \$110 2

Examination of the United States Constitution. Equivalent to the first part of POS220. May not enroll in POS220 and POS222 concurrently. Prerequisites: None.

Summer I Day - Session
 1884 A 106 MTWR 9:00-11:15A Staff
Section 1884 meets 3 weeks 06/20 - 07/07.

Summer II Day - Session
 4504 A 106 MTWR 11:20-1:35P Staff
Section 4504 meets 3 weeks 07/25 - 08/11.

The Phoenix College Schedule is available in alternative format upon request, please contact Disability Support Services at 602-285-7477.

Subj. Code	Course Title	*\$	Credits
Fnt.	Sect # Bldg/Rm	Days	Time
		Instructor	

Psychology

Department Chair: Dr. M. Gibney

PSY101 Introduction to Psychology \$170 3

To acquaint the student with basic principles, methods and fields of psychology such as learning, memory, emotion, perception, physiological, developmental, intelligence, social and abnormal. Prerequisites: None.

Summer I Day - Session
 4 1902 DB 328 MTWR 7:00-9:00A Staff
 4 1904 DB 223 MTWR 9:10-11:10A Staff
 4 1906 DB 223 MTWR 11:20-1:20P W Riedel
 4 1908 PC WEBCT M Gibney
Section 1908 PC WEBCT is an online course, for complete instruction see page xxx.

Summer I Evening - Session
 4 6842 DB 223 MW 6:00-8:35P J Feldman
 4 6844 DB 222 TR 6:00-8:35P W Riedel

Summer II Day - Session
 4 4610 DB 328 MTWR 7:00-9:00A Staff
 4 4612 DB 328 MTWR 9:10-11:10A W Riedel
 4 4614 DB 328 MTWR 11:20-1:20P W Riedel

PSY210 Educational Psychology \$185 3

Scientific research and psychological principles as they apply to teaching and learning. The role of psychology in educational settings, human diversity, theories of learning, intelligence, memory, creativity, assessment, and factors influencing effective instruction and learning. Prerequisites: PSY101 with a grade of "C" or better or permission of instructor.

Summer I Day - Session
 1,4 1910 PC WEBCT Schoenwald-Oberbe
Section 1910 PC WEBCT is an online course, for complete instruction see page 44.

PSY230 Introduction to Statistics \$170 3

An introduction to basic concepts in descriptive and inferential statistics, with emphasis upon application to psychology. Consideration given to the methods of data collection, sampling techniques, graphing of data, and the statistical evaluation of data collected through experimentation. Required of psychology majors. Prerequisites: PSY101 with a grade of "C" or better and MAT092 or equivalent, or permission of instructor.

Summer I Evening - Session
 1,4 6846 DB 328 MW 5:30-8:05P B Lerner

Summer I Day - Session	Summer I Evening - Session	Summer II Day - Session
June 6 - July 7	June 6 - July 28	July 11 - August 11
HIGHLIGHTED section lines denote a course offered in the evening or weekend.		

Subj. Code	Course Title	*\$	Credits
Fnt.	Sect # Bldg/Rm		Instructor

PSY240 Developmental Psychology \$185 3
 Human development from conception through adulthood. Includes: physical, cognitive, emotional and social capacities that develop at various ages. Recommended for students majoring in nursing, education, pre-med, and psychology. Prerequisites: PSY101 with a grade of "C" or better or permission of the instructor.

Summer I Day - Session

1,4	1912 PC WEBCT		M Gibney
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Section 1912 PC WEBCT is an online course, for complete instruction see page 44.

Reading

Department Chair: Ms. C. Ortega

Note: Internet use may be required in some RDG and CRE courses.

ASSET placement test is required for all reading courses. Student enrolling in RDG091 or CRE101 must have an appropriate ASSET test score or a grade of "C" or better in the preceding course.

ESL reading - Prep Level

RDG008 Phonics \$170 3

Designed for students who are learning English as a second language. Includes the study of the speech sounds used in English as represented by the written symbols of the alphabet; recognition of spelling patterns and resulting pronunciation; and diacritical markings. Prerequisites: Reading placement score (ASSET) or permission of instructor.

Summer I Day - Session

1,4	1922 H 112	MTWR	11:20-12:35P	Staff
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Section 1922 meets 8 weeks 06/06 - 07/28.

Level V:

RDG014 Advanced Vocabulary for ESL Speakers (Non-native Speakers) \$170 3

Designed to expand and improve reading vocabulary skills. Emphasis on understanding advanced vocabulary in both context and isolation through practice and review. Vocabulary building strategies which will aid in on-going study of words. Emphasis on both learning and using more advanced vocabulary effectively. Prerequisites: RDG010 with grade of "C" or better, or permission of instructor.

Summer I Day - Session

1,4	1924 H 112	MTWR	9:30-10:45A	Staff
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Section 1924 meets 8 weeks 06/06 - 07/28.

Subj. Code	Course Title	*\$	Credits
Fnt.	Sect # Bldg/Rm		Instructor

RDG081 Reading Improvement \$170 3
 Designed to improve basic reading skills. Includes word recognition, prediction of contents of reading selections, and development of basic vocabulary. Emphasis on identifying main ideas and related details. Reviews following directions and the understanding of graphic materials. Prerequisites: Placement test scores, or permission of instructor.

Summer I Day - Session

1,4	1926 H 209	MTWR	9:10-11:10A	Staff
1,4	1928 H 209	MTWR	11:20-1:20P	Staff

Summer II Day - Session

1,4	4640 H 202	MTWR	7:00-9:00A	Staff
1,4	4642 H 117	MTWR	11:20-1:20P	Staff

RDG091 College Reading Skills I \$170 3

Designed to improve basic reading and study skills, vocabulary and comprehension skills. Recommended to all students whose placement test scores indicate a need for reading instruction. Prerequisites: Reading placement test score (ASSET), or grade of "C" or better in RDG081, or permission of instructor.

Summer I Day - Session

1,4	1932 H 117	MTWR	7:00-9:00A	Staff
1,4	1934 H 117	MTWR	9:10-11:10A	Staff

Summer II Day - Session

1,4	4644 H 116	MTWR	7:00-9:00A	Staff
1,4	4646 H 116	MTWR	9:10-11:10A	Staff
1,4	4648 H 116	MTWR	11:20-1:20P	Staff

CRE101 may be required as part of the general education core. Please check the college catalog or consult an advisor.

CRE101 Critical and Evaluative Reading I \$170 3

Emphasis on applying critical inquiry skills to varied and challenging reading materials. Includes analysis, synthesis, and evaluation through written discourse. Prerequisites: ENG101 and (reading placement test score of 41 or higher (ASSET), or grade of "C" or better in RDG091, or permission of instructor.)

Summer I Day - Session

1,4	0510 H 116	MTWR	7:00-9:00A	Staff
1,4	0512 H 116	MTWR	9:10-11:10A	Staff

Summer II Day - Session

1,4	3480 H 117	MTWR	7:00-9:00A	Staff
1,4	3482 H 117	MTWR	9:10-11:10A	Staff

Subj. Code	Course Title	*\$	Credits
Fnt.	Sect # Bldg/Rm		Instructor

Real Estate

Department Chair: Mrs. C. Cloud
 Program Director: Ms. G. Korkames

Students pursuing a Business Department certificate or degree program and all Business transfer students are strongly encouraged to seek advisement from a Business Department faculty member. Stop by B330 or call 602-285-7387.

Please be advised that all students seeking to fulfill the State's preclicensure education requirement at Phoenix College must successfully complete both REA201 and REA201AA with a grade of "C" or better and attend ALL scheduled class meetings. Attendance is a state requirement and it cannot be waived. Should you have additional questions, please call the program director, Gail Korkames at 602.285.7381 before you enroll.

REA201 Real Estate Principles I and II \$340 6

Comprehensive survey of real estate principles to include careers in real estate, nature and description of real estate, rights and interests in land, forms of real property ownership, forms of business organization, methods of title transfer, title search and insurance, contract law, real estate sales contracts, mortgage and notes payable, deeds of trust, lending practices, loans and consumer rights, sources of financing real estate loans, types of financing instruments, real property taxes and assessments, title closing, escrow and settlement procedures, property management and real estate leases, real estate appraisal, state licensing laws and professional affiliations, real estate brokerage, real estate agency, fair housing and equal credit laws, types of residential real estate, real property insurance, land use control, economics of real estate, and investment considerations. Prerequisites: None. Course Note: This course is intended to satisfy the state of Arizona's requirement for 90 hours of preclicensure education. Students must attend all scheduled class meetings to meet the State's attendance requirement.

Summer I Evening - Session

1,4	8260 B 328	MTWR	6:30-9:45P	G Korkames
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Section 8260 meets 7 weeks 06/06 - 07/21.

REA201AA Real Estate Exam Preparation \$60 1

Complete review of real estate principles in preparation for taking Arizona's real estate license exam. Prerequisites: [Grade of "C" or better and 90 hours of school-verified attendance in (REA179 and REA180) or REA201] or permission of department. Course Note: Students must complete final exam at 70% in order for the college to issue their preclicensure certificate.

Summer II - Session

1,4	8610 B 328	MTWR	6:30-9:45P	G Korkames
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Section 8610 meets 1 week 07/25 - 07/28.

Summer I Day - Session June 6 - July 7	Summer I Evening - Session June 6 - July 28	Summer II Day - Session July 11 - August 11
HIGHLIGHTED section lines denote a course offered in the evening or weekend.		

Subj. Code	Course Title	*\$	Credits
Ftnt.	Sect # Bldg/Rm	Days	Time

REA290AH is provided to satisfy the 6-classroom hour Contract Law and Contract Writing course required by the State of Arizona in order to activate the license of a new real estate sales agent. This course can be taken prior to taking the official State licensing exam.

REA290AH Real Estate Seminar: Contract Writing \$33 .5

Contract writing skills, techniques, and requirements. Writing of basic real estate contracts, including purchase offers, counter offers, sales listing agreements, and riders. Prerequisites: (REA180 or REA201 or current Arizona Real Estate License) or permission of department.

Summer II - Session

1,2,4	8612 B 328	TR	6:30-9:45P	Staff
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Section 8612 meets 1 week 08/02 - 08/04.

Religion

Department Chair: Dr. A. Celozza

REL243 World Religions is also offered as HIS243 (see page 34 and PHI243 (see page 40).

REL243 World Religions \$165 3

The development of various religions from the prehistoric to modern times. Political, economic, social and geographic relationships among world religions. Consideration of both Eastern and Western religions. Prerequisites: None.

Summer I Day - Session

1952	A 110	MTWR	11:20-1:20P	Staff
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Society and Business

Department Chair: Mrs. C. Cloud
Program Director: Ms. M. Anderson

Students pursuing a Business Department certificate or degree program and all Business transfer students are strongly encouraged to seek advisement from a Business Department faculty member. Stop by B330 or call 602-285-7387.

SBU200 Society and Business \$170 3

The study of issues and demands placed on business enterprise by owners, customers, government, employees and society. Included are social, ethical and public issues and analysis of business responses. Prerequisites: None.

Summer II Day - Session

4	4740 B 308	MTWR	11:30-1:30P	Staff
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Spanish

Department Chair: Dr. V. Foster
Evening Coordinator: Ms. D. Escalante

SPA101 Elementary Spanish I \$225 4

Basic grammar, pronunciation and vocabulary of the Spanish language. Includes the study of the Spanish-speaking cultures. Practice of listening, speaking, reading, and writing skills. Prerequisites: None.

Summer I Day - Session

4	2002 A 203	MTWR	7:30-10:15A	Staff
4	2004 C 211	MTWR	9:30-12:15P	Staff
4	2006 PC WEBCT			D Escalante

Section 2006 PC WEBCT is an online course, for complete instruction see page 44.

4	2008 PC WEBCT			J Vazquez
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Section 2008 PC WEBCT is an online course, for complete instruction see page 44

Summer I Evening - Session

4	8302 A 203	MW	6:00-9:20P	Staff
4	8304 A 204	TR	5:30-8:50P	Staff

Summer II Day - Session

1,4	4802 PC WEBCT			D Escalante
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Section 4802 PC WEBCT is an online course, for complete instruction see page 44

SPA102 Elementary Spanish II \$245 4

Continued study of grammar and vocabulary of the Spanish language and study of the Spanish-speaking cultures. Emphasis on speaking, reading, and writing skills. Prerequisites: SPA101 or departmental approval.

Summer I Day - Session

1,4	2010 PC WEBCT			J Nideffer
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Section 2010 PC WEBCT is an online course, for complete instruction see page 44.

Summer II Day - Session

1,4	4806 A 203	MTWR	7:30-10:15A	Staff
1,4	4808 A 204	MTWR	9:30-12:15P	Staff
1,4	4810 PC WEBCT			J Vazquez

Section 4810 PC WEBCT is an online course, for complete instruction see page 44.

SPA111 Fundamentals of Spanish \$245 4

Accelerated study of elementary Spanish for students with previous Spanish coursework. Includes basic Spanish grammar, pronunciation, vocabulary and the study of the Spanish-speaking cultures. Emphasis on speaking, listening, reading, and writing skills. Prerequisites: SPA101, or SPA115, or two years of high school Spanish.

Summer I Day - Session

1,4	2009 PC WEBCT			J Vazquez
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Section 2009 PC WEBCT is an online course, for complete instruction see page 44.

SPA115 Beginning Spanish Conversation I \$170 3

Conversational Spanish. Basic sentence structure, pronunciation and vocabulary necessary to develop speaking ability in Spanish. Designed for students seeking speaking and listening abilities with little emphasis on grammar. Prerequisites: None.

Summer I Evening - Session

4	8308 A 204	MW	6:00-8:30P	Staff
4	8310 A 101	TR	6:00-8:30P	Staff

SPA201 Intermediate Spanish I \$245 4

Continued study of essential Spanish grammar and Spanish-speaking cultures. Continued practice and development of reading, writing, and speaking skills in Spanish. Emphasis on fluency and accuracy in spoken Spanish. Prerequisites: SPA102 or two years of high school Spanish, or departmental approval.

Summer II Day - Session

1,4	4816 PC WEBCT			J Vazquez
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Section 4816 PC WEBCT is an online course, for complete instruction see page 44.

1,4	4818 Obregón, Mexico			L Gutierrez
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Section 4818, meets in Obregón, Mexico, for information see below.

SPA225 Intermediate Spanish Conversation I \$165 3

Continued development of skills in conversational Spanish. A review of the major grammatical and pronunciation problems. Prerequisites: SPA116, or SPA102 or departmental approval.

Summer II Day - Session

1,4	4820 Obregón, Mexico			L Gutierrez
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Section 4820, meets in Obregón, Mexico, for information see below.

SUMMER SCHOOL IN MEXICO

¡Visit Sonora! Intensive Spanish Study Abroad Summer Program
Obregón, Sonora, México

2nd Summer Session
July 3 – August 5, 2005
Cost: \$1900* per student

(includes tuition, transportation, room and board, excursions, and student insurance)

Courses Available:
SPA 201 and SPA 225

If you wish to participate in this program, please contact
Loida Gutiérrez at (602) 285-7722 or e-mail
loida.gutierrez@pcmail.maricopa.edu

*Price subject to change.

Summer I Day - Session	Summer I Evening - Session	Summer II Day - Session
June 6 - July 7	June 6 - July 28	July 11 - August 11
HIGHLIGHTED section lines denote a course offered in the evening or weekend.		

Subj. Code	Course Title	*\$	Credits
Fnt. Sect # Bldg/Rm	Days	Time	Instructor

Textiles and Clothing Fashion Design

Department Chair: Ms. S. Phillips

TEC110 Basic Sewing Skills \$175 3

Basic clothing construction techniques. Use of commercial patterns and sewing machine in the construction of basic garments. Prerequisites: None.

Summer I Evening - Session

4 8332 DB 137 TR TBA G Mihaleva

TEC111 Clothing Construction \$175 3

Construction of garments applying basic construction principles and techniques using patterns suitable for the individuals and their capabilities. Prerequisites: None. Course Note: If student has no previous sewing experience, TEC110 Basic Sewing Skills should be taken prior to and not during this course. May be repeated for a total of 12 credit hours with permission of instructor.

Summer I Evening - Session

4 8334 DB 137 TR 5:45-9:05P G Mihaleva

TEC120 Intermediate Clothing Construction \$120 2

Application of intermediate clothing and fitting techniques. Emphasis on improving basic construction skills. Prerequisites: TEC111 or permission of instructor. May be repeated for a total of 8 credit hours with permission of instructor.

Summer I Evening - Session

1,4 8336 DB 137 TR 5:45-9:05P G Mihaleva

TEC270 Design Studio \$55 1

Design of an original garment for a line/collection. Includes sketching design, developing pattern for design, selecting fabrics for design, and construction of design. Prerequisites: TEC225 or TEC226. Course Note: Course may be repeated for a total of 4 credit hours with permission of instructor.

It is recommended that students register for both section 8338 and 8340.

Summer I Evening - Session

8338 DB 137 MW 5:30-8:30P L Taylor

Section 8338 meets 3 weeks 06/06 - 06/20.

8340 DB 137 MW 5:30-8:30P L Taylor

Section 8340 meets 3 weeks 06/22 - 07/06.

TEC271AA Fashion Design Internship \$55 1

Work experience in fashion design business or industry. Five hours of work weekly. Supervision and evaluation by an internship coordinator. May be repeated for a total of three (3) credits. Prerequisites: Departmental approval.

Summer I Day - Session

1 2060 TBA TBA TBA S Phillips

Section 2060 meets 8 weeks 06/06 - 07/28.

Theatre Arts/Drama

Department Chair: Dr. G. Eroe

THE205 Introduction to Cinema \$165 3

Survey of the history and development of the art of motion pictures, including criticism of aesthetic and technical elements. Prerequisites: None.

Summer I Day - Session

2082 T 101 MTWR 9:10-11:10AV Tennyson

Summer I Evening - Session

7354 T 101 MTWR 6:00-8:00P V Tennyson

Section 7354 meets 5 weeks 06/06 - 07/07.

THE274AC Theatre Study Tour \$165 3

A tour that focuses on theatre production outside of the metropolitan Phoenix area. Includes a variety of experiences and activities to enhance knowledge about theatre production. Prerequisites: Department approval.

Summer I Day - Session

1,2 2086 TBA TBA TBA G Eroe

Section 2086 meets 3 weeks 05/23 - 06/06. Study tour to London for complete information, see ad on this page.

Therapeutic Massage

Department Chair: Ms. L. Ligon

Program Director: Ms. D. Geddis

WED210 Sports Massage \$110 2

Purpose, benefits, and contraindications of sports massage; principles of sports physiology; massage techniques, applications, and procedures; treatment of injuries. Prerequisites: WED165 and WED230, or permission of Program Director.

Summer I Evening - Session

8360 OSW107 W 5:00-9:00P J Vargas

Section 8360 meets 10 weeks 06/01 - 08/03.

For WED218 Armaotherapy, see PC Xpress page 16.

WED232 Therapeutic Massage Practices III \$350 6

Refinement and integration of technical skills, psychosocial competencies, and role identity. Exploration of techniques to assess and facilitate range of motion and function; purpose, benefits, indications, and contraindications of therapeutic massage for specific neuro-musculoskeletal disorders/injury and special populations. Application of massage techniques with therapists pre- and post-client evaluations of the client. Adaptation of massage techniques for special populations. Prerequisites: WED231. Corequisites: WED250, or permission of Program Director.

Summer I Day - Session

1,4 2112 OSW107 MTW 8:00-1:00P Staff

Section 2112 meets 10 weeks 05/23 - 08/03.

4th ANNUAL PHOENIX COLLEGE LONDON THEATRE AND CULTURAL TOUR

Study Abroad Program
May 23 - June 6, 2005



Airfare, all transfers, 3 to 4 star hotel in London and Stratford, breakfasts, London Transport Pass, travel between London to Stratford and other cultural sites, full day

guided tour of London, museum entrances, all lectures and seminars, historical site entrances, tickets for 8 shows in London and 2 in Stratford-Upon-Avon, and a farewell dinner in London are all included for approximately \$3200.

Join us for an exciting 14-day theatrical and cultural tour of London and England. The focus of this tour is to acquaint the student with the artistic and cultural heritage of England, focusing on theatre and literature. Our hotel will be conveniently located in the heart of the London Theatre District allowing easy access to the major West End Theatres, the National Theatre, The British Museum, The National Galleries, Covent Garden, and other historical and cultural sites. We schedule a minimum of 8 shows in London and 2 in Stratford-Upon-Avon, the birthplace of Shakespeare. All participants can schedule additional shows at their own cost. Pre-departure information will include, historical and cultural overviews and production reviews. Participants will also meet with a London Theatre Critic for an overview of the London Theatre Scene. The schedule allows students free time for the opportunity to travel to different places in England or the continent.

Dr. Geoffrey Eroe, a European theatre specialist of the Phoenix College Theatre Department, leads the tour.

Students must register for THE 274AC during the first summer session.

JOIN US FOR A EUROPEAN THEATRICAL AND CULTURAL EXPERIENCE!

For more information contact
DR. GEOFFREY EROE AT 602-285-7303
or E-MAIL at geoffrey.eroe@pcmail.maricopa.edu

www.phoenixcollege.edu/departments/
communication/theatre

Registration deadline for the trip is
March 15, 2005.

Summer I Day - Session

June 6 - July 7

Summer I Evening - Session

June 6 - July 28

Summer II Day - Session

July 11 - August 11

HIGHLIGHTED section lines denote a course offered in the evening or weekend.

HYBRID and ONLINE CLASSES

Phoenix College offers the following courses using WebCT as the course management system for both online and hybrid courses.

Phoenix College WebCT Course Information

TAKING A COURSE THAT USES WEBCT

Check your schedule for the start date of your online or hybrid courses.
*Please Note: These are not open entry open exit courses.

For information on the following items go to the WebCT Orientation Page
www.pc.maricopa.edu/departments/ltd/orientation.htm

- Is online learning for you?
- System requirements
- Browser configuration
- Login instructions
- Username and password
- WebCT support hotline
- AOL users
- Student resources
- Online tutoring

COURSE DEFINITIONS

Online (\$5 fee/credit hour)

Class content is delivered entirely online. Students should have independent access to the internet.

Hybrid Courses (\$10 fee/course)

Hybrids are courses that combine the flexibility of online learning with the in-class meetings of a traditional classroom environment. Class time is divided (usually 50/50) between classroom and online work, giving students the convenience of taking a course with a reduced on-campus time commitment.

Hybrid courses are ideal for the working or busy student who has some knowledge of the internet but still desires the face-to-face instructor interaction provided by a traditional classroom setting.

summer hybrid/online course listings

Subj. Code Fnt.	Course Title Sect # Bldg/Rm	Days	Time	*\$ Credits Instructor	Subj. Code Fnt.	Course Title Sect # Bldg/Rm	Days	Time	*\$ Credits Instructor	Subj. Code Fnt.	Course Title Sect # Bldg/Rm	Days	Time	*\$ Credits Instructor
Art - Media Arts					BIO160 Introduction to Human Anatomy and Physiology \$250 4					ECN112 Microeconomic Principles \$175 3				
ART169 Two-Dimensional Computer Design \$180 3					BIO160 Laboratory for BIO160 \$25 0					English				
Summer I Day - Session					Summer I Day - Session					Summer I Day - Session				
1,4	0126 PC WEBCT			Beakley-Mercill	4,7	0246 PC WEBCT			B Parrish	4	0566 A 111	MTWR	10:00-11:50A	S Thorpe
Section 0126 meets 8 weeks 06/06 - 07/28.					Section 0246 meets 13 weeks 05/23 - 08/17.					HYBRID				
Biology					BIO201 Human Anatomy and Physiology I \$265 4					ENG101 First-Year Composition \$180 3				
BIO145 Marine Biology \$240 4					BIO201 Laboratory for BIO201 \$25 0					Summer I Day - Session				
Summer I Day - Session					Summer I Day - Session					1,4 0782 PC WEBCT				
4,7	0220 PC WEBCT			P Pepe	4	0254 PC WEBCT			B Parrish	1,4	0784 PC WEBCT			G Winters
Section 0220 meets 8 weeks 06/06 - 07/28.					Section 0254 meets 13 weeks 05/23 - 08/17.					Section 0782 meets 8 weeks 06/04 - 07/28.				
4,7	0222 PC WEBCT			P Pepe	4	0256 PC WEBCT			L Robinson	Section 0784 meets 8 weeks 06/04 - 07/28.				
Section 0222 meets 8 weeks 06/06 - 07/28.					Section 0256 meets 13 weeks 05/23 - 08/17.					ENG102 First-Year Composition \$180 3				
BIO145 Laboratory for BIO145 \$25 0					BIO202 Human Anatomy and Physiology II \$265 4					Summer I Day - Session				
Summer I Day - Session					Summer I Day - Session					1,4 0798 PC WEBCT				
4	0224 PC WEBCT			P Pepe	1,4,7	0266 PC WEBCT			J Arle	1,4	0800 PC WEBCT			E Pierce
Section 0224 meets 8 weeks 06/06 - 07/28.					Section 0266 meets 13 weeks 05/23 - 08/17.					Section 0798 meets 8 weeks 06/04 - 07/28.				
4	0226 PC WEBCT			P Pepe	BIO202 Laboratory for BIO202 \$25 0					Section 0800 meets 8 weeks 06/04 - 07/28.				
Section 0226 meets 8 weeks 06/06 - 07/28.					Summer I Day - Session					1,4 0802 PC WEBCT				
BIO156 Introductory Biology for Allied Health \$250 4					1,4,7 0272 PC WEBCT					Section 0802 meets 8 weeks 06/04 - 07/28.				
Summer I Day - Session					Section 0272 meets 13 weeks 05/23 - 08/17.					1,4 0804 PC WEBCT				
4,7	0232 PC WEBCT			C Becton	BIO202 Laboratory for BIO202 \$25 0					Section 0804 meets 8 weeks 06/06 - 07/28.				
Section 0232 meets 13 weeks 05/23 - 08/17.					Summer I Day - Session					Health Care Related				
4,7	0234 PC WEBCT			C Becton	1,4	0276 PC WEBCT			J Arle	HCR220 Health Care Organizations \$180 3				
Section 0234 meets 13 weeks 05/23 - 08/17.					Section 0276 meets 13 weeks 05/23 - 08/17.					Summer I Day - Session				
BIO156 Laboratory for BIO156 \$15 0					1,4 0278 PC WEBCT					4 1202 PC WEBCT				
Summer I Day - Session					Section 0278 meets 13 weeks 05/23 - 08/17.					Section 1202 meets 8 weeks 06/01 - 07/21.				
4	0240 PC WEBCT			C Becton	Economics					HCR220 Health Care Organizations \$180 3				
Section 0240 meets 13 weeks 05/23 - 08/17.					ECN111 Macroeconomic Principles \$175 3					Summer I Day - Session				
4	0242 PC WEBCT			C Becton	Summer I Day - Session					4 1204 PC WEBCT				
Section 0242 meets 13 weeks 05/23 - 08/17.					4 0564 A 111					Section 1204 meets 10 weeks 06/01 - 08/01.				
					MTWR 8:00-9:50A					Staff				
					S Thorpe					Section 1092 meets 8 weeks 05/31 - 07/21.				
					HYBRID									

HIGHLIGHTED section lines denote a course offered in the evening or weekend.

HYBRID and ONLINE CLASSES

Phoenix College offers the following courses using WebCT as the course management system for both online and hybrid courses.

Subj. Code	Course Title	*\$	Credits	Subj. Code	Course Title	*\$	Credits	Subj. Code	Course Title	*\$	Credits
Ftnt.	Sect #	Bldg/Rm	Days	Time	Instructor	Ftnt.	Sect #	Bldg/Rm	Days	Time	Instructor
HCC145 Medical Terminology for Health Care Workers \$180 3											
Summer I Day - Session											
4	1096	PC WEBCT			Staff						
Section 1096 meets 8 weeks 05/31 - 07/21.											
HCC145AA Medical Terminology for Health Care Workers I \$60 1											
Summer I Day - Session											
4	1102	PC WEBCT			Staff						
Section 1102 meets 8 weeks 05/31 - 07/21.											
HCC164 Pharmacology for Allied Health \$33 5											
Summer II Day - Session											
1,4	3816	PC WEBCT			Staff						
Legal Assisting											
LAS204 Business Law for Legal Assistants \$180 3											
Summer I Day - Session											
1,4	1320	PC WEBCT			E Soderman						
Section 1320 meets 8 weeks 06/01 - 07/20.											
LAS212 Insurance and Tort Law \$175 3											
Summer I Day - Session											
1,4	6318	A 110	W	6:00-8:45P	E Soderman						
HYBRID											
Nursing											
NUR187 Pharmacology & Medication Administration II \$90 1.5											
Summer I Day - Session											
1,4	1630	PC WEBCT			M Chavez						
Section 1630 meets 10 weeks 06/01 - 08/01.											
NUR285 Developing the Nurse's Role II \$65 1											
Summer I Day - Session											
1,4	1650	C 206	R	8:00-9:50A	P Dewitt						
HYBRID											
Section 1650 meets 8 weeks 05/26 - 07/14.											
1,4	1648	C 206	R	8:00-9:50A	P Dewitt						
HYBRID											
Section 1648 meets 8 weeks 05/26 - 07/14.											
Psychology											
PSY101 Introduction to Psychology \$185 3											
Summer I Day - Session											
4	1908	PC WEBCT			M Gibney						
PSY210 Educational Psychology \$185 3											
Summer I Day - Session											
1,4	1910	PC WEBCT			Schoenwald-Oberbe						
PSY240 Developmental Psychology \$185 3											
Summer I Day - Session											
1,4	1912	PC WEBCT			M Gibney						
Spanish											
SPA101 Elementary Spanish I \$245 4											
Summer I Day - Session											
4	2006	PC WEBCT			D Escalante						
4	2008	PC WEBCT			Staff						
Summer II Day - Session											
4	4802	PC WEBCT			D Escalante						
SPA102 Elementary Spanish II \$245 4											
Summer I Day - Session											
1,4	2010	PC WEBCT			J Vazquez						
Summer II Day - Session											
1,4	4810	PC WEBCT			J Vazquez						
SPA201 Intermediate Spanish I \$245 4											
Summer II Day - Session											
1,4	4816	PC WEBCT			J Vazquez						
SPA111 Fundamentals of Spanish \$245 4											
Summer I Day - Session											
1,4	2009	PC WEBCT			J Vazquez						

GUANAJUATO SUMMER SCHOOL PROGRAM

1st Summer Session May 31-July 1, 2005



The Maricopa Community College District summer session in Guanajuato, Mexico, offers students the opportunity to earn college credits while participating in a home-stay program in which students live with a Mexican host family.

FEATURES:

- Round trip transportation by air from Phoenix
- Room and board with host family in Guanajuato (4 weeks)
- Tuition for 6-7 college credits
- Classroom facilities at the Instituto Miguel de Cervantes
- Travel and accommodations for excursions to Michoacan and Mexico City
- Student medical insurance (secondary coverage)

ESTIMATED COST:

\$2750

For 6 Credit hours based on in-county, in-state fees. Non refundable deposit of \$750 due upon registration. Cost subject to change as conditions warrant.

SCHEDULE:

Depart Friday, June 3. Return Friday, July 1, 2005

ACCOMMODATIONS:

Students will be assigned a host Mexican family. The home stay is an important aspect of cultural immersion and the experience greatly enhances language skills.

MCCCD COURSES OFFERED:

- ART 295DC** Art Workshop/Seminar: Photography 3 Credits
- ASB 225** Buried Cities and and Lost Tribes: Introducton to Mesoamerican Archeology 3 credits
- SPA 225** Intermediate Spanish Conversation 3 Credits
- HIS 145** History of Mexico 3 Credits
- SPA 201** Intermediate Spanish 1. 4 Credits

If you are interested in participating in this program, please contact

Jaime Herrera at 480-461-7484 or
jaime.herrera@mccmail.maricopa.edu
www.mc.maricopa.edu/dept/d10/mexico



CUSTOM TRAINING & EDUCATION

Your workforce trained your way

An intelligent workforce can effectively cope with change. It can problem-solve with creativity. And it can recognize the value of positive thinking. As companies see the far-reaching benefits employee training has on productivity and profits, they will seek education providers who offer industry-specific and proven programs for workforce development.

At Custom Training and Education (CTE), we not only offer those programs, we tailor them to meet your specific needs. We even provide assessments to help you determine what those needs are. Because of our support from Phoenix College, our training is high quality, cost-effective and results-oriented. Our expert trainers have years of experience in training and education to address the needs of all off site-is based on real-world applications, incorporating the best business principles and practices of today.

Subj. Code	Course Title	*\$	Credits	
Ftnt.	Sect # Bldg/Rm	Days	Time	Instructor

Non Credit Courses

NC 500 **Turning Conflict Into A Constructive Process** \$55

This course will focus on different aspects of conflict including the roots and the two primary reasons it occurs. You will learn how to respond to criticism, better understand behavioral styles and learn to say "NO"!

4	9904 B 101	TR	6:00-9:00P	Staff
<i>Section 9904 meets 1 week 06/07 - 06/09.</i>				

NC 500 **Communicate Like a Pro** \$55

Successful communication is essential for today's workplace. Learn a variety of techniques that will allow you to effectively communicate through written messages, person to person and in meetings.

4	9962 B 106	TR	6:00-9:00P	Staff
<i>Section 9962 meets 1 week 07/12 - 07/14.</i>				

WORKPLACE TRAINING SOLUTIONS INCLUDE:

- Management and Leadership Development
- Communication Skills
- Conflict Management
- Problem Solving
- Customer Service
- Supervisory Skills
- Train the Trainer
- Time and Stress Management
- Cultural Workshops
- Computer Applications



CUSTOM TRAINING & EDUCATION

Where learning goes to work.

For more information please contact Kendra Charts at 602-285-7998 or email kendra.charts@pcmail.maricopa.edu.

HIGHLIGHTED section lines denote a course offered in the evening or weekend.

THE COMMAND SPANISH PROGRAM

Watch your language obstacles disappear.

You don't speak Spanish but you interact with Spanish-speakers at your workplace. Now there's a way to bridge the language barrier. Custom Training and Education (CTE) offers Command Spanish, the country's leading provider of customized Spanish language and cross-cultural programs and products. Participants enjoy a stress-free workshop that eliminates the tedious grammar instruction found in most other language programs-yet offers the practicality of industry-specific communications.

With Command Spanish, the expertise of language and curriculum specialist is combined with the knowledge and experience of real-world practitioners to optimize the learner's progress and offer proven and lasting results. Best of all, it's Spanish you can use right away-right on the job.

Subj. Code	Course Title	*\$	Credits	Subj. Code	Course Title	*\$	Credits	Subj. Code	Course Title	*\$	Credits
Fnt.	Sect #	Bldg/Rm	Days	Time	Instructor	Fnt.	Sect #	Bldg/Rm	Days	Time	Instructor

NC 500 Japanese for International Travel \$129

Planning to travel to Japan? This course will provide you with essential language and cultural skills so that you may better enjoy your travels.

4 9960 PSB 23 MW 9:00-11:00A Staff
Section 9960 meets 4 weeks 07/11 - 08/03.

SPA085AA Speedy Spanish I: Spanish for Teachers \$124 1

This is a comprehensive program designed to provide functional Spanish language skills for school personnel who have occasional contact with Spanish-speaking students and visitors. It also includes extensive training for non-Spanish speaking teachers who have Spanish-speaking students in their classroom.

4 9801 H 109 MW 9:00-11:00A Staff
Section 9801 meets 4 weeks 06/06 - 06/29.

SPA085AA Speedy Spanish I: Community Spanish \$124 1

This course will prepare English-speakers to speak and understand small amounts of general and basic Spanish found in daily life. In addition, this course provides cultural information to inform and educate you about the unique aspects of Latino culture.

4 9803 A 102 MW 2:00-4:00P Staff
Section 9803 meets 4 weeks 06/06 - 06/29.

SPA085AA Speedy Spanish I: Spanish for Jail Facilities \$124 1

This program is designed for non-Spanish speaking correctional officers and jail support staff to provide functional Spanish language skills for monitoring and managing Spanish-speaking prisoners in city and county jails. Emphasis is placed on officer safety, effective prison management, institutional security, and protection from legal ability.

4 9805 H 109 TR 9:00-11:00A Staff
Section 9805 meets 4 weeks 06/07 - 06/30.

SPA085AA Speedy Spanish I: Spanish for Dental \$124 1

This program is designed for non-Spanish speaking dental office and oral surgical personnel in functional Spanish skills. Emphasis is placed on enhancing patient care, facilitating registration and dismissal, reducing the Spanish-speaking patients' fear and anxiety and improving patient involvement in dental procedures.

4 9807 A 102 TR 2:00-4:00P Staff
Section 9807 meets 4 weeks 06/07 - 06/30.

SPA085AA Speedy Spanish I: Spanish for International Travel \$124 1

Planning to travel to a Spanish-speaking country? This is a functional language program that focuses on language and cross-cultural skills so that you may better enjoy your travels.

4 9809 A 200 MW 6:00-8:00P Staff
Section 9809 meets 4 weeks 06/06 - 06/29.

SPA085AA Speedy Spanish I: Spanish for Mission Teams \$124 1

This comprehensive program is for service, volunteer and religious organizations when bringing aid to Spanish-speaking countries. This course will focus on some of the following aid areas: construction, medical, dental and ophthalmologic. You will learn the most important Spanish commands, questions and phrases pertinent to daily interaction.

4 9811 A 203 TR 6:00-8:00P Staff
Section 9811 meets 4 weeks 06/07 - 06/30.

SPA085AA Speedy Spanish I: Spanish for Physician's Office \$124 1

This program is designed to train non-Spanish speaking physicians' office staff in functional Spanish language skills to communicate with Spanish-speaking patients. Training includes patient registration, payment issues, taking patients' history, diagnosis, laboratory procedures, treatments and follow up procedures.

4 9860 B 101 TR 5:00-7:00P Staff
Section 9860 meets 4 weeks 07/05 - 07/28.

SPA085AA Speedy Spanish I: Spanish for Customer Service \$124 1

This course will provide non-Spanish speaking medical, school and office secretaries and receptionists with specific language skills so you will be able to assist Spanish-speaking customers and clients more effectively.

4 9862 A 200 MW 7:00-9:00P Staff
Section 9862 meets 4 weeks 07/11 - 08/03.

NC 500 Meeting Needs of Hispanic Students \$129

Wanting to minimize or eliminate barriers to understand and communicate in the classroom? This course will give you a better understanding of Spanish-speaking and Hispanic students and parents in order to promote an improved educational experience for all involved.

4 9967 PSB 26 TR 10:00-12:00P Staff
Section 9967 meets 4 weeks 07/05 - 07/28.



No prior knowledge of Spanish is required.

For more information please contact Kendra Charts at 602-285-7998 or email kendra.charts@pcmail.maricopa.edu.

HIGHLIGHTED section lines denote a course offered in the evening or weekend.

Fall Course Offerings

A+/Computer Maintenance (BPC)	61,66	Evidence Technology (AJS)	50-52	Music: Performance Class Piano (MUP)	107
Accounting (ACC)	50	Family Resources (CFS)	62-63	Music: Performance Class Voice (MUP)	107
Administration of Justice (AJS)	50-52	Fashion Design (TEC)	119-120	Music: Private Instruction (MUP)	107
Adolescent Studies (CFS)	62-63	Fire Science (FSC)	80-81	Multimedia Technology (ART/MMT)	56-57
Advanced Cardiac Life Support (EMT)	73-74	Fitness Center (PED)	87-90	Navajo (NAV)	107
African American Studies (AFR)	52	Food & Nutrition (FON)	81-83	Nursing (NUR)	108-109
Aging (GRN)	85	Food Service Administration (FON)	81-83	Nursing Assisting (NUR)	108
American Indian Studies (AIS)	52	French (FRE)	83	Nursing Continuing Education (NCE)	108
American Sign Language (SLG, IPP)	53-54	Film Studies (HUM, THE)	80	Nutrition (FON)	81-83
Anthropology (ASB/ASM)	55				
Arabic (ARB)	54	General Business (GBS)	83-84	Office Automation Systems (OAS)	110-111
Architecture (DFT)	70-71	General Technology (GTC)	85		
Art (ART)	55-58	Geography/Physical (GPH)	85	Paralegal (LAS)	98-99
Art Humanities (ARH)	55	Geology (GLG)	85	Patient Care Technician (HCE)	111
Astronomy (AST)	58	Gerontology (GRN)	85	Philosophy (PHI)	111-112
		Greek (GRK)	85	Phlebotomy (HCE)	112
Biology (BIO)	58-60			Photography (ART)	57-58
Building Inspection (BLT)	60	Health (HES)	90	Physical Education (PED)	87-90
Business/Personal		Health Core Curriculum (HCC)	86-87	Physics (PHY)	112
Computers (BPC/OAS)	60-61, 110	Health Care Related (HCR)	86	Political Science (POS)	113
Business Technology for the Office (BTO)	61	Health Information Technology (HIT)	90-91	Professional Food & Beverage	
		Hebrew (HEB)	91	Services (FON)	81-83
Career Work Experience (CWE)	54,68	Histology Technician Program (HCE)	92	Psychology (PSY)	113-114
Chemistry (CHM)	61-62	History (HIS)	92-93		
Chicana & Chicano Studies (CCS)	62	Honors Program	93-95	Reading (RDG)	114-115
Child Care Administration (CFS)	62-63	Humanities (HUM)	80,95	Real Estate (REA)	115-116
Chinese (CHI)	64	Home Inspection Program (HIP)	93	Recreation (REC)	90
Civil Engineering Technology (CET)	64			Religious Studies (REL)	116
Classical Studies Program	64	Interior Design (INT)	96-97	Rich Dad's Cashflow (EPS)	84
Clothing (TEC)	119-120	International Business	84,96		
Commercial Food Preparation (FON)	81-83	Interpreting-American Sign		Senior Wellness (PED)	90
Communication (COM)	65	Language (SLG, IPP)	53-54	Sign Language (SLG)	53-54
Computer Aided Drafting (DFT)	70-71	Italian (ITA)	97	Social Work (SWU)	116
Computer Graphic Art (ART)	56			Society and Business (SBU)	84,116
Computer Information Systems (CIS)	66-67	Japanese (JPN)	97	Sociology (SOC)	117
Computer Maintenance (BPC)	61,66			Spanish (SPA)	117-118
Computer Programming Languages (CIS)	66-67	Laboratory Assisting	97-98	Spanish Humanities (SPH)	119
Construction Technology/Building Safety (BLT)	60	Latin (LAT)	98	Speech (COM)	65
Corrections (AJS)	50-52	Legal Assisting (LAS)	98-99		
Counseling (BHS/CPD)	67-68	Legal Secretarial	100	Textiles & Clothing (TEC)	119-120
Creative Writing (CRW)	74-75	Library Sciences (LBS)	100	Theatre (THE)	80,120
Critical Reading (CRE)	115			Theatre Performance/Production (THP)	120
Culinary Studies (FON)	81-83	Management (MGT)	100	Therapeutic Massage (WED)	120-121
		Marketing (MKT)	101		
Dance (DAH/DAN/PED)	89	Mathematics (MAT)	101-104	Web Design (ART)	56-57
Dental Assisting (DAE)	69	Media Arts (ART)	56-57	Weight Training	88-89
Dental Hygiene (DHE)	69-70	Medical Assisting (HCE)	104	Welding (WLD)	121
Drafting (DFT)	70-71	Medical Billing (HIT)	90-91	Wellness (WED)	90
Drama (THE/THP)	120	Medical Coding (HIT)	90-91	Women's Studies (WST)	121
		Medical Transcription (OAS)	110-111		
Early Childhood Education (ECH)	63	Military Science (AES/MIS)	105		
Economics (ECN)	71	Music: Appreciation/History/ Literature(MHL)	105		
Education (EDU)	71-72	Music: Electronic/Studio Music (MTC)	105		
Elder Care (GRN)	85	Music: Literacy/Theory/ Composition (MTC)	106		
Emergency Medical Technology (EMT)	72-74	Music: Merchandising (MUC)	106		
Engineering (ECE)	80	Music: Performance (MUP)	106		
English (ENG)	75-76	Music: Performance Class Guitar (MUP)	107		
English as a Second Language (ESL/RDG)	77-79				
English Humanities (ENH)	79-80				

SPECIAL LISTINGS

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Fall 2005 Class Schedule

How to Read the Fall Class Schedule

Schedule of Classes Key

Footnotes (FTNT)

- 1 = Prerequisite Required
- 2 = Pass/No Credit
- 3 = Permission of Instructor
- 4 = Additional Fee Required
- 6 = Honors Program Only
- 7 = Lab Section Required
- 8 = Concurrent Registration Required

Days

- M = Monday
- T = Tuesday
- W = Wednesday
- R = Thursday
- F = Friday
- S = Saturday
- U = Sunday

\$ = Add \$5 registration fee/student/semester

Notes:

- Students must attend first class meeting to ensure class position.
- Registration in class with overlapping times is not permitted.
- Each credit student will be assessed a one-time per semester \$5 registration fee.
- HYBRID classes meet in the classroom and online.
- HYBRID courses have a \$10 per course user fee
- WEBCT courses have a \$5 per credit hour user fee.

Subj. Code Course Title *\$ Credits
Fnt. Sect # Bldg/Rm Days Time Instructor

Subject Heading ————— **Legal Assisting**

Department Chair/Program Director — Department Chair: Ms. E. Durr
Program Director: Mr. S. Hauert

Special Note ————— Note: All students registering for LAS classes must have a Legal Assisting Advisor's signature on the course request form excepting only LAS101.

Subject Code & Course Number ————— **LAS109 Legal Procedures I** **\$100 3** — **Credit Hours**

Course Note ————— Pretrial issues in the areas of civil and criminal procedure in both Arizona and federal systems. Emphasis on the drafting of pleadings and the application of procedural rules pertinent to the early stages of litigation. Prerequisites or Corequisites: LAS101 or permission of department chairperson or program director/coordinator.

Section Code —————

Building and Room —————

Online course —————

Section Note (refers only to section on line above unless otherwise stated) —————

Footnote —————

Special Dates —————

1 4	2646	B 103	MWF	11:00-11:50A	G Gray	Staff
1 4	2648	PC WEBCT				
1 4	7116	PSB 24	TR	7:05-9:45P	W White	
1 4	7120	MesaS1	MW	7:10-8:25P	B Black	
1 4	7122	H 205	SU	TBA	G Green	

Section 7120 meets at Mesa Community College.

Section 7122 meets 3 Weeks 06/05-06/20

Please Note: The above is an example only not actual course information.

Refer to the example below when filling out your Advisement/Registration Form

Please Note: The following course information is an example only.

LAS109 Legal Procedures I **\$100 3**

Pretrial issues in the areas of civil and criminal procedure in both Arizona and federal systems. Emphasis on the drafting of pleadings and the application of procedural rules pertinent to the early stages of litigation. Prerequisites or Corequisites: LAS101 or permission of department chairperson or program director/coordinator.

1 4 7120 MesaS1 MW 7:10-8:25P B Black

Section 7120 meets at Mesa Community College.

	SUBJECT CODE	SECTION CODE	DAYS	BEGIN TIME	END	CREDIT HOURS
1.	LAS109	7120	MW	7:10 pm	8:25 pm	3
2.						

fall course listings

Subj. Code	Course Title	*\$	Credits
Ftnt.	Sec# Bldg/Rm		Instructor

The following schedule of classes is subject to change without notice: In addition to the fees listed, each credit student will be assessed a one-time per semester \$5 registration fee.

Accounting

Department Chair: Mrs. C. Cloud
Program Director: Mrs. B. Jenkins

Students pursuing a Business Department certificate or degree program and all Business transfer students are strongly encouraged to seek advisement from a Business Department faculty member. Stop by B330 or call 602-285-7387.

ACC111 Accounting Principles I \$170 3

Fundamental theory of accounting principles and procedures. Prerequisites: None.

4	0021	B 306	MWF	8:00-8:50A	M Fisher
4	0023	B 317	MWF	9:00-9:50A	B Jenkins
4	0025	B 321	MWF	10:00-10:50A	D Stark
4	0027	B 321	MWF	11:00-11:50A	M Fisher
4	0029	B 306	TR	8:30-9:45A	B Jenkins
4	0031	B 321	TR	10:00-11:15A	Staff
4	0033	B 328	TR	11:30-12:50P	G Korkames
<i>Section 0033 meets 14 weeks 09/06 - 12/15.</i>					
4	5021	B 327	MW	5:40-6:55P	Staff
4	5023	B 321	TR	4:15-5:30P	Staff
4	5025	B 317	TR	5:40-6:55P	Staff
4	5027	B 321	M	7:10-9:50P	Staff
4	5029	B 327	R	7:10-9:50P	Staff
4	5031	B 317	S	8:00-10:50A	Staff
<i>Section 5031 meets 14 weeks 09/10 - 12/10.</i>					

The ACC115 class also requires one additional hour per week regular lab with the time to be arranged.

ACC115 Computerized Accounting \$120 2

Mastery of a microcomputer accounting system including the general ledger, accounts receivable, accounts payable and payroll. Prerequisites: ACC107, or higher level accounting course, or permission of instructor.

4	5033	B 206	R	5:00-7:00P	B Jenkins
<i>Section 5033 meets 15 weeks 09/08-12/15.</i>					

ACC121 Income Tax Preparation \$120 2

Preparation of and practical experience in preparing returns. Prerequisites: None.

ACC121 is offered once each year during the fall semester only.

4	5035	B 323	T	5:40-7:00P	Staff
		B 302	R	5:40-7:00P	
<i>Section 5035 meets 14 weeks 09/13 - 12/16.</i>					

ACC219 Intermediate Accounting I \$170 3

Theory and practice applicable to determination of asset values, liabilities, and related problems of income determination. Prerequisites: ACC212 or ACC240 with a grade of "C" or better, or permission of Department/Division.

ACC219 is offered once each year during the fall semester only.

1,4	5037	B 328	W	7:10-9:50P	Staff
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ACC221 Tax Accounting \$170 3

Preparation of and accounting procedures for individuals; introduction to partnerships and corporate tax structures. Prerequisites: ACC111 or ACC211 or permission of Department/Division.

ACC221 is offered once each year during the fall semester only.

1,4	5039	B 306	T	7:10-9:50P	Staff
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ACC230 Uses of Accounting Information I \$170 3

Introduction to the uses of accounting information for internal and external purposes with emphasis on financial statement analysis. Prerequisites: Grade of "C" or better in ACC111 or ACC211, or a grade of "C" or better in (ENG101 and MAT151 and CRE101), or equivalent, or satisfactory score on District placement exam.

1,4	0037	B 317	MWF	8:00-8:50A	D Stark
1,4	0039	B 317	MWF	11:00-11:50A	B Jenkins
1,4	0041	B 308	TR	10:00-11:15A	M Fisher
1,4	5041	B 302	MW	5:40-6:55P	Staff
1,4	5043	B 308	TR	5:40-6:55P	Staff
1,4	5045	B 302	M	7:00-9:50P	Staff

ACC240 Uses of Accounting Information II \$170 3

Introduction to the uses of accounting information for internal and external purposes with emphasis on analysis for use by management. Prerequisites: ACC230.

1,4	0043	B 328	MWF	10:00-10:50A	M Fisher
1,4	0045	B 327	TR	8:30-9:45A	M Fisher
1,4	5047	B 328	M	7:10-9:50P	Staff
1,4	5049	B 327	W	7:10-9:50P	Staff

(Students must see Diane Stark prior to enrolling in any of the Accounting Internships and Special Projects courses.)

ACC270AA Accounting Internship \$60 1

Accounting work experience in a business or industry. Eighty hours of designated work per credit per semester. Maximum of 3 credits allowed. Prerequisites: Departmental approval.

1,3,4	0047	TBA	OE/OE	OE/OE	D Stark
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ACC270AB Accounting Internship \$115 2

Accounting work experience in a business or industry. Eighty hours of designated work per credit totaling 160 hours per semester. Maximum of 3 credits allowed. Prerequisites: Departmental approval.

1,3,4	0049	TBA	OE/OE	OE/OE	D Stark
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ACC270AC Accounting Internship \$170 3

Accounting work experience in a business or industry. Eighty hours of designated work per credit totaling 240 hours per semester. Maximum of 3 credits allowed. Prerequisites: Departmental approval.

1,3,4	0051	TBA	OE/OE	OE/OE	D Stark
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Administration of Justice

Department Chair: Dr. C. Viera
Program Director: Mr. R. Wilson
Evening Coordinator: Mr. R. Wilson

Students seeking advisement should contact Doris Sleeper or Tresa Miller, at the Academic Advisement and Transfer Office 602-285-7110 located in the Learning Center (LC) Building across from Hannelly Center.

Information may be obtained from the Cultural and Applied Social Sciences Department, E113, 602-285-7205.

AJS101 Introduction to Criminal Justice \$165 3

An examination of the organization and jurisdiction of local, state and federal law enforcement, judicial and corrections systems; their history and philosophy; career opportunities and qualifying requirements, terminology and constitutional limitations of the system. Required in AJS curriculum. Prerequisites: None.

0150	E 112	MWF	8:00-8:50A	M Tovar
0151	E 112	MWF	9:00-9:50A	W Williams
0153	E 109	MWF	10:00-10:50A	R Wilson
0157	E 109	TR	10:00-11:15A	M Tovar
5131	E 106	MW	5:40-6:55P	Staff
5133	E 109	T	7:10-9:50P	R Wilson
5135	E 215	R	7:10-9:50P	J Lucero

AJS109 Substantive Criminal Law \$165 3

Covers philosophy of legal sanctions and historical development from the common law to modern American criminal law, classifications of crimes, elements of and parties to crimes, general definition of crimes, common defenses utilized. Includes specific offenses and the essential elements of each offense. Required in AJS curriculum. Prerequisites: None.

0159	E 109	MWF	8:00-8:50AA	Butterfield
0161	C 202	TR	10:00-11:15A	Staff
5137	E 112	TR	5:40-6:55P	Staff
5139	E 215	W	7:10-9:50P	J Macintyre

AJS123 Ethics and the Administration of Justice \$165 3

Introduces and explores ethical issues and the justice system. Focuses on ethics and the law, the police, courts and corrections. Reviews ethical theory, concepts and practices as they relate to administration of justice. Encourages critical thinking and value decision making in criminal justice system situations. Prerequisites: None.

0165	C 202	MWF	8:00-8:50A	Staff
0167	E 109	TR	8:30-9:45A	Staff
5141	E 112	MW	5:40-6:55P	G Millard

Subj. Code	Course Title		*\$	Credits	
Ftnt.	Sect #	Bldg/Rm	Days	Time	Instructor

AJS200 Current Issues in Criminal Justice \$165 3

Examines current issues, techniques and trends in the Criminal Justice System. Prerequisites: None.

0171	E 109	MWF	9:00-9:50A	M Tovar
5145	C 116	T	7:10-9:50P	Staff

AJS201 Rules of Evidence \$165 3

A practical insight into the rules of evidence to include how to recognize evidence; the general rules governing admissibility of evidence; the "hearsay" rule and its exceptions; the use of documentary evidence, written memoranda, photographs, and recordings; corpus delicti; opinion evidence, circumstantial evidence, evidential privileges. Required in AJS curriculum. Prerequisites: None.

0173	C 202	MWF	9:00-9:50AA	Butterfield
0175	C 201	TR	8:30-9:45A	Staff
5147	C 202	TR	5:40-6:55PP	McMurdie

AJS210 Constitutional Law \$165 3

An examination of the U.S. Constitution as it relates to the law enforcement function. Includes statutory law and judicial decisions governing the areas of arrest, search and seizure, interrogations and confessions, self-incrimination and other constitutional guarantees. Required in AJS curriculum. Prerequisites: None.

0179	C 202	TR	11:30-12:45P	Staff
5149	E 109	MW	5:40-6:55P	J Macintyre
5151	E 106	M	7:10-9:50P	S Johnston

AJS212 Juvenile Justice Procedures \$165 3

Examines the history and development of juvenile justice theories, procedures, and institutions. Prerequisites: None.

0181	E 109	MWF	11:00-11:50A	M Tovar
5153	E 106	R	7:10-9:50P	R Wilson

AJS213 carries a \$20.00 course fee.

AJS213 Evidence Technology/ Fingerprints \$185 3

Fingerprint identification, interpretation, and classification. The fundamentals of fingerprinting and the problems in developing latent prints, preservation of evidence and the chain of evidence. Prerequisites: None.

AJS213 (3 credits) is equivalent to the AJS213 fingerprint module series and meets the requirements for the AAS and CCL's in evidence technology and fingerprinting.

4	0183	E 112	M	1:20-4:05P	R Miller
4	0185	E 112	T	2:45-5:30P	Staff
4	5155	E 112	W	7:10-9:50P	R Stegen
4	5157	E 112	R	7:10-9:50P	R Stegen

AJS215 carries a \$20.00 course fee.

AJS215 Criminalistics: Physical Evidence \$185 3

The scientific analysis and examination of physical evidence with emphasis on scientific investigation, recognition, collection, and preservation of evidence. Topics include fingerprints, shoe prints, tool marks, firearms identification, paint chips and arson. Prerequisites: None.

4	0187	E 109	R	3:55-6:35P	B Little
4	5159	E 112	M	7:10-9:50P	Staff
4	5161	E 112	T	7:10-9:50P	B Little

AJS216 carries a \$20.00 course fee.

AJS216 Criminalistics: Biological Evidence \$185 3

The scientific analysis and examination of biological evidence with emphasis on collection and preservation of evidence. Topics discussed include blood, drugs, blood alcohol, hairs and fibers, and topics of special interest in criminalistics. Prerequisites: None.

4	0189	E 109	T	3:55-6:35P	B Little
4	5165	C 205	W	7:10-9:50P	Staff
4	5166	E 109	R	7:10-9:50P	Staff

AJS225 Criminology \$165 3

Study of deviance, society's role in defining behavior; theories of criminality and the economic, social, and psychological impact of crime; relationships between statistics and crime trends. Examines crime victimization and the various types of crime and categories of offenders. Required in the AJS curriculum. Prerequisites: None.

0191	C 202	TR	8:30-9:45A	G Millard
5167	C 202	R	7:10-9:50P	R Stringer

AJS230 The Police Function \$165 3

Theories of procedures and methods of operations of public police with emphasis on discretionary powers available to the working police officer. Career opportunities and current trends in law enforcement presented. Prerequisites: None.

0194	E 112	TR	8:30-9:45A	M Tovar
5171	C 201	W	7:10-9:50P	R Seebert

AJS240 The Correction Function \$165 3

Examines the history and development of correctional theories and institutions. Prerequisites: None.

0195	E 112	MWF	11:00-11:50A	R Wilson
0197	E 112	TR	11:30-12:45P	W Williams
5173	E 109	M	7:10-9:50P	W Williams

AJS241 carries a \$20.00 course fee.

Students will be responsible for getting their film developed off campus throughout the semester.

AJS241 Police Photography \$185 3

Emphasis on proper procedure for photographing crime scenes, accident scenes, and laboratory specimens. Discussion of photographic techniques, equipment, lighting techniques, aerial photography, video and motion pictures, macro and micro photography, filters, and preparation for court presentation using selected simulations. Prerequisites: None.

AJS241 (3 credits) is equivalent to the AJS241 photography module series and is also equivalent to AJS214 and meets the requirements for the AAS and CCL's in evidence technology and police photography.

4	0199	E 106	M	2:45-5:30P	B Little
4	5177	E 106	T	7:10-9:50P	Staff
4	5178	E 106	W	7:10-9:50P	B Little

AJS260 Procedural Criminal Law \$165 3

Concerned with the understanding of procedural criminal law. Examines the rationale underlying major court holdings, the procedural requirements that stem from these holdings, and their effect on the daily operations of the criminal justice system. Prerequisites: None.

0201	C 202	MWF	11:00-11:50A	Staff
5179	C 201	T	7:10-9:50P	Staff

AJS270 Community Relations \$165 3

Examination, recognition and understanding of community problems; community action programs; methods of coping with human behavior, victimology, conflict and communication; ethnic and minority cultures and environments; the community and relationships with the criminal justice system. Prerequisites: None.

0205	E 112	MWF	10:00-10:50A	W Williams
0207	E 112	TR	10:00-11:15A	W Williams
5183	C 201	MW	5:40-6:55P	R Seebert

AJS275 Criminal Investigation I \$165 3

Introduction to the theory of criminal investigation. Examines crime scene procedures, case preparation, interviewing, and basic investigative techniques. Prerequisites: None.

0211	C 201	MWF	8:00-8:50A	Staff
0213	C 201	TR	11:30-12:45P	E Medina
5185	C 202	M	7:10-9:50P	L Williams
5187	C 201	TR	5:40-6:55P	B McClelland

Subj. Code	Course Title	*\$	Credits
Ftnt.	Sect # Bldg/Rm	Days	Time
			Instructor

Subj. Code	Course Title	*\$	Credits
Ftnt.	Sect # Bldg/Rm	Days	Time
			Instructor

Subj. Code	Course Title	*\$	Credits
Ftnt.	Sect # Bldg/Rm	Days	Time
			Instructor

Mini-Courses

The following one-credit courses carry a \$10.00 course fee and must be attended both days. If, for any reason, it is necessary to withdraw from a seminar, please contact the Admissions office. Failure to do so before the class begins will result in "no credit" and "no refund."

AJS150 Defensive Tactics \$55 1

Skills in the protection against persons armed with dangerous and deadly weapons, demonstration and drill in a limited number of holds and come-alongs, and restraint of prisoners and the mentally ill. May be repeated twice for credit. Prerequisites: None.

2,4	0169	E 112	F	3:00-7:00P	M Gilbride
		E 112	S	8:00-5:30P	

Section 0169 meets 1 weekend 09/09 & 09/10.

2,4	0170	E 112	F	3:00-7:00P	M Gilbride
		E 112	S	8:00-5:30P	

Section 0170 meets 1 weekend 11/04 & 11/05.

AJS271 Special Populations I \$65 1

Recognition of non-psychotic and psychotic behaviors including personality disorders, substance abuse, and suicidal ideas. Recommended ways of dealing with these people and identification of appropriate community agencies that can provide assistance. Prerequisites: None.

2,4	0209	C 102	F	3:00-7:00P	F Midgley
		C 102	S	8:00-5:30P	

Section 0209 meets 1 weekend 09/02 & 09/03.

AJS289AJ Street Gangs I \$65 1

Introduction to street gang identification, history, culture, and current trends, specifically in the western United States. Prerequisites: Certified officer or permission of instructor.

2,4	0215	C 102	F	3:00-7:00P	J Mallaburn
		C 102	S	8:00-5:30P	

Section 0215 meets 1 weekend 09/16 & 09/17.

AJS290AU Child Abuse Investigation \$65 1

Definition and investigation of the causes and effects of child abuse. Prerequisites: None.

2,4	0217	C 102	F	3:00-7:00P	F Dimodica
		C 102	S	8:00-5:30P	

Section 0217 meets 1 weekend 10/21 & 10/22.

AJS290BL White Collar Crimes \$65 1

Business-related criminal activities, including computer fraud, pyramid schemes and false and misleading advertising and security schemes. Prerequisites: None.

2,4	0218	C 102	F	3:00-7:00P	Staff
		C 102	S	8:00-5:30P	

Section 0218 meets 1 weekend 10/07 & 10/08.

AJS290BN Courtroom Testimony Seminar \$65 1

Courtroom demeanor and protocol. Role and primary functions of witness and legal counsels. Prerequisites: None.

2,4	0219	C 102	F	3:00-7:00P	K Maricle
		C 102	S	8:00-5:30P	

Section 0219 meets 1 weekend 10/14 & 10/15.

AJS290BO Alcohol Abuse Seminar \$65 1

Psychological and physiological effects of alcohol and symptoms of alcohol abuse. Emphasis on the detection and treatment of the alcoholic. Prerequisites: None.

2,4	0221	C 102	F	3:00-7:00P	F Midgley
		C 102	S	8:00-5:30P	

Section 0221 meets 1 weekend 10/28 & 10/29.

AJS290BU Family Violence \$65 1

Family violence issues as they relate to the criminal justice response. Prerequisites: None.

2,4	0223	C 102	F	3:00-7:00P	L Tovar
		C 102	S	8:00-5:30P	

Section 0223 meets 1 weekend 11/04 & 11/05.

AJS290BV Victim Assistance \$65 1

An overview of victim issues emphasizing strategies used to reduce the trauma associated with crime. Includes description of counseling methods, referral procedures, intervention techniques, and community resources. Prerequisites: None.

2,4	0225	C 102	F	3:00-7:00P	S Conchos
		C 102	S	8:00-5:30P	

Section 0225 meets 1 weekend 11/18 & 11/19.

African American Studies

Department Chair: Dr. C. Viera
Evening Coordinator: Dr. C. Viera

Information may be obtained from the Cultural and Applied Social Sciences Department, E113, 602-285-7241.

AFR110 Introduction to African-American Studies \$165 3

Introduction to the study of the African-American experience. Interdisciplinary approach includes historical underpinnings; population and cultural characteristics; social, economic, and political issues; and implications for the future. Prerequisites: None.

0111	E 105	MWF	8:00-8:50A	Staff
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AFR203 African-American History: The Slavery Experience \$165 3

History and cultural heritage of African-Americans, including arrival in the Americas, chattel slavery experience, emancipation, and participation in the American Civil War. Presented from an Afro-centric perspective. Prerequisites: AFR110, or permission of instructor.

0113	E 116	MWF	9:00-9:50A	Staff
5103	C 204	R	7:10-9:50P	Staff

American Indian Studies

Department Chair: Dr. A. Celozza
Evening Coordinator: Dr. M. Wilson

AIS101 Survey of American Indian Issues \$165 3

Introduction to critical issues related to Native Americans. Examines political, economic, and social issues. Focuses on contemporary issues and factors influencing American Indian communities. Prerequisites: None.

0131	A 105	TR	8:30-9:45A	R Walker
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AIS160 American Indian Law \$165 3

Analyzes the legal system of the United States Government as it applies to American Indian Nations. Examines how United States legal institutions have impacted Indian sovereignty. Units of analysis include the development of Indian law, United States Supreme Court decisions, Congressional Acts, treaty rights and the development of tribal governments. Focuses on legal institutions that have abridged the property rights of Indian Nations. Prerequisites: None.

0133	A 105	MWF	9:00-9:50A	R Walker
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AIS170 is also offered as HIS170 (American Indian History of the Southwest), see page 92.

AIS170 American Indian History of the Southwest \$165 3

Covers history of Indian peoples in the southwestern United States from pre-Columbian era to the present. Includes historical events, the development and implementation of Spanish-Mexican and United States' policies and their impact on Indian peoples in these areas, and current issues of importance to Indian peoples. Prerequisites: None.

0135	TBA	TR	10:00-11:15A	R Walker
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AIS213 is also offered as REL203 (American Indian Religions), see page 116.

AIS213 American Indian Religions \$165 3

Tribal traditions of the peoples native to North America, and pan-Indian religions in the twentieth century. Prerequisites: ENG101 or ENG107 or equivalent.

0137	C 204	MWF	10:00-10:50A	R Walker
0139	A 110	TR	11:30-12:45P	R Walker

Subj. Code	Course Title		*\$	Credits	
Fnt.	Sect #	Bldg/Rm	Days	Time	Instructor

American Sign Language/ Interpreting

Department Chair: Ms. E. O'Brien
 Program Director: Mr. T. Riggs
 Advisor: Ms. D. Sleeper, Ms. T. Miller, Ms. J. Salisbury

American Sign Language Courses

SLG101 American Sign Language I \$220 4

Introduction of principles, methods, and techniques for communicating with deaf people who sign. Development of expressive and receptive sign skills, manual alphabet, numbers, and sign vocabulary. Overview of syntax, grammar, and culture related to American Sign Language (A.S.L.). Prerequisites: None.

8	4663	H 113	MWF	9:00-11:15A	S Johns
	<i>Section 4663 meets 8 weeks 08/22 - 10/14.</i>				
	4664	H 119	MWF	11:45-2:00P	Staff
	<i>Section 4664 meets 8 weeks 10/17 - 12/16.</i>				
	4665	H 113	TR	9:00-10:45A	S Johns
	4667	H 113	TR	11:00-12:45P	S Johns
	8313	H 118	MW	5:15-6:55P	D Stone
	8315	H 118	MW	7:10-8:50P	D Stone

INTENSIVE SIGN LANGUAGE SLG101/SLG102

SLG101, section 4663 and SLG102, section 4671 are tailored for those students who want to earn eight credits of foreign language in one semester.

See descriptions on this page for prerequisites.

SLG101 American Sign Language I \$220 4

8	4663	H 113	MWF	9:00-11:15A	S Johns
	<i>Section 4663 meets 8 weeks 08/22 - 10/14.</i>				

SLG102 American Sign Language II \$220 4

1,8	4671	H 113	MWF	9:00-11:15A	S Johns
	<i>Section 4671 meets 8 weeks 10/17 - 12/16.</i>				

SLG102 American Sign Language II \$220 4

Continued development of knowledge and language skills for communicating with deaf people who sign. Includes numbers, fingerspelling, and culture. Emphasis on enhancement of receptive sign skills and continued development of expressive sign skills. Application of rudimentary, syntactical, and grammatical structure stressed with continued development of sign vocabulary. Prerequisites: SLG101, with a grade of "C" or better, or permission of department/division.

1,8	4671	H 113	MWF	9:00-11:15A	S Johns
	<i>Section 4671 meets 8 weeks 10/17 - 12/16.</i>				
1	4673	H 119	TR	8:30-10:15A	Staff
1	8319	H 118	TR	5:15-6:55P	Staff

SLG201 American Sign Language III \$220 4

Linguistics of American Sign Language (A.S.L.) including non-manual behaviors and signing English idioms with conceptual accuracy. Emphasis on practical application of A.S.L. skills, expanded vocabulary, and cross-cultural communication. Prerequisites: SLG102 with a grade of "C" or better, or permission of department/division. Suggested but not required: (ENG101 or ENG107) and, (CRE101 or CRE111 or exemption by score on the reading placement test (ASSET)).

1	4691	H 118	MW	9:00-11:00A	Staff
	<i>Section 4691 meets 14 weeks 09/07 - 12/16.</i>				
1	4693	H 119	MWF	9:00-11:15A	Staff
	<i>Section 4693 meets 8 weeks 08/22 - 10/14.</i>				
1	8335	H 113	MW	5:15-6:55P	D Bailey

INTENSIVE SIGN LANGUAGE SLG201/SLG202

SLG201, section 4691 and SLG202, section 4695 are tailored for those students who want to earn eight credits of foreign language in one semester. Students must register for both sections.

It is highly recommended that students taking 201/202 sections 4691 and 4695 also register for Fingerspelling I & II sections 4681 and 4683.

See descriptions on this page for prerequisites.

SLG201 American Sign Language III \$220 4

1	4691	H 118	MW	9:00-11:00A	Staff
	<i>Section 4691 meets 14 weeks 09/07 - 12/16.</i>				

SLG202 American Sign Language IV \$220 4

1	4695	H 119	MWF	9:00-11:15A	Staff
	<i>Section 4695 meets 8 weeks 10/17 - 12/16.</i>				

SLG202 American Sign Language IV \$220 4

Advanced American Sign Language skills including continued vocabulary. Emphasis on conversational techniques in a cross-cultural framework. Continued work on conceptual accurate signing of English idioms and words with multiple meanings. Prerequisites: SLG103 and SLG201 with a grade of "C" or better, or permission of department/division. Suggested but not required: ENG101, SLG200, and CRE101 or CRE111 or exemption by score on the reading placement test (ASSET).

1	4695	H 119	MWF	9:00-11:15A	Staff
	<i>Section 4695 meets 8 weeks 10/17 - 12/16.</i>				
1	4697	H 118	TR	9:00-10:45A	Staff
1	8337	H 113	TR	5:15-6:55P	Staff

SLG203 American Sign Language V \$220 4

Advanced study of vocabulary, classifiers, use of space, and grammatical features of American Sign Language (ASL). Includes evaluation of changes that occur in ASL as a living language. Advanced use of ASL in demonstrations, reports, and presentations. Prerequisites: SLG202, with a grade of "C" or better.

1	4699	H 113	MW	2:50-4:30P	Staff
1	8339	H 119	MW	5:15-6:55P	Staff

Fingerspelling Courses

SLG110 Fingerspelling I \$110 2

Introduction to basic fingerspelling techniques. Concentration on receptive and expressive skills including manual alphabet production and numbers. Focus on methods, theory, and applications. Prerequisites: SLG101, or permission of department/division.

1	4679	H 118	MW	11:30-1:10P	Staff
	<i>Section 4679 meets 8 weeks 10/17 - 12/16.</i>				
1	4681	H 118	TR	10:55-12:35P	Staff
	<i>Section 4681 meets 8 weeks 08/23 - 10/13.</i>				
1	8325	H 119	T	5:15-6:55P	J Stone
1	8327	H 119	T	7:10-8:50P	J Stone

INTENSIVE SIGN LANGUAGE SLG110/SLG120

SLG110, section 4681 and SLG120, section 4683 are tailored for those students enrolled in the intensive SLG201/202 section 4691 and 4695 and are open to others. According to need, however, you may register for only one or both fingerspelling courses.

See descriptions on this page for prerequisites.

SLG110 Fingerspelling I \$110 2

1	4681	H 118	TR	10:55-12:35P	Staff
	<i>Section 4681 meets 8 weeks 08/23 - 10/13.</i>				

SLG120 Fingerspelling II \$110 2

1	4683	H 118	TR	10:55-12:35P	Staff
	<i>Section 4683 meets 8 weeks 10/18 - 12/15.</i>				

SLG120 Fingerspelling II \$110 2

Continued skill development including speed, dexterity, clarity, and loan signs. Advanced use of numbers, prefixes, suffixes, and polysyllabic words. Prerequisites: SLG102 and SLG110 with a grade of "C" or better, or permission of department/division.

1	4683	H 118	TR	10:55-12:35P	Staff
	<i>Section 4683 meets 8 weeks 10/18 - 12/15.</i>				
1	8331	H 113	T	7:10-8:50P	Staff

Subj. Code	Course Title	*\$	Credits
Fnt.	Sect # Bldg/Rm	Days	Time
			Instructor

Subj. Code	Course Title	*\$	Credits
Fnt.	Sect # Bldg/Rm	Days	Time
			Instructor

Subj. Code	Course Title	*\$	Credits
Fnt.	Sect # Bldg/Rm	Days	Time
			Instructor

Related Courses**NC 500 ASL Lab \$20**

American Sign Language (ASL) Lab. Anyone can enroll and have access to Phoenix College's state-of-the-art ASL Lab facility for only \$20.00 a semester. No matter if you are a Phoenix College student learning ASL or an interpreter preparing for your National exams, or somewhere in between...EVERYONE IS WELCOME to register. Videotapes, video cameras, and CD's are available for personal practice. A Deaf lab technician is available for feedback and informal tutoring as time permits. Open lab hours to be announced.

4	9001 H 240	TBA	TBA	Staff
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SLG103 Introduction to Deafness \$55 1

History and development of American Sign Language (A.S.L.) and English codes. Overview of education for Deaf and Hard of Hearing children. Legal rights and common adaptive devices used by Deaf and Hard of Hearing individuals. Prerequisites: None.

4675 H 118	F	9:40-11:20A	Staff
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Section 4675 meets 8 weeks 08/26 - 10/14.

4677 H 118	F	11:30-1:10P	Staff
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Section 4677 meets 8 weeks 10/21 - 12/16.

8321 H 202	W	5:15-6:55P	C Clarke
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Section 8321 meets 8 weeks 08/24 - 10/12.

8324 H 113	W	7:10-8:50P	C Clarke
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Section 8324 meets 8 weeks 10/19 - 12/14.

SLG200 Issues and Aspects of Deafness \$165 3

Implications of laws pertaining to educational choices and rights of deaf and hearing impaired individuals. Local, state, and national organizations, activities, and agencies affecting the deaf community. Prerequisites: SLG102 and SLG103 with "C" or better, or permission of department/division.

1	4689 H 113	M	11:30-2:00P	T Riggs
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1	8333 H 118	R	7:10-9:40P	C Clarke
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To register for the following CWE198AA courses, see Program Advisor.

CWE198AA Career/Work Experience \$55 1

Participation in a work experience, gaining on-the-job training, and/or exploring a career or field of choice. Helps students relate their education to the real work world. Resume writing and interviewing skills. Development of employability skills. Prerequisites: None.

1,2	1191 H 113	W	1:30-2:20P	T Riggs
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1,2	6013 H 119	T	4:00-4:50P	Staff
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SLG204 Comparative Linguistics: ASL/English \$190 3

A variety of topics about linguistics of American Sign Language and English including phonology, morphology, lexicon, syntax, discourse, and language acquisition. Aspects of using sign language and how visual languages differ and are similar to spoken language. Prerequisites: SLG202. Corequisites: SLG203.

1,4	4701 PC WEBCT	T Riggs
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Section 4701 PC WEBCT is an online course, see page 122 for complete information.

1,4	8341 H 119	R	4:30-7:00P	Staff
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SLG205 Introduction to Interpreting \$175 3

Theories of role, function, responsibilities, and communication strategies of the American Sign Language (ASL)/English interpreter. Covers application and implementation of the National Registry of Interpreters for the Deaf (R.I.D.) Code of Ethics. Additional topics addressed include interpreters functioning as advocates, moral systems vs. ethical systems, standard business practices, and perceptions of consumers. Prerequisites: SLG201 with a grade of "C" or better, or permission of department/division.

1,4	4705 H 119	TR	12:40-1:55P	Staff
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HYBRID

Section 4705 is a Hybrid course, see WEBCT instructions on page 122.

1,4	8342 H 113	M	7:10-9:40P	Staff
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HYBRID

Section 8342 is a Hybrid course, see WEBCT instructions on page 122.

Interpreting Courses**SLG242 Educational Interpreting \$185 3**

Direct application of interpreting in the classroom. Experience with the interpreting process and decision making through role-playing. Presentations and use of initialized signs with conceptual accuracy. Emphasis on self monitoring and feedback skills. Includes required student observations of educational interpreting outside of class. Prerequisites: SLG200 and SLG201 with a grade of "C" or better, or permission of department/division.

1,4	8343 H 240	R	7:00-9:30P	D Pahl
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1,4	8345 H 240	R	4:20-6:50P	D Pahl
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IPP215 ASL to English Consecutive Interpreting \$130 2

Sequential development of consecutive interpreting skills from American Sign Language (ASL) to English. Source language analysis and target language equivalents emphasized. Analysis of texts and contexts of naturally occurring monologues, guidance for discovering personal "filters," practice of skills, techniques for self and peer evaluations, and application of theoretical models. Prerequisites: Acceptance into the Interpreter Preparation Program or permission of department/division.

1,4	2911 H 240	TR	10:05-11:45A	Staff
	H 240	T	12:10-1:50P	

Section 2911 meets 8 weeks 08/23 - 10/13.

1,4	7121 H 240	T	5:15-8:35P	Staff
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	H 240	M	7:05-8:45P	
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Section 7121 meets 8 weeks 08/23 - 10/12.

IPP218 English to ASL Consecutive Interpreting \$130 2

Sequential development of consecutive interpreting skills from English to American Sign Language (ASL). Source language analysis and target language equivalents emphasized. Analysis of texts and contexts of naturally occurring monologues, guidance for discovering personal "filters," practice of skills, techniques for self and peer evaluations, and application of theoretical models. Prerequisites: Acceptance into the Interpreter Preparation Program or permission of department/division. IPP215 suggested but not required.

1,4	2913 H 240	TR	10:05-11:45A	Staff
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Section 2913 meets 8 weeks 10/18 - 12/15.

1,4	7123 H 240	M	7:05-8:45P	Staff
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	H 240	T	5:15-8:35P	
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Section 7123 meets 8 weeks 10/18 - 12/15.

IPP220 Interactive Interpreting I \$240 4

Sequential development of interactive interpreting skills from English to American Sign Language (ASL) and from ASL to English. Perform source language analysis, apply cognitive processing techniques, and produce target language equivalents. Analysis of texts and contexts of naturally occurring dialogues, practice of skills, techniques for self and peer evaluations, and application of theoretical models. Prerequisites or Corequisites: IPP215 and IPP218 or permission of department/division.

1,4	2915 H 240	MW	1:00-2:40P	Staff
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	H 240	W	2:50-3:40P	
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1,4	7125 H 240	MW	5:40-6:55P	Staff
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	H 240	W	7:05-8:45P	
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Arabic

Department Chair: Dr. V. Foster
Evening Coordinator: Ms. D. Escalante

ARB101 Elementary Arabic I \$225 4

Introduction to the basic alphabet, grammar, pronunciation and vocabulary of the Arabic language. Listening, speaking, reading and writing skills. Prerequisites: None.

4	5201 OSW206	TR	5:15-6:55P	A Abdul-Quadir
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ARB102 Elementary Arabic II \$225 4

A continuation of ARB101. Continued study of grammar and vocabulary, with emphasis on pronunciation and speaking skills. Prerequisites: ARB101 or equivalent.

1,4	0231 OSW105	TR	10:00-11:40A	A Abdul-Quadir
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	5203 J 102	MW	5:15-6:55P	A Abdul-Quadir
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Subj. Code	Course Title		*\$	Credits	
Fnt.	Sect #	Bldg/Rm	Days	Time	Instructor

Anthropology

Department Chair: Mr. R. Reyes

ASB102 Introduction to Cultural and Social Anthropology \$165 3

Principles of cultural and social anthropology, with illustrative materials from a variety of cultures. The nature of culture; social, political, and economic systems; religion, aesthetics and language. Prerequisites: None.

0341 F 206 MWF 10:00-10:50A V Betz

ASB222 Buried Cities and Lost Tribes: Old World \$165 3

Introduction to archaeology through discoveries and the researchers who made them. Emphasis on methods of archaeological fieldwork and what these discoveries reveal about humanity, including the nature of archaeological inquiry, the development of human social groups, the changing role of religion in evolving societies, the origins of agriculture, the origins of settled lifeways, the rise of cities and complex societies, political strife across different cultures and the forces which tend to fragment societies. Examples drawn from Africa, Asia, Europe, the Pacific Islands, and Australia. Prerequisites: None.

0343 F 206 MWF 8:00-8:50A V Betz

Art/Photography

Department Chair: Mr. R. Reyes

Art Humanities

ARH100 Introduction to Art \$168 3

Understanding and enjoyment of art through study of painting, sculpture, architecture design, photography, and decorative arts. Emphasis on contemporary topics and cultural diversity in the arts. Prerequisites: None.

4 0241 F 120 MWF 10:00-10:50A P Reed
4 0243 F 206 TR 11:30-12:45P P Reed
4 0245 PC WEBCT S Chenoweth

Section 0245 PC WEBCT is an online course, see page 122 for complete information.

4 5211 F 120 W 7:10-9:50P H Bierly

ARH101 Prehistoric through Gothic Art \$168 3

History of art from prehistoric through medieval period. Prerequisites: None.

4 0247 F 120 MWF 9:00-9:50A P Reed
4 0249 F 120 TR 10:00-11:15A P Reed
4 5213 F 120 M 7:10-9:50P P Reed

ARH102 Renaissance Through Contemporary Art \$168 3

History of art from around the world from the Renaissance through contemporary period. Prerequisites: None.

4 0251 F 120 MWF 11:00-11:50A P Reed

Subj. Code	Course Title		*\$	Credits	
Fnt.	Sect #	Bldg/Rm	Days	Time	Instructor

ARH217 Mexican Art History \$168 3

Art of Mexico and related cultures, from the prehistoric to the contemporary period. Prerequisites: None.

4 5215 F 120 R 7:10-9:50P E Laughlin

Art

Note: All evening ART prefix classes require 4 extra class sessions TBA.

ADA113 Air Brush Techniques \$180 3

Use of the artist's air brush in illustration, photo retouching, vignetting, silhouetting, emphasizing. Photo retouching for reproduction purposes and technical illustration. Prerequisites: None.

1,4 0071 F 206 TR 1:00-3:45P R Reyes

ART111 Drawing I \$175 3

Fundamental principles of drawing. Emphasis on composition and facility in objective and expressive representation, using variety of drawing media. Prerequisites: None.

4 0269 F 101 MW 12:00-2:45P P Mohr
4 0271 F 101 TR 11:30-2:15P Staff
4 5223 F 206 M 6:00-10:00P J Kula
4 5225 F 206 T 6:00-10:00P J Kula
4 5227 F 101 R 6:00-10:00P P Mohr

ART112 Two-Dimensional Design \$175 3

Study of fundamental elements and principles of two-dimensional design. Prerequisites: None.

4 0273 F 101 MW 8:30-11:15A M Latour

ART115 Three-Dimensional Design \$175 3

Fundamental principles of three-dimensional design. Prerequisites: ART112.

4 0275 F 101 MW 8:30-11:15A M Latour

ART116 Life Drawing I \$190 3

Use of form, structure and anatomy of draped and undraped human figure to develop basic principles of sound draftsmanship. Prerequisites: None.

4 5229 F 101 M 5:00-10:00P J Peterson

ART117 Life Drawing II \$190 3

Further study of form, structure, and anatomy of the draped and undraped human figure with emphasis on composition. Prerequisites: ART116.

1,4 5231 F 101 M 5:00-10:00P J Peterson

ART122 Drawing and Composition II \$175 3

Emphasis on composition and exploration of drawing media. Prerequisites: ART111.

1,4 0277 F 101 MW 12:00-2:45P P Mohr
1,4 0279 F 101 TR 11:30-2:15P Staff
1,4 5233 F 206 M 6:00-10:00P J Kula
1,4 5235 F 206 T 6:00-10:00P J Kula
1,4 5237 F 101 R 6:00-10:00P P Mohr

Subj. Code	Course Title		*\$	Credits	
Fnt.	Sect #	Bldg/Rm	Days	Time	Instructor

ART151 Sculpture I \$185 3

Exploration of sculptural form and expression in clay, plaster, stone, wood and metal. Prerequisites or Corequisites: ART115 or permission of instructor.

4 5251 F 106 R 6:00-10:00P S Risi

ART152 Sculpture II \$185 3

Emphasis on control of sculptural media. Prerequisites: ART151.

1,4 5253 F 106 R 6:00-10:00P S Risi

NC 500 Ceramics - Adv. Wheel \$120

The advanced student will work with clay in order to create wheel thrown shapes and forms.

4 9031 F 121 M 7:00-10:00P J Higuchi

ART161 Ceramics I \$185 3

Introduction to ceramic materials and techniques of hand construction, decorating, glazing and throwing on potters' wheel. Prerequisites: None.

4 0295 F 121 M 2:00-7:00P L Baiz
4 5255 F 121 T 6:00-10:00P J Peterson
4 5257 F 121 W 6:00-10:00P H Hjalmarson

ART162 Ceramics II \$185 3

Major emphasis on wheel throwing, glaze making and decorating techniques. Prerequisites: ART161.

1,4 5259 F 121 T 6:00-10:00P J Peterson
1,4 5261 F 121 W 6:00-10:00P H Hjalmarson

ART165 Watercolor Painting I \$175 3

Transparent and Gouache watercolor painting. Prerequisites: (ART111 and ART112), or permission of instructor.

1,4 5265 F 101 T 6:00-10:00P L Baker

ART166 Watercolor Painting II \$175 3

Painting in water soluble media. Emphasis on individual techniques and design. Prerequisites: ART165.

1,4 5267 F 101 T 6:00-10:00P L Baker

ART167 Painting I \$175 3

Exploration of technical and expressive possibilities of various painting media in easel painting. Prerequisites: (ART111 and ART112), or permission of instructor.

1,4 5271 F 101 W 6:00-10:00P S Missal

ART168 Painting II \$175 3

Continued refinement of painting skills and investigation of new possibilities in painting. Prerequisites: ART167 or permission of instructor.

1,4 5273 F 101 W 6:00-10:00P S Missal

Subj. Code	Course Title	\$	Credits	
Fnt.	Sect # Bldg/Rm	Days	Time	Instructor

ART261 Ceramics III \$185 3

Emphasis on wheel throwing skill and individual style development. Prerequisites: ART162.

1,4	0309 F 121	M	2:00-7:00P	L Baiz
1,4	5287 F 121	T	6:00-10:00P	J Peterson
1,4	5289 F 121	W	6:00-10:00P	H Hjalmarson

ART262 Ceramics IV \$185 3

Experimental work in clays and glazes. Prerequisites: ART261.

1,4	5291 F 121	T	6:00-10:00P	J Peterson
1,4	5293 F 121	W	6:00-10:00P	H Hjalmarson

ART267 Painting III \$175 3

Development of materials and techniques of painting. Individual problem-solving. Prerequisites: ART168 or permission of instructor.

1,4	5295 F 101	W	6:00-10:00P	S Missal
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ART268 Painting IV \$175 3

Advanced problem in painting. Study with greater emphasis on personal expression. Prerequisites: ART267 or permission of instructor.

1,4	5297 F 101	W	6:00-10:00P	S Missal
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ART275 Lost Wax Casting I \$180 3

Introduction to lost wax casting techniques for jewelry and small sculptures. Emphasis on design concepts as related to three-dimensional forms. Prerequisites: None.

4	5301 F 206	W	6:00-10:00PW	Jamieson
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ART276 Lost Wax Casting II \$180 3

Advanced course in lost wax casting techniques for jewelry and small sculptures. Emphasis on the continuation of individual expression using the lost wax method. Prerequisites: ART275

1,4	5303 F 206	W	6:00-10:00PW	Jamieson
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ART290 Studio Art 3

Studio course for art majors allowing continuation in a subject field. Prerequisites: All 100 and 200-level courses in subject matter area, or permission of instructor.

1,4	0327 F 206	TR	1:00-3:45P	R Reyes
<i>Section 0327 Adv. Airbrushing Techniques \$180</i>				
1,4	5311 F 101	M	5:00-10:00P	J Peterson
<i>Section 5311 Adv. Life Drawing \$190</i>				
1,4	5313 F 201	M	6:00-10:00P	M Pucel
<i>Section 5313 Adv. 3-D Modeling for Animation and is offered during the Fall semester only. \$185</i>				
1,2,4	5315 F 121	T	6:00-10:00P	J Peterson
<i>Section 5315 Adv. Ceramics Techniques \$185</i>				
1,4	5317 F 101	T	6:00-10:00P	L Baker
<i>Section 5317 Adv. Watercolor Techniques \$175</i>				
1,4	5319 F 121	W	6:00-10:00P	H Hjalmarson
<i>Section 5319 Adv. Ceramics Techniques \$185</i>				
4	5321 F 101	W	6:00-10:00P	S Missal
<i>Section 5321 Adv. Painting Techniques \$175</i>				
1,4	5323 F 206	W	6:00-10:00PW	Jamieson
<i>Section 5323 Adv. Lost Wax Casting \$180</i>				
4	5327 F 106	W	6:00-10:00P	G Jamieson
<i>Section 5327 Glass Fusing/Slurping \$180</i>				
1,4	5329 F 106	R	6:00-10:00P	S Risi
<i>Section 5329 Seminar Adv. Welding \$180</i>				

ART295AC Art Workshop/Seminar: Drawing \$170 3

Advanced level workshop seminar in art disciplines. Prerequisites: Minimum of three (3) credits introductory and three (3) credits intermediate level courses in specific field, or permission of Department/Division Chair.

4	5333 F 206	M	6:00-10:00P	J Kula
<i>Section 5333 Color Pencil</i>				
4	5335 F 206	T	6:00-10:00P	J Kula
<i>Section 5335 Color Pencil</i>				

Note: All evening ART prefix classes require 4 extra class sessions TBA.

Computer Graphic Design

Program Director: Mrs. D. Doubleday

NC 500 Computer Graphics Open Lab \$25

Note: Students must be registered in another Computer Graphics or Media Arts class in order to register for the Computer Graphics Open Lab.

4	9037 F 201	MW	3:00-5:45P	Staff
4	9039 F 201	TR	3:00-5:45P	Staff

ART169 Two-Dimensional Computer Design \$180 3

Generation of electronic two-dimensional images and traditional methods of visual problem solving. Understanding of computer techniques and art presentation methods. Prerequisites or Corequisites: ART100 or permission of instructor.

1,4	0297 F 201	TR	12:00-2:45P	D Doubleday
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ART170 Three-Dimensional Computer Design \$180 3

Artistic manipulation of computer images. Emphasis on color and three-dimensional design in production of these images. Existing software used to generate three-dimensional art. Prerequisites: ART100, ART169, or permission of instructor.

ART170 is offered once each year during the fall semester only.

1,4	0299 F 201	TR	12:00-2:45P	D Doubleday
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ART175 Electronic Publishing Design I \$180 3

Introduction to the multiple elements of commercial publishing using the microcomputer. Basic foundation in the use of electronic page layout techniques. Emphasis on publication design layout and concepts. Prerequisites or Corequisites: ART100 or permission of instructor.

1,4	5275 F 201	W	6:00-10:00P	I Salsman
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ART183 Computer Aided Graphic Arts I \$180 3

Graphic design use in microcomputer; black and white graphics, standard and color brushes, lines, shapes, area fills and fonts. Application to illustration, advertising graphics, typography, and video interaction. Prerequisites or Corequisites: ART100 or permission of instructor.

1,4	5281 F 201	T	6:00-10:00P	E Erspamer
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ART283 Computer Aided Graphic Arts II \$180 3

Advanced skill development of graphic design through use of microcomputer. Emphasis on computer design and techniques for producing all types of camera-ready advertising art for printed matter and package design. Includes illustration, typography, photo imaging, and color separation. Prerequisites: ADA183, or ART183, or permission of instructor.

1,4	5305 F 201	T	6:00-10:00PE	Erspamer
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ART291 Digital Prepress \$180 3

Introduction to multiple elements of digital prepress concepts and techniques using the microcomputer. Basic foundation in the use of trapping and stripping software for the desktop. Use of electronic page layout techniques including color separations, registration, spot colors, impositions, signatures, and output production devices. Emphasis on prepress concepts. Prerequisites: ART100 or permission of instructor.

4	5331 F 201	W	6:00-10:00P	I Salsman
4	5337 F 201	R	6:00-10:00P	I Salsman

HYBRID

Section 5337 is a hybrid course meeting online and in the classroom on Thursdays.

Media Arts

Program Director: Mrs. D. Doubleday

NC 500 Computer Graphics Open Lab \$25

Note: Students must be registered in another Computer Graphics or Media Arts class in order to register for the Computer Graphics Open Lab.

4	9037 F 201	MW	3:00-5:45P	Staff
4	9039 F 201	TR	3:00-5:45P	Staff

ART100 Introduction to Computer Graphic Art \$60 1

Conceptualization, visualization, and production of art using the computer. Prerequisites: None.

4	0261 F 201	F	9:00-5:00P	Staff
<i>Section 0261 meets 4 weeks 08/26 - 09/16.</i>				
4	0263 F 201	F	9:00-5:00P	Staff
<i>Section 0263 meets 4 weeks 10/21 - 11/11.</i>				
4	0265 PC WEBCT			Staff
<i>Section 0265 PC WEBCT is an online course, see page 122 for complete information.</i>				
4	5221 F 209	S	9:00-5:00P	Staff
<i>Section 5221 meets 4 weeks 08/27 - 09/17.</i>				

ART150 Digital Storytelling \$165 3

Enables students to find and develop their personal stories. Emphasis on the use of digital technology to create, edit, produce and archive a digital story. Prerequisites: None.

4	5247 F 209	R	6:00-10:00P	E Lopez
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Subj. Code	Course Title	*\$	Credits
Fnt.	Sect # Bldg/Rm	Days	Time

ART177 Computer-Photographic Imaging \$190 3

Introduction to the multiple elements of microcomputer-photographic imaging. Basic foundation in the use of the photographic manipulation of images using software programs. Special attention to aesthetic foundations underlying photographic composition. Prerequisites or Corequisites: ART100 or permission of instructor.

1,4	0301 F 209	MW	9:00-11:45A	R Reyes
1,4	0302 F 209	MW	12:00-2:45P	R Reyes
1,4	5279 F 209	W	6:00-10:00P	P Teneyck

ART180AL Designer Tools: Character Studio \$110 2

Character Studio 3D-Character Animation software. Character motion, editing and blending electronic with traditional techniques. Prerequisites: ART100 and ART184. ART116 is recommended but not required.

ART180AL is offered once each year during the fall semester only.

1	5280 F 201	M	6:00-10:00P	M Pucel
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ART185 3-D Modeling for Animation \$185 3

Basic concepts of 3-D modeling. Anatomy of computer geometry; basic elements that make computer models—curves, surfaces, nurbs, and polygons. 3-D translation, shading, materials, and rendering. Prerequisites: ART/MMT184, or ART/MMT184AC, or permission of the instructor.

1,4	5283 F 201	M	6:00-10:00P	M Pucel
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ART190 Art of Web Site Design \$180 3

Print vocabulary, relationships, and typographic style for HTML (HyperText Markup Language) and World Wide Web publication. Discussion of color, proportion, and design emphasis. Producing Web sites using HyperText Markup Language (HTML), digital text, and graphics to produce artistic form and content for the Web. Prerequisites: ART180AB, or ART180AC, or ART180AE, or permission of instructor.

ART190 is offered once each year during the fall semester only.

1,4	0305 F 201	MW	9:00-11:45A	Staff
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ART255 Art Marketing \$175 3

Career goals, presentation of artist and art work (portfolio, resume, business cards, catalog), pricing and selling works, networking, establishing a studio, promotion and publicity, writing press releases, proposal writing, business ethics, artist rights, copyright law, contracts and agreements, royalties, record keeping, and communication skills. Prerequisites: None.

ART255 is offered once each year during the fall semester only.

1,4	5285 F 209	T	6:00-10:00P	Staff
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Subj. Code	Course Title	*\$	Credits
Fnt.	Sect # Bldg/Rm	Days	Time

ART270 Intermediate Computer Photographic Imaging \$190 3

Intermediate microcomputer-based photographic imaging techniques. Refinement of aesthetic awareness and personal expression. Prerequisites: ART177 or (ART177AA and ART177AB).

1,4	0315 F 209	MW	9:00-11:45A	R Reyes
1,4	0319 F 209	MW	12:00-2:45P	R Reyes
1,4	5299 F 209	W	6:00-10:00P	P Teneyck

ART274 Advanced Computer Photographic Imaging \$190 3

Advanced microcomputer-based photographic imaging techniques. Advanced manipulation techniques of photographic images. Continued development of aesthetic awareness and personal expression. Prerequisites: ART270.

1,4	0331 F 209	MW	12:00-2:45P	R Reyes
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ART289 Computer Illustration \$190 3

Introduction to the multiple elements of commercial illustration using the microcomputer. Basic foundation in the use of computer techniques including color paint and draw programs for the production of commercial illustrations for publications and printed matter. Use of input and output devices. Prerequisites or Corequisites: ART100 or permission of instructor.

1,4	0317 F 201	MW	12:00-2:45P	D Doubleday
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ART290 Studio Art 3

Studio course for art majors allowing continuation in a subject field. Prerequisites: All 100 and 200-level courses in subject matter area, or permission of instructor.

1,4	0321 F 201	MW	9:00-11:45A	Staff
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Section 0321 Adv. Web Page Design and is offered during the Fall semester only. \$180

1,4	0323 F 201	MW	12:30-3:15P	D Doubleday
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Section 0323 Adv. Illustrator \$190

TCM100 Digital Multi Media \$165 3

Introduction to the major components of a multi media project. Prerequisites: None.

3493	F 209	TR	9:00-11:45A	Staff
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MMT140 Survey of Multimedia Technology \$160 2

Introduction to multimedia technology and its uses. Overview of the various hardware and software used in developing and delivering multimedia. Emphasis on how multimedia is used in education and training. Provides a basic understanding of the process used to define and develop multimedia applications. Prerequisites: CIS105 or permission of instructor.

MMT140 is offered once each year during the fall semester only.

3483	F 201	TR	9:00-11:45A	D Doubleday
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Section 3483 meets 11 weeks 08/23 - 11/01.

Subj. Code	Course Title	*\$	Credits
Fnt.	Sect # Bldg/Rm	Days	Time

MMT216 Multimedia Project Management \$240 3

Interactive video and multimedia project management including defining, analyzing, designing, and validating interactive/multimedia applications; building and managing development and production teams; planning, budgeting, and scheduling; interactive/multimedia authoring; project implementation; and writing RFP's (Request For Proposal). Prerequisites: CIS/MMT140, or permission of instructor.

MMT216 is offered once each year during the fall semester only.

1,4	3485 F 201	TR	9:00-11:45A	D Doubleday
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MMT292 Multimedia Update \$55 1

Exploration and comparative analysis of the newest hardware and software products and packages on the market designed to enhance or replace existing multimedia technology. Prerequisites: (CIS/MMT140 and CIS141, any module), or permission of instructor.

3487	F 201	TR	9:00-11:45A	D Doubleday
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Section 3487 meets 5 weeks 11/03 - 12/01.

Photography

Program Director: Ms. D. Doubleday

NC 500 Photography Open Lab \$50

Note: Students must be registered in a photography class or digital photography class in order to register for the Photography Open Lab.

4	9041 F 239	TBA	TBA	Staff
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ART131 Photography I \$215 3

Basic black and white photographic principles and techniques. Camera functions and controls. Darkroom experience in film processing and printmaking. Camera required. Prerequisites: None.

4	0283 F 239	TR	9:00-11:45A	Staff
4	0285 F 239	TR	12:00-2:45P	Staff
4	0287 F 239	MW	9:00-11:45A	Staff
4	0289 F 239	MW	12:00-2:45P	Staff
4	5241 F 239	T	6:00-10:00P	C Kronengold
4	5243 F 239	R	6:00-10:00P	C Kronengold

ART132 Photography II \$215 3

Advanced camera and darkroom techniques. Aesthetic awareness with personal expression. Prerequisites: ART131 or permission of instructor.

4	5245 F 239	W	6:00-10:00P	Staff
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ART133 Photography III \$190 3

Refinement of aesthetic and technical aspects producing convincing images of highest quality. Prerequisites: ART132 or permission of instructor. ART111 and ART116 recommended but not required.

4	5246 F 239	M	6:00-10:00P	J Mercer
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Subj. Code	Course Title	*\$	Credits
Ftnt.	Sect # Bldg/Rm		Instructor

ART134 Photography IV \$190 3

Emphasis on personal statement and style. Related graphic art forms explored. Development of portfolio. Prerequisites: ART133 or permission of instructor.

4	5248 F 239	M	6:00-10:00P	J Mercer
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ART142 Introduction to Digital Photography \$190 3

Fundamentals of digital photography. Includes camera operations, exposure techniques, introduction to digital output, and theory of digital photography. Prerequisites: None. Course Note: Digital camera required.

4	0293 F 209	TR	12:00-2:45P	Staff
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ART290 Studio Art \$165 3

Studio course for art majors allowing continuation in a subject field. Prerequisites: All 100 and 200-level courses in subject matter area, or permission of instructor.

1,4	5325 F 239	M	6:00-10:00P	J Mercer
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All evening ART prefix classes require 4 extra class sessions TBA.

Astronomy

Department Chair: Mr. D. Speed

AST101 Survey of Astronomy \$165 3

Survey of astronomy for the nontechnical student. The history, content, and evolution of the solar system and the universe in general. Astronomical principles and instrumentation. The planets, moons, sun, comets, stars and star formation, galaxies, and cosmology. Prerequisites: None.

5361 E 116	T	7:10-10:00P	T Hoyes
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AST102 Survey of Astronomy Laboratory \$58 1

Astronomical observations and exercises designed to familiarize students with the sky, telescopes, and methods used in astronomy. Prerequisites: None.

4	5363 E 116	R	7:10-10:00P	T Hoyes
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AST111 Introduction to Astronomy I \$165 3

Introduction to astronomy for the non-science major. History of astronomy, properties of light, instruments, the solar system and nearby stars. Prerequisites: MAT092 or equivalent.

0361 E 115	MWF	10:00-10:50A	D Speed
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AST113 Astronomy I Laboratory \$55 1

Astronomical observations and exercises to supplement AST111. Prerequisites or Corequisites: AST111.

0363 E 115	M	1:00-3:50P	D Speed
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Biology

Department Chair: Mr. M. Rosati

BIO100 meets General Studies requirements in the Natural Sciences. Students enrolling in BIO100 must register for one lecture section and one lab section.

BIO100 Biology Concepts \$245 4

A one-semester introductory course covering basic principles and concepts of biology. Methods of scientific inquiry and behavior of matter and energy in biological systems are explored. Field trips may be required at students' expense. Prerequisites: None.

4,7	0371 DB 201	MWF	10:00-10:50A	Staff
4,7	0373 DB 201	MWF	11:00-11:50A	Staff
4,7	5371 F 120	MW	5:30-6:45P	Staff

BIO100 Laboratory for BIO100 \$25 0

4	0377 DB 102	M	1:00-3:50P	Staff
4	0379 DB 102	T	1:00-3:50P	Staff
4	0381 DB 102	W	1:00-3:50P	Staff
4	0383 DB 102	R	1:00-3:50P	Staff
4	5373 DB 102	M	7:00-9:50P	Staff
4	5375 DB 102	W	7:00-9:50P	Staff

BIO105 meets General Studies requirements in the Natural Sciences. Students enrolling in BIO105 must register for one lecture section and one lab section.

BIO105 Environmental Biology \$235 4

Fundamentals of ecology and their relevance to human impact on natural ecosystems. Field trips may be required at students' expense. Prerequisites: None.

4,6,7	0385 DB 106	MW	8:00-9:15A	Staff
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Section 0385 Registration takes place in the Honors Office, DB-317.

4,7	0387 DB 201	TR	10:00-11:15A	Staff
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BIO105 Laboratory for BIO105 \$25 0

4,6	0392 DB 106	W	1:00-3:50P	Staff
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Section 0392 Registration takes place in the Honors Office, DB-317.

4	0393 DB 106	T	1:00-3:50P	Staff
4	0395 DB 106	R	1:00-3:50P	Staff

BIO107 meets General Studies requirements in the Natural Sciences and Global Awareness. Students enrolling in BIO107 must register for one lecture section and one lab section.

BIO107 Introduction to Biotechnology \$245 4

Introduction to biotechnology and its global impact on society. Covers applications, laboratory techniques, limitations and the international economic benefits, risks, and legal and moral issues associated with biotechnology. Prerequisites: None.

4,7	0397 TBA	TBA	TBA	Marti-Subirana
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Subj. Code	Course Title	*\$	Credits
Ftnt.	Sect # Bldg/Rm		Instructor

BIO107 Laboratory for BIO107 \$50 0

4	0399 TBA	TBA	TBA	Marti-Subirana
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BIO108 meets General Studies requirements in the Natural Sciences and Global Awareness. Students enrolling in BIO108 must register for one lecture section and one lab section.

BIO108 Plants and Society \$245 4

A global study of plants in relation to humans; as a source of food, fiber, drugs, and other products; for aesthetic value, survival, and energy. Prerequisites: None.

7,4	0401 DB 201	MWF	8:00-8:50A	M Bond
7,4	0403 DB 201	TR	8:00-9:15A	M Bond
7,4	5383 DB 201	MW	5:30-6:45P	D Bode
7,4	5385 DB 224	TR	5:30-6:45P	D Bode

BIO108 Laboratory for BIO108 \$25 0

4	0411 DB 105	T	11:00-1:50P	M Bond
4	0405 DB 105	W	10:00-12:50P	M Bond
4	0407 DB 105	W	2:00-4:50P	M Bond
4	0409 DB 105	R	10:00-12:50P	M Bond
4	5387 DB 105	T	7:00-9:50P	D Bode
4	5389 DB 105	W	7:00-9:50P	D Bode
4	5391 DB 105	R	7:00-9:50P	D Bode

BIO109/BIO110 meets General Studies requirements in the Natural Sciences. Required elective for some Southwest Studies Programs. Students enrolling in BIO109 must also register for BIO110.

BIO109 Natural History of the Southwest \$175 3

Study of the common plants and animals of the Southwest including their distribution, adaptation, behavior, and ecology. Prerequisites: None.

3,4,7	0421 DB 224	MW	10:00-11:15A	Staff
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BIO110 Laboratory for Natural History of the Southwest \$80 1

Introduction to basic field and laboratory techniques used in the study of natural history. Specific field problems presented dealing with plant and animal analysis and ecological interrelationships. Weekend field trips required at students' expense. Prerequisites or Corequisites: BIO109 or permission of instructor.

3,4	0423 DB 106	F	10:00-12:50P	Staff
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Subj. Code	Course Title		*\$	Credits	
Fnt.	Sect #	Bldg/Rm	Days	Time	Instructor

BIO156 meets prerequisite requirement for some Allied Health Programs, consult an Advisor. Students enrolling in BIO156 must register for one lecture section and one lab section.

BIO156 Introductory Biology for Allied Health \$230 4

An introductory biology course for allied health majors with an emphasis on humans. Topics include fundamental concepts of cell biology, histology, microbiology, and genetics. Prerequisites: None.

4,7	0427	DB 201	MWF	9:00-9:50A	A Herl-Peterson
4,7	0429	DB 225	TR	8:00-9:15A	Staff
4,7	5393	C 205	MW	5:30-6:45P	C Strand
4,7	5395	DB 225	S	9:00-11:50A	Staff

Section 5395 begins Saturday, August 20.

BIO156 Laboratory for BIO156 \$15 0

4	0435	DB 109	M	10:00-12:50P	Staff
4	0437	DB 109	M	1:00-3:50P	Staff
4	0439	DB 109	W	10:00-12:50P	Staff
4	0440	DB 109	W	1:00-3:50P	A Herl-Peterson
4	5397	DB 109	M	7:00-9:50P	C Strand
4	5399	DB 109	W	7:00-9:50P	C Strand
4	5401	DB 109	S	1:00-3:50P	Staff

Section 5401 begins Saturday, August 20.

BIO160 meets prerequisite requirement for some Allied Health Programs, consult an Advisor. Students enrolling in BIO160 must register for one lecture section and one lab section.

BIO160 Introduction to Human Anatomy and Physiology \$230 4

Principles of scientific method. Structural organization, homeostasis and control mechanisms of the body. Specific chemistry concepts. Structure and function of the major systems of the body. Prerequisites: None.

4,7	0445	C 205	MWF	9:00-9:50A	Staff
4,7	0447	C 205	TR	8:00-9:15A	A Herl-Peterson
4,7	5403	DB 201	TR	5:30-6:45P	F Brenoe

BIO160 Laboratory for BIO160 \$25 0

4	0453	DB 109	T	10:00-12:50P	A Herl-Peterson
4	0454	DB 109	T	1:00-3:50P	Staff
4	0455	DB 109	R	10:00-12:50P	A Herl-Peterson
4	0457	DB 109	R	1:00-3:50P	Staff
4	5405	DB 109	T	7:00-9:50P	F Brenoe
4	5409	DB 109	R	7:00-9:50P	F Brenoe

BIO162 meets prerequisite requirement for some Allied Health Programs, consult an Advisor.

BIO162 Microbiology Concepts for Allied Health \$135 2

Types of microorganisms. Principles of growth and reproduction for specific types of microorganisms. Chain of disease transmission and defense mechanisms. Use of compound microscope. Safe handling and culturing of specific microbes. Methods of sterilization and use of disinfectants and chemotherapeutic agents. Prerequisites: None.

4	0459	DB 123	T	10:00-12:50PN	Hobson
4	0461	DB 123	R	10:00-12:50PN	Hobson
4	5411	DB 123	R	5:30-8:20P	N Hobson

Subj. Code	Course Title		*\$	Credits	
Fnt.	Sect #	Bldg/Rm	Days	Time	Instructor

BIO181 is a program prerequisite or course requirement for Pre-Professionals and Medical Technology. Students enrolling in BIO181 must register for one lecture section and one lab section.

BIO181 General Biology (Majors) I \$245 4

Principles of structure and function of living things at molecular, cellular, and organismic levels of organization. Field trips may be required at students' expense. Prerequisites: None.

4,7	0463	DB 225	MWF	8:00-8:50A	Marti-Subirana
4,7	0465	DB 225	MWF	9:00-9:50A	Marti-Subirana
4,7	0467	C 204	TR	10:00-11:15A	R Cotter
4,7	5413	DB 225	MW	5:30-6:45P	Staff

BIO181 Laboratory for BIO181 \$25 0

4	0469	DB 108	M	11:00-1:50P	Marti-Subirana
4	0471	DB 108	T	11:30-2:20P	Marti-Subirana
4	0472	DB 108	T	2:30-5:10P	R Cotter
4	0473	DB 108	W	11:00-1:50P	Marti-Subirana
4	0475	DB 108	R	2:30-5:10P	R Cotter
4	0477	DB 108	R	11:30-2:20P	Marti-Subirana
4	5415	DB 108	M	7:00-9:50P	Staff
4	5417	DB 108	W	7:00-9:50P	Staff

BIO201 meets prerequisite requirement for some Allied Health Programs, consult an Advisor. Students enrolling in BIO201 must register for one lecture section and one lab section.

BIO201 Human Anatomy and Physiology I \$245 4

Study of structure and function of the human body. Topics include cells, tissues, integumentary system, skeletal system, muscular system, and nervous system. Prerequisites: A grade of "C" or better in BIO156, or BIO181.

1,4,7	0491	C 204	MWF	8:00-8:50A	P Tate
1,4,7	0493	C 204	MWF	9:00-9:50A	P Tate
1,4,7	0495	C 204	TR	8:30-9:45A	Staff
1,4,7	5421	C 205	TR	5:30-6:45P	T Hoffman
1,4,7	5423	DB 224	S	9:00-11:50A	Staff

Section 5423 begins Saturday, August 20.

BIO201 Laboratory for BIO201 \$25 0

1,4	0499	DB 114	T	10:00-12:50P	Staff
1,4	0501	DB 114	T	1:00-3:50P	P Tate
1,4	0503	DB 114	W	1:00-3:50P	P Tate
1,4	0504	DB 114	R	10:00-12:50P	Staff
1,4	0505	DB 114	R	1:00-3:50P	P Tate
1,4	0507	DB 114	F	1:00-3:50P	P Tate
1,4	5425	DB 114	T	7:00-9:50P	T Hoffman
1,4	5427	DB 114	R	7:00-9:50P	T Hoffman
1,4	5429	DB 114	S	1:00-3:50P	Staff

Section 5429 begins Saturday, August 20.

Subj. Code	Course Title		*\$	Credits	
Fnt.	Sect #	Bldg/Rm	Days	Time	Instructor

BIO202 meets prerequisite requirement for some Allied Health Programs, consult an Advisor. Students enrolling in BIO202 must register for one lecture section and one lab section.

BIO202 Human Anatomy and Physiology II \$245 4

Continuation of structure and function of the human body. Topics include endocrine, circulatory, lymphatic, respiratory, digestive, urinary, and reproductive systems; and fluid and electrolyte balance. Prerequisites: A grade of "C" or better in BIO201.

1,4,7	0513	DB 224	MWF	8:00-8:50A	Staff
1,4,7	0514	DB 224	MWF	9:00-9:50A	Staff
1,4,7	5431	C 204	MW	5:30-6:45P	Staff

BIO202 Laboratory for BIO202 \$25 0

1,4	0517	DB 114	M	10:00-12:50P	Staff
1,4	0519	DB 114	W	10:00-12:50P	Staff
1,4	0520	DB 114	F	10:00-12:50P	Staff
1,4	5433	DB 114	M	7:00-9:50P	Staff
1,4	5434	DB 114	W	7:00-9:50P	Staff

BIO205 meets prerequisite requirement for some Allied Health Programs, consult an Advisor. Students enrolling in BIO205 must register for one lecture section and one lab section.

BIO205 Microbiology \$245 4

Study of microorganisms and their relationship to health, ecology, and related fields. Prerequisites: A grade of "C" or better in BIO156, or BIO181.

1,4,7	0524	C 205	MWF	8:00-8:50A	R Cotter
1,4,7	0525	DB 225	MW	10:00-11:15AN	Hobson
1,4,7	0527	DB 225	TR	10:00-11:15A	M Rosati
1,4,7	5435	C 102	MW	5:30-6:45P	C Kioski

BIO205 Laboratory for BIO205 \$50 0

1,4	0528	DB 123	M	10:00-12:50P	R Cotter
1,4	0529	DB 123	M	1:00-3:50P	N Hobson
1,4	0531	DB 123	T	1:00-3:50P	M Rosati
1,4	0533	DB 123	W	10:00-12:50P	M Rosati
1,4	0535	DB 123	W	1:00-3:50P	R Cotter
1,4	0537	DB 123	R	1:00-3:50P	M Rosati
1,4	5437	DB 123	M	7:00-9:50P	C Kioski
1,4	5439	DB 123	T	7:00-9:50P	C Kioski
1,4	5441	DB 123	W	7:00-9:50P	C Kioski

Subj. Code	Course Title	*\$	Credits	
Ftnt.	Sec# Bldg/Rm	Days	Time	Instructor

Subj. Code	Course Title	*\$	Credits	
Ftnt.	Sec# Bldg/Rm	Days	Time	Instructor

Subj. Code	Course Title	*\$	Credits	
Ftnt.	Sec# Bldg/Rm	Days	Time	Instructor

BIO 219 "GIS AND GPS IN ENVIRONMENTAL INVESTIGATIONS"



The development of GIS and GPS skills and knowledge will prepare you for employment in the modern job market!

A practical introduction to Geographic Information Systems (GIS) and Global Positioning Systems (GPS).

For more information call Remy Autz at (602) 534-6847.

In this class we will use GPS units to help us collect environmental field data. We will enter the data, analyze it, and present it in map layers using ArcView 9.0. We will explore ESRI's ArcView software, learn how to build GIS Map Documents, and apply basic cartographic design to our mapped result.

This course is designed for the beginner who has not been exposed to ArcView, as well as, individuals who have been working with ArcView for awhile, and would like formal training.

BIO219 Geographic Information Systems and Global Positioning Systems in Environmental Investigations \$270 4

Hands-on experience using Geographic Information Systems (GIS) and Global Positioning Systems (GPS) in environmental investigations. Practical integration of biological data collected with GPS into real-world environmental applications. Prerequisites: None. May receive credit for only one of the following: BIO219 or GPH219.

4	5445 DB 106	T	5:30-8:20P	R Autz
	DB 106	S	9:00-11:50A	
<i>Section 5445 begins Saturday, August 20.</i>				

Building Inspection

Department Chair: Dr. J. Mireles
www.phoenixcollege.edu/departments/dit

BLT120 Techniques of Building Inspection \$165 3

Theory and practice of zoning, foundation, structural, mechanical and electrical inspection in modern residential and commercial construction. Prerequisites: None.

5471	E 215	M	7:10-9:40P	A Palmiotto
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BLT124 Designing for the Americans with Disabilities Act (ADA) \$165 3

In-depth analysis of federal standards described in the Americans with Disabilities Act (ADA). Reviews the state of Arizona's enforcement document (AzDAAG). Focuses on helping designers, architects, and building officials create barrier-free buildings and facilities. Prerequisites: None.

5473	E 202	M	4:30-7:00P	Staff
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BLT129 Materials of Construction \$165 3

Fundamental characteristics of modern construction materials and the effective use of these materials in construction. Prerequisites: None.

5475	E 202	R	7:10-9:50P	A Kazmi
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BLT130 Applied Building Codes \$220 4

Building and zoning code procedures and enforcement. Construction design for solving structural problems. Building code requirements for life safety. Application of building codes to single family residences. Prerequisites: None.

5477	E 201	TR	4:30-6:10P	A Palmiotto
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BLT131 Applied Electric Codes \$220 4

National Electric Code (NEC) administration and application. NEC requirements for safe installation of system control equipment and design of electric utilization systems. Identification of wiring systems and permitted uses. Application of NEC requirements for hazardous locations, specific occupancies, and special uses of electric equipment. Prerequisites: None.

5479	E 219	S	8:00-11:30A	L Stump
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Business -

See: Accounting (ACC)
Computer Information Systems (CIS)
General Business (GBS)
International Business (IBS)
Management (MGT)
Marketing (MKT)
Real Estate (REA)
Society and Business (SBU)

Business & Personal Computers

Department Chair: Mrs. K. Green
Coordinator: Mr. W. Jones

Similar offerings available as Open-Entry computer courses, see page 110.

BPC100DD Internet and Computing Fundamentals \$180 3

Fundamental computer and Internet concepts and terminology for business and personal computers. Covers basic features of software applications. Prerequisites: None.

Recommended for students with little or no computer experience.

4	0663 B 225	TR	1:00-2:40P	Staff
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BPC110 Computer Usage and Applications \$180 3

Introduction to business and personal computer operations and usage. Software applications for analyzing and solving business problems including word processing, spreadsheet, database, and presentation graphics. Prerequisites: None.

All BPC sections are taught using Microsoft Office Suite, including Word, Excel, PowerPoint, and Access.

BPC110 courses are also offered as Open-Entry computer courses, see page 110.

4,6	0677 B 229	MW	8:00-9:40A	D Fladhammer
<i>Section 0677 Registration takes place in the Honors Office, DB-317.</i>				

4	0679 B 225	MW	11:00-12:40P	D Fladhammer
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4	0681 B 229	MW	1:00-3:00P	D Fladhammer
<i>Section 0681 meets 14 weeks 09/07 - 12/16.</i>				

4	0683 B 225	TR	8:00-9:40A	K Green
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4	0685 B 225	TR	10:00-11:40A	K Green
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4	0687 Alternative Delivery			D Fladhammer
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Section 0687 is an alternative delivery class using both the Internet and classroom. Access to the Internet and a computer with appropriate software are necessary. Students enrolled are required to attend an orientation on Saturday, 8/20/05, at 11:00 a.m. in B229. For information call 602-285-7645.

4	5677 B 229	W	5:40-9:15P	P Benschel
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4	5679 B 225	R	6:00-9:30P	S Sherman
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BPC114AE Excel: Level I \$60 1

Computer spreadsheet skills for solving business problems using Excel, including calculations, forecasting, and projections. Prerequisites: None.

4	0691 PC WEBCT			S Tolino
<i>Section 0691 runs 5 weeks, 8/22/05 - 9/23/05. See p. 122 for additional information. Internet instructions will be mailed to students the first week of class.</i>				

Subj. Code	Course Title	*\$	Credits		
Fnt.	Sec#	Bldg/Rm	Days	Time	Instructor

BPC114BE Excel: Level II \$60 1

Additional Excel spreadsheet techniques, including macro programming, database searching, extraction, and linking to obtain prescribed reports and graphs. Prerequisites: BPC/CIS114AE or permission of instructor.

1,4 0695 PC WEBCT S Tolino
Section 0695 runs 5 weeks, 9/26/05 - 10/28/05. See p. 122 for additional information. Internet instructions will be mailed to students the first week of class.

BPC114CE Excel: Level III \$60 1

Additional Excel spreadsheet techniques, including complex macros, statistics, and matrix manipulation. Project design using multiple, integrated spreadsheets. Prerequisites: BPC/CIS114BE or permission of instructor.

1,4 0699 PC WEBCT S Tolino
Section 0699 runs 5 weeks, 10/31/05 - 12/06/05. See p. 122 for additional information. Internet instructions will be mailed to students the first week of class.

BPC118AB PowerPoint: Level I \$60 1

Use of PowerPoint software to produce professional-quality presentation visuals. Prerequisites: None.

4 0710 Alternative Delivery Staff
Section 0710, a late-start class, meets 4 weeks, 09/12/05 - 10/07/05, and is an alternative delivery class using both the Internet and classroom. Access to the Internet and a computer with appropriate software are necessary. Students enrolled are required to attend an orientation on Saturday, 9/10/05, at 1:00 p.m. in B229. For information call 602-285-7645.

BPC118BB PowerPoint: Level II \$60 1

Use of PowerPoint software add movement and sound to desktop presentations to enhance audience attention. Prerequisites: BPC/CIS118AB.

4 0712 Alternative Delivery Staff
Section 0712, a late-start class, meets 4 weeks, 10/10/05 - 11/04/05, and is an alternative delivery class using both the Internet and classroom. Access to the Internet and a computer with appropriate software are necessary. Students enrolled are required to attend an orientation on Saturday, 10/08/05, at 1:00 p.m. in B229. For information call 602-285-7645.

BPC135DK Word: Level I \$115 2

Using Word word processing software to create and name files, edit text, format, and print a variety of documents. Prerequisites: The ability to use a keyboard at a minimum of 24 wpm or permission of instructor.

4 0749 B 229 TBA TBA Staff
Alternative Delivery
Section 0749, a late-start class, meets 6 weeks, 09/19/05 - 10/24/05, and is an alternative delivery class using both the Internet and classroom. Access to the Internet and a computer with appropriate software are necessary. Students enrolled are required to attend an orientation on Saturday, 9/17/05, at 1:00 p.m. in B229. For information call 602-285-7645.

Subj. Code	Course Title	*\$	Credits		
Fnt.	Sec#	Bldg/Rm	Days	Time	Instructor

BPC170 Computer Maintenance I: A+ Prep \$188 3

Technical aspects of the microcomputer, including system setup (hardware and software) and basic troubleshooting. Emphasis on basic troubleshooting, use of tools, hardware components and hardware/software interfacing. Prerequisites: CIS105 and BPC121AB or permission of instructor.

BPC170 is taught by an A+ certified instructor. This course is designed to assist students wishing to attain A+ Certification.

1,4 5753 OSW201 W 5:40-9:15P Staff

BPC229 Automated Computer System for Medical Office Management \$60 1

Principles and procedures in using an office automated computerized system for entering patient information and tracking patient billing. Includes use of accounting cycle from originating data to closing ledger entries. Prerequisites: None.

4 0753 B 230 TWR 1:00-4:20P M Banks
Section 0753 meets 4 weeks 08/23 - 09/22.

4 0755 B 229 TWR 1:00-4:20P C Van Der Veen
Section 0755 meets 4 weeks 08/23 - 09/22.

BPC298 Special Projects

BPC298 may be taken for 1, 2 or 3 credits. See Dana Fladhammer before enrolling.

Business Technology for the Office

Department Chair: Mrs. K. Green
Program Director: Mr. D. Sheehan

For related courses, see *Office Automation Systems* section, pages 110-111.

BTO148 Office Ethics and Culture \$110 2

Ethical issues and standards in the office; making ethical choices. Relationships and attitudes in the office. Office politics. Prerequisites: None.

5491 DB 224 M 7:10-8:50P W Jones

Subj. Code	Course Title	*\$	Credits		
Fnt.	Sec#	Bldg/Rm	Days	Time	Instructor

Chemistry

Department Chair: Ms. J. Arquette

CHM090 Preparation for Fundamental Chemistry \$60 1

A developmental course designed to review basic math and chemistry principles of students deficient or insecure in these areas. Stresses individualized instruction and "hands-on" experience. Serves to prepare the student for CHM130. Prerequisites: None.

4 0861 C 324 MW 12:00-12:50P Staff
Section 0861 meets 8 weeks 09/12 - 11/02.

4 5589 TBA TBA TBA Staff

CHM107 Chemistry and Society \$165 3

A survey of chemistry and its impact on the environment. Completion of CHM107LL required to meet the Natural Science requirement. Prerequisites: None.

7 0863 C 324 MWF 11:00-11:50AJ Arquette

CHM107LL Chemistry and Society Laboratory \$65 1

Laboratory experience in support of CHM107. Prerequisites or Corequisites: CHM107.

4 0867 C 301 M 1:00-3:50P J Arquette

4 0865 C 301 W 1:00-3:50P J Arquette

CHM130 Fundamental Chemistry \$165 3

Elements of general chemistry for all students. Serves to prepare the student for CHM151, or CHM230. Prerequisites: Grade of "C" or better in CHM090, or MAT091, or MAT092, or MAT102, or satisfactory score on math placement exam. Course Note: Course content designed to meet the needs of students in such areas as agriculture, home economics, nursing, and physical educational among others.

7 0871 C 324 MWF 8:00-8:50A Q Thacker

7 0873 C 324 MWF 9:00-9:50A Q Thacker

7 0875 C 329 MWF 11:00-11:50A S Lee

7 0877 C 324 TR 1:00-2:15P J Arquette

7 5591 C 320 MW 5:40-6:55P A Mohamed

7 5593 C 324 TR 5:40-6:55P Q Thacker

7 5595 C 211 S 9:00-12:00P A Mohamed

Section 5595 begins Saturday, August 20.

CHM130LL Fundamental Chemistry Laboratory \$65 1

Laboratory experience in support of CHM130. Prerequisites or Corequisites: CHM130.

4 0881 C 329 M 2:00-4:50P J White

4 0883 C 320 T 7:00-9:50A Staff

4 0885 C 320 T 9:00-11:50A S Lee

4 0887 C 320 T 1:00-3:50P Staff

4 0889 C 324 T 2:30-5:20P J Arquette

4 0891 C 324 W 2:00-4:50P Staff

4 0893 C 320 R 9:00-11:50A M Lajvardi

4 5596 C 320 M 7:10-10:00P Staff

4 5597 C 324 T 7:10-10:00P Q Thacker

4 5599 C 320 W 7:10-10:00P A Mohamed

4 5601 C 324 R 7:10-10:00P Q Thacker

4 5603 C 324 S 1:00-4:00P A Mohamed

Section 5603 begins Saturday, August 20.

Subj. Code	Course Title	*\$	Credits
Fnt.	Sect # Bldg/Rm	Days	Time

CHM138 Chemistry for Allied Health \$165 3

Elements of fundamental and organic chemistry. Includes the general chemical behavior of inorganic matter and the structure of organic and biochemical systems. Course designed for specific allied health programs at MCCCD. May not be applicable to other allied health programs or transferable. Prerequisites: Grade of "C" or better in CHM090; or one year of high school chemistry with a grade of "C" or better; or MAT092 or MAT102 or satisfactory score on placement exam.

1,7	5605 C 329	MW	5:40-6:55P	K Johnson
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CHM138LL Chemistry for Allied Health Lab \$70 1

Laboratory experience in support of CHM138, Chemistry for Allied Health. Prerequisites: None.

1,4	5607 C 329	M	7:10-9:50P	K Johnson
1,4	5609 C 329	W	7:10-9:50P	K Johnson

CHM151 General Chemistry I \$165 3

A detailed study of the principles of chemistry. Designed for science majors and students in pre-professional curricula. Completion of CHM151LL required to meet the Natural Science requirement. Prerequisites: (CHM130 and CHM130LL) or one year high school chemistry with a grade of "C" or better, and completion of Intermediate Algebra or equivalent.

1,7	0895 C 324	MWF	9:00-9:50A	J White
1,7	0897 C 324	MWF	1:00-1:50P	E Ong
1,7	0896 C 329	TR	1:00-2:15P	M Lajavardi
1,7	5611 C 324	MW	5:40-6:55P	Staff

CHM151LL General Chemistry I Laboratory \$70 1

Laboratory experience in support of CHM151. Prerequisites: CHM130LL or equivalent. Prerequisites or Corequisites: CHM151.

1,4	0899 C 324	M	2:00-4:50P	E Ong
1,4	0901 C 324	T	9:00-11:50A	J White
1,4	0903 C 324	R	9:00-11:50A	J White
1,4	0905 C 329	R	2:30-5:20P	M Lajavardi
1,4	5613 C 324	W	7:10-10:00P	Staff

CHM152 General Chemistry II \$165 3

A study of the chemical properties of the major groups of elements, equilibrium theory, thermodynamics, electrochemistry, and other selected topics. Completion of CHM152LL required to meet the Natural Science requirement. Prerequisites: CHM151 and CHM151LL.

1,7	0909 C 324	MWF	10:00-10:50A	E Ong
1,7	5615 C 329	TR	5:40-6:55P	M Elzein

CHM152LL General Chemistry II Laboratory \$75 1

Laboratory experience in support of CHM152. Prerequisites: CHM151LL or equivalent. Prerequisites or Corequisites: CHM152.

1,4	0911 C 329	T	9:00-11:50A	E Ong
1,4	0912 C 320	R	1:00-3:50P	E Ong
1,4	5617 C 329	T	7:10-10:00P	M Elzein

CHM154 General Chemistry II with Qual \$165 3

A study of the chemical properties of the major groups of elements, equilibrium theory, thermodynamics, kinetics, electrochemistry, and other selected topics. Includes qualitative analysis. Prepares students for all sophomore chemistry courses. Completion of CHM154LL required to meet the Natural Science requirement. Prerequisites: CHM151 and CHM151LL.

1,7	0913 C 324	MWF	10:00-10:50A	E Ong
1,7	5619 C 329	TR	5:40-6:55P	M Elzein

CHM154LL General Chemistry II with Qualitative Laboratory \$135 2

Laboratory experience in support of CHM154. Includes qualitative analysis. Prerequisites: CHM151LL or equivalent. Prerequisites or Corequisites: CHM154.

1,4	0915 C 329	TR	9:00-11:50A	E Ong
1,4	5621 C 329	TR	7:10-10:00P	M Elzein

CHM235 General Organic Chemistry I \$165 3

Rigorous introduction to chemistry of carbon-containing compounds. Reaction mechanisms and recent methods of synthesis emphasized. Prerequisites: CHM152 and CHM152LL, or CHM154 and CHM154LL.

1,7	0917 C 329	MWF	10:00-10:50A	S Lee
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CHM235LL General Organic Chemistry I Laboratory \$75 1

Laboratory experience in support of CHM235. Prerequisites: CHM152LL, or CHM154LL, or equivalent. Prerequisites or Corequisites: CHM235.

1,4	0919 C 320	M	1:00-4:50P	S Lee
1,4	0921 C 320	W	1:00-4:50P	S Lee

CHM236 General Organic Chemistry IIA \$165 3

Study of chemistry of carbon-containing compounds continued. Structural determination and additional reaction mechanisms and modern methods of synthesis emphasized. Prerequisites: CHM235 and CHM235LL.

1,7	0923 C 329	MWF	1:00-1:50P	J White
1,7	5623 C 324	TR	4:45-6:00P	M Rajyaguru

CHM236LL General Organic Chemistry IIA Laboratory \$75 1

Laboratory experience in support of CHM236. Prerequisites: CHM235LL or equivalent. Prerequisites or Corequisites: CHM236.

1,4	0925 C 205	R	12:50-4:40P	J White
1,4	5625 C 320	R	6:10-10:00P	Rajyaguru

CHM298 Special Projects

(See department chair for registration)

Chicana & Chicano Studies

Department Chair: Dr. A. Celozza
Evening Coordinator: Dr. M. Wilson

CCS101 Chicana and Chicano Studies \$165 3

Introduction to the wealth and diversity of Chicana and Chicano Studies research from a variety of disciplinary perspectives through the use of a series of historical and social scientific studies, novels, testimonios, and films. Prerequisites: ENG101, or ENG107, or equivalent.

0781 A 111	MWF	10:00-10:50A	Staff
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Child and Family Studies

Department Chair: Mrs. S. Phillips
Program Director: Ms. A. McKenzie

Students may choose Adolescent Studies, Child Care Administration or Family Resources emphasis.

CFS112 Personal Growth and Family Relations \$170 3

Personal development as related to the individual, the family, and their relations. Emphasis on interpersonal family relationships. Skills and techniques to facilitate and strengthen the individual and family relationships. Prerequisites: None.

4	5553 DB 329	W	6:05-8:45P	J Welch
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CFS157 Marriage and Family Life \$170 3

Study of marriage and the family as a social system, including models of family analysis, intra- and interpersonal relations, and cross-cultural and historical patterns. Prerequisites: None.

4	0805 DB 329	MWF	10:00-10:50A	Staff
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CFS159 The Modern Family \$170 3

An examination of the modern American family. Special emphasis on the changing functions and roles of individuals within today's society and an analysis of the basic problems confronting the family, including alternative family styles. Prerequisites: None.

4	5560 DB 331	S	8:30-4:00P	B Asimakopulos
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Section 5560 meets 6 weeks 10/01 - 11/05.

CFS176 Child Development \$170 3

Study of human development from the prenatal stage through adolescence, with consideration of parent and adult roles in the life experience of the growing child. Independent observation of children and personal investigation into child-related issues in contemporary America included. Prerequisites: None.

6,4	0809 DB 329	MWF	11:00-11:50A	Staff
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Section 0809 Registration takes place in the Honors Office, DB-317.

4	0811 DB 329	MWF	9:00-9:50A	Staff
4	0813 DB 329	TR	8:30-9:45A	Staff
4	5561 DB 331	T	6:05-8:45P	Staff

Subj. Code	Course Title	*\$	Credits
Ftnt.	Sect # Bldg/Rm	Days	Time

CFS178 Survey of Early Childhood Education \$170 3

Orientation to basic concepts of day care and nursery programs. History and philosophy of child care services including state regulations governing those services. Observation opportunities provided. Prerequisites: None.

4 5563 DB 329 T 6:05-8:45P Staff

CFS183 Contemporary Issues in Adolescence \$170 3

Current issues that impact adolescent development and behavior explored. Comprehensive and specific strategies for addressing these issues as parents or professionals working with teens emphasized. Issues related to adolescent sexuality, abuse, mental health, violence, and risk behaviors included. Prerequisites: None.

4 5567 DB 329 M 6:05-8:45P B Asimakopoulos

CFS205 Human Development \$170 3

Explores the growth and development process over the human life span. Research and theoretical approaches; physical, cognitive, social, and personality development from birth through adulthood and death. Prerequisites: None.

4 0816 DB 329 TR 10:00-11:15A Staff

CFS264AA, CFS264AB and CFS264AC are for students who have already taken CFS263. Contact Alverta McKenzie for the number of credits, dates, and times.

CFS264AA Child and Family Studies Internship \$55 1

Laboratory portion of Child and Family Studies Seminar. Five hours of work weekly. Supervision and evaluation by a coordinator. May be repeated for a total of six (6) credits. Prerequisites: Departmental approval. Corequisites: CFS263, when initially enrolled in CFS264AA or CFS264AB or CFS264AC module.

0817 TBA TBA TBA V McKenzie
0819 TBA TBA TBA C Chamberlin

Section 0819 meets 8 weeks 08/22 - 10/14. For CDA Assessment.

0821 TBA TBA TBA C Chamberlin

Section 0821 meets 8 weeks 10/17 - 12/09. For CDA Assessment.

CFS264AB Child and Family Studies Internship \$110 2

Laboratory portion of Child and Family Studies Seminar. Ten hours of work weekly. Supervision and evaluation by a coordinator. May be repeated for a total of six (6) credits. Prerequisites: Departmental approval. Corequisites: CFS263, when initially enrolled in CFS264AA or CFS264AB or CFS264AC module.

2 0823 TBA TBA TBA V McKenzie

Subj. Code	Course Title	*\$	Credits
Ftnt.	Sect # Bldg/Rm	Days	Time

CFS264AC Child and Family Studies Internship \$165 3

Laboratory portion of Child and Family Studies Seminar. Fifteen hours of work weekly. Supervision and evaluation by a coordinator. May be repeated for a total of six (6) credits. Prerequisites: Departmental approval. Corequisites: CFS263, when initially enrolled in CFS264AA or CFS264AB or CFS264AC module.

2 0825 TBA TBA TBA V McKenzie

CFS285 Family-School Interaction \$170 3

Interaction among parents, teachers and the school. Emphasis on methods used cooperatively by parents and teachers to provide for education and developmental needs. Prerequisites: CFS176 or CFS278 or permission of instructor.

4 5570 DB 329 R 6:05-8:45P Staff

Mini-Courses

The following one-credit courses must be attended both days. Students may register during regular registration or anytime prior to start of course if openings are available. If, for any reason, it is necessary to withdraw from the course, please contact the Admissions & Records Office. Failure to do so before the course begins will result in "no credit" and "no refund."

CFS114 Working with the Hyperactive Child \$60 1

Causes of hyperactivity in children; focus on the family's role in identification, treatment and school/community support. Prerequisites: None.

4 5555 DB 329 S 8:30-4:00P T Cornelius
Section 5555 meets on 10/22 and 10/29.

CFS130 Demystifying Adolescence \$60 1

A holistic overview of the physical, social, and emotional development of adolescents. Emphasis on effective skills necessary for working with adolescents and their families. Prerequisites: None.

4 5559 DB 329 S 8:30-4:00P B Asimakopoulos
Section 5559 meets on 09/10 and 09/17.

CFS182 Parenting the Early Adolescent: Ages Ten to Fourteen \$60 1

Emphasis on the early adolescent developmental period, ages ten to fourteen, and the importance of the parent-child relationship, as well as strategies to ensure successful teen years. Prerequisites: None.

4 5565 DB 329 S 8:30-4:00P B Asimakopoulos
Section 5565 meets on 11/12 and 11/19.

CFS281 Adolescent School Success \$60 1

An overview of factors that contribute to adolescent school success, including family-school interactions, special needs adolescents, and problem areas. Emphasis on strategies and resources to facilitate school success. Prerequisites: None.

5569 DB 329 S 8:30-4:00P L Medina
Section 5569 meets on 12/03 and 12/10.

Subj. Code	Course Title	*\$	Credits
Ftnt.	Sect # Bldg/Rm	Days	Time

CFS290AA Child Abuse: Identification and Reporting in Child Care Settings \$60 1

Identification, recording, and reporting by child care providers of sexual abuse, physical abuse, or neglect of young children. Prerequisites: None.

5571 DB 329 SU 8:30-4:00P D Greenwalt

Section 5571 meets on 10/15 and 10/16.

ECH182 Enhancing Toddler Development \$60 1

Overview of the developmental needs of children from 15 through 30 months. Emphasis on the adult role in providing a safe, stimulating everyday environment where toddlers may explore, imitate and communicate with others. Prerequisites: None.

4 6105 J 102 S 8:30-4:00P C Piper

Section 6105 meets on 10/08 and 10/15.

ECH236 Learning Materials for Young Children \$60 1

Design aspects of traditional early childhood play materials examined for teaching/learning potential. Includes design, production, and field-testing of teacher-made devices. Prerequisites: None.

1,4 6107 DB 330 S 8:30-4:00P G McGinty

Section 6107 meets on 11/05 and 11/12.

ECH287 Professional Development in Early Childhood Education \$60 1

Emerging professionalism within the field of early childhood education. Consideration of job responsibilities, rewards, ethics and current issues facing practitioners. Includes assessment and career planning. Prerequisites: None.

4 6115 DB 329 S 8:30-4:00P V McKenzie

Section 6115 meets on 09/24 and 10/01.

Note: All Saturday classes begin in the morning.

Subj. Code	Course Title	*\$	Credits
Fnt.	Sect # Bldg/Rm	Days	Time
			Instructor

Chinese

Department Chair: Dr. V. Foster
Evening Coordinator: Ms. D. Escalante

CHI115 Beginning Chinese Conversation I \$170 3

Introduction to Chinese sound system, basic grammar, and vocabulary necessary to develop speaking ability in Mandarin Chinese. Designed for students seeking speaking and listening ability with little emphasis on writing and reading Chinese characters. Prerequisites: None.

4	5583 OSW101	W	6:05-8:45P	Staff
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Civil Engineering Technology

Department Chair: Dr. J. Mireles
www.phoenixcollege/departments/dit

CET101 Surveying I \$165 3

Fundamental surveying principles including theory and field work using the level and transit, horizontal measurement by tape or stadia, benchmark and profile leveling traverse surveys and computations, establishment of line and grade. Designed to develop semi-professional personnel working for private or government engineering agencies. Prerequisites: DFT107, or GTC108, or MAT182, or MAT187, or equivalent, or departmental permission.

Students enrolling in CET101AA must enroll in lecture and lab.

7	5511 E 202	R	4:30-7:00P	J Rose
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CET101 Laboratory for CET101 \$25 0

Students enrolling in CET101AA must enroll in lecture and lab.

4,8	5513 E 202	S	12:00-5:00P	J Rose
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Section 5513 meets alternating Saturdays beginning 08/27.

CET102 Surveying II \$165 3

Surveying principles including triangulation, municipal and land surveys, topographic surveys, earthwork, state plane coordinate systems, stadia methods, practical astronomy, highway curves, superelevations and construction. Prerequisites: CET101 or departmental permission.

Students enrolling in CET102 must enroll in lecture and lab.

1,7	5515 E 202	T	4:30-7:00P	J Rose
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CET102 Laboratory for CET102 \$25 0

Students enrolling in CET102 must enroll in lecture and lab.

4,8	5517 E 202	S	7:00-12:00P	J Rose
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Section 5517 meets alternating Saturdays beginning 08/27.

Subj. Code	Course Title	*\$	Credits
Fnt.	Sect # Bldg/Rm	Days	Time
			Instructor

CET103 Construction Methods \$165 3

Modern construction techniques: planning methods, critical path method (CPM), excavation and earthmoving practices, estimating and work scheduling, concrete design and placement practices. Includes reinforced concrete, prestressed concrete, carpentry, asphalt characteristics, proper proportioning of aggregate and important safety methods. Introduction to heavy construction equipment use. Prerequisites: None.

5519	E 202	T	7:10-9:40P	J Lieberman
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CET150 Introduction to Geodesy and Map Projections \$165 3

Coordinate frames used in geodesy, photogrammetry, surveying, and mapping. Cartesian, spherical, and ellipsoidal coordinates. Introduction to kinematics, gravity field, and size and shape of earth. Positioning in three dimensions. Introduction to map projections and associated coordinate systems. Theory and application of the plane coordinate systems with emphasis on Arizona. Development of projections from Global Positioning System (GPS) observations. Prerequisites: (CET102 and MAT182) or departmental permission.

5521	E 219	W	4:30-7:00P	B Fisher
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CET171 Construction Contracts \$165 3

Legal aspects of construction contracts, writing and interpretation of specifications, prequalifications, and use of performance bonds. Prerequisites: None.

5523	E 201	M	7:10-9:40P	J Lieberman
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CET202 Boundary Control and Legal Principles II \$165 3

Application of principles to actual case studies. Emphasis on proper form and clarity in legal description writing. Procedure for filing subdivision plats and preparation for land surveyors' registration examinations. Prerequisites: CET201 or departmental permission.

1	5525 E 116	R	4:30-7:00P	J Cristea
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CET211 Strength of Materials \$165 3

A study of strength and application of the materials of engineering construction, including the mechanics of beams, shafts, and bolted and welded connections under various loading conditions. Prerequisites: DFT107, or ELT102, or (MAT151 and MAT182), or MAT187, or equivalent, or permission of department.

1	5527 C 211	W	7:10-9:40P	J Erion
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CET250 Public Land Survey System \$165 3

Overview of unique requirements to determine land boundaries according to the Manual of Instructions for the Survey of Public Lands of the United States, including history of the system, lotted sections, proportioning, subdividing, and evidence analysis. Emphasis on rules in order to perform any boundary survey, particularly for Arizona. Prerequisites: CET102 and CET201.

5529	E 219	M	4:30-7:00P	J Knight
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Subj. Code	Course Title	*\$	Credits
Fnt.	Sect # Bldg/Rm	Days	Time
			Instructor

Classical Studies Program

Program Director: Dr. M. Gibney

The Classical Studies Program is a rigorous, academic program for students wishing to transfer to top colleges nationwide. Students are introduced to the Western cultural tradition of the Greeks and Romans. Required classes include four semesters of Latin, three semesters of History of Western Civilization, and three semesters of English/Philosophy. Two-thirds of the course work leading to the Associates Arts degree must be Honors classes. Course work may be pursued in a variety of disciplines and students may pursue any academic major in conjunction with the Classical Studies certificate.

Additional information is available on the Program website www.phoenixcollege.edu/Honors_and_Classics.

Registration for the Classical Studies Program takes place in the Classical Studies Program Office, located in Building DB, Room 317, or call (602) 285-7538 for more information.

First-year students register for LAT101, ENG101, and HIS100 and other courses in consultation with the Classical Studies Program Advisor.

LAT101 Elementary Latin I \$225 4

Introduction to the basic grammar and vocabulary of the Latin language. Practice reading and translating Latin into English. Prerequisites: None.

6,4	3063 OSW106	MWF	8:45-9:55A	M Schlueter
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6,4	3065 A 110	MW	2:45-4:25P	M Schlueter
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ENG101 First-Year Composition \$165 3

Standard English writing skills. Emphasis on expository composition. Prerequisites: Appropriate English placement test score or (a grade of "C" or better in ENG071).

6	1711 DB 224	TR	8:30-9:45A	P Zaccardo
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HIS100 History of Western Civilization to Middle Ages \$165 3

Survey of the origin and development of Western civilization and its institutions from prehistory through the Ancient World and the Middle Ages. Prerequisites: None.

6	2705 A 201	TR	10:00-11:15AM	Wilson
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Second-year students register for LAT201, HIS102, and other courses in consultation with the Classical Studies Program Advisor.

LAT201 Intermediate Latin I \$225 4

Introduction to translation techniques using selections from various authors; emphasis on use of primary texts. Prerequisites: LAT102.

6,4	3067 A 110	MW	1:00-2:40P	M Schlueter
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HIS102 History of Western Civilization 1789 to Present \$165 3

Survey of origin and development of Western civilization and its institutions from French Revolution through the present. Prerequisites: None.

6	2713 A 201	MWF	9:00-9:50A	M Wilson
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See the Honors Program section for the additional Honors classes that may apply to this program.

Subj. Code	Course Title	*\$	Credits
Fnt.	Sect # Bldg/Rm	Days	Time

Clinical Medical Assisting

See: Medical Assisting (HCE)

Communication/Speech

Department Chair: Ms. E. O'Brien

COM100 Introduction to Human Communication \$165 3

Theory and practice of communication skills in public, small group, and interpersonal settings. Includes study of the speech communication process. Prerequisites: None.

1003	H 109	MWF	8:00-8:50A	Staff
1005	H 109	MWF	9:00-9:50A	Staff
1007	H 102	MWF	9:00-9:50A	Staff
1009	H 105	MWF	10:00-10:50A	Staff
1011	H 109	MWF	10:00-10:50A	Staff
1013	H 112	MW	11:00-12:15P	S Soller
1014	H 105	MW	11:00-12:15P	C Bolton
1015	H 109	MW	12:30-1:45P	Staff
6 1017	H 105	TR	8:30-9:45A	C Bolton
<i>Section 1017 Registration takes place in the Honors Office, DB-317.</i>				
1019	H 102	TR	8:30-9:45A	W King
1021	H 112	TR	10:00-11:15A	S Soller
1023	K 101	TR	10:00-11:15A	Staff
1025	H 109	TR	11:30-12:45P	W King
5841	H 102	M	4:15-6:55P	S Soller
5843	H 112	MW	4:15-6:55P	Staff
<i>Section 5843 meets 9 weeks: 10/03 - 11/30.</i>				
5845	H 102	M	7:10-9:50P	Staff
5847	H 109	TR	5:30-6:45P	Staff
5849	H 102	T	7:10-9:50P	Staff
5851	H 112	W	7:10-9:50P	P St.Amour

COM110 Interpersonal Communication \$165 3

Theory and practice of communication skills which affect day-to-day interactions with other persons. Topics may include using verbal and nonverbal symbols, interactive listening, resolving interpersonal conflict, developing and maintaining personal and professional relationships. Prerequisites: None.

1029	H 112	MWF	9:00-9:50A	Staff
1031	H 112	MWF	10:00-10:50A	Staff
1033	H 112	TR	11:30-12:45P	Staff
5855	H 112	M	7:10-9:50P	Staff
5857	H 112	T	4:15-6:55P	Staff
5859	H 102	W	4:15-6:55P	J De Francesco

COM120 Pronunciation of American Speech \$165 3

Analysis of American speech production problems due to accents produced by another language, correction of misarticulated American speech sounds, critical listening to sound production, understanding American English speech patterns, practicing American idioms and expressions, and preparing and delivering group and individual speech presentations. Prerequisites: None.

1039	H 105	TR	11:30-12:45P	C Bolton
5861	H 105	MW	4:00-5:15P	C Bolton

Subj. Code	Course Title	*\$	Credits
Fnt.	Sect # Bldg/Rm	Days	Time

COM225 Public Speaking \$165 3

Designed to improve one's self-confidence and self-concept through improving communication skills used in public speaking. To enhance each student's ability to present his/her ideas in an organized, time constrained format. To improve critical thinking skills and enhance student's ability to express himself or herself objectively, subjectively, and creatively. Prerequisites: ENG101 or ENG107, or equivalent.

1043	H 102	MWF	10:00-10:50A	Staff
1045	H 109	MW	11:00-12:15P	E O'Brien
1047	H 109	TR	8:30-9:45A	Staff
1049	H 109	TR	10:00-11:15A	E O'Brien
6 1051	H 102	TR	11:30-12:45P	E O'Brien
<i>Section 1051 Registration takes place in the Honors Office, DB-317.</i>				
6 1053	H 102	TR	1:00-2:15P	S Soller
<i>Section 1053 Registration takes place in the Honors Office, DB-317.</i>				
5865	H 109	MW	7:10-8:25P	Staff
5867	H 102	W	7:10-9:50P	Staff

COM230 Small Group Communication \$165 3

Principles and processes of small groups and development of skills for participation and leadership in small group settings. Practice in problem solving, decision making, and information sharing. Prerequisites: ENG101 or ENG107, or equivalent.

1057	H 105	MWF	9:00-9:50A	Staff
1059	H 102	TR	10:00-11:15A	W King
5871	H 105	MW	5:30-6:45P	Staff

COM259 Communication in Business and Professions \$165 3

Interpersonal, group, and public communication in business and professional organizations. Emphasis on oral communication. Prerequisites: ENG101 or ENG107, or equivalent.

5873	H 109	T	7:10-9:50P	L Cruz-Evans
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STO292 The Art of Storytelling is also offered as EDU292 (see page 72) and HUM292 (see page 95).

STO292 The Art of Storytelling \$165 3

Explore the art and origin of storytelling. Provide a variety of storytelling techniques, styles and exercises to enhance the delivery of telling stories. Assist in the integration and application of storytelling to the learning environment in the classroom. Prerequisites: None.

4900	H 105	TR	10:00-11:15A	C Bolton
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Beginning Fall 2005, Phoenix College will offer classes at the City Colleges Center.

LAS101 Introduction to Law

see page 98 for course details or call (602) 285-7216.

LAS204 Business Law for Legal Assistant

see page 99 for course details or call (602) 285-7216.

And more!

For more information and a complete listing of classes, call (602) 223-4000.

City Colleges Center
www.ccc.maricopa.edu | (602) 223-4000



Subj. Code	Course Title		*\$	Credits	
Ftnt.	Sect #	Bldg/Rm	Days	Time	Instructor

Computer Information Systems

Department Chair: Mrs. C. Cloud
Program Director: Ms. D. Stark

Students pursuing a Business Department certificate or degree program and all Business transfer students are strongly encouraged to seek advisement from a Business Department faculty member. Stop by B330 or call 602-285-7387.

BPC125 Microcomputer Set Up and Maintenance \$60 1

How to install and maintain a microcomputer (personal computer). Steps used to set up a new or add options to a previously installed microcomputer. Installation of internal options (memory, graphics, modems, etc.), as well as external options and devices (printers, monitors, communications, etc.). Troubleshoot (identify and repair or have repaired) microcomputer problems. Prerequisites: None.

4	5829	B 321	W	5:40-8:20P	Staff
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Section 5829 meets 5 weeks 09/07 - 10/05.

Computers in Education Learning Community

The following sections of CIS105 and EDU221 require that students enroll in the 6 credit "Computers in Education Learning Community." For additional information see inside back cover page.

Subj. Code	Course Title		*\$	Credits	
Ftnt.	Sect #	Bldg/Rm	Days	Time	Instructor
1,4,8	0954	B 323	M	11:00-11:50A	L Offenberg
		B 308	W	11:00-11:50A	
		B 328	F	11:00-11:50A	

EDU221 Introduction to Education \$165 3

1,8	1395	C 205	MWF	10:00-10:50A	O Cañez
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Note: All CIS 105 classes also require one hour per week regular lab with the time to be arranged.

CIS105 Survey of Computer Information Systems \$180 3

Overview of computer technology, concepts, terminology, and the role of computers in society. Discussion of social and ethical issues related to computers. Use of word processing, spreadsheet, database, and presentation software. Includes programming and use of the Internet. Exploration of relevant emerging technologies. Prerequisites: None.

4	0931	B 302	MW	7:00-7:50A	Staff
		B 307	F	7:00-7:50A	
4	0933	B 307	M	8:00-8:50A	S Hathy
		B 308	WF	8:00-8:50A	
4	0935	B 327	MW	8:00-8:50A	Staff
		B 323	F	8:00-8:50A	
4	0937	B 302	MW	8:00-8:50A	Staff
		B 307	F	8:00-8:50A	
4	0939	B 302	MW	9:00-9:50A	Staff
		B 307	F	9:00-9:50A	
4	0941	B 328	MW	9:00-9:55A	D Carnahan
		B 323	F	9:00-9:55A	

Section 0941 meets 15 weeks 09/07-12/16.

4	0943	B 302	MW	10:00-10:50A	G Simpson
		B 307	F	10:00-10:50A	
4	0945	B 306	MF	10:00-10:50A	L Offenberg
		B 307	W	10:00-10:50A	
4	0947	B 307	M	10:00-10:50A	D Carnahan
		B 306	W	10:00-10:50A	
		B 302	F	10:00-10:50A	
4	0949	B 306	WF	11:00-11:50A	Staff
		B 307	M	11:00-11:50A	
4	0951	B 308	MF	11:00-11:50A	Staff
		B 323	W	11:00-11:50A	
4	0953	B 328	MW	11:00-11:55A	S Hathy
		B 323	F	11:00-11:55A	

Section 0953 meets 15 weeks 09/07-12/16.

4	0955	B 302	MW	12:00-12:50P	L Offenberg
		B 307	F	12:00-12:50P	
4	0957	B 306	MW	1:00-1:50P	Staff
		B 307	F	1:00-1:50P	
4,6	0959	B 302	M	1:00-2:15P	D Stark
		B 323	W	1:00-2:15P	

Section 0959 Registration takes place in the Honors Office, DB-317.

4	0961	B 302	T	7:00-8:15A	Staff
		B 307	R	7:00-8:15A	
4,6	0963	B 302	T	8:30-9:45A	D Stark
		B 206	R	8:30-9:45A	

Section 0963 Registration takes place in the Honors Office, DB-317.

4	0965	B 307	T	8:30-9:45A	S Hathy
		B 317	R	8:30-9:45A	
4	0967	B 317	T	8:30-9:45A	Staff
		B 307	R	8:30-9:45A	
4	0969	B 323	T	10:00-11:15A	L Offenberg
		B 306	R	10:00-11:15A	
4	0971	B 307	T	10:00-11:15A	A Battle
		B 302	R	10:00-11:15A	
4	0973	B 328	T	10:00-11:20A	Staff
		B 307	R	10:00-11:20A	

Section 0973 meets 15 weeks 09/06-12/15.

4	0975	B 307	T	11:30-12:45P	S Hathy
		B 306	R	11:30-12:45P	

CIS105 Survey of Computer Information Systems (Cont.) \$180 3

4	0977	B 306	T	11:30-12:45P	Staff
		B 323	R	11:30-12:45P	
4	0979	B 302	T	11:30-12:45P	A Battle
		B 307	R	11:30-12:45P	
4	0981	B 302	T	2:00-3:30P	L Offenberg
		B 323	R	2:00-3:30P	

Section 0981 meets 15 weeks 09/06-12/15.

4	5771	B 323	M	4:15-5:30P	Staff
		B 306	W	4:15-5:30P	
4	5773	B 323	M	5:40-6:55P	Staff
		B 306	W	5:40-6:55P	
4	5775	B 308	M	7:10-9:50P	Staff
4	5777	B 302	T	4:15-5:30P	Staff
		B 323	R	4:15-5:30P	
4	5779	B 302	T	5:40-6:55P	Staff
		B 323	R	5:40-6:55P	
4	5781	B 302	T	7:10-9:50P	Staff
4	5783	B 308	W	7:10-9:50P	Staff
4	5785	B 302	R	7:10-9:50P	Staff
4	5789	B 306	S	9:00-12:00P	Staff

Section 5789 meets 14 weeks 09/10 - 12/10.

CIS114DE Excel Spreadsheet \$180 3

Computer spreadsheet skills for solving business problems using Excel, including calculations, forecasting, projections, macro programming, database searching, extraction, linking, statistics, and matrix manipulation. Production of graphs and reports. Project design using multiple, integrated spreadsheets. Prerequisites: None.

4	5793	B 323	W	7:10-9:50P	Staff
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CIS117DM Microsoft Access: Database Management \$180 3

Introduction to the basic elements, exploration of additional components and common database management problems related to the Microsoft Access program. Combines the contents of BPC/CIS117AA and BPC/CIS117BA and BPC/CIS117CA. Prerequisites: None.

4	5795	B 323	M	7:10-9:50P	Staff
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CIS120DF Computer Graphics: Adobe Photoshop \$180 3

Provides students with the capability to use Adobe Photoshop graphics software on a computer. Basic foundation course in the use of electronic techniques to select, manipulate, and edit images, for graphic design and image correction. Prerequisites: None.

CIS120DF is offered once each year during the fall semester only.

4	5796	B 206	W	7:10-9:50P	Staff
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CIS121AE Windows Operating System: Level I \$60 1

Specific topics include booting and shutting down the computer, navigating the desktop, start button features, taskbar status, and receiving on-line help support. Exploring and managing folders and files, running programs, and learning about Wordpad and Paint application programs. Prerequisites: None.

4	0983	B 206	M	12:00-12:55P	S Hathy
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Section 0983 meets 14 weeks 09/12 - 12/12.

4	5797	B 206	W	5:40-6:35P	S Hathy
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Section 5797 meets 15 weeks 09/07-12/14.

Subj. Code	Course Title		*\$	Credits	
Fnt.	Sect #	Bldg/Rm	Days	Time	Instructor

**CIS126AA UNIX Operating System:
Level I \$60 1**

Use of the UNIX operating system: system components, built-in commands, files and directories, editors, and UNIX Shell and command lines. Prerequisites: None.

CIS126AA is offered once each year during the fall semester only.

4	5799	B 206	M	5:40-6:55P	L Offenberg
<i>Section 5799 meets 11 weeks 09/12 - 11/21.</i>					

**CIS133DA Internet/Web
Development Level I \$180 3**

Overview of the Internet/WWW and its resources. Hands-on experience with various Internet/WWW communication, resource discovery, and information retrieval tools. Web page development also included. Prerequisites: None.

4	0985	B 307	W	1:00-3:30P	A Battle
4	5801	B 307	R	5:40-8:20P	Staff

**CIS150 Programming
Fundamentals \$170 3**

Structured program design and logic tools. Use of computer problems to demonstrate and teach concepts using appropriate programming language. Prerequisites: CIS105 or permission of instructor.

1,4	5803	B 323	T	7:10-9:50P	Staff
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**CIS159 Visual Basic
Programming I \$180 3**

Use of the Visual Basic programming language to solve problems using suitable examples from business or other disciplines. Prerequisites: CIS105 or permission of instructor.

1,4	0987	B 307	MW	9:00-9:50A	G Simpson
		B 302	F	9:00-9:50A	
1,4	5805	B 323	R	7:10-9:50P	Staff

CIS162AD C#: Level I \$180 3

Introduction to C# programming including general concepts, program design, development, data types, operators, expressions, flow control, functions, classes, input and output operations, debugging, structured programming, and object-oriented programming. Prerequisites: CIS105 or permission of instructor.

1,4	0991	B 306	M	11:00-11:50A	G Simpson
		B 307	WF	11:00-11:50A	
1,4	5809	B 302	W	7:10-9:50P	Staff

**CIS163AA Java Programming:
Level I \$180 3**

Introduction to Java programming. Includes features needed to construct Java Applets, Java Applications, control structures, methods, arrays, character and string manipulation, graphics, and object-oriented programming. Prerequisites: CIS105.

1,4	5811	B 206	M	7:10-9:50P	Staff
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Subj. Code	Course Title		*\$	Credits	
Fnt.	Sect #	Bldg/Rm	Days	Time	Instructor

**CIS166AA Introduction to Java
Scripting \$180 3**

Introduction to basic JavaScript programming concepts including syntax. Covers Hypertext Markup Language (HTML), programming logic and debugging, as well as forms manipulation and animation. Prerequisites: CIS133CA or CIS133DA or permission of instructor.

1,4	5817	B 206	R	7:10-9:50P	Staff
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**CIS190 Introduction to Local
Area Networks \$180 3**

Overview of local area networks. Emphasis on the elements of a local area network, current issues and products, and use of a local area network. Includes terminology, hardware and software components, connectivity, resource monitoring and sharing, electronic mail and messaging, and security issues. Prerequisites: CIS105 or permission of instructor.

1,4	5813	B 317	T	7:10-9:50P	G Simpson
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**CIS225 Business Systems Analysis
and Design \$170 3**

Investigation, analysis, design, implementation and evaluation of business computer systems. Prerequisites: Any programming language or permission of instructor.

1,4	5815	B 206	T	7:10-9:50P	Staff
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**CIS233DA Internet/Web Development
Level II \$180 3**

Design and create pages on the World Wide Web with a variety of markup languages, programming languages, scripts, and multimedia. Hands-on experience authoring and preparing sophisticated web documents. Exploration of best practices/issues for web design and publishing and careers in web development and e-commerce. Prerequisites: BPC/CIS133CA or BPC/CIS133DA or permission of instructor.

1,4	0992	B 307	M	1:00-3:30P	A Battle
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CIS235 e-Commerce \$180 3

Introduction to Electronic Commerce on the Internet. Designing an electronic storefront including web page content and development, e-commerce site marketing, advertisement, legal and security considerations, credit card and other debit transaction covered. Also includes current issues in e-commerce. Prerequisites: CIS133CA, or CIS133DA, or permission of instructor.

CIS235 is offered once each year during the fall semester only.

1,4	0993	B 308	T	1:00-2:15P	Staff
		B 307	R	1:00-2:15P	

(Students must see Diane Stark prior to enrolling in any of the Computer Information Systems Internship or Special Projects courses.)

**CIS290AA Computer Information
Systems Internship \$60 1**

Work experience in business or industry. Prerequisites: Permission of instructor.

1,3,4	0994	TBA	OE/OE	OE/OE	D Stark
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Subj. Code	Course Title		*\$	Credits	
Fnt.	Sect #	Bldg/Rm	Days	Time	Instructor

**CIS290AB Computer Information
Systems Internship \$115 2**

Work experience in business or industry. Prerequisites: Permission of instructor.

1,3,4	0995	TBA	OE/OE	OE/OE	D Stark
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**CIS290AC Computer Information
Systems Internship \$170 3**

Work experience in business or industry. Prerequisites: Permission of instructor.

1,3,4	0996	TBA	OE/OE	OE/OE	D Stark
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NOTE: All programming courses require 1 hour per week lab TBA.

Counseling

Department Chair: Mrs. Q. Chavez
Evening Coordinator: Mr. F. Amador

Most counseling courses help develop useful personal skills and transfer to ASU and NAU as elective credit hours.

CPD102AA Assertiveness Training \$110 2

Designed to help students, differentiate assertive, non-assertive and aggressive behavior, overcome blocks to acting assertively, establish boundaries, and develop effective verbal and nonverbal assertive behavior. Group discussion, role playing, and videotape feedback are used to enable students to express feelings, beliefs, and opinions in a direct appropriate manner. Prerequisites: None.

5901	HC 1	W	5:40-7:30P	M Lowe
<i>Section 5901 meets 15 weeks 08/30 - 12/06.</i>				

CPD102AB Career Exploration \$115 2

Designed to assist students making career choices. Focuses on self-assessment in terms of educational and career opportunities and reasonable possibilities in the world of work. Includes assessment for personal/career interests, values, needs, attitudes, skills, and other potential, and exploration of occupational information to establish career and educational goals. Prerequisites: None.

4	1083	HC 1	MW	11:00-11:50A	M Lowe
4	1085	HC 1	TR	10:00-10:50A	A Villegas
4	5903	B 123	W	5:20-7:05P	B Burns
<i>Section 5903 meets 15 weeks 08/31 - 12/07.</i>					

**CPD102AD Eliminating Self-Defeating
Behavior \$110 2**

Designed to help students change behaviors that work against their potential, i.e., inferior feelings, shyness, nervousness, stage fright, under achievement etc. Focus on identifying undesirable thoughts, emotions and behaviors, for the purpose of developing alternative, and more desirable thoughts, emotions and behaviors. Prerequisites: None.

4	1087	HC 1	MW	9:00-9:50A	L Clark
4	5905	HC 1	T	5:40-7:30P	M Lowe
<i>Section 5905 meets 15 weeks 08/30 - 12/06.</i>					

Subj. Code	Course Title	*\$	Credits	
Fnt.	Sect # Bldg/Rm	Days	Time	Instructor

CPD102AH Stress Management \$110 2

Reviews the sources of stress, the physiological effects and the psychological impact of stress on the individual. Provides strategies to reduce stress. Prerequisites: None.

1091 HC 1 TR 11:30-12:50P Staff
Section 1091 meets 10 weeks 08/23 - 10/27.

CPD102AJ Personal Spiritual Development \$110 2

Designed to encourage exploration of human spirituality. Focus on personal values and individual belief systems. Emphasis on developing an integrated concept of spirituality and applying it to one's own life. Prerequisites: None.

1092 A 202 TR 9:00-9:50A L Clark

CPD102AN Anger Management \$118 2

Provides an understanding of the emotion of anger, explores the types, origins and typical reactions to anger. Covers stress and the need for stress management in relation to anger. Examines personal anger patterns and feelings, and the use of effective interpersonal communications in effective anger management. Prerequisites: None.

4 5907 B 101 S 9:00-2:00P M Macias
Alternative Delivery C Steele
Section 5907 meets 3 weeks 09/10 - 09/24.
Out of class assignments and projects will be required.
Information will be provided in class.

CPD102AR Relaxation Training \$55 1

Emphasis on specific relaxation techniques to alleviate dysfunctional tension. Use of progressive relaxation methods to reduce stress. Discussion of other modalities of relaxation. Prerequisites: Permission of instructor.

1093 J 102 TR 11:30-12:50P J Nichol
Section 1093 meets 5 weeks 11/01 - 12/08.

CPD102AS Conflict Resolution \$118 2

Developing new skills for dealing effectively with everyday conflict and improving quality of one's own life. Opportunity to discuss issues and seek cooperative resolutions. Prerequisites: None.

4 5911 B 103 SU 9:00-4:00P M Macias
C Steele
Section 5911 meets 2 weeks 10/08 - 10/16.

CPD102AT Building Self-Esteem \$115 2

Practice in specific methods for building and keeping self-esteem. Personal assessment of attitudes, values, support systems, and goals. Prerequisites: None.

4 5913 HC 1 R 5:40-8:20P E Marek
Section 5913 meets 10 weeks 09/29 - 12/08.

CPD103BA Women In Transition \$110 2

Designed to assist and support women who are experiencing life transitions. Emphasis on assessing self-potential, increasing self-confidence, managing life change, and exploring education/career/life options in terms of the realities of roles for women today. Prerequisites: None.

1097 H 102 MW 12:00-12:55P N Navarrete
Section 1097 meets 15 weeks 08/29 - 12/07.

CPD103BE Native American Cultural Pride and Awareness \$110 2

Develop an awareness of cultural roots, history, and traditions with emphasis on the shaping of personal identity, social, career, and educational decisions. Prerequisites: None.

5917 **Alternative Delivery** P McIntyre
Section 5917 Out of class assignments and projects will be required. Information will be provided in class.

CPD104 Career and Personal Development \$165 3

An overview of the process of career/life planning through self-awareness and understanding. Focus on specific skill development such as dealing with change, decision making, goal setting and understanding lifestyles. Provides opportunity to evaluate interests, skills and values. Emphasis on the development of a comprehensive career search process which includes current occupational information, specific tools for researching the job market and acquiring employment. Prerequisites: None.

1099 OSW101 TR 10:00-11:15A F Amador

CPD150 Strategies for College Success \$170 3

Focus on increasing student success through college orientation and personal growth, study skills development, and educational and career planning. Prerequisites: None.

4 1101 H 112 TR 8:30-9:50A N Navarrete
Section 1101 meets 15 weeks 08/30 - 12/08.
4 5921 J 102 TR 5:40-7:05P R Trujillo
Section 5921 meets 15 weeks 08/30 - 12/08.

**CAREER WORK EXPERIENCE:**

Do you want to explore career options?

Do you need to get on-the-job training?

Relate your education to the real work world!!

Register for CWE 198. Weekly orientation sessions available stop by the Counseling and Career Center to learn more or call 602-285-7420.

AAA150AB Study Skills Development \$55 1

Emphasis on increasing student success through the use of study strategies including materials organization, note-taking, reading, test-taking, memory, and critical and creative thinking. Prerequisites: None.

5925 B 102 S 9:00-4:00P C Steele
Section 5925 meets 2 weeks 10/01 - 10/08.

CPD150AB Study Skills Development \$55 1

Emphasis on increasing student success through the use of study strategies including materials organization, note-taking, reading, test-taking, memory, and critical and creative thinking. Prerequisites: None.

1103 DB 331 MW 12:00-1:15P F Amador
Section 1103 meets 6 weeks 09/19 - 10/24.
5927 B 101 S 9:00-4:00P Staff
Section 5927 meets 2 weeks 10/15 - 10/22.

CPD160 Introduction to Multiculturalism \$173 3

Examination of the multiple cultures and subcultures within the contemporary United States. Personal exploration of awareness and appreciation of multiculturalism. Activities for experiencing diverse cultural perspectives. Skills for recognizing, analyzing, and mediating cultural and psychological factors impacting conflict and accord between diverse cultures. Credit (P) or no credit (Z). Standard grading available according to procedures outlined in catalog. Prerequisites: None.

CPD160 satisfies Cultural Awareness requirement for ASU and NAU.

4 5929 B 101 S 9:00-4:00P M Macias
Alternative Delivery C Steele
Section 5929 meets 4 weeks 10/29 - 11/19.
Out of class assignments and projects will be required.
Information will be provided in class.

CWE198AA Career/Work Experience \$55 1

Participation in a work experience, gaining on-the-job training, and/or exploring a career or field of choice. Helps students relate their education to the real work world. Resume writing and interviewing skills. Development of employability skills. Prerequisites: None.

1 1193 TBA TBA TBA E Chavez

CWE198AB Career/Work Experience \$110 2

Participation in a work experience, gaining on-the-job training, and/or exploring a career or field of choice. Helps students relate their education to the real work world. Resume writing and interviewing skills. Development of employability skills. Prerequisites: None.

1 1195 TBA TBA TBA E Chavez

CWE198AC Career/Work Experience \$165 3

Participation in a work experience, gaining on-the-job training, and/or exploring a career or field of choice. Helps students relate their education to the real work world. Resume writing and interviewing skills. Development of employability skills. Prerequisites: None.

1 1197 TBA TBA TBA E Chavez

Subj. Code	Course Title		*\$	Credits	
Fnt.	Sect #	Bldg/Rm	Days	Time	Instructor

Culinary Studies

See: Food and Nutrition (FON)

Dental Assisting

Department Chair: Ms. K. Anderson
Program Director: Ms. J. Wilburn

For information regarding the Dental Assisting Program courses, please contact Janet Wilburn, 602-285-7327 or Debi Contoleon 602-285-7427.

DAE101 Preclinical Dental Assisting \$145 2

Preclinical procedures in dentistry. Dental equipment operation and maintenance, infection control, sterilization, hazard control procedures, and four-handed concepts during clinical procedures. Prerequisites: Admission to the Dental Assisting Program or permission of instructor. Corequisites: DAE102, DAE104, DAE106, DAE107, DAE/DHE114, DAE/DHE122, DAE/DHE203, and DAE/DHE204, or permission of instructor.

1,4,7 1203 R 133 M 10:00-11:50A R Perry

DAE102 Preclinical Dental

Assisting Laboratory \$100 1

Practice of preclinical procedures including dental equipment operation and maintenance, infection and hazard control procedures, and four-handed dentistry concepts. Prerequisites: Admission to the Dental Assisting Program or permission of instructor. Corequisites: DAE101, DAE104, DAE106, DAE107, DAE/DHE114, DAE122, DAE/DHE203, and DAE/DHE204, or permission of instructor.

1,4 1205 R 145 T 1:30-4:20P J Wilburn
1,4 1207 R 145 R 1:30-4:20P C Iriart
1,4 1209 R 145 F 9:00-11:50A J Snow

DAE104 Preventive Dentistry \$130 2

Educational and therapeutic techniques necessary for instructing diverse patients nutritional counseling, fluorides, preventive dental procedures, development of individual programs, and techniques of patient motivation. Prerequisites: Admission to the Dental Assisting Program or permission of instructor. Corequisites: DAE101, DAE102, DAE106, DAE107, DAE/DHE114, DAE/DHE122, DAE/DHE203, and DAE/DHE204, or permission of instructor.

1,4 1211 R 133 W 10:00-11:50A R Perry

DAE106 Clinical Dental Assisting \$255 4

Dental Assisting profession's history, roles of the dental team members, ethical and legal standards. Operatory and patient preparation, assisting with General Dentistry and specialty procedures. Application of current concepts in Clinical Assisting. Prerequisites: Admission to the Dental Assisting Program or permission of instructor. Corequisites: DAE101, DAE102, DAE104, DAE107, DAE/DHE114, DAE/DHE122, DAE/DHE203, and DAE/DHE204, or permission of instructor.

1,4,7 1213 R 124 T 11:30-1:10P J Wilburn
R 124 R 11:00-12:40P

DAE107 Clinical Dental

Assisting Laboratory \$145 2

Introduction to specialty dental practices. Clinical assisting with diagnosis, preparation to patient, and specialty procedures. Prerequisites: Admission to the Dental Assisting Program or permission of instructor. Corequisites: DAE101, DAE102, DAE104, DAE106, DAE/DHE114, DAE/DHE122, DAE/DHE203, and DAE/DHE204, or permission of instructor.

1,4 1215 R 145 MW 2:00-4:50P J Wilburn
1,4 1217 R 145 TR 8:00-10:50A R Perry

DAE114 Emergency Medicine \$110 2

Introduction to recording and interpreting medical history. Additional topics include: recognition of signs and symptoms of medical emergencies, procedures and techniques introduced to prevent emergencies and management of emergency situations in the dental environment. Prerequisites: Admission to the Dental Hygiene or Dental Assisting Programs.

1 1219 R 133 M 8:00-9:50A S Gagliano

DAE122 Dental Anatomy, Embryology and Histology \$135 2

Includes the histology and embryology of oral tissues; developmental disturbances of the face, oral cavity, and related structures; tooth composition and morphology; eruption patterns and occlusal evaluation. Use of skulls, models and multi-media resources also covered. Prerequisites: Admission to the Dental Assisting or Dental Hygiene Programs.

1,4 1221 R 133 MW 12:30-1:50P J Wilburn

DAE203 Dental Materials \$135 2

Composition, properties and criteria for use of dental materials. Principles of mixing techniques of restorative, preventive, and laboratory dental materials. Prerequisites: (Admission to the Dental Assisting or Dental Hygiene Programs), or permission of instructor.

1,4,7 1223 R 133 W 8:00-9:50A R Perry

DAE204 Dental Materials Laboratory \$100 1

Manipulate permanent and temporary restorative materials, impression material, dental waxes, cements, periodontal dressings, bases and liners. Fabricate mouth protectors, study models, and custom impression trays. Laboratory proficiency in margination of permanent restorative materials. Prerequisites: (DAE/DHE203 and Admission to the Dental Assisting or Dental Hygiene Programs) or permission of instructor.

1,4 1225 R 124 M 2:00-4:50P C Iriart
1,4 1227 R 124 R 8:00-10:50A R Perry

Dental Hygiene

Department Chair: Ms. K. Anderson
Program Director: Ms. L. Garcia

DHE114 Emergency Medicine \$110 2

Introduction to recording and interpreting medical history. Additional topics include: recognition of signs and symptoms of medical emergencies, procedures and techniques introduced to prevent emergencies and management of emergency situations in the dental environment. Prerequisites: Admission to the Dental Hygiene or Dental Assisting Programs.

1 1291 R 124 M 10:00-11:50A C Kleiman

DHE120 Pre-Clinical Dental Hygiene \$730 6

Introduction to the dental hygiene profession and the process of care. Infection control, patient assessment, preventive treatment and dental hygiene instrumentation are practiced. Students are introduced to self assessment skills and quality improvement. Prerequisites: Admission to the Dental Hygiene Program or permission of instructor.

1,4 1293 R 133 M 9:00-9:50A E Kaz
R 133 T 9:00-1:30P M Eichenberg
R 133 R 7:30-12:00P K Anderson
1,4 1295 R 133 M 9:00-9:50A K Anderson
R 133 T 9:00-1:30P E Kaz
R 133 R 7:30-12:00P M Eichenberg

DHE122 Dental Anatomy, Embryology and Histology \$110 2

Includes the histology and embryology of oral tissues; developmental disturbances of the face, oral cavity, and related structures; tooth composition and morphology; eruption patterns and occlusal evaluation. Use of skulls, models and multi-media resources also covered. Prerequisites: Admission to the Dental Assisting or Dental Hygiene Programs.

1 1297 R 124 W 10:00-11:50A K Christen
Alternative Delivery

*Out of class assignments and projects will be required.
Information will be provided in class.*

DHE124 Dental Radiography \$110 2

Physics of radiography, theory of radiation production, exposure techniques, radiation protection, film processing, mounting, and interpretation of radiographs. Course activities include multi-media resources. Prerequisites: Admission to the Dental Assisting or Dental Hygiene Programs or permission of instructor.

1,7 1299 R 133 F 8:00-9:50A M Gross

Subj. Code	Course Title	*\$	Credits	
Ftnt.	Sect # Bldg/Rm	Days	Time	Instructor

DHE125 Dental Radiography**Laboratory \$55 1**

Radiation safety and infection control procedures for operator and patient. Film placement, exposure, development, mounting and evaluation of dental radiographs. Operation and maintenance of X-ray and processing equipment. Interpretation of radiographic findings. Prerequisites or Corequisites: DAE/DHE124 and admission to the Dental Hygiene Program or permission of instructor.

1,8	1300 R XRAY	M	10:00-12:50P	M Gross
1,8	1301 R XRAY	F	10:00-12:50P	C Iriart
1,8	1303 R XRAY	F	1:30-4:20P	M Gross

DHE127 Prevention of Dental**Disease \$165 3**

Introduction of preventive concepts to help clients achieve control of oral diseases and injury. Topics include etiologic agents, caries process, nutrition, fluorides, sealants and patient/client motivation techniques. Multi-media resources used extensively. Prerequisites: Admission to the Dental Hygiene Program or permission of instructor.

1	1305 R 124	W	8:30-9:50A	Kurtz-Weidinger
	R 124	R	1:30-2:50P	

DHE203 Dental Materials \$110 2

Composition, properties and criteria for use of dental materials. Principles of mixing techniques of restorative, preventive, and laboratory dental materials. Prerequisites: Admission to the Dental Assisting or Dental Hygiene Programs or permission of instructor.

1,7	1307 R 133	T	12:00-1:50P	R Perry
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DHE204 Dental Materials**Laboratory \$55 1**

Manipulate permanent and temporary restorative materials, impression material, dental waxes, cements, periodontal dressings, bases and liners. Fabricate mouth protectors, study models, and custom impression trays. Laboratory proficiency in margination of permanent restorative materials. Prerequisites: DAE/DHE203 and Admission to the Dental Assisting or Dental Hygiene Programs or permission of instructor.

1,8	1309 R 124	T	8:30-11:30A	J Rebs
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DHE212 Dental Hygiene Theory II \$110 2

Study of the dental hygiene process of care with emphasis on comprehensive care planning, case presentation, and clinical decision making. Introduction to advanced periodontal instrumentation. Prerequisites: DHE132 and DHE133 and admission to the Dental Hygiene Program. Corequisites: DHE213.

1,7	1311 R 133	R	10:00-11:50AD	Kappes
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Subj. Code	Course Title	*\$	Credits	
Ftnt.	Sect # Bldg/Rm	Days	Time	Instructor

DHE213 Dental Hygiene Clinic II \$800 5

Application of the dental hygiene process of care with emphasis on comprehensive care planning, case presentation, clinical decision making, advanced instrumentation and improved time utilization. Prerequisites: DHE132 and DHE133 and admission to the Dental Hygiene Program. Corequisites: DHE212.

1,4,8	1313 R 145	MW	8:30-5:00P	L Garcia
1,4,8	1315 R 145	MW	8:30-5:00P	D Kappes
1,4,8	1317 R 145	MW	8:30-5:00P	Kurtz-Weidinger

DHE225 Periodontics \$165 3

Principles of periodontology; etiology, microbiology, pathogenesis, classification and characteristics of healthy and diseased periodontal tissues. Surgical treatment of periodontal disease and the effects of dental hygiene therapy, surgical techniques and maintenance therapy. Evaluation of the scientific literature and multi-media resources are used extensively. Prerequisites: Admission to the Dental Hygiene Program or permission of instructor.

1	1319 R 133	R	9:00-9:50A	Kurtz-Weidinger
	R 133	F	8:00-9:50A	

DHE227 Dental Anesthesia \$55 1

A comprehensive lecture and laboratory course providing concepts and techniques for the administration of local anesthetic agents and nitrous oxide. Experience gained in medical history review, record keeping, patient management and hands on experience administering local anesthetics and nitrous oxide in a clinical setting. Prerequisites: DHE119 and current CPR certification.

1,8	1321 R 145	R	2:00-5:00PS	Vandahuvel
1,8	1323 R 145	R	2:00-5:00P	D Kappes
1,8	1325 R 145	R	2:00-5:00P	A Feugate
1,8	1327 R 145	R	2:00-5:00P	E Kaz

DHE227 Dental Anesthesia \$55 1

A comprehensive lecture and laboratory course providing concepts and techniques for the administration of local anesthetic agents and nitrous oxide. Experience gained in medical history review, record keeping, patient management and hands on experience administering local anesthetics and nitrous oxide in a clinical setting. Prerequisites: DHE119 and current CPR certification.

1,7	1329 R 133	F	10:00-10:50A	E Kaz
1	6093 R 124	T	6:00-7:15P	A Feugate
<i>Section 6093 meets 11 weeks 11/29 - 02/28.</i>				

NC 500 DHE Instrument Kit \$1600

4	9016 TBA	TBA	TBA	L Garcia
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Subj. Code	Course Title	*\$	Credits	
Ftnt.	Sect # Bldg/Rm	Days	Time	Instructor

Drafting

Department Chair: Dr. J. Mireles
www.phoenixcollege.edu/departments/dit

DFT121 Introduction To**Architectural Drafting \$190 3**

Emphasis on basic drafting techniques and principles of architectural drafting. Use of basic drafting instruments. Includes lettering, line weights, dimensioning, multiview projection, floor plans, elevations, construction details, and portfolio development. Prerequisites: None.

4	1263 E 201	MW	8:00-10:30A	J Mireles
4	1265 E 202	MW	11:00-1:30P	D Dorr
4	6053 E 201	TR	7:10-9:40P	W Thomas

DFT122 Residential Architectural**Drafting \$190 3**

Principles of architectural design and residential construction. Development and use of schematics, sketches, elevations, plans, and details for designing residential structures using board and/or CAD (Computer Aided Drafting) skills. Prerequisites: (DFT105AA or DFT252AA) and DFT121, or equivalent, or departmental approval.

1,4	1267 E 220	TR	11:00-1:30P	J Mireles
1,4	6055 E 220	TR	7:10-9:40P	E Castro

DFT123 Commercial Architectural**Drafting \$190 3**

Architectural drafting practices, principles of design, and preliminary planning as applied to commercial architecture. Development and use of schematics, sketches, elevations, plans, and details for designing commercial structures using board and/or CAD (Computer Aided Drafting) skills. Application of local building codes, and architectural graphic standards and specifications. Prerequisites: DFT122 or equivalent or departmental approval.

1,4	1269 E 220	TR	11:00-1:30P	J Mireles
1,4	6057 E 220	TR	7:10-9:40P	E Castro

DFT126 Building Trades Blueprint**Reading \$190 3**

Analysis and interpretation of technical drawings common to the construction industry and building trades. Prerequisites: None.

4	6059 E 202	M	7:10-9:40P	J Garrido
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DFT131 Civil Drafting I \$190 3

Preparation of land plats, topographic maps, plans, profiles and sections used in land subdivision, construction, hydrology, structural geology, mining and civil engineering. Photogrammetry, cut and fill calculations, and relation ship of field survey work to the engineering office. Prerequisites: (DFT121 and DFT252AA) or departmental approval.

4	6061 E 220	S	8:00-1:00P	Staff
<i>Section 6061 begins Saturday, August 20.</i>				

Subj. Code	Course Title				*\$	Credits
Fnt.	Sect #	Bldg/Rm	Days	Time		Instructor

DFT221 Architectural Rendering: Pen and Ink, Technical Techniques \$190 3

Two and three dimensional drawing with shades/shadows, landscape, hardscape, finishes, human figures, and architectural entourage in pencil and ink media. Prerequisites: DFT121, or equivalent, or departmental approval.

4 1273 E 201 MW 11:00-1:30P J Mireles

DFT252AA Computer Aided Drafting I: AutoCAD \$190 3

Industrial use of AUTOCAD equipment (hardware and software) in the areas of mechanical, electronic and construction drawings. Prerequisites: DFT110, or DFT121, or departmental permission.

Software used in DFT252AA is AUTOCAD 2004.

1,4 1277 E 220 MW 8:00-10:30A D Dorr
1,4 1279 E 220 TR 8:00-10:30A D Dorr
1,4 6063 E 220 MW 4:30-7:00P W Maerck

DFT254AA Computer Aided Drafting II: AutoCAD \$190 3

Advanced AutoCAD techniques in constructing three-dimensional objects and symbols, dimensioning and text; advanced techniques for projection, rotation, and translation of objects; advanced plotter use. Prerequisites: DFT105AA, or DFT252AA, or equivalent, or departmental approval.

Software used in DFT254AA is AUTOCAD 2004.

1,4 1283 E 220 MW 11:00-1:30P G Eroo
1,4 6067 E 220 MW 7:10-9:40P G Eroo

DFT257AD Architectural CAD: Architectural Desktop \$190 3

Emphasis on the architectural applications of computer aided drafting. Use of computer hardware and software to generate residential working drawings. Focus on floor and foundation plans, elevations, sections, details, schedules, and plotting. Prerequisites: DFT122, or equivalent, or departmental approval.

1,4 6069 E 220 TR 4:30-7:00P P O'Neill

DFT292 The Latest and Greatest for CAD \$80 1

The exploration and comparative analysis of the newest software packages on the market designed to enhance or replace existing CAD(Computer Aided Drafting) software. Prerequisites: DFT105 and DFT254, or permission of the department.

Software used in DFT292 is Softplan.

4 6071 DB 136 S 8:00-12:00P W Thomas
Section 6071 meets 8 weeks 08/27 - 10/15.

DFT298 Special Projects
(See department chair for registration.)

Subj. Code	Course Title				*\$	Credits
Fnt.	Sect #	Bldg/Rm	Days	Time		Instructor

Economics

Department Chair: Dr. A. Celozza
Evening Coordinator: Dr. M. Wilson

ECN111 sections 1369, 1371, 1373, 1375, and 1377 require a \$20.00 course materials fee. No textbook purchase is necessary for these classes.

ECN111 Macroeconomic Principles \$165 3

A descriptive analysis of the structure and functioning of the American economy. Emphasis on basic economic institutions and factors that determine national income and employment levels. Consideration given to the macroeconomic topics of national income, unemployment, inflation and monetary and fiscal policies. Prerequisites: None.

1363 A 105 MWF 10:00-10:50A S Thorpe
1365 A 105 MWF 11:00-11:50A S Thorpe
1367 A 105 MWF 12:00-12:50P S Thorpe
4 1369 A 106 MWF 11:00-11:50AR Bromley
6,4 1371 A 106 MWF 12:00-12:50PR Bromley

Section 1371 Registration takes place in the Honors Office, DB-317.

4 1373 A 106 TR 8:30-9:45A R Bromley
4 1375 A 106 TR 10:00-11:15AR Bromley
4 1377 A 106 TR 11:30-12:45PR Bromley
4 1378 PC WEBCT S Thorpe

Section 1378 PC WEBCT is an online course, see page 122 for complete information.

6133 A 106 MW 5:40-6:55P Staff
6135 A 106 TR 5:40-6:55P Staff
6137 A 106 TR 7:10-8:25P Staff

ECN112 sections 1379 and 1381 require a \$20.00 course materials fee. No textbook purchase is necessary for these classes.

ECN112 Microeconomic Principles \$185 3

Microeconomic analysis including the theory of consumer choice, price determination, resource allocation and income distribution. Includes non-competitive market structures such as monopoly and oligopoly; and the effects of government regulation. Prerequisites: None.

4 1379 A 106 MWF 9:00-9:50A R Bromley
4 1381 A 106 MWF 10:00-10:50AR Bromley
1383 A 105 TR 10:00-11:15A S Thorpe
1385 A 105 TR 11:30-12:45P S Thorpe
4 1387 PC WEBCT S Thorpe

Section 1387 PC WEBCT is an online course, see page 122 for complete information.

6141 A 106 MW 7:10-9:50P Staff
6143 A 111 TR 5:40-6:55P Staff

The degree for future leaders in the housing production industry

Bachelor of Science in Design
with a major in Housing and Urban Development

ASU College of Architecture and Environmental Design
ASU College of Extended Education
presented in partnership
with Maricopa Community Colleges

This degree is dedicated to education in design, development, and production of high-quality, affordable housing. Many courses at the Maricopa Community Colleges easily transfer to this Arizona State University degree program. Classes are held primarily at the Downtown Center at ASU; some courses may be available at other locations and via cable television. The BSD-HUD students are admitted competitively to the professional program.

For more information contact the faculty advisor:
Debra Dorr, Phoenix College (602) 285-7529



Education

Department Chair: Dr. A. Celozza
Evening Coordinator: Ms. O. Cañez

EDU221 Introduction to Education \$165 3

Overview of education and educational institutions in our society, including current issues, responsibilities, and qualifications of educators. Opportunity for students to assess their interest in this area. Prerequisites: None. Requires minimum of 30 hours of field experience in elementary or secondary classroom environment.

1397 C 324 TR 10:00-11:15A O Cañez
6155 C 204 TR 5:40-6:55P Staff

Computers in Education Learning Community

The following sections of CIS105 and EDU221 require that students enroll in the 6 credit "Computers in Education Learning Community." For additional information see inside back cover page.

CIS105 Survey of Computer Information Systems \$180 3

1,4,8 0954 B 323 M 11:00-11:50A L Offenberg
B 308 W 11:00-11:50A
B 328 F 11:00-11:50A

EDU221 Introduction to Education \$165 3

1,8 1395 C 205 MWF 10:00-10:50A O Cañez

Subj. Code	Course Title	*\$	Credits
Ftnt.	Sect # Bldg/Rm	Days	Time
1399 J 102	MWF	11:00-11:50A	Staff
1401 A 110	MWF	12:00-12:50P	Staff
6157 F 120	T	7:10-9:50P	Staff

EDU222 Introduction to the Exceptional Learner \$165 3

Overview of the exceptional learner, one who differs from the average or normal, with emphasis on factors relating to current practices, identification, characteristics, and educational adaptations. Issues related to mildly disabled, severely disabled, emotionally and behaviorally disordered, mentally retarded, and gifted students. Includes school-based practicum. Prerequisites: None.

1399 J 102	MWF	11:00-11:50A	Staff
1401 A 110	MWF	12:00-12:50P	Staff
6157 F 120	T	7:10-9:50P	Staff

EDU230 Cultural Diversity in Education \$165 3

Examination of the relationship of cultural values to the formation of the child's self-concept and learning styles. Examination of the role of prejudice, stereotyping and cultural incompatibilities in education. Emphasis on preparing future teachers to offer an equal educational opportunity to children of all cultural groups. Prerequisites: None.

1405 B 123	MW	12:00-1:15P	R Walker
1407 C 324	TR	11:30-12:45P	O Cañez
6159 DB 225	W	7:10-9:50P	Staff
6161 A 110	R	7:10-9:50P	Staff

EDU271 Phonics Based Reading and Decoding \$165 3

Overview of research, curricular content, and instructional practices associated with Research Based Systematic Phonics Instruction (RBSPI) and other methods for teaching reading. Emphasis on methods mandated by Arizona legislation. Covers the history of written language, alphabetic reading and writing systems, and implementation of effective methods for reading instruction. Approved school-based practicum required. Prerequisites: None.

1409 TBA	TR	10:00-11:15A	Staff
6162 A 105	R	7:10-9:50P	Staff

EDU282AA Vol Education:Service Learning Exp \$55 1

Service-learning field experience within educational systems, citizen advocacy groups, and human service organizations/agency. May be repeated for a total of six (6) EDU282 credit hours; may not repeat specific agency assignment for more than three (3) credit hours. Standard grading available according to procedures outlined in catalog. Prerequisites: Permission of instructor.

1	1411 TBA	TBA	TBA	O Cañez
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EDU282AB Vol Education:Service Learning Exp \$110 2

Service-learning field experience within educational systems, citizen advocacy groups, and human service organizations/agency. May be repeated for a total of six (6) EDU282 credit hours; may not repeat specific agency assignment for more than three (3) credit hours. Standard grading available according to procedures outlined in catalog. Prerequisites: Permission of instructor.

1	1413 TBA	TBA	TBA	O Cañez
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EDU282AC Vol Education:Service Learning Exp \$165 3

Service-learning field experience within educational systems, citizen advocacy groups, and human service organizations/agency. May be repeated for a total of six (6) EDU282 credit hours; may not repeat specific agency assignment for more than three (3) credit hours. Standard grading available according to procedures outlined in catalog. Prerequisites: Permission of instructor.

1	1415 TBA	TBA	TBA	O Cañez
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EDU291 Children's Literature \$165 3

Review of folk and modern literature from a variety of world cultures, including application of literary criteria to folk and modern literature for children. Prerequisites: None.

1417 B 103	MW	11:00-12:15P	Staff
6163 C 206	M	5:40-8:20P	Staff

EDU292 *The Art of Storytelling* is also offered as STO292 (see page 119) and HUM292 (see page 95).

EDU292 The Art of Storytelling \$165 3

Explore the art and origin of storytelling. Provide a variety of storytelling techniques, styles and exercises to enhance the delivery of telling stories. Assist in the integration and application of storytelling to the learning environment in the classroom. Prerequisites: None.

1418 H 105	TR	10:00-11:15A	C Bolton
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EDU296WC Cooperative Education \$165 3

Work-college experiences that involve the combined efforts of educators and employers to accomplish an outcome related to the career objectives of the students. Prerequisites: Completion of at least twelve (12) college credits, minimum 2.6 grade point average, and be able to obtain a position related to student's academic or career goals (student's present job may qualify); or permission of instructor. Corequisites: Must be concurrently enrolled in at least one class which is related to student's major or career interest or with permission of the instructor.

1	1419 TBA	TBA	TBA	O Cañez
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Emergency Medical Technology

Department Chair: Dr. K. Lewis
Program Director: Mr. G. McDaniel

All Emergency Medical Technology students must be advised by EMT/FSC advisors. For information, call 602-285-7207. If for any reason, it is necessary to withdraw from a short-term EMT course, please contact Admissions and Records. Failure to do so BEFORE the course begins will result in "no credit" and "no refund".

EMT101 is restricted to EMT104 students only.

EMT101 Cardiopulmonary Resuscitation/Basic Cardiac Life Support \$38 .5

Designed to train students in the skills of cardiopulmonary resuscitation to include mouth-to-mouth, mouth-to-mask, and cardiac compression, stabilization of adult, infant, and child victims with airway obstruction, respiratory, and cardiac arrest. Prerequisites: None.

1,4,8	1443 PSB 20	F	9:00-5:30P	B Singer
Section 1443 meets 1 day 08/12.				
1,4,8	6181 PSB 16	S	9:00-5:30P	B Singer
Section 6181 meets 1 day 08/06.				
1,4,8	6183 PSB 17	S	9:00-5:30P	B Singer
Section 6183 meets 1 day 08/13.				

All EMT104 students must have a documented Reading score of at least 41 (ASSET) or 81 (COMPASS) PRIOR to registration. All EMT104 students must complete one of the following PRIOR to the first day of class: EMT101 or American Heart Association Health Care Provider CPR course or American Red Cross or ASHI, Professional Rescuer CPR course or National Safety Counsel Green Cross Professional Rescuer CPR course. No other course cards will gain entry into the EMT104 course.

CPR validation must be in force up to and including June 30, 2006. Students who successfully complete EMT104 and apply for A-DHS B-EMS certification shall maintain current CPR status for the duration of their certification.

All EMT104 students must have proof of history of having Varicella (chicken pox), history of immunity or immunization to Rubella (German Measles) or Rubella (measles), an annual TB screen and a physical examination. Physical and immunization history forms will be provided at time of advisement.

ALL READING, CPR, and PHYSICAL REQUIREMENTS MUST BE MET, AND DOCUMENTATION IN THE EMT/FSC OFFICE BY THE FIRST DAY OF CLASS OR THE STUDENT WILL BE WITHDRAWN.

All EMT104 students, in addition to attending all regularly scheduled classes, 3 weekend seminar/workshops (TBA), and earning satisfactory completion of all skills, must complete 16 hours of emergency room duty with satisfactory evaluations at assigned hospitals. National Registry Certification Examination may be made available to EMTs with satisfactory completion of EMT104. Seminar dates will be provided during advisement.

Subj. Code	Course Title	*\$	Credits
Fnt.	Sect # Bldg/Rm	Days	Time

EMT104 Basic Emergency Medical Technology \$465 8

Techniques of emergency medical care in accordance with national and state curriculum. Study of the human body, patient assessment, treatment of medically or traumatically compromised patients, special hazards, and medical operations. IV monitoring, Sudden Infant Death Syndrome (SIDS), patient-assisted medication administration, automated external defibrillators, and blood-glucose monitoring. Includes participation in two eight-hour clinical rotations through a local emergency department scheduled during the semester outside normal class hours. Requires personal pocket mask, stethoscope, pen light, and trauma scissors. Prerequisites: Must be at least 18 years of age prior to applying to the BLS (Basic Life Support) Training Program per Arizona Revised Statutes, and must have a current Cardio Pulmonary Resuscitation certification from the American Heart Association, American Red Cross, or other equivalent organization at the Healthcare Provider Level, meeting the new Guidelines 2002. Minimum ninth grade level read

1,4,8	1451 PSB 15	MW	9:00-11:55A	P Martin
1,4,8	1455 PSB 15	TR	9:00-11:55A	D Sanchez
1,4,8	6191 PSB 15	MW	4:00-6:55P	B Toliver
1,4,8	6197 PSB 15	MW	7:00-9:55P	S Sparks
1,4,8	6201 PSB 15	TR	4:00-6:55P	J Reed
				C Markoff
1,4,8	6203 PSB 24	TR	7:00-9:55P	B Burgess
1,4,8	6205 PSB 15	TR	7:00-9:55P	P Sembach

EMT116 Emergency Medical Communications (EMD) \$103 1.5

Designed to educate and train individuals as the emergency link among the community, health care providers, and law enforcement agencies. Comprehensive program to educate and train in procedures of communications, interrogation, assessment, and deployment. Includes interactive computer lab and scheduled observation with assignment at a dispatch center. Prerequisites or Corequisites: EMT101, or HLR101, or any current American Red Cross, or CPR for the Professional Rescuer, or American Heart Association Basic Life Support Health Care Provider validation.

1,4	1461 PSB 18	TR	9:00-5:30P	D Wiseman
	<i>Section 1461 meets 2 weeks 12/03 - 12/11.</i>			

EMT120 Spanish For Emergency-Care Providers \$75 1

Participative course for prehospital and other emergency-care providers. Vocabulary, pronunciations, voice inflections, phrases, conversational terms, and methods of interviewing the ill or injured victim. Cultural information to facilitate approach and interaction with the victim, family, and/or significant other. Documentation of the interview content on the prehospital encounter form. Prerequisites: Certified EMT or licensed medical personnel.

1,4	6209 PSB 16	M	6:00-8:00P	P Johnson
	<i>Section 6209 meets 10 weeks 10/10 - 12/12.</i>			

Subj. Code	Course Title	*\$	Credits
Fnt.	Sect # Bldg/Rm	Days	Time

EMT200 Refresher Course for Certified Emergency Medical Technicians \$145 2

Designed to meet National and Arizona Department of Health Services (A-DHS) recertification for EMTs. Enhances the knowledge base of the Emergency Medical Technician (EMT) and reinforces basic skills competencies. Prerequisites: Current basic EMT certification or permission of department.

1,4	6221 PSB 15	SU	9:00-5:30P	D Sanchez
	<i>Section 6221 meets 4 days 09/10, 09/11 & 09/17, 09/18.</i>			
1,4	6223 PSB 15	SU	9:00-5:30P	D Sanchez
	<i>Section 6223 meets 4 days 10/01, 10/02 & 10/08, 10/09.</i>			
1,4	6225 PSB 15	SU	9:00-5:30P	D Sanchez
	<i>Section 6225 meets 4 days 11/05, 11/06 & 11/12, 11/13.</i>			
1,4	6227 PSB 15	SU	9:00-5:30P	D Sanchez
	<i>Section 6227 meets 4 days 12/03, 12/04 & 12/10, 12/11.</i>			

EMT201 Interactive Basic EMT Refresher \$80 1

Designed to contribute to Arizona Department of Health Services recertification requirements for Emergency Medical Technicians (EMT) according to the US Department of Transportation (DOT) EMT-Basic National Curriculum and the Arizona Basic EMT Refresher Curriculum Guidelines. Enhances the knowledge base of the EMT. Updates a wide variety of subjects including respiratory and cardiac emergencies, and interaction with advanced life support providers. Prerequisites: Current Basic Life Support EMT certification in the state of Arizona and successful completion of 16 hours of interactive media with documented pre-test and post-test validation.

1,4	6251 PSB 15	SU	9:00-5:30P	D Sanchez
	HYBRID			
	<i>Section 6251 meets 7 weeks 08/31 - 10/09, students will be required to attend class on 10/08 and 10/09. PC WEBCT is part of this course. For internet instructions see page 122.</i>			
1,4	6253 PSB 15	SU	9:00-5:30P	D Sanchez
	HYBRID			
	<i>Section 6253 meets 7 weeks 09/30 - 11/09, students will be required to attend class on 11/08 and 11/09. PC WEBCT is part of this course. For internet instructions see page 122.</i>			
1,4	6255 PSB 15	SU	9:00-5:30P	D Sanchez
	HYBRID			
	<i>Section 6255 meets 7 weeks 10/31 - 12/11, students will be required to attend class on 12/10 and 12/11. PC WEBCT is part of this course. For internet instructions see page 122.</i>			

EMT235 Emergency Cardiac Care \$185 3

Designed to acquaint all levels of emergency care providers with basic electrocardiographic (ECG) rhythm analysis and interpretation and related care in a clinical and prehospital setting. Required content for the identification and treatment of cardiac emergencies. Prerequisites: EMT/FSC104 or permission of instructor.

1,4	1521 PSB 20	T	12:00-3:00P	K Lewis
1,4	1523 PSB 20	W	3:00-5:50P	K Lewis

Subj. Code	Course Title	*\$	Credits
Fnt.	Sect # Bldg/Rm	Days	Time

EMT236 Pharmacology in an Emergency Setting \$185 3

Designed for the Emergency Medical Technician dealing with the administration of emergency medications in the field as outlined in current paramedic legislation. In-depth coverage of medications enumerated in the algorithms of patient care as defined by the American Heart Association (AHA), Advanced Cardiac Life Support (ACLS). Coverage of medications that interact or interfere with the AHA ACLS algorithms. Indications, therapeutic effect, contraindications, toxicology, and side effects to medications. Prerequisites: EMT/FSC104 or permission of instructor. MAT082 or equivalency suggested but not required.

1,4	1527 PSB 20	W	12:00-2:55P	B Dotterer
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EMT238 Vehicular Extrication and Patient Stabilization \$135 2

Participative course designed for the Emergency Medical Technicians (EMT). Incorporates new knowledge and skills necessary to access, extricate, and care for victims of crash incidents. Provides exposure to scene management, including size-up, disentanglement, victim stabilization for single and multi-victim situations, hazardous materials incidents, integration of local emergency medical services (EMS) for patient assessment and management, and standard operating procedures to selected victim scenarios. Prerequisites: Basic EMT certification, current enrollment in an EMT-Basic program, nurse with emergency department experience, or law enforcement personnel, or permission of instructor.

1,4	6231 PSB 16	SU	9:00-5:30P	K Johnson
				J Reed
	<i>Section 6231 meets 4 days 10/29, 10/30 & 11/05, 11/06.</i>			

EMT240 & EMT241: Strong knowledge of basic EKG rhythm identification is recommended. Proof of BLS Health Care provider ('C' Level) validation required on the first day of class. AZNA continuing education credit is available.

EMT240 Advanced Cardiac Life Support \$135 2

Didactic and psychomotor skills training and validation in techniques of Advanced Cardiac Life Support according to the 1994 Standards and Guidelines of the American Heart Association. Includes endotracheal intubation, ECG arrhythmia recognition, synchronized, unsynchronized and automated defibrillation, cardiovascular pharmacology, and electronic pacemaker. For all health-care related professionals, clinical and prehospital. Prerequisites: Current American Red Cross or American Heart Association Basic Life Support Health Care Provider validation, or National Safety Council Green Cross Professional Rescuer, EMT235, EMT236, or permission of instructor.

1,4	6239 PSB 18	T	5:00-10:00P	Staff
	<i>Section 6239 meets 6 weeks 10/18 - 11/22.</i>			

Subj. Code	Course Title	*\$	Credits
Fnt.	Sect # Bldg/Rm		Instructor

EMT241 is designed for current ACLS providers functioning in critical care." ALS prehospital or emergency setting who require retraining. Proof of CURRENT BLS Health Care Provider and CURRENT ACLS Provider validation is required on the first day of class.

EMT241 Adv Cardiac Life Support Refresher \$53 .5

Designed for all levels of emergency medical technicians, nurses, physicians, and physicians' assistants to assure maintenance of didactic and psychomotor skill training in techniques of Advanced Cardiac Life Support according to the 1994 Standards and Guidelines of the American Heart Association. Includes endotracheal intubation, ECG arrhythmia recognition, synchronized, unsynchronized and automated defibrillation, cardiovascular pharmacology, and electronic pacemaker. Prerequisites: Current American Red Cross or American Heart Association Basic Life Support Health Care Provider validation, current validation in Advanced Cardiac Life Support, EMT240, or permission of instructor.

1,4 1539 PSB 18 M 9:00-5:30P K Lewis
Section 1539 meets 1 day 11/07.

EMT245 Trauma Management I \$130 2

Designed to instruct prehospital care personnel in the critical skills necessary to manage the trauma victim and the emergency scene through the Incident Command System (ICS). Enhances basic emergency medical technology (EMT) skills by focusing on emergency care interventions. Provides exposure to victim assessment, initial treatment, resuscitative techniques, victim stabilization, transportation of the victim to an emergency care facility, and documentation. Prerequisites: Basic EMT certification or nurse with emergency room experience, or permission of department.

1,4 6237 PSB 16 SU 9:00-5:30P K Johnson
PSB 16 F 4:00-12:00A
PSB 16 S 10:00-6:00P
Section 6237 meets 2 weeks 12/10 - 12/17.

EMT255AA Instructional Strategies For EMT Occupations \$75 1

Participative course to prepare all levels of EMT and/or nurses as instructors in EMT programs. Includes writing objectives, preparing class and course schedules, reviewing Arizona Department of Transportation Rules and Regulations, preparing for lecture, developing and using AV (audio visual) aides, processing assignments and exams, classroom discipline, counseling, and student/instructor evaluation methods. Prerequisites: Arizona Department of Health Services certification as a Basic EMT, or Intermediate EMT, or Advanced EMT (Paramedic), or Arizona registered nurse with two-years experience in emergency nursing.

1,4 6240 PSB 20 SU 9:00-5:30P B Dotterer
Section 6240 meets 2 days 11/05 & 11/06.

Subj. Code	Course Title	*\$	Credits
Fnt.	Sect # Bldg/Rm		Instructor

EMT255AB Advanced Cardiac Life Support Instructional Strategies \$75 1

A participative course to prepare advanced EMTs (Paramedics), physicians, and/or nurses as instructors in Advanced Cardiac Life Support courses. Includes American Heart Association Standards and guidelines, teaching and testing skills, writing objectives, preparing class and course schedules, preparing for lectures, developing and using audio visual (AV) aides; processing assignments and exams, classroom discipline, counseling, and student/instructor evaluation methods. Successful completion qualifies individual to teach Advanced Cardiac Life Support Classes. Prerequisites: Current certification as Advanced Cardiac Life Support Provider and (State of Arizona EMT [Paramedic] certification or Arizona Registered Nurse or licensed physician).

1,4 6241 PSB 20 FS 9:00-5:30P B Dotterer
Section 6241 meets 2 days 10/15 & 10/16.

EMT255AD Basic Cardiac Life Support Instructional Strategies \$48 .5

A participative course to prepare instructors in Basic Life Support (CPR) courses. Includes American Heart Association Standards and guidelines, teaching and testing skills, classroom discipline, counseling, and student/instructor evaluation methods. Successful completion qualifies individual to teach Basic Life Support (CPR) classes according to American Heart Association Standards. Prerequisites: Current certification as a Basic Life Support Health Care Provider level, EMT101 or HLR101, or equivalent.

1,4 1550 PSB20 F 9:00-5:30P C Terracciano
Section 1550 meets 1 day 09/23.

EMT255AE Emergency Medical Technician Skills Examiners \$53 .5

Overview of roles and responsibilities for Emergency Medical Technician (EMT) skills identified in the USDOT Basic Life Support Curriculum, USDOT EMT-Intermediate Curriculum, and USDOT Paramedic National Standard Curriculum. Includes principles of adult learning, EMT skills benchmarks and critical criteria, evaluation principles and methods, skills station management, skills examination policies, and documentation of skills performance. Prerequisites: Arizona Department of Health Services (A-DHS) certification as an EMT-Basic, EMT-Intermediate, Paramedic, or Arizona registered nurse with two years' experience in emergency nursing.

1,4 1549 PSB 20 FS 9:00-5:30P B Dotterer
Section 1549 meets 2 days 11/11 & 11/12.

Subj. Code	Course Title	*\$	Credits
Fnt.	Sect # Bldg/Rm		Instructor

English

Department Chair: Dr. N. Matte

Creative Writing

Program Director: Ms. K. Cross

Please note: This is a tentative schedule, subject to change. Students interested in applying to the creative writing certificate program and those seeking further information about creative writing at Phoenix College should contact Kate Cross at 602-285-7468.

CRW120 Introduction to Writing Children's Literature \$165 3

Overview of writing children's literature. Emphasis on genres and standards for quality. Development of techniques in reading, evaluating, writing, revising, and editing literature written for children. Prerequisites: None.

1153 DB 201 TR 11:30-12:45P L Miller

CRW150 Introduction to Creative Writing \$165 3

Introduces the student to elements and techniques of creative writing in a variety of genres; teaches terminology and concepts needed for successful participation in writing workshops; facilitates writing practice and evaluation; offers individual guidance on the student's development as a writer. Prerequisites: None.

1155 C 116 MW 11:00-12:15P K Cross
1157 B 105 TR 10:00-11:15A Staff
5963 OSW101 M 6:00-8:40P C Flynn

CRW160 Introduction to Writing Poetry \$165 3

Prewriting (invention and discovery); writing; analyzing and evaluating (in workshop); and revising to practice manipulating various elements of poetry, critique one's own and the poetry of others, and produce a portfolio of finished, marketable poems. Prerequisites: None.

5965 OSW102 T 6:00-8:40P J Berlin

CRW170 Introduction to Writing Fiction \$165 3

Practice in writing fiction through a process of prewriting (invention and discovery), writing, analysis and evaluation (in workshop), and revision; practice in manipulating various elements and forms of fiction; production of marketable quality short fiction. Prerequisites: None.

5967 OSW102 M 6:00-8:40PB Chancellor

CRW180 Introduction to Writing Nonfiction \$165 3

Practice in writing creative nonfiction, including autobiography and biography, the essay, reviews, and humor using a process of invention and discovery, writing, analysis, evaluation, and revision. Combines lecture, discussion, and workshop, leading to the production of marketable quality creative nonfiction. Prerequisites: None.

5969 C 206 T 6:00-8:55P Rohlk-Pfeiffer
Section 5969 meets 14 weeks 08/23 - 11/22.

Subj. Code	Course Title		*\$	Credits	
Fnt.	Sect #	Bldg/Rm	Days	Time	Instructor

CRW190 Introduction to Screenwriting \$165 3

Overview of screenwriting elements; introduction to screenwriting techniques. Prerequisites: None. CRW150 recommended but not required.

5971	OSW102	R	6:00-8:40P	M Viquesney
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CRW200 Readings for Writers \$55 1

Analysis and evaluation of selected readings to raise an individual's level of writing using print and online reference materials and resources; selection of important texts and research techniques to compose and annotate a reading list in areas of interest. May be repeated for a total of six (6) credits. Prerequisites: CRW150 or permission of instructor.

1161	TBA	TBA	TBA	Staff
4	1163	PC WEBCT		L Herring
Section 1163 PC WEBCT is an online course, see page 122 for complete information.				
1165	TBA	TBA	TBA	L Miller
1169	TBA	TBA	TBA	P Zaccardo

CRW201 Portfolio \$55 1

Methods for selecting work and compiling a portfolio of creative writing. Prerequisites: Acceptance to Creative Writing(CRW) program, completion of nine (9) credit hours of CRW course work, or permission of Program Coordinator.

1175	TBA	TBA	TBA	Staff
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CRW204 Journaling \$165 3

Studio course focusing on journal writing. Prerequisites: CRW150 or permission of instructor.

5975	OSW203	R	6:00-8:40P	S Meyn
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CRW242AD Writing Studio Workshop I: Magical Realism \$120 2

Studio course focusing on using magical realism in writing. In class and on-line discussions, exercises, and analysis of published works of magical realism. Dynamic on-line discussion groups help maintain the unique energy and magic established during in-class sessions. Prerequisites: None.

In class meetings: Fridays, 09/16, 10/21, and 12/02 from 6-9pm. All else on-line through WEBCT.

4	5977	OSW105	F	6:00-9:00P	L Herring
HYBRID					
Section 5977 meets 12 weeks 09/16 - 12/02.					

CRW252AB Writing Studio Workshop II: Point of View \$165 3

Studio course focusing on point of view; prewriting, writing, analysis, evaluation, and revision; experimentation with using different points of view; students may work in any genre. Prerequisites: Acceptance to the Creative Writing program or permission of the program coordinator.

5979	OSW101	R	6:00-8:40P	C Flynn
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CRW261 Topics in Writing: Poetry: Contemporary American Poetry \$165 3

This class will combine an exploration of published contemporary American poetry and writing original work, looking at the different "schools" of poetry from an exploratory perspective and asking what distinguishes contemporary strategies/philosophies of poetry. Prerequisites: None.

5981	OSW102	W	6:00-8:40P	S Vap
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CRW271 Topics in Writing: Fiction: Writing the Science Fiction Story \$165 3

Introduces the student to the elements and techniques of writing the science fiction story; reinforces terminology and concepts for successful participation in writing workshops; facilitates writing practice, evaluation, and revision in the writing of the science fiction story; offers individual guidance on the student's development as a writer. Pre-requisites: None. CRW 150 recommended but not required.

5983	OSW105	W	6:00-8:40P	J Sallis
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CRW271 Topics in Writing: Fiction: Advanced Fiction Intensive \$175 3

An intensive writing experience which takes place over two weekends. Students are given the opportunity for immersion in their novel or story series, while also provided with instructor guidance and support from students in small groups. Prerequisites: CRW170 or permission of instructor. Students should come to class with a project (novel, story collection, etc.) conceived or in progress. All students must have access to e-mail.

Meets two weekends: Friday, 08/26, 6-10pm and Saturday, 08/27, 8-4pm and Friday, 12/09, 6-10pm and Saturday, 12/10, 8-4pm. All else on-line through WEBCT.

4	5985	OSW102	F	6:00-10:00P	L Herring
		OSW102	S	8:00-4:00P	
HYBRID					

CRW273 Writing the Novel \$175 3

Semester 2 of 3 semester Novel series. Provides the beginning novelist with structure, support, and guidance vital to sustained writing; focus on establishing goals and using critique sessions with instructor and peers to draft a novel; open- and topic-focused in-class forums. Prerequisites: CRW272 or permission of instructor.

Meets four Saturdays: 08/20, 09/17, 10/22, and 12/03, 9-2pm. All else on-line through WEBCT.

4	5987	OSW105	S	9:00-2:00P	L Herring
HYBRID					
Section 5987 begins Saturday, August 20.					

CRW274 Revising the Novel \$165 3

Semester 3 of 3 semester Novel series. Studio course workshop format. Requires a complete novel finished, in manuscript, ready for revision and polishing. Prerequisites: CRW273 or permission of instructor.

5989	OSW202	M	6:00-8:40P	J Sallis
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English

ENG061 Basic Writing Skills \$165 3

Emphasis on basic writing skills, including grammar and mechanics necessary to write clear and correct sentences in paragraphs. Prerequisites: Appropriate English placement test score, or ENG056 with a grade of "C" or better, or permission of department/division chair.

1	1583	B 125	MWF	8:00-8:50A	Staff
1	1585	B 106	MWF	9:00-9:50A	Staff
1	1587	B 103	MWF	10:00-10:50A	J Haberman
1	1589	B 102	M	10:00-10:50A	Staff
		B 101	W	10:00-10:50A	
		B 121	F	10:00-10:50A	
1	1591	B 102	MWF	11:00-11:50A	J Haberman
1	1592	J 102	MW	12:00-1:40P	Staff
Section 1592 meets 12 weeks 09/19 - 12/07.					
1	1593	DB 221	TR	8:30-9:45A	Staff
1	1595	J 130	TR	10:00-11:15A	Staff
1	1596	DB 331	TR	11:30-12:45P	L Dowd
1	1597	B 107	TR	12:00-1:15P	Staff
1	6293	B 125	MW	5:40-6:55P	Staff
1	6295	B 102	T	5:40-6:55P	Staff
		B 121	R	5:40-6:55P	

ENG071 Fundamentals of Writing \$165 3

Emphasis on the fundamentals of sentence, paragraph, and multi-paragraph structure. Prerequisites: Appropriate English placement test score, or ENG056 with a grade of "C" or better, or ENG061 with a grade of "C" or better, or permission of department/division chair.

1	1601	B 121	M	8:00-8:50A	Staff
		B 106	WF	8:00-8:50A	
1	1603	B 101	MF	8:00-8:50A	C Westenberg
		B 121	W	8:00-8:50A	
1	1605	B 123	MWF	8:00-8:50A	Staff
1	1607	B 101	MWF	9:00-9:50A	Staff
1	1609	B 102	MF	9:00-9:50A	C Westenberg
		B 121	W	9:00-9:50A	
1	1611	A 202	MWF	10:00-10:50A	Cross
1	1613	B 121	M	10:00-10:50A	Westenberg
		B 102	WF	10:00-10:50A	
1	1615	B 105	MWF	11:00-11:50A	Staff
1	1617	E 215	MWF	11:00-11:50A	Staff
1	1619	DB 224	MW	12:00-2:30P	Staff
Section 1619 meets 8 weeks 08/22 - 10/12.					
1	1621	B 107	MW	12:00-1:40P	Staff
Section 1621 meets 12 weeks 09/19 - 12/07.					
1	1623	B 106	TR	7:00-8:15A	Staff
1	1625	B 102	TR	8:30-9:45A	Staff
1	1627	B 106	T	8:30-9:45A	Staff
		B 121	R	8:30-9:45A	
1	1629	C 116	TR	10:00-11:15A	J Haberman
1	1631	DB 224	TR	10:00-11:15A	P Zaccardo
1	1633	B 121	T	11:30-12:45P	K Cross
		B 106	R	11:30-12:45P	
1	1637	B 102	TR	1:00-3:40P	J Wheeler
Section 1637 meets 8 weeks 08/23 - 10/13.					
1	1639	B 102	TR	1:00-3:40P	L Dowd
Section 1639 meets 8 weeks 10/18 - 12/15.					
1	6301	B 105	MW	5:40-6:55P	Staff
1	6303	B 107	MW	7:10-8:25P	Staff
1	6305	B 121	T	5:40-6:55P	Staff
		C 116	R	5:40-6:55P	
1	6307	B 103	TR	7:10-8:25P	Staff

Subj. Code	Course Title	*\$	Credits
Fnt.	Sect # Bldg/Rm	Days	Time

ENG101 First-Year Composition \$165 3

Standard English writing skills. Emphasis on expository composition. Prerequisites: Appropriate English placement test score or (a grade of "C" or better in ENG071).

1	1651 B 107	MWF	8:00-8:50A	Staff
1	1653 B 102	MW	8:00-8:50A	Staff
	B 121	F	8:00-8:50A	
1	1655 B 105	MWF	8:00-8:50A	Staff
1	1657 B 103	MWF	8:00-8:50A	Staff
1	1659 B 125	MWF	9:00-9:50A	Staff
1	1661 E 217	MW	9:00-9:50A	Staff
	B 122	F	9:00-9:50A	
1	1663 B 103	MWF	9:00-9:50A	Staff
1	1665 B 105	MWF	9:00-9:50A	Staff
1	1667 C 116	MWF	9:00-9:50A	D Pineda
1	1669 B 125	MWF	10:00-10:50A	Staff
1	1671 TBA	MWF	10:00-10:50A	Staff
1	1673 C 320	MWF	10:00-10:50A	D Pineda
1	1675 OSW102	MWF	10:00-10:50A	H John
1	1677 C 116	MWF	10:00-10:50A	L Dowd
6	1679 B 107	MWF	10:00-10:50A	M Mitchell

Section 1679 Registration takes place in the Honors Office, DB-317.

1	1681 B 125	MWF	11:00-11:50A	Richardson
1	1683 DB 331	MWF	11:00-11:50A	Staff
1	1685 H 102	MWF	11:00-11:50A	Staff
1	1687 J 130	MW	11:00-12:40P	Staff

Section 1687 meets 12 weeks 09/19 - 12/07.

1	1689 B 102	MW	12:00-2:30P	H John
				Section 1689 meets 8 weeks 08/22 - 10/12.
1	1691 B 105	MW	12:00-1:15P	D Pineda
1	1693 B 106	MW	12:00-2:30P	H John

Section 1693 meets 8 weeks 10/17 - 12/14.

1	1701 B 103	TR	7:00-8:15A	Staff
1	1703 B 105	TR	8:30-9:45A	Staff
1	1705 B 107	TR	8:30-9:45A	Staff
1	1707 B 125	TR	8:30-9:45A	Staff
1	1709 E 211	TR	8:30-9:45A	H John
6	1711 DB 224	TR	8:30-9:45A	P Zaccardo

Section 1711 Registration takes place in the Honors Office, DB-317.

1	1713 B 102	TR	10:00-11:15A	Richardson
1	1715 DB 331	TR	10:00-11:15A	L Miller
1	1717 DB 330	TR	10:00-11:15A	Staff
1,3	1719 B 125	TR	10:00-11:15A	H John

Section 1719 is specifically designed for American Indian students and requires instructor permission to enroll.

1	1721 F 206	TR	10:00-11:15A	D Pineda
1	1723 K 101	TR	11:30-12:45P	D Pineda
1	1725 B 103	TR	1:00-3:40P	M Etchart

Section 1725 meets 8 weeks 08/23 - 10/13.

1	1727 A 203	MW	1:00-2:15P	L Miller
1	1729 C 116	TR	1:00-3:40P	M Etchart

Section 1729 meets 8 weeks 10/18 - 12/15.

1,4	1733 PC WEBCT			J Haberman
				Section 1733 is an online course, see page 122 for complete information. Students should sign on and contact the instructor as soon as they are registered.

1,4	1735 PC WEBCT			M Etchart
				Section 1735 is an online course, see page 122 for complete information. Students should sign on and contact the instructor as soon as they are registered.

ENG101 First-Year Composition (Cont.) \$165 3

1,4 1737 PC WEBCT Staff
Section 1737 is an online course, see page 122 for complete information. Students should sign on and contact the instructor as soon as they are registered.

1,4 1739 PC WEBCT Staff
Section 1739 is an online course which meets 12 weeks (09/19 - 12/16), see page 122 for complete information.. Students should sign on and contact the instructor as soon as they are registered.

1	6311 B 108	MW	5:40-6:55P	Staff
1	6313 E 115	MW	5:40-6:55P	Staff
1	6315 E 215	MW	5:40-6:55P	D Pineda
1,4	6317 B 122	M	5:40-6:55P	Staff

HYBRID

Section 6317 is a hybrid course meeting online and in the classroom on Mondays.

1	6319 B 105	M	7:10-8:25P	Staff
	B 121	W	7:10-8:25P	
1	6321 B 121	M	7:10-8:25P	Staff
	B 105	W	7:10-8:25P	

1	6325 B 108	TR	5:40-6:55P	Staff
1	6327 B 122	T	5:40-6:55P	Staff
	B 102	R	5:40-6:55P	

1	6329 B 106	T	7:10-8:25P	Staff
	B 121	R	7:10-8:25P	
1	6331 B 105	TR	7:10-8:25P	Staff

ENG102 First-Year Composition \$165 3

Continued development of standard English writing skills. Introduction to research, note taking, organization, and documentation in the preparation and writing of a research paper. Prerequisites: ENG101 with a grade of "C" or better.

1	1741 B 101	TR	7:00-7:50A	Staff
1	1743 B 108	MWF	8:00-8:50A	Staff
1	1745 A 105	MWF	8:00-8:50A	Richardson
1	1747 E 215	MWF	9:00-9:50A	Staff
1	1749 B 107	MWF	9:00-9:50A	Staff
1	1751 B 106	MWF	10:00-10:50A	Staff
1	1753 TBA	MWF	10:00-10:50A	Staff
1	1755 E 116	MWF	11:00-11:50A	Staff
1	1757 B 108	MW	12:00-1:40P	Staff

Section 1757 meets 12 weeks 09/19 - 12/07.

1	1761 C 211	TR	8:30-9:45A	D Richardson
1	1763 B 108	TR	10:00-11:15A	J Wheeler
1	1765 E 211	TR	10:00-11:15A	C Roe
1	1767 B 108	TR	11:30-12:45P	Staff
1	1769 DB 225	TR	12:00-1:40P	Staff

Section 1769 meets 12 weeks 09/20 - 12/08.

1	1771 B 108	TR	1:00-3:40P	Staff
				Section 1771 meets 8 weeks 08/23 - 10/13.
1	1773 B 101	TR	1:00-2:15P	C Roe
1	1775 B 103	TR	1:00-3:40P	J Wheeler

Section 1775 meets 8 weeks 10/18 - 12/15.

1,4 1781 PC WEBCT J Haberman
Section 1781 is an online course, see page 122 for complete information. Students should sign on and contact the instructor as soon as they are registered.

1,4 1783 PC WEBCT Staff
Section 1783 is an online course, see page 122 for complete information. Students should sign on and contact the instructor as soon as they are registered.

ENG102 First-Year Composition (Cont.) \$165 3

1,4 1785 PC WEBCT Staff
Section 1785 is an online course, see page 122 for complete information. Students should sign on and contact the instructor as soon as they are registered.

1,4 1787 PC WEBCT Staff
Section 1787 is an online course, see page 122 for complete information. Students should sign on and contact the instructor as soon as they are registered.

1,4 1789 PC WEBCT Staff
Section 1789 is an online course which meets 12 weeks (09/19 - 12/16), see page 122 for complete information.. Students should sign on and contact the instructor as soon as they are registered.

1	6341 B 101	MW	5:40-6:55P	Staff
1	6343 H 109	MW	5:40-6:55P	Staff
1	6345 B 103	MW	7:10-8:25P	Staff
1	6349 J 130	TR	5:40-6:55P	Staff
1	6351 B 121	T	7:10-8:25P	Staff
	B 106	R	7:10-8:25P	

1,4	6353 B 122	W	5:40-6:55P	Staff
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HYBRID

Section 6353 is a hybrid course meeting online and in the classroom on Mondays.

ENG111 Technical Writing \$180 3

Analysis, planning, organization, research, and writing of technical reports and oral presentations for specific job-related audiences. Preparation of recommendation and feasibility reports, proposals, and applications of graphics in documents and oral presentations. Prerequisites: ENG101 with a grade of "C", or better, or permission of instructor.

4	1999 PC WEBCT			V Simmon
				Section 1999 PC WEBCT is an online course, see page 122 for complete information.

ENG217 Personal and Exploratory Writing \$175 3

Using writing to explore one's self and the world one lives in; emphasis on expository writing as a means of learning. Prerequisites: ENG101 and ENG102.

1,4	2001 B 121	WF	11:00-11:50A	P Zaccardo
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HYBRID

Section 2001 is a hybrid course meeting online and in the classroom on Wednesdays and Fridays.

**HYBRID COURSES**

Hybrids are courses that combine the flexibility of online learning with the in-class meetings of a traditional classroom environment. Class time is divided (usually 50/50) between classroom and online work, giving students the convenience of taking a course with a reduced on-campus time commitment.

Hybrid courses are ideal for the working or busy student who has some knowledge of the internet but still desires the face-to-face instructor interaction provided by a traditional classroom setting.

Subj. Code	Course Title		*\$	Credits	
Fnt.	Sect #	Bldg/Rm	Days	Time	Instructor

English as a Second Language (ESL)

Department Chair: Dr. N. Matte
Program Director: Ms. N. Meyers

ESL courses are for students whose first language is not English. ESL placement test (CELSA) is required before registering. Students should consult the Advisement Center to complete a 12-credit program of study.

Prep Level:

ESL001 Basic English as a Second Language I \$330 6

Listening, speaking, reading, and writing in English at a basic level. Focus on survival skills related to life in the United States. Introduction to elementary grammatical patterns. Prerequisites: None.

1	2051	C 205	MTWR	11:00-12:15P	P Rogers
1	6403	A 201	MTWR	5:40-6:55P	Staff
1	6405	A 202	MTWR	5:40-6:55P	Staff

RDG008 Phonics \$170 3

Designed for students who are learning English as a second language. Includes the study of the speech sounds used in English as represented by the written symbols of the alphabet; recognition of spelling patterns and resulting pronunciation; and diacritical markings. Prerequisites: Reading placement score (ASSET) or permission of instructor.

1,4	4493	J 102	MWF	10:00-10:50A	Staff
1,4	8143	H 209	MW	5:40-6:55P	Staff

Level I:

ESL010 English as a Second Language I: Grammar \$165 3

First level of English as a Second Language (ESL). Emphasis on basic conversational skills, pronunciation, vocabulary building and grammar. Some reading and sentence level writing. Credit (P) or no credit (Z). Standard grading available according to procedures outlined in catalog. May be repeated for a maximum of six (6) credits. Prerequisites: Appropriate ESL placement test score.

1	2053	B 101	MF	10:00-10:50A	N Meyers
		B 121	W	10:00-10:50A	
1	2055	B 103	TR	8:30-9:45A	P Rogers
1	6407	B 121	MW	4:00-5:25P	N Meyers
<i>Section 6407 meets 14 weeks 09/07 - 12/14.</i>					
1	6409	B 108	MW	7:10-8:25P	Staff
1	6411	E 105	MW	5:40-6:55P	Staff
1	6415	B 103	TR	5:40-6:55P	Staff

Subj. Code	Course Title		*\$	Credits	
Fnt.	Sect #	Bldg/Rm	Days	Time	Instructor

ESL011 English as a Second Language I: Listening and Speaking \$165 3

Emphasis on listening and speaking skills involving survival skills. Asking and answering questions related to work, shopping, and personal safety. May be repeated for a maximum of six (6) credits. Prerequisites: Appropriate ESL placement test score or ESL002.

1	2057	B 108	MWF	11:00-11:50A	S Rassas
1	2059	B 103	TR	11:30-12:45P	Staff
1	6417	B 106	MW	5:40-6:55P	Staff
1	6419	A 201	TR	7:10-8:25P	Staff

RDG010 Reading English as a Second Language I \$170 3

Designed for students who are learning English as a second language. Provides students with skills needed to become proficient readers in English. Teaches sound symbol relationships of the English alphabet. Expands essential vocabulary for daily communication both in isolation and context. Includes development of reading comprehension skills. Prerequisites: Appropriate ESL placement test score.

1,4	4497	H 202	MWF	9:00-9:50A	Staff
1,4	4499	H 209	TR	10:00-11:15A	Staff
1,4	8145	H 117	MW	7:10-8:25P	Staff
1,4	8147	H 116	TR	7:10-8:25P	Staff

Level II:

ESL020 English as a Second Language II: Grammar \$165 3

Second level of English as a Second Language (ESL). Continued emphasis on conversational skills, pronunciation, vocabulary building and grammar with some reading and sentence level writing. Credit (P) or no credit (Z). Standard grading available according to procedures outlined in catalog. May be repeated for a maximum of six (6) credits. Prerequisites: Appropriate ESL placement test score, or a grade of "P" or "C" or better in ESL010, or (ESL010AA, ESL010AB, and ESL010AC).

1	2071	B 108	MWF	10:00-10:50A	Staff
1	2073	E 215	MWF	10:00-10:50A	S Rassas
1	2075	B 108	TR	8:30-9:45A	N Matte
1	6421	B 105	MW	4:00-5:25P	S Rassas
<i>Section 6421 meets 14 weeks 09/07 - 12/14.</i>					
1	6423	B 107	MW	5:40-6:55P	Staff
1	6425	B 102	TR	7:10-8:25P	Staff

ESL021 English as a Second Language II- Listening and Speaking \$165 3

Emphasis on listening and speaking skills involving social exchange. Asking and answering questions, using tag questions. Practice with question and answer patterns. Polite questions and responses. May be repeated for a maximum of six (6) credits. Prerequisites: Appropriate ESL placement test score or ESL010 or ESL011 or ESL012 or RDG010.

1	2079	B 101	MWF	11:00-11:50A	Staff
1	2081	E 116	TR	11:30-12:45P	Staff
1	6427	B 122	MW	7:10-8:25P	Staff
1	6429	B 107	TR	5:40-6:55P	Staff

Subj. Code	Course Title		*\$	Credits	
Fnt.	Sect #	Bldg/Rm	Days	Time	Instructor

RDG020 Reading English as a Second Language II \$170 3

Designed for students who are learning English as a second language. Includes continued development of vocabulary and reading comprehension skills. Prerequisites: Appropriate ESL placement test score, or grade of "C" or better in RDG010, or permission of instructor.

1,4	4503	J 102	MWF	9:00-9:55A	Staff
1,4	4505	J 102	TR	10:00-11:15A	Staff
1,4	8153	H 116	MW	5:40-6:55P	Staff
1,4	8155	H 117	TR	5:40-6:55P	Staff

Level III:

ESL030 English as a Second Language III: Grammar \$165 3

Third level of English as a Second Language (ESL). Emphasis on sentence structure and paragraph building. Extensive grammar study and writing practice. Credit (P) or no credit (Z). Standard grading available according to procedures outlined in catalog. May be repeated for a maximum of six (6) credits. Prerequisites: Appropriate ESL placement test score, or a grade of "P" or "C" or better in ESL020, or (ESL020AA, ESL020AB, and ESL020AC).

1	2089	B 107	MWF	11:00-11:50A	L Dowd
1	2091	B 101	TR	8:30-9:45A	J Kimbuende
1	6431	B 101	MW	7:10-8:25P	Staff
1	6435	B 107	TR	4:00-5:25P	Staff
<i>Section 6435 meets 14 weeks 09/06 - 12/15.</i>					
1	6437	B 107	TR	7:10-8:25P	Staff

ESL031 English as a Second Language III- Listening and Speaking \$165 3

Emphasis on listening and speaking skills related primarily to the academic environment. Asking questions, working in small groups, using college resources, informal oral presentation. May be repeated for a maximum of six credits. Prerequisites: Appropriate ESL placement test score or ESL020 or ESL021 or ESL022 or RDG020.

1	2095	C 320	MWF	9:00-9:50A	N Meyers
1	2097	B 107	T	10:00-11:15A	N Meyers
		B 121	R	10:00-11:15A	
1	6441	TBA	MW	5:40-6:55P	Staff
1	6443	B 105	TR	5:40-6:55P	Staff

ESL032 ESL III-Writing with Oral Practice \$165 3

Emphasis on complex sentence patterns in writing and speech. Introduction to the prewriting and writing process in a college setting. May be repeated for a maximum of six (6) credits. Prerequisites: ESL022 or appropriate ESL placement test score.

1,3	2099	C 116	TR	11:30-12:45P	Staff
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Subj. Code	Course Title	*\$	Credits	
Fnt.	Sect # Bldg/Rm	Days	Time	Instructor

RDG030 Reading English as a Second Language III \$170 3

Designed for students who are learning English as a second language. Includes instruction for more advanced vocabulary and reading comprehension skills. Prerequisites: Appropriate ESL placement test score, or grade of "C" or better in RDG020, or permission of instructor.

1,4	4509 H 116	MWF	10:00-10:50A	Staff
1,4	4511 H 117	TR	11:30-12:45P	R Scott
1,4	8159 H 117	MW	5:40-6:55P	Staff
1,4	8161 H 116	TR	5:40-6:55P	Staff

Level IV:

ESL040 English as a Second Language IV: Grammar \$165 3

Fourth-level of English as a Second Language (ESL). Continued emphasis on sentence structure and paragraph building. Extensive grammar study and writing practice. Credit (P) or no credit (Z). Standard grading available according to procedures outlined in catalog. May be repeated for a maximum of six (6) credits. Prerequisites: Appropriate ESL placement test score, or a grade of "P" or "C" or better in ESL030, or (ESL030AA, ESL030AB, and ESL030AC).

1	2105 B 121	M	11:00-11:50A	Kimbuende
	B 106	WF	11:00-11:50A	
1,8	2107 B 121	T	8:30-9:45A	N Meyers
	B 106	R	8:30-9:45A	
1	2109 B 105	TR	11:30-12:45P	S Rassas
1	6445 B 103	MW	5:40-6:55P	Staff
1	6447 B 125	TR	5:40-6:55P	Staff

ESL041 English as a Second Language IV: Listening and Speaking \$165 3

Emphasis on academic skills. Listening to lectures, notetaking, peer interaction, accessing and using media resources, formal oral presentations. May be repeated for a maximum of six (6) credits. Prerequisites: Appropriate ESL placement test score or ESL030 or ESL031 or ESL032 or RDG030.

1	2111 B 108	MWF	9:00-9:50A	P Rogers
1,8	2113 C 329	TR	10:00-11:15A	P Rogers
1	6451 A 102	MW	7:10-8:25P	Staff
1	6453 B 101	TR	7:10-8:25P	Staff

RDG014 Advanced Vocabulary for ESL Speakers (Non-native Speakers) \$170 3

Designed to expand and improve reading vocabulary skills. Emphasis on understanding advanced vocabulary in both context and isolation through practice and review. Vocabulary building strategies which will aid in on-going study of words. Emphasis on both learning and using more advanced vocabulary effectively. Prerequisites: RDG010 with grade of "C" or better, or permission of instructor.

1,4,8	4501 H 117	MWF	9:00-9:50A	C Ortega
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Section 4501 is a learning community course, see inside back cover page for complete information.

Subj. Code	Course Title	*\$	Credits	
Fnt.	Sect # Bldg/Rm	Days	Time	Instructor

RDG040 Reading English as a Second Language IV \$170 3

Developed for students of English as a second language. Includes development of advanced vocabulary, comprehension skills, and culture awareness. Prerequisites: Appropriate ESL placement test score, or grade of "C" or better in RDG030, or permission of instructor.

1,4	4513 H 202	MWF	10:00-10:50A	B Frank
1,4,8	4517 H 116	TR	11:30-12:45P	B Frank

Section 4517 is a Learning Cooperative class, it is strongly suggested to enroll along with ESL040, section 2107 and ESL 041, section 2113.

1,4	8163 H 116	MW	7:10-8:25P	Staff
1,4	8165 H 117	TR	7:10-8:25P	Staff

ESL Level IV - Learning Cooperative

ESL040, ESL041, and RDG040

It is mandatory that Level IV students register for ESL040, section 2107 and ESL041, section 2113. It is strongly suggested that Level IV students also register for RDG040, section 4517. These sections are taught integrating topics and assignments.

CPD102AB Career Exploration \$115 2

Designed to assist students making career choices. Focuses on self-assessment in terms of educational and career opportunities and reasonable possibilities in the world of work. Includes assessment for personal/career interests, values, needs, attitudes, skills, and other potential, and exploration of occupational information to establish career and educational goals. Prerequisites: None.

4	1083 HC 1	MW	11:00-11:50A	M Lowe
4	1085 HC 1	TR	10:00-10:50A	A Villegas
4	5903 TBA	W	5:20-7:05P	B Burns

CPD104 Career and Personal Development \$165 3

An overview of the process of career/life planning through self-awareness and understanding. Focus on specific skill development such as dealing with change, decision making, goal setting and understanding lifestyles. Provides opportunity to evaluate interests, skills and values. Emphasis on the development of a comprehensive career search process which includes current occupational information, specific tools for researching the job market and acquiring employment. Prerequisites: None.

1099	OSW101	TR	10:00-11:15A	Amador
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CPD150 Strategies for College Success \$170 3

Focus on increasing student success through college orientation and personal growth, study skills development, and educational and career planning. Prerequisites: None.

4	1101 H 112	TR	8:30-9:45A	N Navarrete
4	5921 J 102	TR	5:40-7:05P	R Trujillo

Subj. Code	Course Title	*\$	Credits	
Fnt.	Sect # Bldg/Rm	Days	Time	Instructor

Writing Development

ESL067 Basic Writing Skills for English as a Second Language \$165 3

Emphasis on basic writing skills in sentences and short paragraphs using correct, clear, and idiomatic English. Prerequisites: Appropriate English or ESL placement score, or ESL040, or ESL042, or permission of department chair.

1	2131 C 211	MWF	9:00-9:50A	C Roe
1	2132 A 201	MW	12:00-1:40P	Staff

Section 2132 meets 12 weeks 09/12 - 12/16.

1	2133 B 101	TR	10:00-11:15A	S Rassas
1	6459 C 116	MW	5:40-6:55P	Staff
1	6460 B 101	TR	5:40-6:55P	Staff

ESL077 Fundamentals of Writing English as a Second Language \$165 3

Emphasis on writing paragraphs and short essays using correct, idiomatic English. Prerequisites: Appropriate English or ESL placement score, or ESL040, or ENG056, or ENG061, or ESL042, or ESL067, or permission of department chair.

1	2137 B 125	TR	11:30-12:45P	Kimbuende
1	2139 DB 223	MW	12:00-1:40P	L Dowd

Section 2139 meets 12 weeks 09/12 - 12/16.

1	6465 A 101	MW	7:10-8:25P	Staff
1	6467 B 125	TR	7:10-8:25P	Staff

Level V:

ENG107 First-Year Composition for ESL \$165 3

Equivalent of ENG101 for students of English as a Second Language (ESL). Standard American English writing skills and emphasis on expository composition. Prerequisites: Appropriate ASSET/COMPASS placement test score, or a grade of "C" or better in ENG071 or ESL077. Course Note: Taking ESL040 and ESL042 may build skills tested by the ASSET/COMPASS placement.

1	1991 B 105	MWF	10:00-10:50A	C Roe
1	1993 B 121	T	10:00-11:15A	K Cross
	B 107	R	10:00-11:15A	
1	6359 DB 221	MW	5:40-6:55P	Staff

ENG108 First-Year Composition for ESL \$165 3

Equivalent of ENG102 for students of English as a Second Language (ESL). Continued development of standard English writing skills. Introduction to research, note taking, organization and documentation in the preparation and writing of a research paper. Not open to students who have completed ENG101. Prerequisites: Grade of "C", or better, in ENG107.

1	1997 B 122	M	10:00-10:50A	Kimbuende
	E 211	WF	10:00-10:50A	
1	6365 B 102	MW	7:10-8:25P	Staff

Subj. Code	Course Title		*\$	Credits	
Fnt.	Sect #	Bldg/Rm	Days	Time	Instructor

COM120 Pronunciation of American Speech \$165 3

Analysis of American speech production problems due to accents produced by another language, correction of misarticulated American speech sounds, critical listening to sound production, understanding American English speech patterns, practicing American idioms and expressions, and preparing and delivering group and individual speech presentations. Prerequisites: None.

1039	H 105	TR	11:30-12:45P	C Bolton
5861	H 105	MW	4:00-5:15P	C Bolton

Special Interest Topics:

ESL051 Pronunciation Improvement for ESL Speakers \$165 3

Individualized pronunciation practice and drills for English as a second language (ESL) speakers. May be repeated for a maximum of six (6) credits. Prerequisites: None.

1	2121	A 202	TR	10:00-11:15A	Staff
1	6455	E 219	MW	7:10-8:25P	Staff

ESL071 Advanced Pronunciation and Oral Reading for ESL \$165 3

Pronunciation practice and review, spelling of English sounds, and oral reading for stress and intonation patterns in English. Prerequisites: Appropriate ESL placement test score, or a grade of "C" or better in ESL020, or ESL021, or ESL022, or RDG020, or ESL051, or permission of instructor or department. Course Note: May be repeated for a total of six (6) credit hours.

1	2135	C 116	TR	8:30-9:45A	Staff
1	6461	B 126	TR	5:40-6:55P	Staff

OAS101AA Computer Typing I: Keyboard Mastery \$60 1

Incorporates correct touch typing principles. Prerequisites: None.

2,4	4095	B 225	MW	1:00-2:55P	Staff
<i>Section 4095 meets 6 weeks 09/19 - 10/26.</i>					
2,4	8091	B 225	T	6:00-8:45P	S Sherman
<i>Section 8091 meets 10 weeks 09/13 - 11/15.</i>					

OAS103AA Computer Typing: Skill Building I \$60 1

Individual progression on speed/accuracy drills. Prerequisites: Ability to touch type at 25 words per minute or permission of department/division.

2,4	8101	B 225	T	6:00-8:45P	S Sherman
<i>Section 8101 meets 10 weeks 09/13 - 11/15.</i>					

STO292 The Art of Storytelling \$165 3

Explore the art and origin of storytelling. Provide a variety of storytelling techniques, styles and exercises to enhance the delivery of telling stories. Assist in the integration and application of storytelling to the learning environment in the classroom. Prerequisites: None.

4900	H 105	TR	10:00-11:15A	C Bolton
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ESL Open-Entry/Open-Exit Labs

The following classes are offered in text and/or computer format. Computer format (B228) sections carry a \$5.00 lab fee.

ESL013 Vocabulary for ESL I \$55 1

2	2063	LRN CTR	OE/OE	V Simmon
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ESL014 Idiomatic English for ESL I \$55 1

2	2067	LRN CTR	OE/OE	V Simmon
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ESL023 Vocabulary for ESL II \$60 1

2,4	2085	B 228	OE/OE	V Simmon
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ESL033 Vocabulary for ESL III \$60 1

2,4	2101	B 228	OE/OE	V Simmon
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ESL050AA Basic Review Grammar For ESL \$60 1

2,4	2115	B 228	OE/OE	V Simmon
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ESL050AB Intermediate Review Grammar For ESL \$60 1

2,4	2117	B 228	OE/OE	V Simmon
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ESL050AC Advanced Review Grammar For ESL \$60 1

2,4	2119	B 228	OE/OE	OE/OE	V Simmon
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ESL054AA U.S. Culture: History \$55 1

2123	LRN CTR	OE/OE	V Simmon
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ESL054AB U.S. Culture: Institutions and Customs \$55 1

2127	LRN CTR	OE/OE	V Simmon
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ESL054AC U.S. Culture: Sports and Entertainment \$55 1

2129	LRN CTR	OE/OE	V Simmon
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ENG100AA American-English Spelling System \$55 1

1,2	1645	LRN CTR	OE/OE	V Simmon
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ENG100AC The Mechanics of Written English \$60 1

2,4	1647	B 228	OE/OE	V Simmon
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English Humanities

Department Chair: Dr. N. Matte

Courses prefixed by ENH may transfer as English credit or Humanities credit, but not both.

ENH110 Introduction to Literature \$165 3

Introduction to international literature through various forms of literary expression; e.g., poetry, drama, essay, biography, autobiography, short story, and novel. Provides a global overview of literature with special emphasis on diverse cultural contributions of women, African Americans, Asian Americans, Hispanic Americans, and Native Americans. Prerequisites: None.

2009	PSB 27	MWF	11:00-11:50A	Staff
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ENH112 Chicano Literature \$165 3

Introduction to the works of Mexican-American writers of the Southwest. Samples poetry, fiction, and essays viewed in their relationship to American cultural heritage and to contemporary culture. Prerequisites: None.

2011	B 103	TR	10:00-11:15A	M Fernandez
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ENH114 African-American Literature \$165 3

Survey of major African-American writers from Colonial period through the present; analysis of trends and movements within African-American literary history; analysis of literary types and selected works. Prerequisites: None.

2013	B 106	TR	10:00-11:15A	C Westenberg
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ENH117 Rap Literature: The Oral Tradition \$165 3

Survey of selected rap poetry looking at the oral tradition of Africa, the Caribbean, and the United States as precursors to East Coast, West Coast, Southern, North Central, and International development of the genre. Investigation of cultural environments, historical events, competitions (the "battles"), artists' biographies, and parallel art forms as they relate to the analysis of the genre and its themes. Prerequisites: None.

2015	B 126	TR	11:30-12:45P	C Westenberg
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ENH204 Introduction to Contemporary Literature \$165 3

Survey of poetry, fiction, and drama from 1945 to the present. Prerequisites: None.

6	2016	B 106	TR	1:00-2:15P	L Miller
<i>Section 2016 Registration takes place in the Honors Office, DB-317.</i>					

Subj. Code	Course Title	*\$	Credits	
Ftnt.	Sect # Bldg/Rm	Days	Time	Instructor

ENH221 Survey of English Literature Before 1800 \$165 3

Emphasizes the social and political backgrounds as well as the form and content of English literature from Anglo-Saxon times to the end of the eighteenth century. Prerequisites: (ENG101 or ENG107) or equivalent.

2017	A 203	MWF	9:00-9:50A	D Richardson
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ENH235 Survey of Gothic Literature \$165 3

A study of the origins, common elements and characteristics, and historical development of Gothic literature with an exploration of the literary techniques and psychological aspects of the genre. Prerequisites: None.

2019	DB 224	TR	11:30-12:45P	P Zaccardo
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ENH241 American Literature Before 1860 \$165 3

Includes literature written prior to 1860 in the United States. Prerequisites: None.

2021	B 102	TR	11:30-12:45P	Staff
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ENH251 Mythology \$165 3

Deals with the myths and legends of civilizations with the greatest influence upon the development of the literature and culture of the English speaking people, and compares those myths with myths from other cultures. Prerequisites: None.

2023	B 125	MW	12:00-1:15P	M Mitchell
6383	TBA	M	5:40-8:20P	Staff

ENH254 Literature and Film \$180 3

Presents works of literature and their film versions and analyzes distinguishing techniques of each medium. Prerequisites: ENG101 or ENG107, or equivalent.

4	2025	PC WEBCT		M Etchart
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Section 2025 PC WEBCT is an online course, see page 122 for complete information.

4	2027	PC WEBCT		M Etchart
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Section 2027 PC WEBCT is an online course, see page 122 for complete information.

ENH291 Children's Literature \$165 3

Review of folk and modern literature from a variety of world cultures, including application of literary criteria to folk and modern literature for children. Prerequisites: None.

2029	B 103	MW	11:00-12:15P	L Miller
6387	C 206	M	5:40-8:20P	M Mitchell

Subj. Code	Course Title	*\$	Credits	
Ftnt.	Sect # Bldg/Rm	Days	Time	Instructor

Engineering

Department Chair: Mr. D. Speed
Evening Coordinator: Mr. R. Cups

ECE102 Engineering Analysis Tools and Techniques \$110 2

Learning culture of engineering, engineering use of computer tools, and computer modeling as applied to engineering analysis and design. Prerequisites: Two years of high school algebra or MAT122 or departmental approval. Corequisites: MAT151 or MAT182 or MAT187.

1343	E 105	TR	1:00-2:50P	R Cups
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Fashion Design

See Textiles and Clothing (TEC), page 119.

Fashion Merchandising

Department Chair: Mrs. K. Green
Program Director: Mr. D. Sheehan

See Marketing (MKT), page 101.

Fiduciary Practice

Department Chair: Dr. R. Pfefferbaum

FPA101 Principles of Fiduciary Practice \$75 1

Examines the foundations and requirements for fiduciary practice in Arizona including certification. Introduction to office practices, probate, care management, accounting, and decision making. Emphasis on ethical and professional practices. Prerequisites: None.

4	8701	C 206	S	8:00-1:30P	J Noviello
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Section 8701 meets 3 weeks 10/08 - 10/22.

Film Studies

Department Chair: Ms. E. O'Brien

HUM205 Introduction to Cinema \$165 3

Survey of the history and development of the art of motion pictures, including criticism of aesthetic and technical elements. Prerequisites: None.

2823	T 101	MWF	9:00-9:50A	Staff
2825	T 101	TR	8:30-9:45A	Staff
2827	T 101	TR	10:00-11:15A	Staff
2829	T 101	TR	11:30-12:45P	G Burgess
7053	T 101	S	9:00-2:00P	V Tennyson

Section 7053 meets 8 weeks 10/01 - 11/19.

HUM209 Women and Films \$165 3

Analysis of images of women in films from both historical and contemporary perspectives. Prerequisites: None.

6	2833	B 101	MW	12:00-1:15P	P Zaccardo
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Section 2833 Registration takes place in the Honors Office, DB-317.

Subj. Code	Course Title	*\$	Credits	
Ftnt.	Sect # Bldg/Rm	Days	Time	Instructor

HUM210 Contemporary Cinema \$165 3

A study of contemporary films, directors and critics with emphasis on evaluating film as an art form. Prerequisites: None.

2835	T 101	T	1:30-4:00P	Staff
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HUM213 Hispanic Film \$165 3

Analysis of Hispanic film as art form and as social commentary. Prerequisites: None.

7059	J 134	R	4:15-6:55P	V Tennyson
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THE205 Introduction to Cinema \$165 3

Survey of the history and development of the art of motion pictures, including criticism of aesthetic and technical elements. Prerequisites: None.

4905	T 101	MWF	9:00-9:50A	Staff
4907	T 101	TR	8:30-9:45A	Staff
4909	T 101	TR	10:00-11:15A	Staff
4911	T 101	TR	11:30-12:45P	G Burgess
8573	T 101	S	9:00-2:00P	V Tennyson

Section 8573 meets 8 weeks 10/01 - 11/19.

THE210 Contemporary Cinema \$165 3

A study of contemporary films, directors and critics with emphasis on evaluating film as an art form. Prerequisites: None.

4913	T 101	T	1:30-4:00P	Staff
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Fire Science

Department Chair: Dr. K. Lewis
Program Director: Mr. T. Garrison

All Fire Science students must be advised by EMT/FSC advisors. For information call 602-285-7207.

The following nine (9) sections meet on the Phoenix College Campus (Public Service Building).

FSC101 Intro to Fire Service Selection \$185 3

Overview of the application and selection processes utilized by various fire departments and fire service organizations. Elements of fire service culture and their effects on personal growth and interpersonal relationships. Major components of written application processes, requirements, preparation of resumes and their effect on employment prospects. Preparation for the interview to include communications skills, mental preparation techniques, behaviors, and the importance of the interview in the pre-employment process. Preparation for inside experiences at a fire station. General components of the selection process, the importance of general education, and components of life long learning in career choices. Prerequisites: None.

1,4	6563	PSB 20	M	5:00-7:30P	R Martinez
1,4	6565	PSB 20	T	5:00-7:30P	R Martinez

Subj. Code	Course Title	*\$	Credits
Fnt.	Sect # Bldg/Rm	Days	Time

FSC105 Hazardous Materials/ First Responder \$185 3

Basic methods of recognition and identification based upon the chemical and physical properties of hazardous materials; basic safety procedures when utilizing specific types of protective clothing and equipment; basic tactical information relating to scene management. Confined space operations in accordance with the National Fire Protection Agency. Prerequisites: None.

1,4	6569 PSB 20	F	4:00-10:00P	C Scheuch
	PSB 20	SU	9:00-5:30P	
<i>Section 6569 meets 6 days 11/04, 11/05, 11/06 & 11/11, 11/12, 11/13.</i>				

FSC106 is not recommended for students who have previously completed the Phoenix Fire Department Academy.

FSC106 Introduction to Fire Protection \$185 3

History and evaluation of fire department organization. Role of the fire service in the community. Responsibilities of the fire administrator including organization, departmental functions, interdepartmental relationships, management of buildings and equipment; techniques of fire-fighting. Also includes emergency medical services and fire prevention. Prerequisites: None.

4	6571 PSB 18	M	7:40-10:10P	Staff
4	6573 PSB 18	T	7:40-10:10P	Staff

FSC113 Introduction to Fire Suppression \$185 3

Characteristics and behavior of fire, fire hazard properties of ordinary materials, extinguishing agents, fire suppression organization and equipment, basic fire fighting tactics, and public relations as affected by fire suppression. Prerequisites: None.

4	6575 PSB 18	W	7:40-10:10P	K Kalkbrenner
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FSC118 Fire Hydraulics \$190 3

Review of basic mathematics. Hydraulic laws and formulas as applied to the fire service. Application of formulas and mental calculations to hydraulic problems, water supply variables, and discharge requirements for pumpers. Prerequisites: None.

1,4	6577 PSB 20	F	4:00-10:00P	T Arthur
	PSB 20	SU	9:00-5:30P	
<i>Section 6577 meets 6 days 09/09, 09/10, 09/11 & 09/16, 09/17, 09/18</i>				

FSC202 Supervisory Training for Firefighters \$175 3

Administrative methods applied to the fire service, departmental organization, and personnel management. Includes fire alarm signaling systems, fire service planning, and relationships with other city departments. Prerequisites: None.

1,4	6585 PSB 18	W	5:00-7:30P	D Segebarth
1,4	6587 PSB 18	R	5:00-7:30P	D Segebarth

Subj. Code	Course Title	*\$	Credits
Fnt.	Sect # Bldg/Rm	Days	Time

FSC214 meets at the Phoenix Fire Training Management Center, located at 2625 South 17th Avenue, Phoenix.

FSC214 Human Resource Management in Fire Service \$173 3

Management of fire service personnel functions. Includes selection procedures, employee discipline, performance ratings, elements of supervision. Labor relations and related personnel responsibilities. Prerequisites: FSC202 or four years in the fire service.

1,4	6601 PSB 20	F	4:00-10:00P	S Kreis
	PSB 20	SU	9:00-5:30P	
<i>Section 6601 meets 6 days 09/09, 09/10, 09/11 & 10/14, 10/15, 10/16.</i>				

The four (4) sections listed below meet at the Phoenix Fire Training Academy (FTA), formerly the Emergency Services Institute (ESI), 2430 South 22nd Avenue.

FSC134 Fitness & Conditioning/ Firefighters \$185 3

Overview of all aspects of fitness for current and prospective firefighters. Includes mental aspects of performance for optimal achievement on fire department agility tests and firefighting tasks; physical fitness and workout techniques as they apply to performing specific firefighting tasks; individual conditioning strategies, nutritional guidelines, and basic exercise principles. Lifelong fitness and conditioning. Prerequisites: None.

1,4	6581 FTA	T	5:00-7:30P	C Arredondo
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FSC204 Firefighting Tactics and Strategy \$175 3

Methods of coordinating personnel, equipment, and apparatus on the fireground. Practical methods of controlling and extinguishing structural and other types of fires. Includes simulation exercises. Prerequisites: FSC113, or permission of instructor, or equivalent

1,4	6591 FTA	W	5:00-7:30P	T Harms
1,4	6593 FTA	R	5:00-7:30P	T Harms

FSC208 Firefighter Safety and Building Construction \$185 3

Actions necessary to provide for the safety of firefighters operating on the fireground. Effects that fire and heat may have on various types of building construction resulting in the loss of structural integrity. Includes signs and symptoms of structural damage. Prerequisites: FSC113, or permission of instructor, or equivalent

1,4	6597 FTA	T	7:40-10:10P	V Castleberry
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The following one-credit courses must be attended both days. If, for any reason, it is necessary to withdraw from a seminar, please contact the Admissions Office. Failure to do so before the class begins will result in "no credit" and "no refund".

FSC152 Engine Company Officer \$75 1

Overview of all aspects of engine company operations including the activities and responsibilities performed by the captain as well as mechanisms for developing a personal supervisory style. Designed for the aspiring company officer or anyone having the opportunity for the role of a company officer. Prerequisites: None.

1,4	6583 PSB 20	SU	9:00-5:30P	K Kalkbrenner
<i>Section 6583 meets 2 days 11/05 & 11/06.</i>				

Subj. Code	Course Title	*\$	Credits
Fnt.	Sect # Bldg/Rm	Days	Time

FSC221 Ladder Company Officer \$75 1

Overview of all aspects of ladder company operations including activities, expectations, and responsibilities required of the ladder captain. Designed for the company officer who aspires to the role of ladder company officer. Prerequisites: None.

1,4	6607 PSB 20	SU	9:00-5:30P	J Wells
<i>Section 6607 meets 2 days 12/03 & 12/04.</i>				

Food and Nutrition/ Culinary Studies

Department Chair: Ms. S. Phillips
Culinary Studies Director: Chef S. Robinson

FON100 Introductory Nutrition \$165 3

Basic nutrition concepts for health and fitness. Emphasizes current dietary recommendations for maximizing well-being and minimizing risk of chronic disease. Focuses on use of tables, food guides, and guidelines for making healthy food choices. Includes unique nutrition needs for selected stages of the lifecycle, methods for evaluating credibility of nutrition claims, principles of vegetarian nutrition, safe and economic use of supplements, principles of energy balance, basic elements of food safety, diet for exercise and sports, and personal dietary evaluation techniques. Not for pre-dietetics or selected other pre-professional majors. May not be taken for credit if credit has been earned in FON100AA and/or FON100AC. Prerequisites: None.

2151	DB 330	MWF	9:00-9:50A	A Villarreal
6493	DB 330	R	6:05-8:45P	A Bremer

FON102 Menu Planning \$110 2

Principles and techniques of menu planning for food service operations where food is served in quantity; includes applications for health care institutions, commercial kitchens, school cafeterias, and industrial facilities. Prerequisites: None.

2153	DB 330	R	2:35-4:15P	S Robinson
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FON104 Certification in Food Service Safety and Sanitation \$55 1

Preparation for and certification in a national food sanitation and safety program. Emphasis on food from purchasing, receiving, and storing to preparation, holding, and serving. Focuses on safe and sanitary food service facilities and equipment, employee habits and personal hygiene, and role of management in safety and sanitation. Includes time-temperature principles, foodborne illnesses, pest control, accident prevention, standards for cleaning and sanitizing, and regional regulations and standards. Prerequisites: None.

Upon completion of FON104, SERVSAFE Certificate from the Educational Foundation of the National Restaurant Association will be awarded upon completion of course.

6495	DB 330	S	9:00-1:40P	J Mraz
<i>Section 6495 meets 3 weeks 10/08 - 10/22.</i>				

Subj. Code	Course Title	*\$	Credits	
Ftnt.	Sect # Bldg/Rm	Days	Time	Instructor

FON118 Commercial Baking Techniques \$200 3

Principles and techniques for preparation, storage, and serving of bakery products. Includes breads, cakes, pies, pastry, cookies, fillings, and icings. Emphasis on practical experiences in a commercial bakery. Prerequisites: None.

4	6497 OSS 102	W	5:30-9:45P	J Elliott
	OSS 104	W	5:30-9:45P	

FON124 Customer Service Practicum \$220 4

Professional food and beverage experience in a commercial food service operation. Focuses on food server, host/hostess, cashier, and busperson. Includes beverage preparation, application of sanitation, and safety concepts. Stresses professionalism in service, demeanor, and appearance. Prerequisites: FON104.

2155	OSS 102	TWR	10:00-1:45P	Y Leger
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FON124AA Customer Service Practicum \$55 1

Professional food and beverage experience in a commercial food service operation. Focuses on food server, host/hostess, cashier, busperson. Includes beverage preparation, application of sanitation and safety concepts. Stresses professionalism in service, demeanor, and appearance. Prerequisites: FON104.

2157	OSS 102	TBA	TBA	Y Leger
2159	OSS 102	TBA	TBA	Y Leger

FON142AB Applied Food Principles \$205 3

Exploration and applications of scientific principles involved in food preparation; experiences with basic cooking methods; emphasis on the rationale of cooking techniques. Prerequisites: None.

4	2161 OSS 104	F	9:00-1:10P	S Bartz
	OSS 102	F	9:00-1:10P	
4	6503 OSS 104	M	5:30-9:45P	S Slansky
	OSS 102	M	5:30-9:45P	

FON150 Banquet Food and Beverage Service Externship \$55 1

Waiter/waitress serving experiences in a banquet setting; includes instructor-assisted placement, orientation, job seeking skills, and working a minimum of four banquets or twenty-four hours in banquet service. Professional appearance and attire required. Prerequisites: FON104, FON122, and FON124.

6505	TBA	TBA	TBA	S Robinson
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FON179 Garde Manger \$205 3

Prepares students for employment in garde manger pantry positions in restaurants and resorts. Includes costing out and ordering food products; food and safety factors; preparing and garnishing pantry product. Emphasis on classical food presentation. Prerequisites: None.

4	2163 OSS 104	M	9:00-1:10P	S Robinson
	OSS 102	M	9:00-1:10P	

Subj. Code	Course Title	*\$	Credits	
Ftnt.	Sect # Bldg/Rm	Days	Time	Instructor

FON180 Principles and Skills for Professional Cooking \$205 3

Introductory principles and skills for professional cooking. Introduces organizational structure of kitchen staff in different types of kitchens. Includes basic principles of safety and sanitation, equipment and utensil use, French cooking terms, recipe use, measuring techniques, identification and use of seasoning agents, and basic cooking methods applied to stocks, sauces and soups, vegetables, starches, entrees, and eggs. Emphasis on practical experiences in a commercial kitchen. Prerequisites: None.

4	2165 OSS 104	F	9:00-1:10P	S Bartz
	OSS 102	F	9:00-1:10P	
4	6507 OSS 104	M	5:30-9:45P	S Slansky
	OSS 102	M	5:30-9:45P	

FON181 French Cuisine \$205 3

Principles of French cooking applied to restaurant kitchens. Includes review of safety and sanitation principles, orientation to French culture, use of French terms and recipes, and reading French menus. Emphasis on practical experiences in preparing French meals in a restaurant kitchen. Introduces preparation of appetizers, hors-d'oeuvres, charcuterie items, pastries, and desserts. Prerequisites: None.

4	6509 OSS 104	T	5:30-9:45P	S Robinson
	OSS 102	T	5:30-9:45P	

FON182 American Regional Cuisine \$205 3

American regional food preparation applied to restaurants. Review principles of sanitation and safety. Explores history and customs, serving styles, and preparation techniques of foods unique to selected American regions. Emphasis on practical cooking experiences in a restaurant setting. American regions to include, but not limited to: Southern, Cajun/Creole, New England, Mid-West, and Pacific Coast. Prerequisites: None.

4	6511 OSS 104	S	9:00-1:10P	S Bartz
	OSS 102	S	9:00-1:10P	

Section 6511 begins Saturday, August 20.

FON184 Pacific Rim Cuisine \$189 3

Local and gourmet Pacific Rim food preparation applied to restaurants. Overview of principles of sanitation and safety. Explores history and customs, serving styles, and preparation techniques of foods unique to Pacific Rim cultures. Emphasis on practical cooking experiences in a restaurant kitchen. Cultures to include, but not limited to Chinese, Japanese, Thai, Korean, and South Pacific islands. Prerequisites: None.

4	2167 OSS 104	F	1:30-5:40P	S Bartz
	OSS 102	F	1:30-5:40P	

Subj. Code	Course Title	*\$	Credits	
Ftnt.	Sect # Bldg/Rm	Days	Time	Instructor

FON190 Professional Cooking Practicum \$385 7

Preparation of hot and cold foods in a commercial food service operation; experience in volume food production preparing salads, soups, stocks, sauces, entrees, starches, and vegetables; designed to develop knowledge and skills necessary to cook in a variety of commercial kitchens. Prerequisites: FON104, FON180, or departmental approval.

1	2169 OSS 104	TWR	9:00-2:00P	A Redendo
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FON190AA Professional Cooking Practicum \$55 1

Preparation of hot and cold foods in a commercial food service operation; experience in volume food production preparing salads, soups, stocks, sauces, entrees, starches, and vegetables; designed to develop knowledge and skills necessary to cook in a variety of commercial kitchens. Must be repeated for a total of seven (7) credits. Prerequisites: FON104, FON180, or departmental approval.

2171	OSS 104	OE/OE	OE/OE	A Redendo
2173	OSS 104	OE/OE	OE/OE	A Redendo
2175	OSS 104	OE/OE	OE/OE	A Redendo
2177	OSS 104	OE/OE	OE/OE	A Redendo

FON202 Purchasing for Food Service Systems \$165 3

Food purchasing for institutions: cost factors, quality standards, purchasing practices and controls. Prerequisites: None.

6513	DB 330	W	6:05-8:45P	J Mraz
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FON206 Food Service Management \$165 3

Administrative procedures and personnel relationships; Management of materials costs, record keeping and legal aspects of food and beverage service operations. Prerequisites: None.

6515	TBA	M	6:05-8:45P	J Mraz
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FON208 Supervisory Functions in Food Service \$165 3

Principles and techniques of supervision applied to food service workers. Includes roles and responsibilities of a food service supervisor, basic theories of management, line staffing functions, basic concepts of communication, motivation techniques, problem-solving, labor relations and laws, performance evaluation and basic record keeping functions in food service settings. Prerequisites: None.

2179	DB 330	M	1:00-3:45P	A Redendo
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Subj. Code	Course Title	*\$	Credits
Fnt.	Sect # Bldg/Rm	Days	Time

FON218 Commercial Baking: Classical Desserts \$200 3

Advanced principles and techniques in commercial baking and dessert preparation. Focus on fine pastries with European flair and on desserts served in better hotels, restaurants, and resorts. Preparation of macaroons, tarts, puff pastries, specialty cakes, and desserts such as Bavarian creams, mousses, custards, souffles, crepe desserts, and flammeries. Preparation and use of sauces, techniques for using nuts and chocolate, and exploration of new recipes. Prerequisites: None.

4	6517 OSS 104	R	5:30-9:45P	J Elliott
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FON241 Principles of Human Nutrition \$165 3

Scientific principles of human nutrition. Emphasis on health promotion and concepts for conveying accurate nutrition information in a professional setting. Addresses therapeutic nutrition principles for treatment of common health conditions. Includes exploration of food sources of nutrients, basic metabolism of nutrients in the human body, relationship between diet and other lifestyle factors, use of supplements, current recommendations for food selection throughout the life cycle, and use of nutrition tools for planning food intake or assessment of nutritional status. Prerequisites or Corequisites: One year high school chemistry with grade of "C" or better, or CHM130 and CHM130LL, or BIO100, or BIO156, or BIO181, or approval of instructor.

PC WEBCT Information: Mandatory in-person orientation to be announced. Students who do not attend will be dropped from course.

1	2181 DB 330	MWF	10:00-10:50A	A Villarreal
1	2183 DB 330	MWF	11:00-11:50A	A Villarreal
1	2185 DB 330	TR	8:30-9:45A	Staff
1,4	2187 PC WEBCT			A Villarreal

Section 2187 meets 15 weeks 09/06-12/12. PC WEBCT is an online course, see page 122 for complete information.

1,4	2189 PC WEBCT			A Villarreal
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Section 2189 meets 15 weeks 09/06-12/12. PC WEBCT is an online course, see page 122 for complete information.

1	6519 DB 330	M	6:05-8:45P	Staff
1	6521 DB 330	T	6:05-8:45P	Staff

FON271AA Culinary Studies Internship \$55 1

Work experience preparing hot and cold foods in a commercial food service operation, experience in volume food production preparing salads, soups, stocks, sauces, entrees, starches, and vegetables. Five (5) hours of work weekly. Supervision and evaluation by an internship coordinator. May be repeated for a total of seven (7) credits. Prerequisites: FON104, FON180, and departmental approval.

6523	TBA	TBA	TBA	S Robinson
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Subj. Code	Course Title	*\$	Credits
Fnt.	Sect # Bldg/Rm	Days	Time

FON271AB Culinary Studies Internship \$110 2

Work experience preparing hot and cold foods in a commercial food service operation, experience in volume food production preparing salads, soups, stocks, sauces, entrees, starches, and vegetables. Ten (10) hours of work weekly. Supervision and evaluation by an internship coordinator. May be repeated for a total of six (6) credits. Prerequisites: FON104, FON180, and departmental approval.

6525	TBA	TBA	TBA	S Robinson
6527	TBA	TBA	TBA	S Robinson

French

Department Chair: Dr. V. Foster
Evening Coordinator: Ms. D. Escalante

FRE085AA Speedy French I \$57 1

Basic vocabulary and grammar to develop conversational skills in French. Prerequisites: None.

4	6533 A 101	MW	5:00-7:00P	Staff
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Section 6533 meets 4 weeks 08/22 - 09/19.

FRE085AB Speedy French II \$57 1

Intermediate vocabulary and grammar to develop conversational skills in French. Prerequisites: FRE085AA.

1,4	6535 A 101	MW	5:00-7:00P	Staff
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Section 6535 meets 4 weeks 09/26 - 10/19.

FRE085AC Speedy French III \$57 1

Advanced vocabulary and grammar to develop conversational skills in French. Prerequisites: FRE085AB.

1,4	6537 A 101	MW	5:00-7:00P	Staff
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Section 6537 meets 4 weeks 10/24 - 11/16.

FRE101 Elementary French I \$225 4

Basic grammar, pronunciation and vocabulary of the French language. Includes the study of French culture, practice of listening, speaking, reading and writing skills. Prerequisites: None.

4	2193 C 204	MWF	11:00-12:10PB	Jameson
4	6539 C 211	TR	5:15-6:55P	Staff

FRE115 Beginning French Conversation I \$170 3

Conversational French. Basic sentence structure, pronunciation and vocabulary necessary to develop speaking ability in French. Designed for students seeking speaking and listening abilities with little emphasis on grammar. Prerequisites: None.

4	6541 A 203	R	5:15-7:45P	Staff
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FRE201 Intermediate French I \$225 4

Review of essential grammar of the French language and study of French culture. Continued practice and development of reading, writing, and speaking skills. Prerequisites: FRE102 with a grade of "C" or better, two years of high school French with an average of "C" or better, or departmental approval.

1,4	2197 DB 330	TR	11:30-1:10P	Staff
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Subj. Code	Course Title	*\$	Credits
Fnt.	Sect # Bldg/Rm	Days	Time

General Business

Department Chair: Mrs. C. Cloud
Program Director: Ms. M. Anderson

Students pursuing a Business Department certificate or degree program and all Business transfer students are strongly encouraged to seek advisement from a Business Department faculty member. Stop by B330 or call 602-285-7387.

GBS110 Human Relations in Business and Industry \$170 3

Exploration of fundamental theories and concepts of human relations in business and industry. Particular emphasis is placed on developing effective interpersonal relationships and leadership skills within an organization. Prerequisites: None.

GBS110 is offered once each year during the fall semester only.

4	6621 B 306	R	7:10-10:00P	Staff
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Section 6621 meets 15 weeks 09/08 - 12/15.

GBS114 Principles of Quality Service \$170 3

Quality service principles in credit/service industries emphasizing total quality and continuous improvement as a model for change. Identifying/understanding customer requirements, mapping a work process, measuring the amount of change in a process' performance and solving work process problems. Collecting data and data analysis. Prerequisites: None.

GBS114 is offered once each year during the fall semester only.

4	6625 B 327	M	7:10-9:50P	Staff
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GBS151 Introduction to Business \$170 3

Characteristics and activities of current local, national, and international business. An overview of economics, marketing, management and finance. Prerequisites: None.

4	2233 B 321	MWF	9:00-9:50A	A Battle
4	2235 B 317	MWF	10:00-10:50A	C Cloud
4,6	2237 B 302	MWF	11:00-11:50A	C Cloud

Section 2237 Registration takes place in the Honors Office, DB-317.

4	2239 B 328	TR	8:30-9:55A	G Simpson
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Section 2239 meets 15 weeks 09/06 - 12/15.

4	2241 B 317	TR	11:30-12:45P	Staff
4	6627 B 308	MW	5:40-7:05P	Staff

Section 6627 meets 15 weeks 09/07 - 12/14.

4	6628 B 327	TR	5:40-6:55P	Staff
4	6629 B 306	W	7:10-9:50P	Staff
4	6631 B 327	S	9:00-12:00P	Staff

Section 6631 meets 14 weeks 09/10 - 12/10.

Subj. Code	Course Title	*\$	Credits
Ftnt.	Sect # Bldg/Rm		Instructor

GBS205 Legal, Ethical, and Regulatory Issues in Business \$170 3

Legal theories, ethical issues and regulatory climate affecting business policies and decisions. Prerequisites: None.

4	2245 B 308	MWF	9:00-9:50A	Staff
4	2247 B 308	MWF	10:00-10:50A	Staff
4	2249 B 308	TR	8:30-9:45A	Staff
4	6632 B 321	TR	5:40-7:05P	Staff
<i>Section 6632 meets 15 weeks 09/06 - 12/15.</i>				
4	6633 B 327	T	7:10-9:50P	Staff
4	6635 B 317	R	7:10-9:50P	Staff

GBS206 Business Law (UCC) \$170 3

Legal and ethical aspects of contracts, sales, commercial paper, secured transactions, documents of title, letter of credit, bank deposits, and collections. Prerequisites: None.

GBS206 is offered once each year during the fall semester only.

4	6639 B 321	R	7:10-9:50P	Staff
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GBS220 Quantitative Methods in Business \$170 3

Business applications of quantitative optimization methods in operations management decisions. Prerequisites: (Grade of "C" or better in MAT150, or MAT151, or MAT152) or equivalent, or satisfactory score on district placement exam.

1,4	2251 B 327	MWF	10:00-10:50A	M Anderson
1,4	2253 B 327	TR	11:30-12:45P	M Anderson
1,4	6641 B 306	TR	4:15-6:55P	Staff
<i>Section 6641 meets 8 weeks 08/23 - 10/13.</i>				

GBS221 Business Statistics \$170 3

Business applications of descriptive and inferential statistics, measurement of relationships, and statistical process management. Prerequisites: Grade of "C" or better in GBS220 or MAT172.

1,4	2257 B 327	MWF	9:00-9:50A	M Anderson
1,4	2261 B 327	TR	10:00-11:15A	M Anderson
1,4	6645 B 306	TR	4:15-6:55P	Staff
<i>Section 6645 meets 8 weeks 10/18 - 12/15.</i>				

GBS233 Business Communication \$170 3

Internal and external business communications, including verbal and nonverbal techniques. Prerequisites: ENG101 or ENG107 with grade of "C" or better, or permission of department/division.

1,4	2265 B 327	MWF	11:00-11:50A	D Carnahan
1,4	2267 B 308	TR	11:30-12:45P	D Carnahan
1,4	6649 B 306	M	7:10-9:50P	Staff

GBS258 Principles of Property and Liability Insurance \$170 3

Basic principles of insurance. Introduction to insurance contracts. Overview of company functions and operations including ratemaking, underwriting, claims, adjusting, and marketing. Prerequisites: None.

4	6650 B 317	M	7:10-10:00P	Staff
<i>Section 6650 meets 14 weeks 09/12 - 12/16.</i>				

Subj. Code	Course Title	*\$	Credits
Ftnt.	Sect # Bldg/Rm		Instructor

GBS263 Personal Insurance \$170 3

Analysis of personal loss exposures and personal insurance coverages including homeowner's, other dwelling coverages, personal liability, auto, life, health, and government programs. Prerequisites: GBS258 or permission of the instructor.

GBS263 is offered once each year during the fall semester only.

4	6651 B 317	W	7:10-10:00P	Staff
<i>Section 6651 meets 15 weeks 09/07 - 12/16.</i>				

Students must see Diane Stark prior to enrolling in any of the General Business Internship courses.

GBS270AA Business Internship \$60 1

General business work experience in a business or industry. Eighty hours of designated work per credit per semester. Maximum of 3 credits allowed. Prerequisites: Permission of Department.

1,3,4	2271 TBA	OE/OE	OE/OE	D Stark
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GBS270AB Business Internship \$115 2

General business work experience in a business or industry. Eighty hours of designated work per credit totaling 160 hours per semester. Maximum of 3 credits allowed. Prerequisites: Permission of Department.

1,3,4	2273 TBA	OE/OE	OE/OE	D Stark
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GBS270AC Business Internship \$170 3

General business work experience in a business or industry. Eighty hours of designated work per credit totaling 240 hours per semester. Maximum of 3 credits allowed. Prerequisites: Permission of Department.

1,3,4	2275 TBA	OE/OE	OE/OE	D Stark
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GBS294 Consumer Credit \$170 3

Consumer lending by financial institutions. Prerequisites: None.

GBS294 is offered once each year during the fall semester only.

4	6653 B 328	MW	5:40-6:55P	Staff
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EPS102 Rich Dad's CASHFLOW \$115 2

Principles, processes, and tools that represent a new paradigm for financial literacy. Concepts and principles based upon Rich Dad Poor Dad, Cashflow Quadrant, and the Cashflow 101 game.(Copyright). Prerequisites: None.

4	2041 B 321	F	1:00-4:30P	Staff
<i>Section 2041 meets 8 weeks 10/07 - 12/09.</i>				
4	6391 B 321	S	9:00-12:30P	Staff
<i>Section 6391 meets 8 weeks 09/24 - 11/19.</i>				

IBS101 Introduction to International Business \$170 3

A basic overview of international business to introduce students to international trade concepts. Focus of the course is on international business environment issues that influence global business practices, decisions and applications. Prerequisites: None.

4	2268 B 321	TR	11:30-12:55P	Staff
<i>Section 2268 meets 15 weeks 09/06 - 12/15.</i>				

Subj. Code	Course Title	*\$	Credits
Ftnt.	Sect # Bldg/Rm		Instructor

SBU100 Professional Business Ethics \$170 3

Theoretical and practical consideration of past and present ethical issues in business; analyzes the applied ethics of professional and corporate responsibility, government regulation, advertising, the environment, hiring practices, politics and lobbying, product liability, and technology using philosophical and/or religious ethical systems of thought. Encourages critical thinking and value decision making within the perspective of current business contexts and concerns, such as professional organizations, multicultural and global environments, and minority- and women-owned business, in international business and professional communities. Prerequisites: None.

4	4643 B 321	TR	8:30-9:55A	Staff
<i>Section 4643 meets 15 weeks 09/06 - 12/15.</i>				

SBU200 Society and Business \$170 3

The study of issues and demands placed on business enterprise by owners, customers, government, employees and society. Included are social, ethical and public issues and analysis of business responses. Prerequisites: None.

4	4647 B 328	MWF	8:00-8:55A	Staff
<i>Section 4647 meets 15 weeks 09/07 - 12/16.</i>				

4,6	4649 B 306	MWF	9:00-9:50A	C Cloud
<i>Section 4649 Registration takes place in the Honors Office, DB-317.</i>				

4	4651 B 317	TR	10:00-11:15A	D Carnahan
4	8293 B 321	T	7:10-10:00P	Staff
<i>Section 8293 meets 15 weeks 09/06 - 12/13.</i>				

4	8294 B 302	S	9:00-12:00P	Staff
<i>Section 8294 meets 14 weeks 09/10 - 12/16.</i>				

Subj. Code	Course Title	*\$	Credits
Fnt.	Sect # Bldg/Rm	Days	Time

General Technology

Department Chair: Dr. J. Mireles
www.phoenixcollege.edu/departments/dit

GTC121 Construction Estimating I \$190 3

Fundamentals of determining quantities of material, equipment and labor for given project. Includes procedures used in applying proper unit costs to these items. Prerequisites: None.

6763	E 202	W	7:10-9:40P	A Palmiotto
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Geography/Geology

Department Chair: Mr. D. Speed
Evening Coordinator: Mr. R. Cups

GCU221 Arizona Geography \$165 3

The historical to modern development of Arizona. The interplay between the physical, cultural and economic factors affecting Arizona today. Prerequisites: None.

6673	B 106	M	7:10-9:50P	D Lillie
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GPH111 Introduction to Physical Geography \$220 4

Spatial and functional relationships among climates, landforms, soils, water, and plants. Prerequisites: None.

7	2341	E 105	MWF	10:00-10:50A	D Janke
7	6713	E 105	T	7:10-9:50P	D Janke

GPH111 Laboratory for GPH111 \$3 0

4	2343	E 105	R	9:00-11:50A	D Janke
4	6715	E 105	R	7:10-9:50P	D Janke

GLG101 Introduction to Geology I - Physical Lecture \$165 3

A study of the kind and arrangement of materials composing the earth's crust and the geological processes at work on and within the earth's surface. Prerequisites: None.

2323	E 115	MWF	11:00-11:50A	D Speed
6693	E 116	MW	5:40-6:55P	D Janke

GLG103 Introduction to Geology I - Physical Lab \$58 1

May accompany GLG101. Study of common rock-forming minerals, rocks, and maps. Prerequisites: None.

4	2325	E 115	R	9:00-11:50A	D Speed
4	6695	E 116	M	7:10-9:50P	D Janke
4	6697	E 105	W	7:10-9:50P	D Janke

Subj. Code	Course Title	*\$	Credits
Fnt.	Sect # Bldg/Rm	Days	Time

Gerontology & Elder Care

Department Chair: Dr. R. Pfefferbaum

GRN102 Supervisory Care Services \$79 1.25

Principles of general supervision, including awareness of residents functioning, crisis intervention, and assistance in the self-administration of medications. Provides foundation for provision of supervisory care services in assisted living facilities. Prerequisites: None.

4	2363	C 315	TWRF	7:00-12:00P	Staff
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Section 2363 meets 1 week 11/01 - 11/04.

GRN104 Personal Care Services \$120 2

Principles of aging and examination of common medical conditions associated with aging and physical disabilities. Assisting residents in activities of daily living and measuring vital signs. Provides foundation for provision of personal care services in assisted living facilities. Includes experiential learning activities as well as didactics. Prerequisites: GRN102 or permission of Program Director.

1,4	2365	C 315	MTW	7:00-1:00P	Staff
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Section 2365 meets 2 weeks 11/07 - 11/15 and requires department approval/signature.

GRN106 Directed Care Services \$52 .75

Examination of care needs of those unable to direct self-care. Provides foundation for provision of directed care services in assisted living facilities. Involves experiential learning activities as well as didactics. Emphasis on therapeutic techniques. Prerequisites: GRN102 and (GRN104 or GRN104AA), or permission of Program Director.

1,4	2367	C 315	RF	7:00-1:00P	Staff
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Section 2367 meets 1 week 11/17 - 11/18 and requires department approval/signature.

GRN108 Management of Assisted Living Facilities \$38 .5

Principles of management and care planning. Includes delegation of authority, development of policies and procedures, and overview of laws and regulations. Provides foundation for management of assisted living facilities. Prerequisites: GRN102, (GRN104 or GRN104AA), and (GRN106 or permission of Program Director.)

1,4	2369	C 315	MT	7:00-11:00A	Staff
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Section 2369 meets 1 week 11/21 - 11/22 and requires department approval/signature.

GRN121 Psychosocial Aspects of Aging \$175 3

Examination of sociological, psychological, and behavioral health issues associated with aging including death, dying, and bereavement. Incorporates cultural and cohort influences. Considers economic and political issues. Prerequisites: None.

1,4	6735	C 315	T	6:00-9:00P	Staff
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Subj. Code	Course Title	*\$	Credits
Fnt.	Sect # Bldg/Rm	Days	Time

GRN122 Overview of Aging Services \$175 3

Description of the organization and structure of the aging services environment including federal, state, and local roles and responsibilities. Explores the field of gerontology including careers and services using on-line information. Prerequisites: None.

1,4	6737	C 315	R	6:00-9:00P	Staff
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Section 6737: Field trip maybe required.

GRN226 Alzheimer's Disease and Dementia \$175 3

Examination of Alzheimer's disease and other forms of dementia. Provides the foundation for caregiving. Emphasis on therapeutic techniques. Includes ethical and legal issues. Prerequisites: (GRN121, GRN122, GRN123 and GRN124) or permission of Program Director.

1,4	6739	C 315	M	6:00-9:00P	Staff
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GRN242 Management and Supervision \$175 3

Basic principles in the organization and management of aging services. Decision making, personnel management, team building, volunteers, marketing, and customer service. Prerequisites: None.

1,4	6743	C 315	W	6:00-9:00P	Staff
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Greek

Department Chair: Dr. V. Foster

GRK101 Elementary Classical Greek I \$225 4

First semester course in classical Greek, emphasis on written structures of language. Attention placed on classical Greek pronunciation. Prerequisites: None.

4,6	2353	A 101	TR	1:00-2:40P	Staff
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Section 2353 Registration takes place in the Honors Office, DB-317.

Subj. Code	Course Title	*\$	Credits
Ftnt.	Sect # Bldg/Rm	Days	Time
			Instructor

Health Care Related

Department Chair: Ms. M. Souders

HCR210 Clinical Health Care Ethics \$165 3

An introduction to health care ethics with emphasis on analysis and ethical decision making at both the clinical and health policy levels for health care professionals. Theoretical foundation of bioethics reviewed within historical and contemporary contexts. Prerequisites: ENG102.

2603 E 219 T 11:30-2:30P M Vines

HCR220 Health Care Organizations \$180 3

Overview of United States health care delivery systems; financing, health policy, impact of managed care, and basic principles of budgeting, cost-benefit analysis, and resource management. Prerequisites: ENG102.

4 2605 PC WEBCT M Chavez
Section 2605 PC WEBCT is an online course,
see page 122 for complete information.

HCR230 Culture and Health \$165 3

Relation between cultures of diverse groups and health/illness. Emphasis on cross-cultural communication, including awareness of own cultural influences and indigenous and complementary healing practices. Prerequisites: None.

2607 E 215 T 12:30-2:30P B Ewald

HCR240AA Human Pathophysiology I \$110 2

Chemical, biologic, biochemical, and psychological processes as a foundation for the understanding of alterations in health. The structural and functional pathophysiology of alterations in health; selected therapeutics considered. Prerequisites: BIO202 or equivalent.

1 2611 E 219 T 8:30-10:30A M Vines

HCR240AB Human Pathophysiology II \$110 2

Chemical, biologic, biochemical, and psychological processes as a foundation for the understanding of alterations in health. The structural and functional pathophysiology of alterations in health; selected therapeutics considered. Prerequisites: HCR240AA.

1 2613 E 219 M 8:00-9:50A M Chavez

Health Core Curriculum

Department Chair: Ms. L. Ligon
Program Director: Ms. V. Parker

Students wishing to enroll in any Health Care Program should see a Health Care Advisor in the Advisement Center prior to enrolling in any HCC (Health Core Curriculum) course. The HCC classes are prerequisites to the following programs: Medical Assisting, Dental Assisting, Dental Hygiene, EKG/ Telemetry, Health Information Technology, Medical Billing, Nursing, Patient Care Technician, Phlebotomy, and Therapeutic Massage.

Many of the following HCC courses are available on the internet. As students register for an internet section refer to page 122 for instructions on how to access courses.

In addition, self-help information packets are available for students to pickup in the Information Center located in the Admissions and Records Bldg., Open Computer Lab located in the Fannin Library, and the Advisement Center.

HCC130 Fundamentals in Health Care Delivery \$165 3

Overview of current health care professions including career and labor market information. Health care delivery systems, third party payers, and facility ownership. Health organization structure, patient rights and quality care. Health care and life values. Definition and importance of values, ethics, and essential behaviors in the workplace. Worker rights and responsibilities. Healthful living practices to include nutrition, stress management and exercise. Occupational Safety and Health Administration (OSHA) standard precautions and facility safety. Use of principles of body mechanics in daily living activities. Basic communication skills which facilitate teamwork in the health care setting. Focus on development of personal communication skills and an understanding of how effective communication skills promote teamwork. Focus on intercultural communication strategies. Prerequisites: None.

2533 J 130 MW 8:00-9:15A Staff

2537 PSB 26 MWF 9:00-9:50A Staff

2539 J 130 MWF 10:00-10:50A Staff

2543 J 130 TR 8:30-9:45A Staff

2545 J 134 TR 10:15-11:55A Staff

Section 2545 meets 12 weeks 08/23 - 11/10.

2547 C 211 TR 12:00-1:40P Staff

Section 2547 meets 12 weeks 08/23 - 11/10.

2551 E 219 F 8:00-10:45A Staff

4 2553 PC WEBCT Staff

*Section 2553 PC WEBCT is an online course,
see page 122 for complete information.*

4 2555 PC WEBCT Staff
*Section 2555 meets 15 weeks 08/29 - 12/16. PC WEBCT
is an online course, see page 122 for complete information.*

6813 OSW105 M 5:40-8:20P Staff

1,3 6815 J 130 MW 5:40-7:00P Staff

*Section 6815 is for ESL (English as Second Language)
health care students.*

HCC130 Fundamentals in Health Care Delivery (Cont.) \$165 3

6819 J 134 T 5:40-8:20P Staff

6821 J 134 W 5:40-9:00P Staff

Section 6821 meets 12 weeks 09/21 - 12/07.

6823 C 206 R 5:40-8:20P Staff

6827 J 130 S 9:00-11:40A Staff

Section 6827 begins Saturday, August 20.

Medi-Lingo Learning Community (For ESL Students)

The following sections of HCC130, HCC145AA and RDG014 require that students enroll in the 7 credit "Medi-Lingo Learning Community." For additional information see inside back cover page.

HCC130 Fundamentals in Health Care Delivery \$165 3

1,3,8 2535 J 134 MWF 8:00-8:50A V Parker

HCC145AA Medical Terminology for Health Care Workers I \$55 1

1,3,8 2573 J 134 MW 10:00-10:50A V Parker
Section 2573 meets 8 weeks 08/22 - 10/12.

RDG014 Advanced Vocabulary for ESL Speakers (Non-native Speakers) \$170 3

1,4,8 4501 H 117 MWF 9:00-9:50A C Ortega

HCC145 Medical Terminology for Health Care Workers \$165 3

Medical terminology used in health care, with special care populations and in special services. Body systems approach to terms related to structures, functions, diseases, procedures, and diagnostic tests. Building and analyzing terms using word parts. Medical abbreviations and symbols and term spelling. Prerequisites: None.

1 2561 J 134 TR 8:15-9:55A Staff

Section 2561 meets 12 weeks 08/23 - 11/10.

4 2563 PC WEBCT Staff

*Section 2563 PC WEBCT is an online course, see page 122
for complete information.*

1,4 2597 PC WEBCT Staff

*Section 2597 meets 15 weeks 08/29 - 12/16. PC WEBCT
is an online course, see page 122 for complete information.*

6831 PSB 26 R 5:40-8:20P Staff

Subj. Code	Course Title	*\$	Credits
Fnt.	Sect # Bldg/Rm	Days	Time

HCC145AA Medical Terminology for Health Care Workers I \$55 1

Introduction to medical terms used in health care. Body systems approach to selected terms related to structures, functions, diseases, procedures, and diagnostic tests. Building and analyzing terms using basic word parts. Selected medical abbreviations and symbols and term spelling. Prerequisites: None.

2571 J 134	MW	9:00-9:50A	Staff
<i>Section 2571 meets 8 weeks 08/22 - 10/12.</i>			
2575 J 134	T	12:00-1:40P	Staff
<i>Section 2575 meets 8 weeks 10/18 - 12/06.</i>			
2577 C 211	W	3:45-5:25P	Staff
<i>Section 2577 meets 8 weeks 08/24 - 10/12.</i>			
2579 J 134	R	12:00-1:40P	Staff
<i>Section 2579 meets 8 weeks 08/25 - 10/13.</i>			
2581 J 130	F	11:00-11:50A	Staff
4 2585 PC WEBCT			Staff
<i>Section 2585 meets 8 weeks 08/22 - 10/14. PC WEBCT is an online course, see page 122 for complete information.</i>			
4 2587 PC WEBCT			Staff
<i>Section 2587 meets 8 weeks 09/19 - 11/12. PC WEBCT is an online course, see page 122 for complete information.</i>			
6835 J 134	M	5:40-6:50P	Staff
<i>Section 6835 meets 12 weeks 09/19 - 12/05.</i>			
1,3 6837 K 101	W	7:15-8:25P	Staff
<i>Section 6837 meets 12 weeks 08/24 - 11/09 and is for ESL (English as Second Language) health care students.</i>			
6841 J 134	R	7:50-8:40P	Staff
6843 J 130	S	8:00-8:50A	Staff
<i>Section 6843 begins Saturday, August 20.</i>			

HCC164 Pharmacology for Allied Health \$33 .5

Chemical, generic, and trade names for drugs. Use of drug references. Pharmacological principles of drugs. Routes of drug administration. Federal and Arizona regulations. Classification of drugs. Abbreviations and symbols for drug measurement, administration, and prescription. Prerequisites: HCC130 or (HCC130AA, HCC130AB, HCC130AC, HCC130AD, HCC130AE and HCC130AF), or equivalent.

1,4 2591 PC WEBCT D Dennis
Section 2591 meets 6 weeks 10/17 - 11/21. PC WEBCT is an online course, see page 122 for complete information.

HCC204 Clinical Pathophysiology \$165 3

Causes of disease and their impact on the human body. Common physiologic effects of disease on body systems. Roles of the multidisciplinary health care team in the diagnosis and treatment of disease. Cultural implications in prevention and treatment of disease. Prerequisites: HCC130 or (HCC130AA, HCC130AB, HCC130AC, HCC130AD, HCC130AE and HCC130AF), or equivalent and (BIO160 or BIO162AB, or BIO201).

1 2593 E 219 R 8:30-11:10AB Petterson

Subj. Code	Course Title	*\$	Credits
Fnt.	Sect # Bldg/Rm	Days	Time

HCC208 Health Care Leadership \$55 1

Introduction to concepts and skills required of health care leaders. Discussion of leadership styles and conflict management. Application of motivation, delegation, and communication techniques to teamwork and leadership. Prerequisites: HCC130 or (HCC130AA, HCC130AB, HCC130AC, HCC130AD, HCC130AE and HCC130AF), or equivalent.

1 2595 C 211 W 1:00-2:40P B Petterson
Section 2595 meets 8 weeks 08/24 - 10/12.

Health Enhancement

Dance, Fitness, Health, Physical Education, Recreation, & Wellness

Department Chair: Ms. L. Ligon

Activity Classes

All PED101 classes begin on the scheduled day the week of August 27 - September 4 unless otherwise stated. There is a user fee for each PED101 class. Fees are used to purchase supplies and equipment for the class.

PED101JX Golf \$80 1

These classes are designed for the beginning player who is interested in developing new skills. The instructional program includes skill development, playing strategies and the mental game on the golf course.

Clubs, balls, etc, will be provided for all PED101JX classes. Class meets at Palo Verde Golf Course, 6215 N. 15th Ave., Phoenix.

4 4224 PV GOLF MW	9:30-10:25A	A Jackson
4 7885 PV GOLF S	8:00-9:50A	L Adams III
4 7887 PV GOLF S	10:00-11:50A	L Adams III

PED101KC Golf-Intermediate \$60 1

This course is designed for intermediate/advanced golfers who want to work on improving their game, playing strategies and mental game. Class size is limited. Students will be responsible for paying their own green fees, taxes, and for the use of golf carts.

Intermediate Golf orientation is Sunday, August 28 11:00 am in the South Gym Conference Room. Class meets at Palo Verde Golf Course, 6215 N. 15th Ave., Phoenix.

4 7889 PV GOLF U	7:00-9:15A	L Adams III
<i>Section 7889 meets 12 weeks 08/28 - 11/20.</i>		

PED101LK Hiking \$60 1

This course is designed to acquaint the beginning/intermediate hiker with the basics of hiking in the Metropolitan Phoenix area. Several popular day hikes within a two hour drive of the Phoenix area are also offered. The course will begin with easier hikes and progress to moderate/hard hikes.

Hiking orientation is Saturday, September 17, 8:00am in the South Gym Conference Room.

4 7891 G CONF S	0700AM	S Covey
<i>Section 7891 meets 12 weeks 09/17 - 12/10.</i>		

Subj. Code	Course Title	*\$	Credits
Fnt.	Sect # Bldg/Rm	Days	Time

PED101KB Kickboxing \$60 1

Jabs, kicks and blocks will unite in this intense and inspiring workout. In this course, you will learn techniques to burn fat, increase muscular endurance, enhance flexibility, and increase body awareness and self-confidence.

4 4225 SGYM MW	12:00-12:55P	A Styles
4 4227 SGYM MW	1:00-1:55P	S Campbell

PED101 Power Sculpt \$60 1

This class is designed to promote muscular strength, build bones and increase muscular endurance. Class consists of 8-10 exercises done with a straight bar and weights.

4 4231 SGYM MW	11:00-11:55A	A Styles
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Yoga/Tai Chi/Martial Arts

All PED101 classes begin on the scheduled day the week of August 27 - September 4 unless otherwise stated. There is a user fee for each PED101 class. Fees are used to purchase supplies and equipment for the class.

PED101AO Aikido \$60 1

Aikido is a martial art. The philosophy of the training is a flowing as opposed to a fighting or resistance attitude. Learn centering and relaxation.

4 4213 NGYM TR	10:00-10:55A	Staff
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PED101YK Kundalini Yoga \$60 1

Kundalini yoga in the tradition of Yogi Bhajan, who brought the style to the West in 1969, focuses on the controlled release of Kundalini energy. The practice involves classic poses, breath, coordination of breath and movement, and meditation.

4 4281 G 163 MW	2:00-2:55P	B Khalsa
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PED101KF Kung Fu \$60 1

Kung Fu is a Chinese Martial Art of self defense, health and perfection of self. Shoolin five-animal Kung Fu systems are based on the 800 A.D. teachings of DaMu.

4 4228 G 163 TR	10:00-10:55AM	Werner
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PED101PS Pilates \$55 1

Learn about a form of exercise that has been around since the early 1900's and is currently one of the hottest forms of exercise today! Learn how to sculpt your body, strengthen muscle, improve posture and tone your midsection by developing core strength. Additionally, focus is placed on learning and mastering neutral spinal alignment.

4 4233 G 163 TR	3:00-3:55P	K Brazie
4 4235 SGYM MW	10:00-10:55A	Staff
4 7894 G 163A MW	4:00-4:55P	Staff
4 7895 G 163 TR	4:00-4:55P	K Brazie
4 7897 G 163 M	7:40-9:30P	S George
4 7899 G 163A R	7:40-9:30P	S George



Health Enhancement – 602-285-7295

The mission of the Health Enhancement Department is to provide programs that promote and inspire life-long learning, education and career goals, and self-development through support of personal responsibility and integration of mind, body and spirit.

If you want a 2-credit fitness, aerobics, or weight training class for a grade, enroll in one of the following classes.
(Start date, 08/20/05. End date, 12/09/05)

- ◆ PED115 **4171** (graded) or **4173** (P/Z) – Fitness Center (\$130)
- ◆ PED116 **4183** (graded) or **4185** (P/Z) – Aerobics (\$130)
- ◆ PED117 **4193** (graded) or **4195** (P/Z) – Weight Training (\$130)

If you want a 1-credit fitness, aerobics, or weight training class for a grade, enroll in one of the following classes.
(Start date, 08/20/05. End date, 10/14/05)

- ◆ PED101IH **4221** – Fitness Center (\$65)
- ◆ PED101AF **4209** – Aerobics (\$65)
- ◆ PED101XP **4253** – Weight Training (\$65)

If you want a fitness, aerobics, or weight training class but do not need a grade or credit, enroll in one of the following classes.
(Start date, 08/20/05. End date, 01/13/06)

- ◆ NC 500 **9103** – Fitness Center (\$100)
- ◆ NC 500 **9104** – Aerobics (\$100)
- ◆ NC 500 **9105** – Weight Training (\$100)

If you are a senior (62+ – must show ID to register) and want a fitness, aerobics, or weight training class, enroll in the following class.

- ◆ NC 500 **9102** (Start date, 08/20/05. End date, 01/13/06) (\$60)

If you want a late start class (1 or 2 credits), enroll in one of the following classes.

- ◆ PED101IH **4223** (\$65) – Fitness Center (Start date, 10/17/05 End date, 12/09/05)
- ◆ PED101AF **4211** (\$65) – Aerobics (Start date, 10/17/05 End date, 12/09/05)
- ◆ PED101XP **4255** (\$65) – Weight Training (Start date, 10/17/05 End date, 12/09/05)
- ◆ PED115 **4177** (graded) or **4179** (P/Z) (\$130) (Start date, 09/19/05 End date, 12/09/05)
- ◆ PED116 **4187** (graded) or **4189** (P/Z) (\$130) (Start date, 09/19/05 End date, 12/09/05)
- ◆ PED117 **4197** (graded) or **4199** (P/Z) (\$130) (Start date, 09/19/05 End date, 12/09/05)

If you have successfully (received a “C” or better) completed PED115 or PED116 or PED117 and are currently enrolled for 1 or more credits at PC, and do not need a grade, enroll in the Student Fitness Package.

- ◆ NC 500 **9106** (Start date, 08/20/05. End date, 01/13/06.) (\$70)

ORIENTATIONS

New and returning credit students **must attend an orientation**. Orientation lasts approximately one and one half hours. Returning non-credit students need to update paperwork in the Fitness Center.

Location: Multi Purpose Room – G-163, South Gym

Sat., Aug. 20 8 am, 10 am, 12 pm, 2 pm
 Mon.-Wed., Aug. 22-24 .. 8 am, 10 am, 12 pm, 4 pm, 6 pm
 Thu., Aug 25 8 am, 12 pm, 4 pm, 6 pm
 Fri., Aug. 26 8 am, 10 am, 12 pm, 4 pm

FITNESS CENTER HOURS*

Monday - Thursday 5:30 am - 9:00 pm
 Friday 5:30 am - 8:00 pm
 Saturday 7:00 am - 4:00 pm
 Sunday 9:00 am - 1:00 pm
 *Times are subject to change.

AEROBICS CLASS HOURS*

Monday - Thursday 8:00 am - 7:00 pm
 Friday 8:00 am - 6:00 pm
 Saturday 9:00 am - 11:00 am
 *Times are subject to change.

Subj. Code	Course Title	*\$	Credits
Fnt.	Sect # Bldg/Rm	Days	Time Instructor

PED101DD Qi Gong \$60 1

This is a branch of Chinese Medicine. Each move has a martial (self defense) and a medicinal (healing) application. The Qi Gong (Chi Kung) systems will vary each semester.

4	4232	SGYM	TR	11:00-11:55A	M Werner
4	7879	G 163	W	5:40-7:25P	K Roxlo

PED101VQ Taekwondo \$60 1

Focuses on the process of Taekwondo which is a Korean Martial Art. Learn offensive and defensive methods of self defense while developing mind, body, and spirit.

4	4243	G 163	TR	9:00-9:55A	M Werner
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PED101YR Restorative Yoga \$60 1

Using gentle breathwork and yoga poses supported with props muscles completely relax, internal organs are exercised and circulation of lymph and blood increases. Excellent for people with special conditions, in life crisis/transition, or those needing to de-stress. The slower pace, breath awareness and props promote deep relaxation.

4	7921	G 163A	W	5:10-7:00P	J Fronk
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PED101VR Tai Chi \$60 1

This program uses techniques to reduce stress and its effects through an Internal Martial Art form from China. You will be introduced to breathing exercises, stances and energetic movements of Tai Chi. There is an emphasis on strengthening movements, promoting good health, and relaxation.

4	4245	G 163	TR	12:30-1:25P	D Block
4	7901	G 163	S	11:30-1:20P	J Eagar
4	7903	G 163	M	5:40-7:30P	P Zaccardo

PED101YJ Yoga \$60 1

Yoga for beginners and continuing students. Experience multiple levels of health enhancement and stress reduction from asana, pranayama, and meditation techniques. All levels and ages welcome.

4	4273	G 163	TR	8:00-8:55A	D Deckert
4	4275	G 163	MW	8:00-8:55A	D Martin
4	4277	G 163	MW	12:00-12:55P	J Epps
4	4279	G 163	MW	1:00-1:55P	J Epps
4	7909	G 163	MW	4:10-5:05P	Staff
4	7911	G 163	TR	5:00-5:55P	Staff
4	7915	G 163	W	7:40-9:30P	T Glow
4	7913	G 163	F	4:00-5:50P	G D'Agnolo
4	7917	G 163	S	9:00-10:40A	G D'Agnolo

PED101YL Yoga-Intermediate \$60 1

Yoga for continuing students. Experience multiple levels of health enhancement and stress reduction from asana, pranayama and meditation techniques. One year of experience or permission of instructor.

4	7919	G 163A	R	5:10-7:00P	T Glow
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*Aerobic Class offerings include but are not limited to Step, Low-impact, Body Sculpt, Stretch, Kickboxing, Cardio Combo, Powerball.

Subj. Code	Course Title		*\$	Credits	
Fnt.	Sect #	Bldg/Rm	Days	Time	Instructor

Dance

All PED101 classes begin on the scheduled day the week of August 27 - September 4 unless otherwise stated. There is a user fee for each PED101 class. Fees are used to purchase supplies and equipment for the class.

PED101CL Ballet \$60 1

This is class is for the dancer or person wanting to gain strength, stamina, and muscle tone along with grace, correct posture, and poise. A fun class for all. No previous ballet experience necessary.

4	7873	G 163	TR	7:00-7:55P	G Renteria
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PED103BD Ballroom Dancing \$33 .5

Students will learn basics for following/leading your partner on patterns, footwork, timing, and styles for the Waltz, Foxtrot, and Tango.

4	7863	SGYM	F	7:30-8:25P	Staff
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4	7865	SGYM	F	8:30-9:25P	Staff
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PED101HH Hip Hop \$60 1

The course is designed to educate students of the Hip Hop Dance Culture through analysis and observation of the various styles unique to each individual. This course includes mention of, but is not limited to hip hop: music, performance, lyrics, choreography, syncopation, etc.

4	4217	G 163	MW	10:00-10:55A	Staff
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4	4219	G 163	TR	11:30-12:25P	Staff
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4	7881	G 163	F	6:00-7:50P	Staff
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Section 7881 meets 14 weeks 09/02 - 12/09.

PED101 Intermediate Hip Hop \$60 1

This class will work on developing hip hop skills for performance at PC Athletic events.

Hip Hop Squad tryouts are Monday, August 29, 7:15pm in the South Gym.

3,4	7861	SGYM	MW	7:15-9:15P	V Lopez
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PED101PF Jazz \$60 1

Introduction to the theory and practice of modern jazz at the beginning level. Development of movement quality and performance skills.

4	7893	G 163	TR	6:00-6:55P	G Renteria
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PED101SA Salsa \$60 1

Students will learn Salsa and other Latin dances and be able to follow/lead your partner on patterns, footwork, timing and style. Students will also learn what music is used to dance the Salsa, Cha Cha, and Rumba.

4	4239	G 163	MW	9:00-9:55A	Staff
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4	4242	SGYM	TR	2:00-2:55P	E Gilbertsen
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PED103SA Salsa I \$33 .5

Students will learn Salsa and other Latin dances for and be able to follow/lead your partner on patterns, footwork, timing and style. Students will also learn what music is used to dance the Salsa, Cha Cha, and Rumba.

4	7869	SGYM	R	8:00-8:55P	E Gilbertsen
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Subj. Code	Course Title		*\$	Credits	
Fnt.	Sect #	Bldg/Rm	Days	Time	Instructor

PED101SA Salsa II \$60 1

This course is designed for intermediate dancers who want to work on improving following/leading their partner on patterns, footwork, timing and style.

4	4241	SGYM	TR	1:00-1:55P	E Gilbertsen
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4	7867	SGYM	R	6:00-6:55P	E Gilbertsen
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PED101VT Tap Dance \$60 1

This class reviews the fundamentals of tap dancing. The individual will learn different tap combinations and terminology. Tap shoes are provided.

4	4247	G 163	MW	11:00-11:55A	H Hirsch
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PED103CF West Coast Swing \$33 .5

Students will learn Swing, Hustle, and international style basics for use in social dance. Focus on footwork, timing, and style.

2,4	7871	SGYM	R	7:00-7:55P	E Gilbertsen
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Fitness/Aerobics/Weight Training

For a complete listing of Fitness Center/Aerobics and Weight Training classes and hours of operation, see page 88.

PED101AF Aerobics \$65 1

The Aerobics Program has a variety of scheduled classes each semester. Classes offered may include: Stretch/Sculpt, Low Impact, Cardio-Combo, Body Sculpt, Circuit, Stretch, Powerball. Our classes run Monday through Saturday and students may attend any of the classes daily.

All students will complete an orientation, see page 88.

4	4209	SGYM	TBA	TBA	A Styles
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Section 4209 meets 8 weeks 08/22 - 10/14.

4	4211	SGYM	TBA	TBA	A Styles
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Section 4211 meets 8 weeks 10/17 - 12/09.

PED101IH Fitness for Life \$65 1

The Fitness Center is a state of the art exercise facility designed for convenient workouts. Our objective is to assist you in developing a lifetime program of regular exercise and wellness. Students may attend class anytime our facility is open.

All students will complete an orientation, see page 88.

4	4221	FIT CTR	TBA	TBA	Staff
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Section 4221 meets 8 weeks 08/20 - 10/14.

4	4223	FIT CTR	TBA	TBA	Staff
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Section 4223 meets 8 weeks 10/17 - 12/09.

Subj. Code	Course Title		*\$	Credits	
Fnt.	Sect #	Bldg/Rm	Days	Time	Instructor

PED115 Lifetime Fitness \$130 2

The Fitness Center is a state of the art exercise facility designed for convenient workouts. Our objective is to assist you in developing a lifetime program of regular exercise and wellness. Students may attend class anytime our facility is open. See page 88 for a list of hours.

All students will complete an orientation, see page 88.

4	4171	FIT CTR	TBA	TBA	N Perry
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2,4	4173	FIT CTR	TBA	TBA	N Perry
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4	4181	FIT CTR	TBA	TBA	C Saenz
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Section 4181 This section is designed for ESL (English as a Second Language) students.

4	4177	FIT CTR	TBA	TBA	N Perry
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Section 4177 meets 12 weeks 09/19 - 12/09.

2,4	4179	FIT CTR	TBA	TBA	N Perry
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Section 4179 meets 12 weeks 09/19 - 12/09.

PED101XP Weight Training \$65 1

The Weight Training Program is held in a state of the art exercise facility designed for convenient workouts. Our objective is to assist you in developing a lifetime program of regular exercise and wellness. Students may attend class anytime our facility is open.

All students will complete an orientation, see page 88.

4	4253	FIT CTR	TBA	TBA	Staff
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Section 4253 meets 8 weeks 08/20 - 10/14.

4	4255	FIT CTR	TBA	TBA	Staff
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Section 4255 meets 8 weeks 10/17 - 12/09.

PED116 Aerobics for Wellness \$130 2

The Aerobics Program has a variety of scheduled classes each semester. Classes offered may include: Stretch/Sculpt, Low Impact, Cardio-Combo, Body Sculpt, Circuit, Stretch, Powerball, and Kick Boxing. Our classes run Monday through Saturday and students may attend any of the classes daily.

All students will complete an orientation, see page 88.

4	4183	SGYM	TBA	TBA	A Styles
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2,4	4185	SGYM	TBA	TBA	A Styles
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4	4191	SGYM	TBA	TBA	C Saenz
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Section 4191 This section is designed for ESL (English as a Second Language) students.

4	4187	SGYM	TBA	TBA	A Styles
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Section 4187 meets 12 weeks 09/19 - 12/09.

2,4	4189	SGYM	TBA	TBA	A Styles
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Section 4189 meets 12 weeks 09/19 - 12/09.

PED117 Weight Training for Wellness \$130 2

The Weight Training Program is held in a state of the art exercise facility designed for convenient workouts. Our objective is to assist you in developing a lifetime program of regular exercise and wellness. Students may attend class anytime our facility is open. See page 88 for a list of hours.

All students will complete an orientation, see page 88.

4	4193	FIT CTR	TBA	TBA	N Perry
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2,4	4195	FIT CTR	TBA	TBA	N Perry
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4	4197	FIT CTR	TBA	TBA	N Perry
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Section 4197 meets 12 weeks 09/19 - 12/09.

2,4	4199	FIT CTR	TBA	TBA	N Perry
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Section 4199 meets 12 weeks 09/19 - 12/09.

Subj. Code	Course Title	*\$	Credits
Ftnt.	Sect # Bldg/Rm	Days	Time
			Instructor

Senior Wellness-Cardiac*Enrollment by permission only.***PED115 Lifetime Fitness \$130 2**

The Phoenix College Senior Wellness Program is a comprehensive program designed to help individuals remain healthy. The goal of the program is to work toward and maintain an optimal level of fitness through medically supervised and monitored exercise training and education. A physicians release and permission from an instructor is required.

1,4	4165	NGYM	MWF	6:30-8:00A	P McElmeel
<i>Section 4165 meets 22 weeks 08/22 - 01/13.</i>					

1,4	4167	NGYM	MWF	8:00-9:30A	P McElmeel
<i>Section 4167 meets 22 weeks 08/22 - 01/13.</i>					

Health Science**HES100 Healthful Living \$165 3**

Health and wellness and their application to an optimal life style. Explores current topics of interest such as stress management, nutrition, fitness, and environmental health. Evaluates common risk factors associated with modern lifestyles. Prerequisites: None.

2631	PSB 26	MWF	12:00-12:50P	Staff
6972	K 101	M	5:30-8:00P	Staff

Recreation

Phoenix College and ASU West have a 2+2 Program. Your first two years of coursework can be completed at Phoenix College. You can then transfer to ASU West to complete your B.S. degree in Leisure Studies (Recreation).

REC120 meets Social & Behavioral Science requirements.

REC120 Leisure and the Quality of Life \$165 3

Overview of the historical, psychological, social, and cultural aspects of play, leisure, and recreation and their role in contemporary society. Nature of play and leisure behavior in human development within different cultures and the contribution play, recreation, and leisure make to the quality of life for individuals in today's society. Prerequisites: None.

7862	PSB 26	M	5:30-8:00P	L Adams III
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Wellness/Healing Arts

All the WELLNESS classes are designed to acquaint the individual with alternative medicine. These classes can be taken for a letter grade or P/Z (pass/no credit).

WED151 Introduction to Alternative Medicine \$165 3

Definition of health; exploration of mind-body-spirit connection in health; various therapeutic modalities; identification of strengths and limitations of alternative therapies. Also includes development of ability to critically review written material in the alternative therapy area. Prerequisites: None.

4943	OSW205	M	9:30-12:00P	Madeish-Jensen
8625	PSB 26	W	5:30-8:10P	Madeish-Jensen

Subj. Code	Course Title	*\$	Credits
Ftnt.	Sect # Bldg/Rm	Days	Time
			Instructor

WED156 Humor and Play \$55 1

Physiological, psychological, emotional, and intellectual effects of humor and play; suggestions for planning periods of play and incorporating it into one's life. Prerequisites: None.

4945	OSW205	T	12:20-2:00P	C Zimmerman
<i>Section 4945 meets 8 weeks 10/18 - 12/06.</i>				

WED162 Meditation and Wellness \$55 1

Physiology of meditation and its effects on physical and mental health; scholastic abilities and interpersonal relationships; differentiation between meditation and other relaxation techniques. Prerequisites: None.

4947	OSW205	R	3:00-4:40P	R Anderson
<i>Section 4947 meets 8 weeks 10/20 - 12/15.</i>				

WED165 Overview of Massage Therapy \$110 2

History of massage; overview of bodywork systems; benefits and indications of massage; legal requirements for practice in Arizona. Prerequisites: None.

4949	OSW205	F	8:00-10:30A	D Connor
<i>Section 4949 meets 10 weeks 08/26 - 10/28.</i>				

8627	OSW205	M	5:30-8:10P	Staff
<i>Section 8627 meets 10 weeks 10/03 - 12/05.</i>				

WED170 Principles of Homeopathy \$55 1

Origins of homeopathy; key concepts; perceptions of disease; schools of homeopathy; scientific studies; preparation of remedies; case taking. Prerequisites: None.

8629	PSB 26	S	9:00-1:30P	E Udell
<i>Section 8629 meets 3 weeks 10/15 - 10/29.</i>				

WED172 Overview of Herbal Remedies \$75 1

History and evolution of herbs for healing applications. Preparation, usage, and effects of certain herbs used for healing purposes. Basic literature review skills in the area of herbal medicine. Prerequisites: None.

8631	DB 222	R	5:00-6:40P	S Fowler
<i>Section 8631 meets 8 weeks 08/25 - 10/13.</i>				

WED176 Flower Essences \$79 1

Healing properties of Bach flower remedies; Bach's development of remedies and his philosophy of healing; use and preparation of a variety of flower essences. Prerequisites: None.

4	8633	H 105	R	5:00-6:40P	L Crider
<i>Section 8633 meets 7 weeks 10/20 - 12/15.</i>					

WED215 Self-Care for Health Care Providers \$135 2

Emphasis on mind-body methods for personal wellness through integration of physical, emotional, social, and spiritual dimensions of being. Development of a personal practice to achieve and sustain a balanced lifestyle to support personal health and well being. Prerequisites: None.

4	4951	OSW205	T	9:30-12:00P	L Ligon
<i>Section 4951 meets 10 weeks 08/23 - 10/25.</i>					

4	8635	OSW205	T	4:00-6:30P	L Ligon
<i>Section 8635 meets 10 weeks 10/04 - 12/06.</i>					

Subj. Code	Course Title	*\$	Credits
Ftnt.	Sect # Bldg/Rm	Days	Time
			Instructor

WED218 Aromatherapy \$80 1

Physiology of aromatherapy; methods of use; preparation of oils; uses in sports, beauty care, massage, child care, health care, at work, and in the home. Prerequisites: None.

4	8637	OSW107	S	9:00-1:30P	K McLaren
<i>Section 8637 meets 3 weeks 09/24 - 10/08.</i>					

Health Information Technology

Department Chair: Dr. B. Petterson

Many of the Health Information Technology prerequisites are also listed under HCC (Health Care Core). For a complete listing see pages 86-87. For additional information, students should contact their Program Advisor or the Program Director.

HIT101 Introduction to Health Information \$125 2

Investigation of career opportunities, ethics, history, and functions of the health information management profession. The origination, content, and development of patient indexes and patient records. Design and maintenance of manual and computerized health information systems for filing, numbering, and storage of patient information. Prerequisites: HCC130 or permission of instructor.

1,4	2763	E 224	T	9:00-11:40A	D Dennis
HYBRID					

Section 2763 is a hybrid course meeting online and in the classroom on Tuesdays, see page 122 for complete information.

HIT106 Legal Aspects of Health Information \$180 3

Legal aspects of health records, health information, and the health information department. Application of general principles of law and health information management to legal proceedings. Emphasis on patient privacy and confidentiality, types of consents, and proper release of health information. Prerequisites: HCC130 or permission of instructor.

1,4	2765	PC WEBCT			D Dennis
<i>Section 2765 PC WEBCT is an online course, see page 122 for complete information. Students must attend an in-person orientation session on Monday, August 22, in the PC Library, Encanto Room, at 4:00-5:00pm.</i>					

HIT150 Health Care Data \$115 2

Introduction to data collection methods for health information systems. Study of the datasets and databases used in various health care settings. Overview of the creation and maintenance of health information disease registries and indexes. Prerequisites: [HIT 101 and (BPC110 or CIS105)], or permission of instructor.

1,4	2767	E 224	R	12:00-2:40P	D Dennis
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Subj. Code	Course Title	*\$	Credits
Fnt.	Sect # Bldg/Rm	Days	Time

HIT180 Introduction to Medical Billing and Reimbursement \$110 2

An overview of the medical billing profession, the claims process, and federal billing guidelines. Study of major medical third-party payers including coverage offered, client eligibility, and reimbursement methodologies. Prerequisites: HCC130 or permission of instructor.

1 2768 E 211 T 1:00-2:40P N Marcotte

HIT181 Medical Claims Processing \$175 3

Application of third-party payer billing information to claims processing in the non-hospital setting. Use of the computer for claims submission. Management of claims to ensure confidentiality, data retention, and successful payment for services. Prerequisites: [(BPC101AA or BPC/CIS121AE) and HIT 180], or permission of Program Director. Prerequisites or Corequisites: (HIT185 and HIT212), or permission of Program Director.

1,4 6983 E 224 W 5:00-9:30P Staff

HIT185 ICD Diagnostic Coding \$175 3

International Classification of Diseases (ICD) diagnostic code assignment. Use of appropriate guidelines and federal, state, and local compliance standards for diagnoses. Prerequisites: [HCC145 and (BIO160 or BIO202)], or permission of Program Director.

1,4 6987 E 211 M 4:00-8:40P Staff

HIT201 Health Information Statistics and Research \$120 2

Compilation and usage of various types of administrative and health care statistics including vital records. Overview of the health information research process. Use of computers for computation and data display. Prerequisites: [(BPC110 or CIS105), HIT101, and MAT102], or permission of instructor.

1,4 2769 E 224 T 12:00-3:40P B Petterson

HIT204 Cancer Registry \$230 4

Requirements for managing a cancer registry, including comparisons of systems and data related to a hospital and central cancer registry and other registry standard-setting organizations. Organization and management of the basic functions of cancer registry operations. Analysis and presentation of cancer data and use in studies. Prerequisites: HCC145 or permission of instructor. Corequisites: (BIO202 and HIT150) or permission of instructor.

1,4 6989 E 211 TR 5:30-8:20P Staff

HIT206 Documentation Standards \$115 2

Standards and regulations for health records according to state, federal and accrediting agencies for health care facilities. Development of health information guidelines and methods to ensure timely and complete documentation. Prerequisites: HIT101 or permission of instructor.

1,4 6991 E 224 R 5:00-7:40P Staff

Subj. Code	Course Title	*\$	Credits
Fnt.	Sect # Bldg/Rm	Days	Time

HIT207 Health Information Management and Supervision \$110 2

Principles and practices essential to the efficient supervision and management of health information departments. Planning, organizing, directing, and controlling health information processes, personnel, finances, and space. Prerequisites: (HIT106 and HIT206), or permission of instructor.

1 2771 E 211 M 11:00-12:40PB Petterson

HIT209 ICD Procedure Coding and Inpatient ICD Applications \$120 2

International Classification of Diseases (ICD) procedure code assignment. Use of appropriate coding guidelines and federal, state, and local compliance standards for procedures. Application of diagnostic and procedural codes for inpatient settings. Prerequisites: (BIO202, HCC204, and HIT185), or permission of Program Director.

1,4 6993 E 224 T 4:30-8:20P Staff

HIT211 Advanced Applications of ICD Coding \$120 2

Use of references, source documents, and computers for code assignment. Diagnostic-related group guidelines and federal regulations for hospital-based settings. Coding guidelines for home health, long term care, rehabilitation, and other health care settings. Use of codes for administrative purposes, marketing, state and county requirements. Prerequisites: (BIO202, HCC204, and HIT185), or permission of Program Director.

1,4 6995 E 224 R 4:30-8:20P Staff

HIT212 CPT Coding I \$120 2

Introduction to Current Procedural Terminology (CPT) from both facility and physician perspectives. General content, coding guidelines, and the role in healthcare reimbursement. Coding of basic medical and surgical services including use of modifiers. Introduction to computerized encoders. Ethical coding and compliance issues highlighted. Prerequisites: [HCC145 and (BIO160 or BIO202)], or permission of Program Director.

1,4 6997 E 211 W 4:30-7:10P Staff

HIT214 CPT Coding II \$120 2

In-depth exposure to CPT coding, reimbursement trends, guidelines, and coding from source documents. Application of current evaluation and management documentation guidelines. Emphasis on surgical procedures from a technical as well as a coding standpoint. Appropriate assignment of CPT and HCPCS Level II modifiers. Prerequisites: (HCC204 and HIT212), or permission of Program Director.

1,4 6999 E 224 M 4:30-8:10P Staff

Subj. Code	Course Title	*\$	Credits
Fnt.	Sect # Bldg/Rm	Days	Time

HIT217 Health Information Seminar I \$55 1

Theory of and practice in specialized health information activities. Forum for discussion of classroom, laboratory, and clinical affiliation experiences. Prerequisites: (HIT106, HIT150, HIT201, and HIT206), or permission of Program Director. Corequisite: HIT218 or permission of Program Director.

1,8 2777 E 211 M 1:00-1:40P B Petterson

HIT218 Professional Practice \$60 1

Practical application of acquired health information technical knowledge in health care settings. Prerequisites: (HIT106, HIT150, HIT201, and HIT206), or permission of Program Director. Corequisite: HIT217 or permission of Program Director.

1,4,8 2779 TBA TBA TBA B Petterson
Section 2779 The first class meets August 22 at 1:00pm with HIT217 and requires Department approval/signature to enroll.

HIT219 Health Information Systems \$175 3

Overview of the fundamental concepts and terminology of health information systems with emphasis on computer systems for health information functions. Review of concepts influencing electronic and computerized patient records and automation of health information management functions. Prerequisites: (HIT150 and HIT206), or permission of instructor.

1,4 2781 E 211 M 9:00-10:40A D Dennis
E 224 W 10:00-12:50P

Hebrew

Department Chair: Dr. V. Foster
Evening Coordinator: Ms. D. Escalante

HEB101 Elementary Hebrew I \$225 4

Introduction to basic grammar, pronunciation, and vocabulary of the Hebrew language. Emphasis on language skills in listening, speaking, reading, and writing. Study of Hebrew speaking culture. Prerequisites: None.

4 6883 B 102 MW 5:15-6:55P Staff

Subj. Code	Course Title	*\$	Credits		
Ftnt.	Sect #	Bldg/Rm	Days	Time	Instructor

Histology Technician

Department Chair: Ms. L. Ligon
Program Director: Ms. J. Stiak

Histology Technicians provide clinical support to pathologists and researchers through application of technical expertise in processing body tissues for microscopic examination, frozen section assistance, embedding techniques, microtomy and special staining techniques. The Histology Technician Program is an eight month program scheduled April through December, and is offered as a certificate and associate degree program. For information regarding this program, please contact Julie Stiak, 602-285-7735 or visit our web site at www.pc.maricopa.edu/healthenhancement/Histology.htm

HCE175 Histology Techniques

Level 3 \$190 3

Recognition of basic cellular structure. Identification of carbohydrates classification, pigments, minerals, and lipids in tissues and connective tissue structures. Explanation of chemical staining theory. Stain principles and procedures for nuclear and cytoplasmic structures, carbohydrates and lipids, connective tissue, and tissue pigments and minerals stains. Prerequisites: HCE173 and HCE174. Corequisites: HCE176.

1,4,8	6787	DB 223	S	9:00-3:30P	Staff
<i>Section 6787 meets 8 weeks 08/20 - 10/15.</i>					

HCE176 Histology Techniques

Level 3 Practicum \$165 3

Practicum in histology techniques performed in an anatomic laboratory. Recognition of basic cellular structure, carbohydrate structures, connective tissue, lipid structures, and pigments and minerals in tissues. Application of chemical staining. Emphasis on stains for nuclear and cytoplasmic structures, carbohydrates and lipids, connective tissue, and tissue pigments and minerals stains. Prerequisites: HCE173 and HCE174. Corequisites: HCE175.

1,2,8	2402	TBA	TBA	TBA	Staff
<i>Section 2402 meets 8 weeks 08/20 - 10/15.</i>					

HCE177 Histology Techniques

Level 4 \$190 3

Identification of pathologic organisms and neurological structures. Use of stains for microorganisms and neurological structures. Explanation of theories of histochemical and immunohistochemical staining. Procedures for histochemical and immunohistochemical stains. Overview of specimens for electron microscopy and autopsy procedures. Emphasis on assessing histology workflow processes, laboratory procedure manuals, and workload and productivity recording and monitors. Prerequisites: HCE175 and HCE176. Corequisites: HCE178.

1,4,8	6791	DB 223	S	9:00-3:30P	W DeSalvo
<i>Section 6791 meets 8 weeks 10/22 - 12/17.</i>					

HCE178 Histology Techniques

Level 4 Practicum \$165 3

Practicum in histology techniques performed in an anatomic laboratory. Identification of pathologic organisms and neurological structures. Use of stains for microorganisms and neurological structures. Application of histochemical and immunohistochemical stains. Observation of electron microscopy and autopsy procedures. Emphasis on histology workflow processes, laboratory procedure manuals, and workload and productivity recording and monitors. Prerequisites: HCE175 and HCE176. Corequisites: HCE177.

1,2,8	2404	TBA	TBA	TBA	W DeSalvo
<i>Section 2404 meets 8 weeks 10/22 - 12/17.</i>					

History

Department Chair: Dr. A. Celozza
Evening Coordinator: Dr. M. Wilson

HIS100 History of Western Civilization to Middle Ages

\$165 3

Survey of the origin and development of Western civilization and its institutions from prehistory through the Ancient World and the Middle Ages. Prerequisites: None.

2703	J 102	TR	8:30-9:45A	Staff	
6	2705	A 201	TR	10:00-11:15AM	Wilson
<i>Section 2705 Registration takes place in the Honors Office, DB-317.</i>					
6951	A 110	MW	5:40-6:55P	Staff	

HIS101 History of Western Civilization Middle Ages to 1789

\$165 3

Survey of origin and development of Western civilization and its institutions from the Renaissance and Reformation through Age of Enlightenment. Prerequisites: None.

2709	OSW102	TR	10:00-11:15A	Staff
6953	A 111	T	7:10-9:50P	Staff

HIS102 History of Western Civilization 1789 to Present

\$165 3

Survey of origin and development of Western civilization and its institutions from French Revolution through the present. Prerequisites: None.

6	2713	A 201	MWF	9:00-9:50A	M Wilson
<i>Section 2713 Registration takes place in the Honors Office, DB-317.</i>					
2719	A 201	TR	8:30-9:45A	M Wilson	

HIS103 United States History to 1870

\$165 3

The political, economic, and social development of United States from Colonial through Reconstruction period. Prerequisites: None.

2717	A 110	MWF	11:00-11:50A	M Wilson
6957	A 105	TR	5:40-6:55P	M Wilson

HIS104 United States History 1870 to Present

\$165 3

The political, economic, and social development of United States from Reconstruction period up to present time. Prerequisites: None.

2723	OSW102	MWF	9:00-9:50A	Staff
2725	A 111	MWF	12:00-12:50P	Staff
2727	OSW202	TR	10:00-11:15A	Staff

HIS105 Arizona History

\$165 3

The prehistoric and contemporary Native American experience, Spanish colonial times, the Mexican National period, the U.S. federal territorial years, and Arizona's political and economic development during the twentieth century. Prerequisites: None.

2731	A 111	MWF	11:00-11:50A	P Dimas
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HIS106 Southwest History

\$165 3

Survey of Hispanic, Anglo, African-American and Native cultures of the peoples who have settled the American Southwest. Emphasis on cattle, mining, fur trade and transportation industries and role development of the region. Prerequisites: None.

6963	A 111	R	7:10-9:50P	Staff
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HIS109 Mexican-American History and Culture

\$165 3

Examination of origins and development of Spanish-American and Mexican-American peoples and their contribution to culture, history and development of United States. Emphasis on Mexican-American War and its impact on educational, social, and economic conditions of the Mexican-Americans of the southwest. Prerequisites: None.

2733	A 111	MWF	9:00-9:50A	P Dimas	
2735	A 111	TR	8:30-9:45A	P Dimas	
6	2737	A 111	TR	10:00-11:15A	P Dimas
<i>Section 2737 Registration takes place in the Honors Office, DB-317.</i>					

HIS145 History of Mexico

\$165 3

Survey of the political, economic, and social forces which have shaped the development of Mexico from pre-Columbian times to the present. Prerequisites: None.

6967	OSW105	T	5:40-8:20P	Staff
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HIS170 is also offered as AIS170 (American Indian History of the Southwest), see page 52.

HIS170 American Indian History of the Southwest

\$165 3

Covers history of Indian peoples in the southwestern United States from pre-Columbian era to the present. Includes historical events, the development and implementation of Spanish-Mexican and United States' policies and their impact on Indian peoples in these areas, and current issues of importance to Indian peoples. Prerequisites: None.

2739	TBA	TR	10:00-11:15A	R Walker
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Subj. Code	Course Title	*\$	Credits
Fnt.	Sect # Bldg/Rm	Days	Time

HIS201 History of Women in America \$165 3

Introduction to women's history from the colonial period to the present. Deals chronologically with changes and developments which have influenced the lives of women. Prerequisites: None.

2743	A 111	TR	11:30-12:45P	Staff
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HIS203 African-American History I \$165 3

History and cultural heritage of African-Americans from their beginnings in Ancient Africa through the experience of chattel slavery in the Americas to their eventual emancipation and participation in the American Civil War. Prerequisites: None.

2745	J 130	TR	11:30-12:45P	Staff
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HIS243 World Religions is also offered as PHI243 (see page 112) and REL243 (see page 116).

HIS243 World Religions \$165 3

The development of various religions from the prehistoric to modern times. Political, economic, social and geographic relationships among world religions. Consideration of both Eastern and Western religions. Prerequisites: None.

2747	C 211	MWF	10:00-10:50A	A Celoz
2749	C 211	MWF	11:00-11:50A	A Celoz
6971	A 105	MW	5:40-6:55P	Staff
6973	A 110	T	7:10-9:50P	D Miehl

Home Economics

See:

Child and Family Studies (CFS)
Food and Nutrition (FON)
Interior Design (INT)
Textiles and Clothing &
Fashion Design (TEC)

Subj. Code	Course Title	*\$	Credits
Fnt.	Sect # Bldg/Rm	Days	Time

Home Inspection Program

Department Chair: Mrs. C. Cloud

Students pursuing a Business Department certificate or degree program and all Business transfer students are strongly encouraged to seek advisement from a Business Department faculty member. Stop by B330 or call 602-285-7387.

HIP101 Home Inspection: Complete Standards, Requirements, and Procedures \$395 7

Coverage of the home inspection profession including practice standards, inspection requirements, and inspection procedures. Emphasis on applying knowledge of structures, exteriors, roofing, plumbing, electrical, heating, cooling, insulation, and ventilation; interiors as it pertains to their types, materials, application, installation, and construction techniques; and home inspection standards in the performance of a home inspection to determine the current condition of a residential dwelling. Prerequisites: None. Course Note: This course is intended to satisfy the state of Arizona's requirement for 80 hours of post-secondary education for certification of home inspectors and will cover all home inspection areas mandated by Arizona state law.

HIP101 is offered once each year during the fall semester only.

4	6903	B 308	S	8:30-4:30P	Staff
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Section 6903 begins Saturday, August 20.

HIP110 Home Inspection: Review and Examination \$60 1

Complete review of the home inspection profession including professional practice standards, inspection requirements, and inspection procedures. Prerequisites: HIP101 or (HIP101AA, HIP101AB, HIP101AC, HIP101AD, HIP101AE, HIP101AF, HIP101AG, HIP101AH, HIP101AI, and HIP101AJ) with a grade of "C" or better, and at least 80 hours of college-verified attendance, or permission of department. Course Note: Students must score at least 70% on the final exam to receive a grade of "C" or better.

HIP110 is offered once each year during the fall semester only.

1,4	6905	B 307	M	6:00-9:30P	Staff
		B 321	W	6:00-9:30P	

Section 6905 meets 2 weeks 12/12 - 12/21.

Subj. Code	Course Title	*\$	Credits
Fnt.	Sect # Bldg/Rm	Days	Time

Honors Program

Program Director: Dr. M. Gibney

Registration for Honors courses takes place in the Honors Office, Building DB, Room 317. Students with a 3.25 or higher GPA are eligible for the Honors Program. Scholarships and fee waivers are available. Recent high school graduates may also qualify. For information, call 602-285-7305.

An appropriate placement test score or a grade of 'C' or better in MAT120, MAT122, or equivalent is required of students enrolling in MAT151. A graphing calculator is required for MAT151. CIS105 requires the student to arrange one additional lab hour per week.

Check the Honors Office DB-317 for additional day and evening courses.

Students must enroll in both the BIO105 lecture and lab.

BIO105 Environmental Biology \$235 4

Fundamentals of ecology and their relevance to human impact on natural ecosystems. Field trips may be required at students' expense. Prerequisites: None.

4,6,7	0385	DB 106	MW	8:00-9:15A	Staff
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BIO105 Laboratory for BIO105 \$25 0

4,6	0392	DB 106	W	1:00-3:50P	Staff
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BPC110 Computer Usage and Applications \$180 3

Introduction to business and personal computer operations and usage. Software applications for analyzing and solving business problems including word processing, spreadsheet, database, and presentation graphics. Prerequisites: None.

4,6	0677	B 229	MW	8:00-9:40A	D Fladhammer
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CFS176 Child Development \$170 3

Study of human development from the prenatal stage through adolescence, with consideration of parent and adult roles in the life experience of the growing child. Independent observation of children and personal investigation into child-related issues in contemporary America included. Prerequisites: None.

4,6	0809	DB 329	MWF	11:00-11:50A	Staff
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CIS105 Survey of Computer Information Systems \$180 3

Overview of computer technology, concepts, terminology, and the role of computers in society. Discussion of social and ethical issues related to computers. Use of word processing, spreadsheet, database, and presentation software. Includes programming and use of the Internet. Exploration of relevant emerging technologies. Prerequisites: None.

4,6	0959	B 302	M	1:00-2:15P	D Stark
		B 323	W	1:00-2:15P	
4,6	0963	B 302	T	8:30-9:45A	D Stark
		B 206	R	8:30-9:45A	

Subj. Code	Course Title	*\$	Credits
Ftnt.	Sect # Bldg/Rm		Instructor
	Days	Time	

Subj. Code	Course Title	*\$	Credits
Ftnt.	Sect # Bldg/Rm		Instructor
	Days	Time	

Subj. Code	Course Title	*\$	Credits
Ftnt.	Sect # Bldg/Rm		Instructor
	Days	Time	

Honors Program (Cont.)

COM100 Introduction to Human Communication \$165 3

Theory and practice of communication skills in public, small group, and interpersonal settings. Includes study of the speech communication process. Prerequisites: None.

6 1017 H 105 TR 8:30-9:45A C Bolton

COM225 Public Speaking \$165 3

Designed to improve one's self-confidence and self-concept through improving communication skills used in public speaking. To enhance each student's ability to present his/her ideas in an organized, time constrained format. To improve critical thinking skills and enhance student's ability to express himself or herself objectively, subjectively, and creatively. Prerequisites: ENG101 or ENG107, or equivalent.

6 1051 H 102 TR 11:30-12:45P E O'Brien

6 1053 H 102 TR 1:00-2:15P S Soller

DHE courses are restricted to students in the Dental Hygiene Program.

DHE212 Dental Hygiene Theory II \$110 2

Study of the dental hygiene process of care with emphasis on comprehensive care planning, case presentation, and clinical decision making. Introduction to advanced periodontal instrumentation. Prerequisites: DHE132 and DHE133 and admission to the Dental Hygiene Program. Corequisites: DHE213.

1,7 1311 R 133 R 10:00-11:50A D Kappes

DHE213 Dental Hygiene Clinic II \$800 5

Application of the dental hygiene process of care with emphasis on comprehensive care planning, case presentation, clinical decision making, advanced instrumentation and improved time utilization. Prerequisites: DHE132 and DHE133 and admission to the Dental Hygiene Program. Corequisites: DHE212.

1,4,8 1313 R 145 MW 8:30-5:00P L Garcia

1,4,8 1315 R 145 MW 8:30-5:00P D Kappes

1,4,8 1317 R 145 MW 8:30-5:00P Kurtz-Weidinger

DHE225 Periodontics \$165 3

Principles of periodontology; etiology, microbiology, pathogenesis, classification and characteristics of healthy and diseased periodontal tissues. Surgical treatment of periodontal disease and the effects of dental hygiene therapy, surgical techniques and maintenance therapy. Evaluation of the scientific literature and multi-media resources are used extensively. Prerequisites: Admission to the Dental Hygiene Program or permission of instructor.

1 1319 R 133 R 9:00-9:50A Kurtz-Weidinger

R 133 F 8:00-9:50A

ECN111 Macroeconomic Principles \$185 3

A descriptive analysis of the structure and functioning of the American economy. Emphasis on basic economic institutions and factors that determine national income and employment levels. Consideration given to the macroeconomic topics of national income, unemployment, inflation and monetary and fiscal policies. Prerequisites: None.

6,4 1371 A 106 MWF 12:00-12:50P Bromley

ENG101 First-Year Composition \$165 3

Standard English writing skills. Emphasis on expository composition. Prerequisites: Appropriate English placement test score or (a grade of "C" or better in ENG071).

6 1679 B 107 MWF 10:00-10:50A M Mitchell

6 1711 DB 224 TR 8:30-9:45A P Zaccardo

ENH204 Introduction to Contemporary Literature \$165 3

Survey of poetry, fiction, and drama from 1945 to the present. Prerequisites: None.

6 2016 B 106 TR 1:00-2:15P L Miller

GBS151 Introduction to Business \$170 3

Characteristics and activities of current local, national, and international business. An overview of economics, marketing, management and finance. Prerequisites: None.

4,6 2237 B 302 MWF 11:00-11:50A C Cloud

GRK101 Elementary Classical Greek I \$225 4

First semester course in classical Greek, emphasis on written structures of language. Attention placed on classical Greek pronunciation. Prerequisites: None.

4 2353 A 101 TR 1:00-2:40P Staff

HIS100 History of Western Civilization to Middle Ages \$165 3

Survey of the origin and development of Western civilization and its institutions from prehistory through the Ancient World and the Middle Ages. Prerequisites: None.

6 2705 A 201 TR 10:00-11:15AM Wilson

HIS102 History of Western Civilization 1789 to Present \$165 3

Survey of origin and development of Western civilization and its institutions from French Revolution through the present. Prerequisites: None.

6 2713 A 201 MWF 9:00-9:50A M Wilson

HIS109 Mexican-American History and Culture \$165 3

Examination of origins and development of Spanish-American and Mexican- American peoples and their contribution to culture, history and development of United States. Emphasis on Mexican-American War and its impact on educational, social, and economic conditions of the Mexican-Americans of the southwest. Prerequisites: None.

6 2737 A 111 TR 10:00-11:15A P Dimas

HUM209 Women and Films \$165 3

Analysis of images of women in films from both historical and contemporary perspectives. Prerequisites: None.

6 2833 B 101 MW 12:00-1:15P P Zaccardo

INT115 Historical Architecture and Furniture \$170 3

Historical survey of the development of furniture, interiors, and architecture from antiquity to the 19th Century. Prerequisites: None.

4 7095 DB 331 M 6:05-8:45P C Parker

INT120 Modern Architecture and Furniture \$170 3

Survey of the development of furniture, interiors, and architecture from the 19th Century to the present. Emphasis is on modern architects and designers. Prerequisites: None.

4 2877 DB 331 MW 9:00-10:15A Staff

LAT101 Elementary Latin I \$225 4

Introduction to the basic grammar and vocabulary of the Latin language. Practice reading and translating Latin into English. Prerequisites: None.

6,4 3063 OSW106 MWF 8:45-9:55A M Schlueter

6,4 3065 A 110 MW 2:45-4:25P M Schlueter

LAT201 Intermediate Latin I \$225 4

Introduction to translation technics using selections from various authors; emphasis on use of primary texts. Prerequisites: LAT102.

6,4 3067 A 110 MW 1:00-2:40P M Schlueter

MAT151 College Algebra / Functions \$225 4

Analysis and interpretation of the behavior and nature of functions including polynomial, rational, exponential, logarithmic, power, absolute value, and piecewise-defined functions; systems of equations, modeling and solving real world problems. Additional topics may include matrices, combinatorics, sequences and series, and conics. Prerequisites: Grade of "C" or better in MAT120, or MAT121, or MAT122, or equivalent, or satisfactory score on District placement exam. Course Note: May receive credit for only one of the following: MAT150, MAT151, MAT152, or MAT187.

6,4 3251 A 200 MTWR 8:00-8:50A T Adamson

Subj. Code	Course Title	*\$	Credits	
Fnt.	Sect # Bldg/Rm	Days	Time	Instructor

MGT251 Human Relations in Business \$165 3

Analysis of motivation, leadership, communications, and other human factors. Cultural differences that may create conflict and affect morale individually and within organizations. Prerequisites: None.

3385	B 126	TR	10:00-11:15A	D Sheehan
7505	B 126	T	7:10-9:50P	M Spaulding

PHI101 Introduction to Philosophy \$165 3

General consideration of human nature and the nature of the universe. Knowledge, perception, freedom and determinism, and the existence of God. Prerequisites: None.

6	4297	A 202	MWF	9:00-9:50A	I Genna
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PHI105 Introduction to Ethics \$165 3

Major theories of conduct. Emphasis on normative ethics, theories of good and evil from Plato to the present. Prerequisites: None.

6	4313	A 201	MWF	10:00-10:50A	R Sullivan
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PSY101 Introduction to Psychology \$170 3

To acquaint the student with basic principles, methods and fields of psychology such as learning, memory, emotion, perception, physiological, developmental, intelligence, social and abnormal. Prerequisites: None.

4,6	4407	DB 223	MWF	10:00-10:50A	A Marin
4,6	4431	DB 222	TR	10:00-11:15A	R Fernie

SBU200 Society and Business \$170 3

The study of issues and demands placed on business enterprise by owners, customers, government, employees and society. Included are social, ethical and public issues and analysis of business responses. Prerequisites: None.

4,6	4649	B 306	MWF	9:00-9:50A	C Cloud
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TEC105 Clothing Selection \$165 3

Psychological, aesthetic, and economic factors applied to the selection of clothing in relation to personality and figure type. Prerequisites: None.

4	4881	DB 137	MW	9:30-10:45A	S Lutz
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TEC106 History of Fashion \$165 3

Consideration of historic factors influencing fashion and fashion change with special emphasis on historic costume. Prerequisites: None.

8533	K 101	T	6:05-8:45P	D Sewell
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Subj. Code	Course Title	*\$	Credits	
Fnt.	Sect # Bldg/Rm	Days	Time	Instructor

Humanities

Department Chair: Dr. N. Matte

Note: Humanities requirements for graduation can also be met by completing selected courses listed under Art Humanities, English Humanities, Foreign Language, Music History/Literature, Religious Studies, Philosophy and Theater Humanities.

HUM205 Introduction to Cinema \$165 3

Survey of the history and development of the art of motion pictures, including criticism of aesthetic and technical elements. Prerequisites: None.

2823	T 101	MWF	9:00-9:50A	M Turvin
2825	T 101	TR	8:30-9:45A	M Turvin
2827	T 101	TR	10:00-11:15A	M Turvin
2829	T 101	TR	11:30-12:45P	G Burgess
7053	T 101	S	9:00-2:00P	V Tennyson

Section 7053 meets 8 weeks 10/01 - 11/19.

HUM209 Women and Films \$165 3

Analysis of images of women in films from both historical and contemporary perspectives. Prerequisites: None.

6	2833	B 101	MW	12:00-1:15P	P Zaccardo
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Section 2833 Registration takes place in the Honors Office, DB-317.

HUM210 Contemporary Cinema \$165 3

A study of contemporary films, directors and critics with emphasis on evaluating film as an art form. Prerequisites: None.

2835	T 101	T	1:30-4:00P	Staff
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HUM213 Hispanic Film \$165 3

Analysis of Hispanic film as art form and as social commentary. Prerequisites: None.

7059	J 134	R	4:15-6:55P	V Tennyson
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HUM292 The Art of Storytelling is also offered as EDU292 (see page 72) and STO292 (see page 119).

HUM292 The Art Of Storytelling \$165 3

Explore the art and origin of storytelling. Provide a variety of storytelling techniques, styles and exercises to enhance the delivery of telling stories. Assist in the integration and application of storytelling to the learning environment in the classroom. Prerequisites: None.

2837	H 105	TR	10:00-11:15A	C Bolton
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Subj. Code	Course Title	*\$	Credits	
Fnt.	Sect # Bldg/Rm	Days	Time	Instructor

Information Literacy

Department Chair: Ms. E. Saliba

IFS101 Information Skills in the Digital Age \$165 3

Development of skills and competency in accessing, evaluating and using information resources while examining the social and historical context, as well as the technological implications of the use and organization of information. Prerequisites: ENG101, or ENG107, or equivalent.

2851	L 122	MWF	10:00-10:50A	Staff
2853	L 122	TR	8:30-9:45A	E Saliba
7071	L 122	M	5:40-8:10P	A Roselle

Information Security Technology

Department Chair: Mrs. K. Green
Coordinator: Mrs. K. Green

ITS120 Legal, Ethical and Regulatory Issues \$180 3

Exploration of legal and ethical issues unique to information security. Analysis of professional ethical codes and their application to information security practitioners. Federal and state laws as they relate to information security. Prerequisites: ITS110 or permission of instructor.

2861	PC WEBCT			S Hauert
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Section 2861 PC WEBCT is an online course, see page 122 for complete information.

ITS172 Viruses and Other Malicious Software \$55 1

Spyware, adware, viruses, worms and trojans. Available tools for identifying and removing malicious software. Techniques for analyzing the behavior of malicious software. Methods of infection and prevention of infection. Prerequisites: None.

7171	OSW201	S	10:00-12:15P	D Hauert
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Section 7171 meets 6 weeks 09/10 - 10/15.

Subj. Code	Course Title	*\$	Credits	
Ftnt.	Sect # Bldg/Rm	Days	Time	Instructor

Interior Design

Department Chair: Mrs. S. Phillips
Program Director: Mr. K. Roberts

INT105 Introduction to Interior Design \$165 3

Introduction to the profession of interior design, including design process, elements and principles of design, and basic concepts of space planning and furniture layout. Development of design vocabulary relative to architectural details, furnishings, and finishes. Prerequisites: None.

2873	DB 331	TR	8:30-9:45A	J Jewart
2875	DB 331	TR	1:00-2:15P	J Jewart
7093	DB 331	W	6:05-8:45P	Staff

INT115 Historical Architecture and Furniture \$170 3

Historical survey of the development of furniture, interiors, and architecture from antiquity to the 19th Century. Prerequisites: None.

4	7095	DB 331	M	6:05-8:45P	C Parker
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INT120 Modern Architecture and Furniture \$170 3

Survey of the development of furniture, interiors, and architecture from the 19th Century to the present. Emphasis is on modern architects and designers. Prerequisites: None.

4	2877	DB 331	MW	9:00-10:15A	Staff
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INT140 Introduction to Architectural Desktop for Interior Design \$190 3

Introduction to Architectural Desktop AutoCAD(tm) tools for the interior designer with emphasis on industry-accepted standards for interior design following American Institute of Architects (AIA) guidelines. Prerequisites: DFT121.

1,4	7097	DB 136	T	5:00-9:00P	K Roberts
<i>Section 7097 requires one additional hour per week outside of class time.</i>					

INT145 Drawing and Rendering \$175 3

Development of basic freehand sketching and perspective drawing skills. Explores styles and techniques with emphasis on quick sketch and presentation type drawings as used by design professionals. Prerequisites: DFT121.

1,4	7099	DB 136	M	5:00-9:00P	Staff
<i>Section 7099 requires one additional hour per week outside of class time.</i>					

INT150 Color and Design \$175 3

Introduction to the theory and application of color as related to the elements and principles of design. Light and its effect on color. Emphasis on the development of presentation skills for the field of interior design. Prerequisites: None.

4	2881	DB 136	MW	10:30-1:00P	K Roberts
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Subj. Code	Course Title	*\$	Credits	
Ftnt.	Sect # Bldg/Rm	Days	Time	Instructor

INT160 Fabrics for Interiors \$170 3

Study of the properties, design, and performance characteristics of interior fabrics. Psychological and cultural impact of textiles on the built environment. Role of the interior designer in working with textiles. Introduction to regulations and codes within the textile industry. Prerequisites: None.

4	2883	DB 330	TR	8:30-9:45A	Staff
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INT175 Custom Design \$175 3

Custom design for interiors. Creative problem solving using design theory and process. Visualization of concepts through sketching. Prerequisites: INT105 and DFT121.

1,4	7101	DB 136	W	5:00-9:00P	C Parker
<i>Section 7101 requires one additional hour per week outside of class time.</i>					

INT190 Space Planning \$175 3

Study of creative, critical, analytical and strategic thinking as it relates to human behavior and the built environment. Emphasis on the design process and tasks within each phase of the process. Stresses creative expression through the utilization of design elements and principles. Prerequisites: INT105 and DFT121. INT140 or DFT105 recommended but not required.

4	7103	DB 136	R	5:00-9:00P	L Jones
<i>Section 7103 requires one additional hour per week outside of class time.</i>					

INT240 Kitchen and Bath Design \$175 3

Exploration into the specific requirements associated with kitchen and bath design. Emphasis on the design process and computer-based tools for interior design. Prerequisites: (INT190 and DFT105) or INT140.

1,4	2887	DB 136	TR	10:00-12:30P	J Jewart
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INT265 Building Systems \$165 3

Study of building systems and their impact on the health, safety and welfare of the public. Prerequisites: AAS Degree in Interior Design or permission of department.

	2889	DB 136	F	11:30-2:00P	M Graber
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INT270 Commercial Design \$175 3

Creation of design solutions for commercial spaces. Focuses on issues affecting the health, safety and welfare of the public. Prerequisites: AAS Degree in Interior Design or permission of instructor.

4	2890	DB 136	TR	1:30-4:00P	Staff
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INT271AA Interior Design Internship \$55 1

Interior design work experience in the interiors industry. Required to work 80 hours. Supervised and evaluated by a faculty coordinator. Prerequisites: Departmental approval. May be repeated for a total of four (4) credits with department permission.

1,3	2891	TBA	OE/OE	OE/OE	K Roberts
<i>Section 2891 requires permission of Program Director.</i>					

Subj. Code	Course Title	*\$	Credits	
Ftnt.	Sect # Bldg/Rm	Days	Time	Instructor

INT271AB Interior Design Internship \$110 2

Interior design work experience in the interiors industry. Required to work 160 hours. Supervised and evaluated by a faculty coordinator. Prerequisites: Departmental approval. Course Note: May be repeated for a total of four (4) credits with department permission.

1,3	2893	TBA	OE/OE	OE/OE	K Roberts
<i>Section 2893 requires permission of Program Director.</i>					

INT271AC Interior Design Internship \$165 3

Interior design work experience in the interiors industry. Required to work 240 hours. Supervised and evaluated by a faculty coordinator. Prerequisites: Departmental approval.

1,3	2895	TBA	OE/OE	OE/OE	K Roberts
<i>Section 2895 requires permission of Program Director.</i>					

INT274AA Interior Design Study Tour \$55 1

A tour of the interior design industry outside of the metropolitan Phoenix area. Includes a variety of experiences and activities to enhance knowledge about this multi-faceted career. Prerequisites: Departmental approval.

1,2,3	2897	TBA	TBA	TBA	K Roberts
<i>Section 2897 Study tour will be in Santa Fe, New Mexico. Contact Program Director at 602-285-7289 for information.</i>					

INT280 Design Business Procedures \$165 3

Business procedures for the interiors industry including certification, professional practices and ethics. Emphasizes the use of a business plan and business processes used in studios. Prerequisites: INT190.

1	2899	DB 331	F	8:20-10:50A	M Graber
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International Business

Department Chair: Mrs. C. Cloud
Program Director: Ms. M. Anderson

Students pursuing a Business Department certificate or degree program and all Business transfer students are strongly encouraged to seek advisement from a Business Department faculty member. Stop by B330 or call 602-285-7387.

IBS101 Introduction to International Business \$170 3

A basic overview of international business to introduce students to international trade concepts. Focus of the course is on international business environment issues that influence global business practices, decisions and applications. Prerequisites: None.

4	2268	B 321	TR	11:30-12:55P	Staff
<i>Section 2268 meets 15 weeks 09/06 - 12/15.</i>					

Subj. Code	Course Title		*\$	Credits
Fnt.	Sect #	Bldg/Rm	Days	Time

Italian

Department Chair: Dr. V. Foster
Evening Coordinator: Ms. D. Escalante

ITA101 Elementary Italian I \$225 4

Introduction to basic grammar, pronunciation, and vocabulary of Italian. Development of speaking, listening, reading, and writing skills. Study of the Italian culture. Prerequisites: None.

4 2943 A 203 TR 10:00-11:40A A Macro

ITA102 Elementary Italian II \$225 4

Continued development of speaking, listening, reading, and writing skills in Italian. Study of Italian culture. Prerequisites: ITA101 or equivalent or departmental approval.

1,4 2945 A 203 TR 12:00-1:40P A Macro

ITA115 Beginning Italian Conversation I \$170 3

Conversational Italian. Basic sentence structure, pronunciation and vocabulary necessary to develop speaking ability in Italian. Designed for students seeking speaking and listening abilities with little emphasis on grammar. Prerequisites: None.

4 7153 A 200 TR 7:10-8:25P Staff

ITA116 Beginning Italian Conversation II \$170 3

Continued development of speaking and listening skills for effective communication in Italian. Prerequisites: ITA115 or equivalent or departmental approval.

1,4 7155 TBA TR 5:15-6:30P Staff

ITA201 Intermediate Italian I \$225 4

Review of essential grammar of the Italian language and study of the Italian Culture. Continued practice and development of reading, writing, and speaking skills. Prerequisites: ITA102 or equivalent or departmental approval.

1,4 7157 OSW206 MW 6:00-8:00P A Macro

ITA226 Intermediate Italian Conversation II \$170 3

Continued development of skills in conversational Italian for effective communication. A review of grammar including the extensive use of grammatical concepts. Continued development of vocabulary. Intensified study of Italian life and culture. Prerequisites: ITA225, or ITA201, or departmental approval.

1,4 7159 B 106 TR 5:30-6:45P A Macro

Subj. Code	Course Title		*\$	Credits
Fnt.	Sect #	Bldg/Rm	Days	Time

Japanese

Department Chair: Dr. V. Foster
Evening Coordinator: Ms. D. Escalante

JPN115 Beginning Japanese Conversation I \$170 3

Conversational Japanese. Basic sentence structure, pronunciation, and vocabulary necessary to develop speaking ability in Japanese. Designed for students seeking speaking and listening abilities, with little emphasis on grammar, reading, or writing. Prerequisites: None.

4 7193 A 204 TR 5:15-6:30P S Toyota

JPN116 Beginning Japanese Conversation II \$170 3

Continuation of conversational Japanese for survival in everyday business and social situations. Expansion of vocabulary and sentence structure through aural/oral practice. Practice in reading and writing Kana. Prerequisites: JPN115.

1,4 7195 A 101 TR 7:10-8:25P S Toyota

JPN225 Intermediate Japanese Conversation \$170 3

Continued development of skills in conversational Japanese for effective communication and study of the Japanese culture. Includes the introduction to intermediate Japanese conversation, basic structural approach to Japanese grammar, Japanese writing system and civilization. Prerequisites: JPN116 or Departmental Approval.

1,4 7197 TBA MW 5:15-6:30P S Toyota

Laboratory Assisting

Department Chair: Ms. L. Ligon
Program Director: Ms. J. Stiak

The Laboratory Assisting certificate program provides education and training for employment in various laboratories. Laboratory Assistants perform pre-analytical processes, point-of-care testing, and initiate testing to provide clinical support for testing and reporting of laboratory tests. Professional duties throughout various areas in a laboratory include specimen processing, inventory management, conducting quality control and quality assurance activities, performing point-of-care testing, selecting laboratory tests, initiating testing on automated analyzers, and using computers to assist in testing and documenting laboratory activities.

HCE109 Phlebotomy and Specimen Processing: Basic Skills \$85 1

Theory and practice of basic phlebotomy and specimen processing including laboratory test codes, equipment, and procedures. Prerequisites: None.

1,4,8 6777 C 111 TR 5:00-9:00P Staff
C 111 S 9:00-4:00P

Section 6777 meets 2 weeks 10/25 - 11/05.

Subj. Code	Course Title		*\$	Credits
Fnt.	Sect #	Bldg/Rm	Days	Time

HCE110 Practicum: Fundamental Phlebotomy Skills \$38 .5

Application of fundamental phlebotomy techniques in a clinical laboratory setting or health care environment. Prerequisites: HCE109, or permission of program coordinator.

1,4,8 2429 TBA TBA TBA Staff
Section 2429 meets 5 weeks 11/14 - 12/16.

HCE111 Phlebotomy and Specimen Processing: Advanced Techniques \$85 1

Theory and practice of advanced techniques in phlebotomy and specimen processing including laboratory test codes, equipment, and procedures. Prerequisites: HCE109 or permission of instructor.

1,4,8 6785 C 111 TR 5:00-9:00P Staff
C 111 S 9:00-4:00P

Section 6785 meets 2 weeks 11/08 - 11/19.

HCE150 Overview of Laboratory Assisting \$55 1

Overview of laboratory services, laboratory professionals, and the role of a laboratory assistant. Understanding of certification, accreditation, and regulatory agencies. Emphasis on process improvement, laboratory mathematics, documentation, medico-legal implications, and specimen integrity. Application of pre-analytical and basic testing principles, infection control, and laboratory safety. Recognition of acceptable quality control and quality management principles. Includes information systems and information management in laboratories. Importance of professional growth and ethical conduct. Prerequisites: (HCC130 and HCC145AA and HCE109 and HCE110 and HCE111), or permission of program director.

1,8 2453 C 111 W 8:00-8:50A J Stiak
Section 2453 meets 14 weeks 08/31 - 11/30.

HCE152 Laboratory Assisting: Principles and Procedures \$160 2

Principles and procedures for pre-analytical processing of laboratory specimens. Performance of specimen processing, pre-analytical processes, and point-of-care testing. Application of quality assurance, quality control, infection control, and laboratory safety. Use of laboratory supplies, instrumentation, and information systems. Performing clerical and computer functions using medico-legal guidelines for documentation. Prerequisites or Corequisites: HCE150.

1,4,8 2455 C 110 W 9:00-4:00P J Stiak
Section 2455 meets 14 weeks 08/31 - 11/30.

Subj. Code	Course Title			*\$	Credits
Ftnt.	Sect #	Bldg/Rm	Days	Time	Instructor

HCE158 Laboratory Assisting Practicum

\$110 2

Practicum in laboratory assisting based in healthcare facilities or reference laboratories. Performance of clinical skills for pre-analytical processing of laboratory specimens, initial testing phases, and point-of-care testing using laboratory instrumentation, information systems, and supplies. Application of quality assurance, quality control, infection control, and laboratory safety. Performance of clerical and computer functions using medico-legal guidelines for documentation. Use of professional and ethical conduct in all interpersonal communications. Prerequisites: HCE150 and HCE152 and permission of program director.

1,2,8 2461 TBA TBA TBA Staff
Section 2461 meets 18 weeks 11/30 - 03/29.

Subj. Code	Course Title			*\$	Credits
Ftnt.	Sect #	Bldg/Rm	Days	Time	Instructor

Latin

Department Chair: Dr. V. Foster

Registration for Latin takes place in the Classical Studies Office Building DB-317. See Classical Studies Program.

LAT101 Elementary Latin I \$225 4

Introduction to the basic grammar and vocabulary of the Latin language. Practice reading and translating Latin into English. Prerequisites: None.

6,4 3063 OSW106 MWF 8:45-9:55A M Schlueter
6,4 3065 A 110 MW 2:45-4:25P M Schlueter

LAT201 Intermediate Latin I \$225 4

Introduction to translation techniques using selections from various authors; emphasis on use of primary texts. Prerequisites: LAT102.

6,4 3067 A 110 MW 1:00-2:40P M Schlueter

Subj. Code	Course Title			*\$	Credits
Ftnt.	Sect #	Bldg/Rm	Days	Time	Instructor

LAS101 Introduction to Law \$165 3

Legal terminology and basic legal principles in the areas of tort, contract, and criminal law. Interrelationships among lawyers, the court system, and law enforcement and administrative agencies. Development of a case for trial, adjudication, and post-verdict procedures in the civil and criminal systems. Prerequisites: None.

3003	PSB 23	MWF	9:00-9:50A	K Potts	
3005	PSB 23	TR	8:30-9:45A	K Potts	
7217	OSW203	M	6:00-8:45P	A Kuffner	
7218	CC CC	T	6:00-8:45P	Staff	
<i>Section 7218 will be held at the City Colleges Center, 640 North First Avenue. Room location to be announced.</i>					
7219	PSB 27	W	6:00-8:45P	M Plati	
7221	PSB 27	S	9:00-12:00P	J Colon	
<i>Section 7221 begins Saturday, August 20.</i>					

Section 7221 (Saturday Section) meets on the following dates: 08/20, 08/27, 09/10, 09/17, 09/24, 10/08, 10/15, 10/22, 10/29, 11/05, 11/19, 12/03, 12/10.

LAS109 Legal Procedures I \$175 3

Pretrial procedural issues in both Arizona and the federal system. Emphasis on Arizona Rules of Civil Procedure 1-37, 41, 55, 56, and 72-76. Coverage of applicable time limits, filing requirements, and proficiency in locating appropriate provisions in the Arizona Rules of Civil Procedure. Drafting of pleadings and motions and the application of procedural rules pertinent to the early stages of civil litigation. Prerequisites or Corequisites: LAS101 and (BPC110 or permission of department chair or program director.)

1,4	3009	PSB 23	MWF	10:00-10:50A	K Potts
1,4	3011	PSB 23	TR	10:00-11:15A	K Potts
1,4	7225	OSW204	M	6:00-8:45P	Staff
1,4	7227	PSB 23	W	6:00-8:45P	Staff
1,4	7229	H 102	R	6:00-8:45P	Staff

LAS110 Legal Procedures II \$168 3

Application of the procedural aspects of discovery, trial preparation, and post-trial work as part of a litigation team. Emphasis on practical concerns, such as interviewing of witnesses; preparation of discovery documents, exhibits, and transmittal memoranda; summarizing and indexing depositions; organization of files; preparation of trial notebooks; and participation in a mock trial. Prerequisites: LAS109 and (BPC110 or permission of department chair or program director.)

1,4	3015	PSB 23	MWF	11:00-11:50A	K Potts
1,4	7233	PSB 27	M	6:00-8:45P	R Daninger
1,4	7235	K 101	R	6:00-8:45P	C Zamora



Beginning Fall 2005, Phoenix College will offer classes at the City Colleges Center.

LAS101 Introduction to Law

see page 98 for course details or call (602) 285-7216.

LAS204 Business Law for Legal Assistant

see page 99 for course details or call (602) 285-7216.

And more!

For more information and a complete listing of classes, call (602) 223-4000.

City Colleges Center
www.ccc.maricopa.edu | (602) 223-4000



PHOENIX COLLEGE



Learning Communities

See inside back cover page for course information.

Legal Assisting

Department Chair: Ms. E. Soderman
Program Director: Mr. S. Hauert
www.phoenixcollege.edu/legalstudies

Note: Except for LAS100 or LAS101, students registering for LAS classes must have a signature and stamp from an Academic Advisor on their registration form. The advisors for Legal Studies are located in the general advisement area of the Learning Center. If you have questions, please contact the Legal Studies Advisor at 602-285-7833.

STUDENTS MUST REGISTER IN PERSON AT THE PHOENIX COLLEGE REGISTRATION CENTER AFTER MEETING WITH THE LEGAL STUDIES ADVISOR. REGISTRATION BY FAX, PHONE, OR INTERNET IS NOT AVAILABLE FOR LEGAL ASSISTING COURSES.

LAS100 Introduction to Paralegalism \$55 1

Focus on the role, responsibilities, and ethical standards of a legal assistant/paralegal. Provides an overview of the legal system and the role of the legal assistant in the legal system. Emphasis on professional development and job-search strategies. Prerequisites: None.

7213	PSB 23	T	6:00-8:45P	G Harris
<i>Section 7213 meets 5 weeks 09/06 - 11/01.</i>				

LAS100 meets on the following Tuesdays: 09/06, 09/20, 10/4, 10/18, 11/01.

Subj. Code	Course Title	*\$	Credits
Fnt.	Sec# Bldg/Rm		Instructor

LAS131 Legal Writing I \$175 3

The use of proper grammar, punctuation, and spelling in the construction of sentences and the development of paragraphs. Use of case briefs to study effective writing and analytical techniques. Analysis and application of the writing process to produce well-written documents commonly used in the practice of law. Prerequisites or Corequisites: LAS109 and (BPC110 or permission of department chair or program director).

1,4	3019 PSB 27	R	8:30-9:45A	E Soderman
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HYBRID

1	7241 PSB 27	T	6:00-8:45P	D Horowitz
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1	7243 PSB 27	R	6:00-8:45P	K Fanning
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Section 3019 (the Thursday daytime section) meets as scheduled in the classroom on the days indicated. This section also has an Internet-based component (WebCT) that students must participate in to satisfy the course requirements. Section 3019 begins on Thursday, August 18. The first class session only meets in Lab B-225, 2nd floor of B-Building. Section 3019 has a WebCT support fee.

LAS203 Ethics and Professional Practice \$165 3

Rules of professional responsibility and ethical requirements with an emphasis on their application to legal assistants. Sources of power to regulate the practice of law. Issues related to unauthorized practice of law. Examination of professionalism in the legal profession. Prerequisites: LAS131 and (BPC110 or permission of department chair or program director).

1	3023 PSB 27	MW	8:30-9:45A	E Soderman
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1	7245 PSB 23	M	6:00-8:45P	B Bentzin
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LAS204 Business Law for Legal Assistants \$165 3

Examination of legal contracts and contracts regulated by the Uniform Commercial Code (Sales Contracts and Secured Transactions); examination of business organizations including Sole Proprietorships, Partnerships, Corporations, and Limited Liability Companies. Includes drafting of contracts and documents used in the formation and operation of business organizations. Prerequisites or Corequisites: LAS109 and (BPC110 or permission of department chair or program director).

1,4	3027 PC WEBCT			E Soderman
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1,4	3029 PC WEBCT			E Soderman
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1	7249 OSW204	W	6:00-8:45P	B Barnes
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1	7251 CC CC	R	6:00-8:45P	Staff
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Section 7251 will be held at the City Colleges Center, 640 North First Avenue. Room location to be announced.

Sections 3027 and 3029 are Internet-based only. There is a required orientation session on Friday, August 19 from 12:00 pm -1:00 p.m. in the Encanto Room, lower level of the library. Sections 3027 and 3029 have a WebCT support fee.

Subj. Code	Course Title	*\$	Credits
Fnt.	Sec# Bldg/Rm		Instructor

LAS211 Legal Research \$195 3

Use of print and electronic media to locate public documents, statutes, administrative regulations, and cases from county, state, and federal jurisdictions. Reading and interpreting research results. Shepardizing. Use of proper citation forms. Prerequisites or Corequisites: LAS109 and (BPC110 or permission of department chair or program director).

1,4	3031 L 122	TR	11:30-12:45P	S Hauert
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1,4	7253 L 122	T	6:00-8:45P	S Hinkel
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1,4	7255 L 122	R	6:00-8:45P	Staff
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LAS211 has a technology support fee.

LAS212 Insurance and Tort Law \$175 3

Basic elements of negligence, strict liability, intentional torts; defenses; damages; insurance coverage. Evaluation of records and personal injury claims; review of insurance policies; settlement brochure; preparation of case intake memorandum. Prerequisites: LAS109 and (BPC110 or permission of department chair or program director).

1,4	3035 PSB 27	T	8:30-9:45A	E Soderman
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HYBRID

1	7259 OSW204	T	6:00-8:45P	Staff
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1	7261 A 111	W	6:00-8:45P	P Kirtley
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Section 3035 (the daytime section) meets as scheduled in the classroom on Tuesdays only and has an Internet-based component (WebCT) that students must participate in to satisfy the course requirements. Section 3035 begins on Tuesday, August 16. The first class session only meets in Lab B-225, 2nd floor of B-Building. Section 3035 has a WebCT support fee.

LAS216 Real Estate Transactions \$165 3

Investigation into various aspects of real estate sales, purchases, and encumbrances. Includes preparation of deed of trust and an agreement for sale of property. Prerequisites: LAS109 and (BPC110 or permission of department chair or program director).

1	7265 PSB 23	R	6:00-8:45P	S Wilson
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LAS217 Family Law \$165 3

Legal analysis of marriage, dissolution of marriage, parental rights and duties; pleading and practice. Prerequisites: LAS109 and (BPC110 or permission of department chair or program director).

1	3039 E 105	MW	12:00-1:15P	D Horowitz
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1	7267 OSW202	T	6:00-8:45P	M McDonald
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LAS220 Legal Assisting Internship Seminar \$55 1

Coordinates on-the-job experiences with interpersonal relations, communications, time-management, and case-management skills. Provides opportunity to discuss problems encountered during internship. Prerequisites: LAS203 and LAS211 and (LAS204 or LAS212), and (BPC110 or permission of department chair or program director). Corequisites: LAS221AA or LAS221AB or LAS221AC. Course Note: May be repeated for a total of two (2) credit hours.

1	7271 PSB 23	T	6:00-7:40P	E Binder
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Section 7271 Meets 08/23 & 08/30, then every other week: 09/13, 09/27, 10/11, 10/25, 11/08, 11/15.

Subj. Code	Course Title	*\$	Credits
Fnt.	Sec# Bldg/Rm		Instructor

LAS221AA Legal Assisting Internship \$55 1

Laboratory portion of LAS220, Legal Assisting Internship Seminar; 80 hours of work. Supervision and evaluation by on-the-job supervisor as well as college coordinator. May be repeated for a total of three (3) credit hours. Prerequisites: Permission of department. Corequisites: LAS220.

1,2	3043 TBA	TBA	TBA	E Binder
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LAS221AB Legal Assisting Internship \$110 2

Laboratory portion of LAS220, Legal Assisting Internship Seminar; 160 hours of work. Supervision and evaluation by on-the-job supervisor as well as college coordinator. May be repeated for a total of four (4) credit hours. Prerequisites: Permission of department chairperson or program director/coordinator. Corequisites: LAS220.

1,2	3045 TBA	TBA	TBA	E Binder
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LAS221AC Legal Assisting Internship \$165 3

Laboratory portion of LAS220, Legal Assisting Internship Seminar; 240 hours of work. Supervision and evaluation by on-the-job supervisor as well as college coordinator. May be repeated for a total of six (6) credit hours. Prerequisites: Permission of department chairperson or program director/coordinator. Corequisites: LAS220.

1,2	3047 TBA	TBA	TBA	E Binder
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LAS229 Computerized Law Office and Litigation Support \$185 3

Word processing skills for the law office; use of presentation software; types and comparisons of litigation support systems; types and uses of electronic trial software; coding schemes; management of integrated litigation support system. Fee arrangements; the billing cycle; billing procedures; management of billing activities. Management of names, matters, and events; indexing structures; reports; ethical issues. Prerequisites: LAS110 and (BPC110 or equivalent or permission of department chair or program director).

In order to register for LAS229 for the fall 2005 term, the prerequisites of BPC110 and LAS110 must have either been completed prior to registration or you must be enrolled for these prerequisites during the spring or summer 2005 semester.

1,4	7275 B 225	M	6:00-8:45P	R Wood
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1,4	7277 B 225	S	9:00-12:00P	J Brandon
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Section 7277 (Saturday Section) meets on the following dates: 08/20, 08/27, 09/10, 09/17, 09/24, 10/08, 10/15, 10/22, 10/29, 11/05, 11/19, 12/03, 12/10.

LAS229 has a computer lab support fee.

LAS237 Legal Interviewing, Investigation, and Report Writing \$165 3

Foundations for interviewing and investigation. Questioning of clients and experts. Documenting and summarizing interviews. Factual investigation sources and techniques. Evidence analysis and preservation. Documenting results of factual investigations. Prerequisites: LAS131 and LAS211 and (BPC110 or permission of department chair or program director).

1	7283 L 122	W	6:00-8:45P	Staff
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Subj. Code	Course Title	*\$	Credits		
Ftnt.	Sect #	Bldg/Rm	Days	Time	Instructor

Legal Secretarial

Department Chair: Mrs. K. Green
Program Director: Mrs. D. Fladhammer

Many Legal Secretarial courses are OAS, pages 110-111. See catalog for program requirements or call Jennifer Salisbury in Advisement at 602-285-7833 for information or an appointment.

Library Sciences

Department Chair: Ms. E. Saliba

LBS201 Electronic Resources Concepts and Skills \$60 1

Use of computers to access electronic databases and to process search results. Includes search concepts and strategies, evaluating search results, and bibliographic citing of electronic sources. Prerequisites: None.

4 3085 PC WEBCT Staff
Section 3085 meets 8 weeks 10/17 - 12/09. PC WEBCT is an online course, see page 122 for complete information.

Management

Department Chair: Mrs. K. Green
Program Director: Mr. D. Sheehan

MGT105 Leadership for Citizenship \$55 1

Characteristics and types of leaders, responsibilities of leadership, and ethics of leadership as related to citizenship. Prerequisites: None.

Recommended for students with little or no work experience in American business.

3369 B 126 MW 1:00-2:30P Staff
Section 3369 meets 5 weeks 10/24 - 11/23.

MGT120 Credit Union Operations \$180 3

Overview of credit union operations including member services, credit granting, collections, marketing, financial counseling, laws, and regulations as they apply to credit union operations. Prerequisites: MGT119 or department approval.

4 3371 PC WEBCT M Gray
Section 3371 PC WEBCT is an online course, see page 122 for complete information.

MGT148 Office Ethics and Culture \$110 2

Ethical issues and standards in the office; making ethical choices. Relationships and attitudes in the office. Office politics. Prerequisites: None.

7493 DB 224 M 7:10-8:50P W Jones

Subj. Code	Course Title	*\$	Credits		
Ftnt.	Sect #	Bldg/Rm	Days	Time	Instructor

MGT175 Business Organization and Management \$165 3

Covers basic principles of managing quality and performance in organizations. Covers management functions: planning, organizing, leading, and controlling. Emphasizes continual improvement, ethics, and social responsibility. Prerequisites: None.

7495 B 126 M 7:10-9:50P A Thomson

MGT229 Management and Leadership I \$165 3

Covers management concepts and applications for business, industry, and government organizations. Prerequisites: None.

3373 B 126 MWF 8:00-8:50A D Sheehan
7497 B 126 MW 5:40-6:55P A Thomson

MGT230 Management and Leadership II \$165 3

Includes practical applications of activities, issues, and problems related to current managerial and supervisory skills and talents. Prerequisites: MGT229 or departmental approval.

3377 B 126 TR 8:30-9:45A D Sheehan

MGT251 Human Relations in Business \$165 3

Analysis of motivation, leadership, communications, and other human factors. Cultural differences that may create conflict and affect morale individually and within organizations. Prerequisites: None.

3385 B 126 TR 10:00-11:15A D Sheehan
7505 B 126 T 7:10-9:50P M Spaulding

MGT253 Owning and Operating a Small Business \$165 3

Starting, organizing, and operating a small business, including location, finance management processes, advertisement and promotion, credit, inventory control and ethics. Prerequisites: None.

3389 B 123 MWF 9:00-9:50A D Sheehan
3391 B 123 TR 1:00-2:15P D Heilig
7507 B 126 W 7:10-9:50P J Johnson

MGT259 Management Seminar \$55 1

Classroom portion of the management internship experience, including student development of specific job-related objectives to be accomplished at the work site. Exploration of general business and specific work-related topics in a seminar setting. May be repeated for a total of two (2) credits. Prerequisites: Department approval. Corequisites: MGT260AA.

8 3393 B 123 R 11:30-12:20P L Bush
8 7509 B 123 M 6:00-6:50P D Sheehan

Subj. Code	Course Title	*\$	Credits		
Ftnt.	Sect #	Bldg/Rm	Days	Time	Instructor

MGT260AA Management Internship \$165 3

Laboratory portion of management seminar course. Fifteen hours weekly. Supervised and evaluated by internship coordinator. May be repeated for a total of six (6) credits. Prerequisites: Departmental approval. Corequisites: MGT259.

2,8 3395 TBA TBA TBA L Bush
2,8 7511 TBA TBA TBA D Sheehan

MGT276 Personnel/Human Resources Management \$180 3

Human resource planning, staffing, training, compensating, and appraising employees in labor management relationships. Prerequisites: None.

4 3399 PC WEBCT J Iskiyan
Section 3399 PC WEBCT is an online course, see page 122 for complete information.

MGT277 Labor Relations \$165 3

Covers the historical, legal, and environmental parameters surrounding current labor/management relations, including contract negotiations and grievance procedures. Prerequisites: None.

3401 B 126 MWF 9:00-9:50A D Sheehan

THE LEGAL FIELD NEEDS YOU!



Ready to take the next step in your career?

Have an interest in becoming a legal secretary?

You are invited to find out more about the Legal Secretarial Program at Phoenix College that will help you take your career to the next level.

Contact Jennifer Salisbury, Advisement Center, (602) 285-7833
jennifer.salisbury@pcmail.maricopa.edu

Subj. Code	Course Title		*\$	Credits	
Fnt.	Sect #	Bldg/Rm	Days	Time	Instructor

Marketing

Department Chair: Mrs. K. Green
Program Director: Mr. D. Sheehan

MKT109 Introduction to Fashion

Merchandising \$165 3

Explores the various levels and specialized segment of the fashion industry, the principles of fashion, the fundamentals of merchandising apparel, consumers' influence on demand and marketing activities. Prerequisites: None.

3453 B 123 TR 10:00-11:15A L Bush

MKT200 Retail Buying \$165 3

Examines management/buyer role in investment, pricing, planning, controlling sales and inventories. Prerequisites: None.

3455 B 123 TR 8:30-9:45A L Bush

MKT263 Advertising Principles \$165 3

Introduces the advertising function within business, including media study, creative strategies, and advertising campaigns. Prerequisites: None.

Offered during the day in the fall and in the evening in the spring.

3457 B 126 MWF 11:00-11:50A Staff

MKT267 Principles of Salesmanship \$165 3

Analyzes and applies the steps and techniques used in personal selling. Highlights the role of the professional sales representative and his/her functions as they relate to the company's mission and customer expectations. Prerequisites: None.

Offered during the evening in the fall and in the day in the spring.

7583 B 123 W 7:10-9:50P W Branson

MKT271 Principles of Marketing \$165 3

An analysis of the marketing process and environment with regard to the product, pricing, distribution, and communication in order to satisfy buyer needs. Prerequisites: None.

3461 B 126 MWF 10:00-10:50A D Sheehan
7587 PSB 26 T 7:10-9:50P W Branson

Massage

See: Therapeutic Massage (WED)

Subj. Code	Course Title		*\$	Credits	
Fnt.	Sect #	Bldg/Rm	Days	Time	Instructor

MATH EXPRESS TO SUCCESS

Coordinator: Dr. E. Bursh

An Intensive and Effective Approach to Learning Algebra

Developmental Algebra-Intermediate Algebra-College Algebra

The Mathematic Express to Success (MES) program provides an opportunity for students to successfully complete the mathematics requirements for an Associate of Arts degree (mathematics required to transfer to a four-year college or university) WITHIN ONE SEMESTER. Students enrolled in the MES program are provided special support services (such as tutoring, mentoring, academic advisement) each day. NOTE: Prior to enrolling, consult with Program Coordinator.

MAT090 Developmental Algebra \$275 5

Linear behavior; linear equations and inequalities in one and two variables; graphs; systems of equations in two variables; function notation, graphs, and data tables; operations on polynomials; properties of exponents; applications. Prerequisites: Grade of "C" or better in MAT082, or MAT102, or equivalent, or satisfactory score on District Placement exam. Course Note: May receive credit for only one of the following: MAT090, MAT091, MAT092, or MAT093.

1,3 3151 A 104 MTWRF 8:00-10:45A E Bursh
Section 3151 meets 5 weeks 08/22 - 09/26.

MAT120 Intermediate Algebra \$275 5

Quadratic, rational, radical, exponential, and logarithmic functions and equations; graphs of quadratic, exponential, and logarithmic functions; equations quadratic in form; operations on rational expressions, radical expressions, and complex numbers; rational exponents; applications. Prerequisites: Grade of "C" or better in MAT090, MAT091, MAT092, MAT093, or equivalent, or a satisfactory score on the District placement exam. Course Note: May receive credit for only one of the following: MAT120, MAT121, or MAT122.

1,3 3209 A 104 MTWRF 8:00-10:45A E Bursh
Section 3209 meets 5 weeks 09/27 - 10/31.

MAT150 College Algebra/Functions \$275 5

Analysis and interpretation of the behavior and nature of functions including polynomial, rational, exponential, logarithmic, power, absolute value, and piecewise-defined functions; systems of equations, modeling and solving real world problems. Additional topics may include matrices, combinatorics, sequences and series, and conics. Prerequisites: Grades of "C" or better in MAT120, or MAT121, or MAT122 or equivalent, or satisfactory score on District placement exam. Course Note: May receive credit for only one of the following: MAT150, MAT151, MAT152, or MAT187.

1,3 3243 A 104 MTWRF 8:00-10:45A E Bursh
Section 3243 meets 5 weeks 11/01 - 12/08.

Mathematics

Department Chair: Dr. C. Martinez
Evening Coordinator: Mrs. L. Kisiel

A graphing calculator is required in the following courses: MAT090, MAT091, MAT120, MAT142, MAT150, MAT151, MAT172, MAT182, MAT187, and all 200-level courses.

A limited number of graphing calculators are available for rent from the Math Department for a fee of \$15 (TO STUDENTS ENROLLED IN A MATH CLASS ONLY) However, you are encouraged to purchase your own calculator.

NC 500 Calculator Rental-Ti 83 Plus \$15

4 9083 TBA TBA TBA C Martinez

NC 500 Calculator Rental-Ti 89 \$15

4 9089 TBA TBA TBA C Martinez

NC 500 Maple Software Rental \$20

4 9085 TBA TBA TBA C Martinez

MAT082 Basic Arithmetic \$170 3

Primary emphasis placed on fundamental operations with whole numbers, fractions, decimals, integers, and rational numbers; proportions, and percentages. Other topics include representations of data, geometric figures, and measurement. Prerequisites: None.

Scientific calculator required for this class.

4	3123	B 201	MWF	7:00-7:50A	Staff
4	3125	E 221	MWF	8:00-8:50A	P Miller
4	3127	E 221	MWF	9:00-9:50A	M Herrera-Bill
4	3129	OSW105	MWF	9:00-9:50A	Staff
4	3131	A 200	MWF	10:00-10:50A	T Adamson
4	3133	B 204	M	11:00-12:15P	L Kisiel
		A 214	W	11:00-12:15P	
4	3135	A 102	MWF	12:00-12:50P	Staff
4	3137	A 102	MWF	1:00-1:50P	Staff
4	3141	A 102	TR	7:00-8:15A	Staff
4	3143	A 214	T	8:30-9:45A	C Martinez
		B 201	R	8:30-9:45A	
4	3145	A 200	TR	10:00-11:15A	T Adamson
4	3146	A 214	T	11:00-12:15P	D Ermoian
		B 210	R	11:00-12:15P	
4	3147	E 221	TR	12:00-1:15P	P Miller
4	7343	A 214	MW	5:40-6:55P	Staff
4	7345	A 200	MW	5:40-6:55P	Staff
4	7347	A 214	MW	7:10-8:25P	Staff
4	7349	B 201	TR	5:40-6:55P	Staff
4	7351	A 104	TR	7:10-8:25P	M Lajavardi

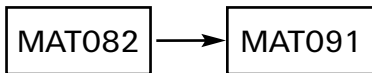
Subj. Code	Course Title	*\$	Credits	Subj. Code	Course Title	*\$	Credits
Ftnt. Sect # Bldg/Rm	Days	Time	Instructor	Ftnt. Sect # Bldg/Rm	Days	Time	Instructor

Subj. Code	Course Title	*\$	Credits
Ftnt. Sect # Bldg/Rm	Days	Time	Instructor

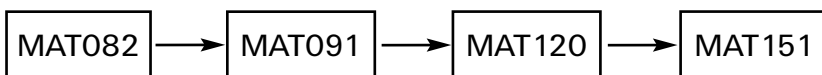
MATHEMATICS FLOWCHART

This flowchart is an information tool and is not intended to replace consultation with an advisor. Begin at the math level indicated by math placement scores and/or prior math experience.

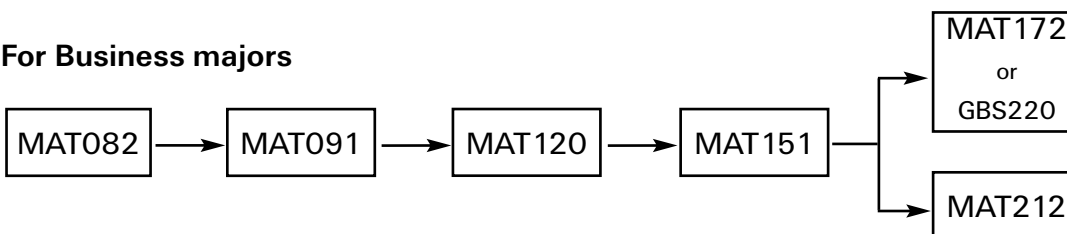
For many AAS and AGS degree programs



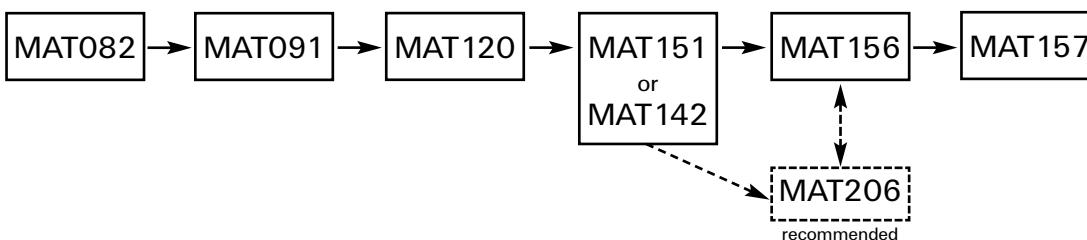
For many AA degree programs



For Business majors

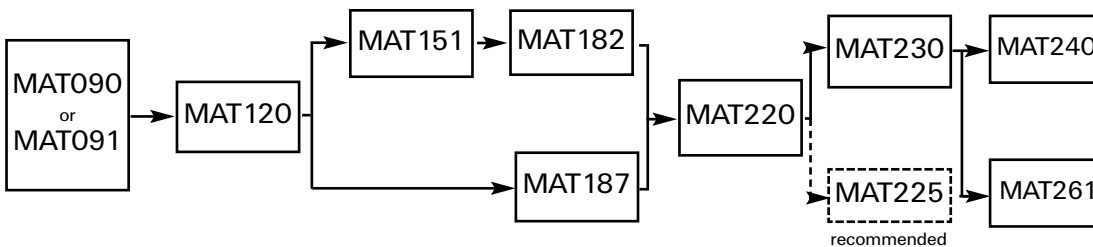


For Elementary Education majors



For Math, Science, Engineering, & Computer Science majors

See advisor for computer classes that will meet the minimum entrance requirements. GCC, PVCC, and MCC have full programs. Other MCCCDColleges may also. MAT225 is strongly recommended



Math Department, General Information 602.285.7151.
 Department Chair, Dr. Cleopatria Martinez, 602.285.7390;
 Evening Chair, Mrs. Lucia Kisiel, 602.285.7786.

MAT091 Introductory Algebra \$220 4

Linear behavior; linear equations and inequalities in one and two variables; graphs; systems of equations in two variables; function notation, graphs, and data tables; operations on polynomials; properties of exponents; applications. Prerequisites: Grade of "C" or better in MAT082, or MAT102, or equivalent or satisfactory score on District placement exam. Course Note: May receive credit for only one of the following: MAT090, MAT091, MAT092, or MAT093.

Graphing calculators are required for this class. The TI-82 is strongly recommended.

1,4	3155	E 213	MTWR	7:00-7:50A	T Enakieva
1,4	3157	A 214	M	8:00-8:50A	T Enakieva
		E 213	TWR	8:00-8:50A	
1,4	3159	A 102	MWF	8:00-9:10A	P Kaczur
1,4	3161	B 202	MTR	8:00-8:50A	Staff
		A 214	W	8:00-8:50A	
1,4	3163	A 102	MWF	9:30-10:40A	P Kaczur
1,4	3165	E 221	TR	9:00-10:40A	P Miller
1,4	3167	A 102	MTWR	11:00-11:50A	K Merkel
1,4	3169	C 320	TR	10:00-11:40AM	Herrera-Bill
1,4	3171	B 208	MWF	11:00-12:10P	McClymonds
1,4	3173	B 208	TR	10:00-11:40AM	McClymonds
1,4	3175	E 213	MTWRF	12:00-12:50P	Staff
<i>Section 3175 meets 14 weeks 09/06 - 12/07.</i>					
1,4	3177	B 202	MWF	1:00-2:10P	Staff
1,4	3179	B 204	MTWF	8:00-8:50A	Staff
1,4	3181	OSW105	TR	8:00-9:40A	S Albert
1,4	3183	E 217	TRF	9:00-9:50A	P Peterson
		A 214	W	9:00-9:50A	
1,4	3185	A 102	TR	9:00-10:40A	Staff
1,4	3187	E 217	MWF	11:30-12:40P	N Fray
1,4	3189	E 221	MWF	10:00-11:10A	N Fray
1,4	7355	E 213	MW	5:15-6:55P	Staff
1,4	7357	B 201	MW	5:15-6:55P	J Hall
1,4	7359	B 201	MW	7:10-8:50P	J Hall
1,4	7361	B 204	MW	7:10-8:50P	M Bajpai
1,4	7363	B 210	TR	5:15-6:55P	T Jehl
1,4	7365	A 102	TR	5:15-6:55P	G Curran
1,4	7367	B 208	TR	7:10-8:50P	S Jamali
1,4	7369	B 210	TR	7:10-8:50P	T Jehl
1,4	7371	B 204	S	9:00-12:30P	C Gaye
<i>Section 7371 begins Saturday, August 20.</i>					

MAT102 Mathematical Concepts/ Applications \$165 3

A problem solving approach to mathematics as it applies to life and the world of work. Development, demonstration, and communication of mathematical concepts and formulas that relate to measurement, percentage, statistics, and geometry. Prerequisites: Grade of "C" or better in MAT082, or equivalent, or satisfactory score on District placement exam.

1,4	3193	A 200	MWF	9:00-9:50A	B Garner
1,4	3195	OSW105	MWF	10:00-10:50A	Staff
1,4	7377	A 104	MW	5:40-6:55P	Staff
1,4	7379	A 104	MW	7:10-8:25P	Staff

fall course listings

Subj. Code	Course Title	*\$	Credits
Fnt.	Sect # Bldg/Rm	Days	Time

MAT120 Intermediate Algebra \$280 5

Quadratic, rational, radical, exponential, and logarithmic functions and equations; graphs of quadratic, exponential, and logarithmic functions; equations quadratic in form; operations on rational expressions, radical expressions, and complex numbers; rational exponents; applications. Prerequisites: Grade of "C" or better in MAT090, MAT091, MAT092, MAT093, or equivalent, or a satisfactory score on the District placement exam. Course Note: May receive credit for only one of the following: MAT120, MAT121, or MAT122.

Graphing calculators are required for this class. The TI-83 plus is strongly recommended.

1,4	3201 A 200	MTWRF	7:00-7:50A	T Adamson
1,4	3203 B 202	MTWRF	7:00-7:50A	Staff
1,4	3207 A 101	MTWRF	8:00-8:50A	D Shaw
1,4	3211 B 202	MTWRF	9:00-9:50A	K Merkel
1,4	3213 B 204	MTWR	9:00-9:50A	L Kisiel
	A 214	F	9:00-9:50A	
1,4	3215 E 213	MTWF	9:00-9:50A	J Sousa
	A 214	R	9:00-9:50A	
1,4	3217 A 101	MTWRF	10:00-10:50A	E Sung
1,4	3219 A 214	MTRF	10:00-10:50A	S Li
	B 204	W	10:00-10:50A	
1,4	3221 B 202	MTWRF	10:00-10:50A	K Merkel
1,4	3223 B 204	MTRF	10:00-10:50A	L Kisiel
	A 214	W	10:00-10:50A	
1,4	3225 B 201	MTWRF	10:00-10:50A	Hodgkins
1,4	3227 B 210	MTWF	11:00-11:50A	J Sousa
	A 214	R	11:00-11:50A	
1,4	3229 A 101	MTWRF	12:00-12:50P	E Sung
1,4	3231 B 208	M	1:00-2:25P	J Sueyoshi
	A 214	TR	1:00-2:25P	
1,4	3233 A 214	MF	1:00-2:25P	S Li
	B 204	W	1:00-2:25P	
1,4	3235 B 204	MTRF	1:00-2:20P	Staff
	A 214	W	1:00-2:20P	

Section 3235 meets 10 weeks 09/12 - 11/21.

1,4	7383 OSW106	MW	4:40-6:55P	T Bryan
1,4	7385 A 102	MW	4:40-6:55P	Staff
1,4	7387 B 208	MW	7:10-9:25P	P Fedock
1,4	7389 B 210	MW	7:10-9:25P	D Dean
1,4	7391 E 217	TR	4:40-6:55P	Staff
1,4	7393 A 101	TR	4:40-6:55P	Staff
1,4	7395 E 213	TR	4:40-6:55P	Staff
1,4	7397 A 102	TR	7:10-9:25P	G Curran
1,4	7399 B 201	T	7:10-9:25P	M Malm
	A 214	R	7:10-9:25P	
1,4	7401 B 202	S	8:30-1:30P	M Bajpai

Section 7401 begins Saturday, August 20.

MAT142 College Mathematics \$170 3

Working knowledge of college-level mathematics and its applications to real-life problems. Emphasis on understanding mathematical concepts and their applications. Topics include set theory, probability, statistics, finance, and geometry. Prerequisites: Grade of "C" or better in MAT120, or MAT121, or MAT122 or equivalent, or satisfactory score on District placement exam. Course Note: Appropriate for the student whose major does not require college algebra or precalculus.

Graphing calculators are required for this class. The TI-83 plus is strongly recommended.

1,4	3239 B 210	MW	8:00-8:50A	Staff
	A 214	F	8:00-8:50A	
1,4	7409 E 217	MW	5:40-6:55P	Staff

MAT151 College Algebra / Functions \$225 4

Analysis and interpretation of the behavior and nature of functions including polynomial, rational, exponential, logarithmic, power, absolute value, and piecewise-defined functions; systems of equations, modeling and solving real world problems. Additional topics may include matrices, combinatorics, sequences and series, and conics. Prerequisites: Grade of "C" or better in MAT120, or MAT121, or MAT122, or equivalent, or satisfactory score on District placement exam. Course Note: May receive credit for only one of the following: MAT150, MAT151, MAT152, or MAT187.

Graphing calculators are required for this class. The TI-83 plus or TI-84 plus is strongly recommended.

6,4	3251 A 200	MTWR	8:00-8:50A	T Adamson
	<i>Section 3251 Registration takes place in the Honors Office, DB-317.</i>			
1,4	3253 B 208	MTWR	9:00-9:50A	McClymonds
1,4	3255 A 101	MTWF	9:00-9:50A	E Sung
1,4	3257 A 101	MTWR	11:00-11:50A	Hodgkins
1,4	3259 B 210	MTWR	10:00-10:50A	C Martinez
1,4	3261 E 217	MTWR	10:00-10:50A	D Ermoian
1,4	3263 B 202	MT	12:00-12:50P	Staff
	A 214	WR	12:00-12:50P	
1,4	3265 A 200	MWF	11:00-12:10P	C Martinez
1,4	3271 E 217	TWRF	8:00-8:50A	M Peterson
1,4	3273 E 213	MTWR	10:00-10:50A	B Garner
1,4	3275 OSW106	TR	10:00-11:40A	T Bryan
1,4	3277 E 213	MTWR	11:00-11:50A	Staff
1,4	3279 E 217	TR	11:00-12:40P	Staff
1,4	7411 B 208	MW	5:15-6:55P	P Fedock
1,4	7413 B 202	MW	7:10-8:50P	P Paulson
1,4	7417 A 200	TR	5:15-6:55P	T Adamson
1,4	7419 B 202	TR	7:10-8:50P	K Ahuja
1,4	7421 B 201	S	9:00-12:50P	T Bernero

Section 7421 begins Saturday, August 20.

MAT156 Mathematics for Elementary Teachers I \$170 3

Focuses on numbers and operations. Algebraic reasoning and problem solving integrated throughout the course. Prerequisites: Grade of "C" or better in MAT142, or MAT150, or MAT151, or MAT152, or equivalent, or satisfactory score on District placement exam.

Graphing calculators are required for this class. The TI-83 plus is strongly recommended.

1,4	3283 A 214	MWF	7:00-7:50A	B Garner
1,4	7425 A 214	TR	4:15-5:30P	D Ermoian

MAT157 Mathematics for Elementary Teachers II \$170 3

Focuses on measurement, geometry, probability and data analysis. Appropriate technologies, problem solving, reasoning, and proof are integrated throughout the course. Prerequisites: MAT156 or equivalent.

Graphing calculators are required for this class. The TI-83 plus is strongly recommended.

1,4	3285 A 214	TR	7:00-8:15A	B Garner
1,4	7429 A 214	TR	5:40-6:55P	D Ermoian

MAT172 Finite Mathematics \$170 3

An introduction to the mathematics required for the study of social and behavioral sciences. Includes combinatorics, probability, descriptive statistics, matrix algebra, linear programming and the mathematics of finance. Includes applications of technology in problem-solving. Prerequisites: Grade of "C" or better in MAT150, or MAT151, or MAT152, or MAT187 or equivalent, or satisfactory score on District placement exam.

Graphing calculators are required for this class. The TI-83 plus or TI-84 plus is strongly recommended.

1,4	3287 OSW106	MWF	11:00-11:50A	D Shaw
1,4	7433 B 202	MW	5:40-6:55P	P Paulson

MAT182 Plane Trigonometry \$170 3

A study of measures of angles, properties of graphs of trigonometric functions, fundamental identities, addition and half-angle formulas, inverse trigonometric functions, solutions of trigonometric equations, complex numbers and properties of triangle solution. May receive credit for only one of the following: MAT182 or MAT187. Prerequisites: Grade of "C" or better in MAT150, or MAT151, or MAT152, or equivalent, or concurrent registration in MAT150, or MAT151, MAT152, or satisfactory score on District placement exam.

Graphing calculators are required for this class. The TI-83 plus or TI-84 plus is strongly recommended.

1,4	3291 B 208	MWF	10:00-10:50A	McClymonds
1,4	3293 B 210	MWF	9:00-9:50A	Hodgkins
1,4	7437 B 210	MW	5:40-6:55P	C Gaye

MAT187 Precalculus \$280 5

A precalculus course combining topics from college algebra and trigonometry. Preparation for analytic geometry and calculus. May receive credit for only one of the following: MAT150, MAT151, MAT152, or MAT187. Prerequisites: Grade of "B" or better in MAT120, MAT121, or MAT122, or equivalent, or satisfactory score on a placement test. Course Note: Strongly recommended that students have some knowledge of trigonometry.

Graphing calculators are required for this class. The TI-83 plus or TI-84 plus is strongly recommended.

1,4	3297 B 202	MTWRF	11:00-11:50A	B Garner
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MAT212 Brief Calculus \$170 3

Introduction to the theory, techniques and applications of the differential and integral calculus of elementary functions with problems related to business, life, and the social sciences. Prerequisites: Grade of "C" or better in MAT150, or MAT151, or MAT152, or MAT187 or equivalent, or satisfactory score on District placement exam.

Graphing calculators are required for this class. The TI-83 plus or TI-84 plus is strongly recommended.

1,4	3301 A 102	MWF	7:00-7:50A	D Shaw
1,4	3303 OSW204	MW	11:00-12:15P	Staff
1,4	3305 B 204	TR	11:00-12:15P	L Kisiel
1,4	7441 OSW106	MW	7:10-8:25P	T Bryan
1,4	7443 A 104	TR	5:40-6:55P	M Lajavardi

Subj. Code	Course Title	*\$	Credits		
Fnt.	Sect #	Bldg/Rm	Days	Time	Instructor

MAT220 Analytic Geometry and Calculus I \$280 5

Topics from analytic geometry with special emphasis on inequalities and absolute value expressions, limits, continuity, the fundamental principles and formulae for differential and integral calculus along with their applications to geometry and mechanics, the mean value theorems and the fundamental theorem of calculus. May receive credit for only one of the following: MAT220 or MAT221. Prerequisites: Grade of "C" or better in (MAT150 or MAT151 or MAT152 and MAT182) or MAT187 or equivalent or satisfactory score on district placement exam.

Graphing calculators are required for this class. The TI-83 plus or TI-92 is strongly recommended.

1,4	3309	B 201	MWF	8:00-9:25A	C Martinez
1,4	3311	B 201	MTWRF	11:00-11:50A	P Miller
1,4	7447	B 208	TR	4:40-6:55P	S Jamali

MAT225 Elementary Linear Algebra \$170 3

Introduction to matrices, systems of linear equations, determinants, vector spaces, linear transformations and eigenvalues. Emphasizes the development of computational skills. Prerequisites: Grade of "C" or better in MAT212 or MAT220, or MAT221, or equivalent.

Graphing calculators are required for this class. The TI-83 plus or TI-92 is strongly recommended.

1,4	3315	B 210	TR	8:30-9:45A	A Hodgkins
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MAT230 Analytic Geometry and Calculus II \$280 5

Includes working on the elementary transcendental functions, techniques of integration, vector functions, and infinite series. May receive credit for only one of the following: MAT230 or MAT231. Prerequisites: Grade of "C" or better in MAT220 or MAT221 or equivalent.

Graphing calculators are required for this class. The TI-83 plus or TI-92 is strongly recommended.

1,4	3317	OSW106	MW	2:00-4:15P	T Bryan
1,4	3319	A 214	MF	11:00-12:25P	S Li
		B 204	W	11:00-12:25P	
1,4	7451	B 202	TR	4:40-6:55P	K Ahuja

MAT240 Calculus with Analytic Geometry III \$280 5

Vector-valued functions of several variables, multiple integration, introduction to vector analysis. Prerequisites: Grade of "C" or better in MAT230 or MAT231.

Graphing calculators are required for this class. The TI-83 plus or TI-92 is strongly recommended.

1,4	3323	B 208	MTWR	7:45-8:50A	J Sousa
1,4	7455	B 204	TR	4:40-6:55P	J Sueyoshi

MAT261 Differential Equations \$225 4

Ordinary differential equations with applications including Laplace transforms with numerical methods. Prerequisites: Grade of "C" or better in MAT230, or MAT231, or equivalent.

Graphing calculators are required for this class. The TI-83 plus or TI-92 is strongly recommended.

1,4	7459	B 204	MW	5:15-6:55P	J Sueyoshi
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Subj. Code	Course Title	*\$	Credits		
Fnt.	Sect #	Bldg/Rm	Days	Time	Instructor

Medical Assisting

Department Chair: Ms. L. Ligon
Program Director: Ms. H. Houser

Attend classes Tuesday, Wednesday, Thursday from 8:30 a.m. to 4:30 p.m. Finish all courses and externships in 30 weeks or less. For more information call Helen Houser at 602-285-7135. Classes begin the week of August 23, 2005.

HCE102 Orientation to the Physiology and Psychology of Body Systems \$60 1

Application of basic physiology and psychology of body systems as they relate to an entry-level health care professional's role. Prerequisites: HCC130, HCC145 or (HCC145AA, HCC145AB, and HCC145AC), or permission of instructor.

4	2401	C 212	TR	1:00-4:20P	Staff
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Section 2401 meets 2 weeks 12/06 - 12/15.

HCE109 Phlebotomy and Specimen Processing: Basic Skills \$85 1

Theory and practice of basic phlebotomy and specimen processing including laboratory test codes, equipment, and procedures. Prerequisites: None.

1,4,8	2417	C 111	W	1:00-5:00P	C Tankersley
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Section 2417 meets 8 weeks 10/26 - 12/14.

1,4,8	2419	C 111	W	1:00-5:00P	G Hiddessen
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Section 2419 meets 8 weeks 10/26 - 12/14.

HCE162 Aseptic Techniques \$90 1

Fundamentals of microbial control. Includes procedures for sanitation, disinfection, and sterilization. Specimen collection and handling. Compliance with Occupational Health and Safety Administration (OSHA), the United States Center for Communicable Disease Control (CDC), and Clinical Laboratory Improvement Amendments (CLIA). Prerequisites: None.

1,4	2465	C 111	TWR	1:00-4:20P	G Mossman
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Section 2465 meets 4 weeks 09/27 - 10/20.

1,4	2467	C 212	TWR	1:00-4:20P	Staff
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Section 2467 meets 4 weeks 09/27 - 10/20.

HCE222 Clinical Procedures \$185 3

Principles and procedures for the medical assistant. Methods of assisting clinicians with physical examinations, procedures, treatments, and minor surgical procedures in the medical office. Includes vital signs, height, and weight, collection of patient data and documentation. Prerequisites: None.

1,4	2477	C 210	TWR	8:15-11:55A	M Bayless
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Section 2477 meets 6 weeks 11/09 - 12/15.

1,4	2479	C 212	TWR	8:15-11:55A	L Jensen
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Section 2479 meets 6 weeks 11/09 - 12/15.

Subj. Code	Course Title	*\$	Credits		
Fnt.	Sect #	Bldg/Rm	Days	Time	Instructor

HCE226 Administrative Procedures \$190 3

Principles and procedures for front office administrative skills. Methods of telephone management, correspondence and mail processing, appointment scheduling, medical records management and data collection. Includes medical assistant as office manager. Prerequisites: None.

1,4	2483	C 212	W	8:15-11:55A	H Houser
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Section 2483 meets 11 weeks 08/24 - 11/02.

HCE227 Insurance, Billing and Coding \$165 3

Application of insurance, coding and billing. Includes legal and ethical issues, federal, state and private insurance claims, procedural and diagnostic coding, and banking and accounting principles. Prerequisites: None.

2487	C 212	TWR	1:00-4:20P	H Houser
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Section 2487 meets 5 weeks 10/25 - 12/01.

2489	B 208	TWR	1:00-4:20P	P Zagarrigo
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Section 2489 meets 5 weeks 10/25 - 12/01.

HCE229 Automated Computer System for Medical Office Management \$60 1

Principles and procedures in using an office automated computerized system for entering patient information and tracking patient billing. Includes use of accounting cycle from originating data to closing ledger entries. Prerequisites: None.

1,4	2493	B 230	TWR	1:00-4:20P	M Banks
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Section 2493 meets 5 weeks 08/23 - 09/22.

1,4	2495	B 229	TWR	1:00-4:20P	C Van Der Veen
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Section 2495 meets 5 weeks 08/23 - 09/22.

Medical Billing

See: Health Information Technology (HIT)

Medical Transcription

Department Chair: Mrs. K. Green
Coordinator: Mr. W. Jones

Many Medical Transcription courses are OAS, pages 110-111. See catalog for program requirements or call Doris Sleeper in Advisement at 602-285-7861 for information or an appointment.

Subj. Code	Course Title	*\$	Credits
Fnt.	Sect # Bldg/Rm	Days	Time

Military Science

All AES and MIS classes, plus PED105 section 3249 are held on Arizona State University campus. For further information contact Army ROTC (MIS) at 480-965-3318 or Air Force ROTC (AES) at 480-965-3181.

Note: Students must enroll concurrently in respective laboratory class.

PED105 Army Master Fitness \$55 1

Introduces the student to the Army Master Fitness Program. Designed to enhance the student's level of individual fitness and wellness. Prerequisites: None.

4163 ASUFLD TBA TBA Staff

AES101 Air Force Today I \$110 2

Introduction to U.S. Air Force and AFROTC. Topics include: the Air Force mission and organization, customs and courtesies, officer opportunities, officership and professionalism. Prerequisites: None.

0081 SS 208 T 1:40-3:20P Staff
0083 SS 314 R 8:50-10:30A Staff

AES101 Laboratory for AES101 0

0085 MUR201 R 6:30-8:30A Staff

AES201 Evolution of USAF Air and Space Power I \$110 2

Further preparation of AFROTC candidate. Topics include: Air Force heritage and leaders, communication skills, ethics, leadership, quality Air Force, and values. Prerequisites: AES103 or ASU Department of Aerospace Studies approval.

0087 SS 314 R 1:40-3:20P Staff

AES201 Laboratory for AES201 0

0089 MUR201 R 6:30-8:30A Staff

MIS101 Introduction to the Military I \$165 3

Overview of mission, organization and structure of the Army and its role in national defense, discussion of current military issues. Prerequisites: None.

7 3433 SS 304 TR 9:15-10:30A Staff
7 3435 SS 304 TR 12:15-1:30P Staff

MIS101 Laboratory for MIS101 0

3431 ASUFLD T 6:30-8:30A Staff

MIS201 Introduction to Leadership Dynamics I \$165 3

Introduces interpersonal dynamics involved in military team operations; theory and application of military leadership principles. Prerequisites: None.

7 3437 SS 314 TR 10:40-11:55A Staff
7 3439 SS 304 TR 1:40-2:55P Staff

MIS201 Laboratory for MIS201 0

3441 ASUFLD T 6:30-8:30A Staff

Subj. Code	Course Title	*\$	Credits
Fnt.	Sect # Bldg/Rm	Days	Time

Music

Department Chair: Mr. R. Reyes
Program Director: Mr. M. Yoes

Music: Appreciation/History/Literature

MHL140 Survey of Music History \$166 3

Study of composers, compositions, styles, and periods in music history. Prerequisites: None.

4 3403 M 102 TR 1:00-2:15P D Hooper

MHL143 Music in World Cultures \$166 3

Non-European musical traditions including the study of music in rituals, musical instruments and the impact of cultures on musical styles. Prerequisites: None.

4 3407 M 138 MWF 10:00-10:50A M Yoes

MHL145 American Jazz and Popular Music \$166 3

The study of cultural and social contributions to the evolution of American jazz and popular music from the mid-1800's to present. Prerequisites: None.

4 3411 M 102 MWF 11:00-11:50A M Yoes
4 3413 M 102 TR 10:00-11:15A M Yoes
4 7533 M 102 R 7:00-9:30P B Ruth

MHL147 Music of African-American Cultures \$166 3

African-American music traced from its origin in Africa to the present. Includes spirituals, blues, gospel, jazz, and classical style. Prerequisites: None.

4 3421 M 102 TR 11:30-12:45P Staff

MHL153 Rock Music and Culture \$166 3

History of Rock music and how cultural, social, political, and economic conditions have shaped its evolution. Prerequisites: None.

4 3417 M 102 MWF 1:00-1:50P B Ruth
4 3419 M 102 TR 8:30-9:45A Staff

Music: Electronic/Studio Music

For all MTC191 and MTC192 sections, no textbook needed, headphones are required. Additional lab sessions TBA with instructor.

MTC191 Electronic Music I \$205 3

An introduction to producing music with Musical Instrument Digital Interface (MIDI) configurations consisting of computers, printers, synthesizers, and other compatible MIDI instruments. Prerequisites: None.

4 3539 M 126 MW 11:00-12:40P E Schultz
4 3541 M 126 TR 1:15-2:55P A Mortimer
4 7649 M 126 T 5:45-9:05P Staff

Subj. Code	Course Title	*\$	Credits
Fnt.	Sect # Bldg/Rm	Days	Time

MTC192 Electronic Music II \$205 3

Continued study of the production of music with Musical Instrument Digital Interface (MIDI) configurations. Emphasis on more complex configurations and their applications in song arrangements. Prerequisites: MTC191.

1,4 3545 M 126 MW 1:15-2:55P E Schultz

MUC111 Digital Audio Workstation I (DAW I) \$165 3

Pro Tools editing and recording using the Digidesign Pro Tools LE package. Emphasis on the Digi 001. Includes Macintosh computer operation, troubleshooting, and file management. Prerequisites: MUC195 or MUC195AA.

7671 M 126 W 5:45-9:15P Staff

MUC112 Digital Audio Workstation II (DAW II) \$165 3

Uses of Pro Tools mixing and automation in conjunction with editing and recording utilizing the Digidesign Digi 001. Includes Macintosh computer operation, troubleshooting, and file management. Prerequisites: MUC111.

7672 M 126 W 5:45-9:15P Staff

For all MUC195 and MUC196 sections, no textbook needed, headphones are required. Additional lab sessions TBA with instructor.

MUC195 Studio Music Recording I \$205 3

Basic principles of studio sound recording. Emphasis on musical acoustics, operation of recording equipment, studio setups, and multitrack recording. Includes studio session process and musical production decisions. Prerequisites: None.

4 3579 M 126 MW 3:30-5:35P Staff
4 3581 M 126 TR 11:00-1:05PA Mortimer
4 7673 M 104 S 1:30-5:40P Staff

Section 7673 begins Saturday, August 20.

MUC196 Studio Music Recording II \$205 3

Emphasis on signal-processing equipment, mixing consoles, and advanced musical recording session procedures, production, and engineering. Includes mix-down and resultant master tape of a musical recording session. Prerequisites: MUC195.

1,4 3585 M 126 TR 3:30-5:35P J Weddle

MUC295 Studio Music Recording III \$205 3

Producing and engineering a recording project. Covers how recording studios work and how recording projects are organized from pre-production through delivery of the final mix. Prerequisites: MUC196.

1,4 3587 M 126 F 2:00-6:00P J Weddle

MUC297AB Music Internship \$111 2

Music Internship work experience in a business or industry. Eighty (80) hours of designated work per credit totaling 160 hours per semester. A maximum of 12 credits allowed. Prerequisites: Departmental approval.

3,4 3589 TBA TBA TBA E Schultz

Subj. Code	Course Title	*\$	Credits	
Ftnt.	Sect # Bldg/Rm	Days	Time	Instructor

Music: Literacy/Theory/Composition**MTC101 Introduction to Music Theory \$166 3**

Designed to develop written and aural skills necessary for advanced study of music theory and skills. Recommended for music majors. Prerequisites: None.

4	3523 M 125	MWF	10:00-10:50A	E Brown
4	7643 M 103	W	6:00-8:30P	Staff

MTC103 Introduction to Aural Perception \$111 2

An introduction to the aural skills necessary to hear relationships of intervals, rhythms, melody, and harmony in music. May be repeated for a total of four (4) credit hours. Prerequisites: None.

4	3527 M 125	TR	9:00-9:50A	E Brown
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MTC155 Music Theory II \$166 3

A continuation of Music Theory I with emphasis on harmony and part-writing procedures. Prerequisites: MTC105. Corequisites: MTC156.

1,4	3535 M 102	MWF	9:00-9:50A	K D'Ercole
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MTC156 Aural Perception II \$56 1

A continuation of Aural Perception I, including harmonic practices. Prerequisites: None.

1,4	3537 M 103	TR	9:00-9:50A	K D'Ercole
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MTC255 Music Theory IV \$166 3

A continuation of Music Theory III, including 20th century theories and techniques. Prerequisites: MTC205. Corequisites: MTC256.

1,4	3553 M 102	MWF	8:00-8:50A	E Schultz
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MTC256 Aural Perception IV \$56 1

A continuation of Aural Perception III, including extended chords. Prerequisites: None.

1,4	3557 M 103	TR	8:00-8:50A	E Schultz
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MTC261 Modern Arranging I \$166 3

Basic arranging techniques as used in jazz and rock idioms for combo and special ensembles. Idiomatic uses of harmony, melodic rhythm, voicing, tonal color and notation. May be repeated for a total of six (6) credit hours. Prerequisites: MUP164 and MUP165, or permission of instructor.

4	3558 M 104	MWF	11:00-11:50A	B Ruth
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MTC298 Special Projects

(See department chair for registration)

Subj. Code	Course Title	*\$	Credits	
Ftnt.	Sect # Bldg/Rm	Days	Time	Instructor

Music: Merchandising**MUC109 Music Business: Merchandising and the Law \$166 3**

Operation, scope, and career opportunities in the music business. Focuses on music in the marketplace, songwriting, publishing, copyright procedures, and business affairs, agents, artist management, and concert production. Prerequisites: None.

4	3573 M 102	MWF	12:00-12:50P	I Daniels
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MUC110 Music Business: Recording and Mass Media \$166 3

The operation, scope, and career opportunities in the music business. Focuses on the record industry; environmental music; uses of music in radio, telecommunications, and film; and career options. Prerequisites: None.

4	7669 M 102	T	7:00-9:30P	O D'Agnolo
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Music: Performance

MUP110 is required of all music majors.

MUP110 Concert Music \$29 .5

Attendance at concerts, recitals and music lectures on and off campus. Required each semester for all music majors. Prerequisites: None.

4	3671 M 138	W	2:00-2:50P	D Hooper
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MUP153 A Cappella Choir \$111 2

A mixed choir designed to emphasize choral techniques and performance of all styles of choral literature. Public performances are scheduled during the year including a concert tour. Auditions may be required. May be repeated for credit. Prerequisites: None.

4	3757 M 138	MWF	11:00-11:50AD	Hooper
	M 138	TR	11:30-12:20P	

MUP155 Handbell Choir (Bell Canto) \$56 1

Emphasis on practical and performing skills in bell ringing. Preparation of all styles of bell literature. Scheduled public performances during the year. Prerequisites: None. May be repeated for credit.

3,4	7741 M 138	M	7:10-9:40P	M Mazzatenta
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MUP157 Women's Chorus \$56 1

A women's chorus designed to emphasize choral technique and performance of all styles of appropriate choral literature. Public performances are scheduled during the year. Auditions may be required. May be repeated for credit. Prerequisites: None.

4,8	7743 M 138	T	7:30-10:00P	D Hooper
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Section 7743 Students must also enroll in MUP181 section 7753.

Subj. Code	Course Title	*\$	Credits	
Ftnt.	Sect # Bldg/Rm	Days	Time	Instructor

MUP159 Community Orchestra \$56 1

Emphasis on college/community participation and the preparation of orchestral literature for public performance. Auditions may be required. May be repeated for credit. Prerequisites: None.

4	7745 M 104	T	7:00-9:30P	L Brown
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MUP161 Community Band \$56 1

Emphasis on college/community participation and the preparation of band literature for public performance. Auditions may be required. May be repeated for credit. Prerequisites: None.

4	7747 M 104	M	7:00-9:30P	J Faris
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MUP162 Band \$111 2

A class designed to emphasize instrumental techniques and the preparation of all styles of band literature. Public performances are scheduled during the year. Auditions may be required. May be repeated for credit. Prerequisites: None.

4	3761 M 104	MTWRF	1:05-1:55P	M Yoes
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MUP163 Jazz Ensemble \$56 1

Practical and performance experience in various jazz styles. Open to all students on the basis of auditions. May be repeated for credit. Prerequisites: None.

4	3763 M 104	MWF	12:00-12:50P	M Yoes
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MUP164 Jazz Improvisation I \$111 2

Theoretical and performance skills in many styles of jazz improvisation. May be repeated for a total of six (6) credit hours. Prerequisites: None.

4	3767 M 104	TR	11:30-1:00P	B Ruth
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MUP181 Chamber Music Ensembles \$56 1

Practical and performance experience in instrumental, vocal, and mixed ensembles. May be repeated for credit. Prerequisites: None.

4	3769 TBA	TBA	TBA	E Brown
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4,8	7753 M 138	T	5:45-7:25P	D Hooper
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Section 7753 Students must also enroll in MUP157 section 7743.

4	7755 M 103	TR	6:00-6:50P	L Brown
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MUP182 Chamber Singers \$56 1

Practical and performance experience in various styles of vocal music. Open to all students on the basis of auditions. May be repeated for credit. Prerequisites: None.

1,4	7759 M 138	R	6:30-9:00P	Staff
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Section 7759 registration with permission of instructor only.

Subj. Code	Course Title		*\$	Credits	
Fnt.	Sect #	Bldg/Rm	Days	Time	Instructor

Music: Performance - Class Guitar**MUP225 Class Guitar I \$111 2**

Emphasis on note-reading and folk-style harmonic accompaniment. Includes finger-style playing. Stresses development of efficient practice techniques and proper sitting and hand positions. Prerequisites: None.

4	3831	M 103	MWF	11:00-11:50A	Staff
4	3833	M 103	TR	11:30-12:45P	Staff
4	7765	M 103	M	7:00-9:30P	J Yancey
4	7769	M 103	T	7:10-9:40P	J Yancey

MUP226 Class Guitar II \$111 2

Note-reading range including second position and parts of higher positions. Classical, popular, Latin, and other styles of music. Theory including scales, keys, and chord construction. Technical exercises of both hands. Prerequisites: MUP225 or permission of instructor.

1,4	3835	M 103	MWF	12:00-12:50P	Staff
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MUP227 Class Guitar III \$111 2

Additional fingerboard positions. Ensemble techniques and performance. Prerequisites: MUP226 or permission of instructor.

1,4	3837	M 103	MWF	12:00-12:50P	Staff
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MUP228 Class Guitar IV \$111 2

Advanced fingerboard positions. Duet and trio performances. Advanced ensemble techniques. Prerequisites: MUP227 or permission of instructor.

1,4	3839	M 103	MWF	12:00-12:50P	Staff
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Music: Performance - Class Piano**MUP131 Class Piano I \$115 2**

Development of beginning piano techniques and the fundamentals of music including basic hand position, music reading skills of melodic and harmonic material, major scales, transposition, and harmonizations including the I, IV, V7 chords. Prerequisites: None.

4	3675	M 125	MWF	9:00-9:50A	E Brown
4	3677	M 125	MW	12:00-1:15P	E Brown
4	3679	M 125	TR	10:00-11:15AD	Hooper
4	7711	M 125	M	6:30-9:00P	B Bingener
4	7713	M 125	T	6:05-8:35P	B Bingener
4	7715	M 125	W	6:05-8:35P	B Bingener

MUP132 Class Piano II \$115 2

Continuation of Piano I with emphasis on elementary piano techniques including major and minor scales, transposition, improvisation, and sight reading. Prerequisites: MUP131 or permission of instructor.

1,4	3681	M 125	MWF	9:00-9:50A	E Brown
1,4	3683	M 125	MW	12:00-1:15P	E Brown
1,4	3685	M 125	TR	10:00-11:15AD	Hooper
1,4	7719	M 125	M	6:30-9:00P	B Bingener
1,4	7723	M 125	T	6:05-8:35P	B Bingener
1,4	7725	M 125	W	6:05-8:35P	B Bingener

Subj. Code	Course Title		*\$	Credits	
Fnt.	Sect #	Bldg/Rm	Days	Time	Instructor

MUP231 Class Piano III \$115 2

Development of intermediate piano techniques including selected solo literature, transposition of harmonic patterns, and secondary dominants. Prerequisites: MUP132 or permission of instructor.

1,4	3843	M 125	MWF	9:00-9:50A	E Brown
1,4	3845	M 125	MW	12:00-1:15P	E Brown
1,4	3847	M 125	TR	10:00-11:15AD	Hooper
1,4	7777	M 125	M	6:30-9:00P	B Bingener
1,4	7779	M 125	T	6:05-8:35P	B Bingener
1,4	7781	M 125	W	6:05-8:35P	B Bingener

MUP232 Class Piano IV \$115 2

Continuation of Piano III including modulation techniques, improvisation of piano accompaniments, advanced chromatic harmony, and sight reading of advanced literature. Prerequisites: MUP231 or permission of instructor.

1,4	3851	M 125	MWF	9:00-9:50A	E Brown
1,4	3853	M 125	MW	12:00-1:15P	E Brown
1,4	3855	M 125	TR	10:00-11:15AD	Hooper
1,4	7783	M 125	M	6:30-9:00P	B Bingener
1,4	7785	M 125	T	6:05-8:35P	B Bingener
1,4	7787	M 125	W	6:05-8:35P	B Bingener

Music: Performance - Class Voice**MUP133 Class Voice I \$111 2**

Introduction to the fundamentals of vocal production. Emphasis on breathing techniques, tone production and performances in class of solo vocal literature. Prerequisites: None.

4	3687	M 138	MWF	9:00-9:50A	Dockendorff
4	3689	M 138	TR	10:00-11:15A	Dockendorff
4	3691	M 102	TR	3:00-4:15P	D Hooper
4	7729	M 102	M	7:10-9:40P	Dockendorff
4	7731	M 138	W	7:10-9:40P	Dockendorff

MUP134 Class Voice II \$111 2

Continuation of Class Voice I including the elements of stage presence and diction. Prerequisites: MUP133 or permission of instructor.

1,4	3693	M 138	MWF	9:00-9:50A	Dockendorff
1,4	3695	M 138	TR	10:00-11:15A	Dockendorff
1,4	3697	M 102	TR	3:00-4:15P	D Hooper
1,4	7735	M 102	M	7:10-9:40P	Dockendorff
1,4	7737	M 138	W	7:10-9:40P	Dockendorff

MUP233 Class Voice III \$111 2

Interpretive singing through a closer examination of coloring, tone production, dynamics, and tempo indications. Prerequisites: MUP134.

1,4	3857	M 138	MWF	9:00-9:50A	Dockendorff
1,4	3859	M 138	TR	10:00-11:15A	Dockendorff
1,4	3861	M 102	TR	3:00-4:15P	D Hooper
1,4	7791	M 102	M	7:10-9:40P	Dockendorff
1,4	7793	M 138	W	7:10-9:40P	Dockendorff

Subj. Code	Course Title		*\$	Credits	
Fnt.	Sect #	Bldg/Rm	Days	Time	Instructor

MUP234 Class Voice IV \$111 2

Emphasis on the preparation of solo vocal literature for the purpose of evaluation and the integration of the music with the drama of the music. Prerequisites: MUP233 or permission of instructor.

1,4	3863	M 138	MWF	9:00-9:50A	Dockendorff
1,4	3865	M 138	TR	10:00-11:15A	Dockendorff
1,4	3867	M 102	TR	3:00-4:15P	D Hooper
1,4	7795	M 102	M	7:10-9:40P	Dockendorff
1,4	7797	M 138	W	7:10-9:40P	Dockendorff

P/Z grades are an option for any of the preceding classes.

Music: Private Instruction

Visit our website for further information, www.phoenixcollege.edu

MUP101, MUP151, MUP201, and MUP251:

MUP101 Freshman I	TBA	TBA	Staff	1
MUP151 Freshman II	TBA	TBA	Staff	1
MUP201 Sophomore III	TBA	TBA	Staff	1
MUP251 Sophomore IV	TBA	TBA	Staff	1

MUP102, MUP152, MUP202, and MUP252:

MUP102 Freshman I	TBA	TBA	Staff	2
MUP152 Freshman II	TBA	TBA	Staff	2
MUP202 Sophomore III	TBA	TBA	Staff	2
MUP252 Sophomore IV	TBA	TBA	Staff	2

Multimedia Technology

See: Art-Media Arts

Navajo

Department Chair: Dr. V. Foster

Curriculum development in progress for NAV102 Elementary Navajo, contact the Department Chair, Dr. Virginia Foster or Jennifer Wheeler for information.

NAV101 Elementary Navajo I \$225 4

Basic grammar, pronunciation, and vocabulary of the Navajo language. Practice of listening, speaking, reading, and writing skills. Includes the study of the Navajo culture with participation in an off-campus Navajo cultural event. Prerequisites: None.

4	3941	OSW101	MTWR	9:00-9:50A	Staff
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NAV115 Beginning Navajo Conversation I \$165 3

Beginning conversational Navajo. Focuses on basic sentence structure, pronunciation, and vocabulary. Develops basic speaking, reading, writing skills in the Navajo language. Prerequisites: None.

4	7813	K 101	T	6:00-8:55P	J Wheeler
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Subj. Code	Course Title	*\$	Credits		
Ftnt.	Sect #	Bldg/Rm	Days	Time	Instructor

Nursing

Department Chair: Ms. M. Souders

Many of the Nursing prerequisites are also listed under HCC (Health Core Curriculum). See pages 86-87 for a complete listing of HCC courses.

Several corequisites and electives are also listed under HCR (Health Care Related). See page 86, for a complete listing of HCR courses.

NCE214MF Advanced IV Drug Therapy \$28 .5

Advanced course in drug calculation and administration using the ratio/proportion analysis method. Focus on intravenous medications and titrations for critical care, pediatric and high risk obstetric medications. Prerequisites: Current student in Associate Degree Nursing program, or permission of instructor.

1	3953	C 120	W	7:00-11:30A	I Fawcett
<i>Section 3953 will meet on 08/10.</i>					

NCE214MI Math & Medications for Intermediate Nursing Students \$28 .5

Focus on basic mathematical concepts to calculate metric-apothecary conversion, dosage problems, intravenous flow rates using the ratio/proportion analysis method. These calculations will focus application to acute care, long-term care, and pediatric specialty areas. Prerequisites: A grade of C or better in NUR161, NUR163, NUR167, NUR169, HCR240AA, and FON241.)

1	3955	C 120	T	7:00-11:30A	I Fawcett
<i>Section 3955 meets 1 week 08/09 - 08/11.</i>					

NCE214MM Math/Methods of Drug Calculation \$55 1

Focuses on basic mathematical concepts using decimals and fractions to calculate fractional and metric-apothecary conversion dosage problems and intravenous flow rates. Emphasis on the dimensional analysis problem solving method. Prerequisites: None.

1	3957	C 120	MR	7:00-10:00A	I Fawcett
<i>Section 3957 meets 1 week 08/08 - 08/11.</i>					

NUR104AB Structured Nursing Review \$55 1

Structured nursing tutorial assistance and nursing study skills to help students achieve success in their respective block of nursing courses. Nursing process and critical thinking application skills emphasized. Prerequisites: None. Course Note: Course offered as Credit (P) No credit (Z) basis. May be repeated for a total of six (6) credit hours.

1	3973	TBA	TBA	TBA	B Ewald
<i>Section 3973 meets 13 weeks 09/12 - 12/16.</i>					

1	3977	TBA	TBA	TBA	I Fawcett
<i>Section 3977 meets 13 weeks 09/12 - 12/16.</i>					

1	3979	TBA	TBA	TBA	Staff
<i>Section 3979 meets 13 weeks 09/12 - 12/16.</i>					

Subj. Code	Course Title	*\$	Credits		
Ftnt.	Sect #	Bldg/Rm	Days	Time	Instructor

NUR156 Nurse Assisting \$110 2

Role of the nursing assistant for clients across the wellness/illness continuum within the nurse assisting scope of practice. Introduction to problem solving process specific to meeting the basic and holistic needs of clients. Professional communication skills essential for the nursing assistant. Nursing interventions to ensure the needs and safety of the client. Specific types of diseases, conditions and alterations in behavior of the client. Principles of nutrition and fluid balance. Special needs of the elder client in the acute and long-term care settings. Basic emergency care skills and procedures. Prerequisites or Corequisites: [HCC130 or (HCC130AA, HCC130AB, HCC130AC, HCC130AD, HCC130AE, and HCC130AF)] and HCC145AA, or equivalent. Corequisites: NUR157. Course Note: NUR156 and NUR157 must be successfully completed concurrently to meet program requirements.

1,8	3981	E 219	M	10:00-1:00PN	Gobbato
<i>Section 3981 meets 10 weeks 08/22 - 10/31.</i>					

NUR157 Nurse Assisting Lab \$135 2

Demonstration of problem solving, professional behavior and therapeutic communication skills. Demonstration of caring behaviors and ensuring environmental safety for the client. Provides opportunity for the development of clinical competency in the performance of selected nursing assisting skills and procedures through participation in the care of clients. Prerequisites: Completed Health and Safety Documentation Checklist (Proof of immunity or immunizations for Rubella, Rubeola, Mumps, Varicella, Hepatitis B, current TB testing, and current Health Care Provider CPR card) and completed Health Declaration form. Corequisites: NUR156. Course Note: NUR156 and NUR157 must be successfully completed concurrently to meet program requirements.

1,4,8	3983	C 117	T	7:00-4:00P	N Gobbato
<i>Section 3983 meets 10 weeks 08/30 - 11/01.</i>					

1,4,8	3985	C 117	T	7:00-4:00P	G Coscia
<i>Section 3985 meets 10 weeks 08/30 - 11/01.</i>					

1,4,8	3987	C 117	F	7:00-4:00P	G Coscia
<i>Section 3987 meets 10 weeks 09/02 - 11/04.</i>					

NUR161 Nursing Process/Critical Thinking I \$165 3

Overview of nursing concepts and theories focusing on meeting basic human needs across the life span based on the wellness/illness continuum within the practical nurse scope of practice. Theoretical concepts focus on care of the well client, elder client, and clients with selected alterations in health and psychological/mental health disorders. Emphasis on the role of the practical nurse in the nursing care plan utilizing established nursing diagnoses. Focus on the development of the critical thinking process related to nursing care of clients in acute care and community settings. Prerequisites: Admission into the nursing program. Corequisites: NUR169 or permission of Nursing Department chairperson. Course Note: Nursing Process/Critical Thinking course and Nursing Science course must be successfully completed concurrently to meet program requirements.

1	3991	C 206	M	12:00-3:00P	M Vines K Flanigan
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Subj. Code	Course Title	*\$	Credits		
Ftnt.	Sect #	Bldg/Rm	Days	Time	Instructor

NUR163 Health Assessment/ Health Promotion I \$55 1

Emphasis on basic health assessment and history skills and promotion of wellness by using holistic nursing assessments for clients. Includes use of healthy life style strategies and primary prevention Prerequisites: Admission into the nursing program.

1	3993	C 117	R	7:00-3:00P	K Flanigan
<i>Section 3993 meets 6 weeks 08/25 - 09/29.</i>					

1	3995	C 117	R	7:00-3:00P	M Vines
<i>Section 3995 meets 6 weeks 08/25 - 09/29.</i>					

NUR167 Pharmacology and Medication Administration I \$90 1

Provides basic pharmacology knowledge and skills to administer medications. Emphasis placed on developing the role of the nurse using critical thinking skills for safe practice in the administration of medications. Prerequisites: Admission into the nursing program.

1,4	3999	C 117	W	7:00-3:00P	K Flanigan
HYBRID					

Section 3999 meets 6 weeks 08/24 - 09/28 and is a hybrid course meeting online and in the classroom. See page 122 for complete information.

1,4	4001	C 117	W	7:00-3:00P	M Vines
HYBRID					

Section 4001 meets 6 weeks 08/24 - 09/28 and is a hybrid course meeting online and in the classroom. See page 122 for complete information.

NUR169 Nursing Science I \$190 3

Development of clinical competency in the performance of selected nursing skills and procedures. Provides for participation in the care of clients experiencing problems of alteration in health and selected mental health disorders. Provides for clinical practice experiences with individuals and families in a variety of acute and community settings. Application of holistic nursing concepts and theories related to health promotion, disease/illness prevention, and health restoration of individuals Prerequisites: Admission into the nursing program. Corequisites: NUR161 or permission of Nursing Department chairperson. Course Note: Nursing Process/Critical Thinking course and Nursing Science course must be successfully completed concurrently to meet program requirements.

1,2,4	4003	HOSP	WR	7:00-3:00P	K Flanigan
<i>Section 4003 meets 10 weeks 10/05 - 12/08.</i>					

1,2,4	4005	HOSP	WR	7:00-3:00P	M Vines
<i>Section 4005 meets 10 weeks 10/05 - 12/08.</i>					

1,2,4	4007	HOSP	WR	7:00-3:00P	Staff
<i>Section 4007 meets 10 weeks 10/05 - 12/08.</i>					

1,2,4	4009	HOSP	WR	7:00-3:00P	N Gobbato
<i>Section 4009 meets 10 weeks 10/05 - 12/08.</i>					

Subj. Code	Course Title	*\$	Credits
Fnt.	Sect # Bldg/Rm	Days	Time

NUR181 Nursing Process/ Critical Thinking II \$195 3

Focus on nursing concepts and theories to meet basic human needs across the life span based on the wellness/illness continuum. Emphasis on the nursing process related to pediatric and adult clients with selected alterations in health. Introduction to care of the well childbearing client and childbearing family. Continuation of the role of the practical nurse in planning nursing care and applying established nursing diagnoses for clients. Emphasis on the utilization of critical thinking processes related to nursing care of clients in acute care and community settings Prerequisites: NUR161, NUR163, NUR169, and (HCR240 or HCR240AA). Corequisites: NUR189 or permission of Nursing Department chairperson. Course Note: Nursing Process/Critical Thinking course and Nursing Science course must be successfully completed concurrently to meet program requirements.

1,4	4013 C 206	MT	10:00-11:30AM	Chavez
				P Dewitt
				B Ewald

NUR185 Developing the Nurse's Role I \$55 1

Overview of roles in nursing with emphasis on transition from nursing assistant to practical nurse. Includes introduction of the core values of the MCCD nursing programs, nursing history, standards, and scope of practice. Introduces concepts and skills required of the practical nurse, and application of communication techniques and delegation to teamwork and leadership. Prerequisites: NUR161, NUR163, NUR167, NUR169, and admission into the nursing program.

1	4017 C 206	M	12:00-12:50P	B Ewald
1	4019 E 215	M	12:00-12:50P	Staff

NUR187 Pharmacology & Medication Administration II \$93 1.5

Overview of selected drug classifications and groupings. Emphasis on principles of drug metabolism and effects, interactions and adverse reactions, and nursing implications for safe practice Prerequisites: (HCR240 or HCR240AA), NUR161, NUR163, NUR167, and NUR169.

1,4	4021 C 206	T	8:00-9:20A	M Chavez
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HYBRID

Section 4021 is a hybrid course meeting online and in the classroom, see page 122 for complete information..

1,4	4023 PC WEBCT			M Chavez
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Section 4023 meets 9 weeks 09/19 - 11/14. PC WEBCT is an online course, see page 122 for complete information.

Subj. Code	Course Title	*\$	Credits
Fnt.	Sect # Bldg/Rm	Days	Time

NUR189 Nursing Science II \$245 4

Continued application of holistic nursing concepts and theories related to health promotion, disease/illness prevention and health restoration of individual and families. Provides continued opportunity for the development of clinical competency in the performance of selected nursing skills, participation in the care of clients across the life span including clients with alterations in health. Provides experiences with individuals, families, and small groups of clients in a variety of acute care, and community settings. Application of nursing concepts and theories related to the development of care plans, client teaching, and discharge planning Prerequisites: NUR161, NUR163, NUR169, and (HCR240 or HCR240AA). Corequisites: NUR181 or permission of Nursing Department chairperson. Course Note: Nursing Process/Critical Thinking course and Nursing Science course must be successfully completed concurrently to meet program requirements.

1,2,4	4027 HOSP	WR	7:00-3:00P	M Chavez
1,2,4	4029 HOSP	WR	7:00-3:00P	Staff
1,2,4	4031 HOSP	WR	7:00-3:00P	B Ewald
1,2,4	4033 HOSP	WR	7:00-3:00P	Staff

NUR261 Nursing Process/ Critical Thinking III \$165 3

Focus on nursing concepts and theories to meet complex human needs across the life span based on the wellness/illness continuum in a variety of acute care and community settings. Emphasis on utilizing critical thinking skills to plan holistic care through the nursing process for groups of clients with selected acute and chronic alterations in health and psychiatric/mental health disorders. Prerequisites: NUR181, NUR185, NUR187, NUR189 and (HCR240 or HCR240AB), or Integrated Competency Assessment Network (ICAN) placement. Corequisites: NUR269 or permission of Nursing Department chairperson. Course Note: Nursing Process/Critical Thinking course and Nursing Science course must be successfully completed concurrently to meet program requirements.

1	4035 C 206	R	8:00-11:20A	I Fawcett
				S Vandeputte

NUR263 Health Assessment & Health Promotion II \$55 1

Use of advanced, specialized, and holistic assessments to restore optimal wellness for clients across the life span. Emphasis on active involvement and use of resources, risk reduction, prevention, and education strategies and programs for specific communities. Prerequisites: NUR163, or Integrated Competency Assessment Network (ICAN) placement.

1	4041 C 206	W	8:00-11:20A	S Vandeputte
1	4043 E 219	W	8:00-11:20A	I Fawcett

Subj. Code	Course Title	*\$	Credits
Fnt.	Sect # Bldg/Rm	Days	Time

NUR267 Pharmacology & Medication Administration III \$80 1

Provides the knowledge and skills to safely prepare and administer intravenous medications and solutions. Emphasizes management of clients receiving complex therapies such as blood and blood products, parental nutrition, and pain management. Includes an overview of medications used in emergency and critical care situations across the lifespan. Emphasis on pharmacokinetics, safe preparation and administration, monitoring, and documentation of client responses Prerequisites: (NUR187 or NCE214OP), or Integrated Competency Assessment Network (ICAN) placement.

1,4	4045 C 206	R	12:00-12:50P	S Vandeputte
1,4	4047 E 219	R	12:00-12:50P	I Fawcett

NUR269 Nursing Science III \$300 5

Application of critical thinking skills through the nursing process to clients and families with acute alterations in health and psychiatric/mental health disorders. Provides for the development of clinical and cultural competency and the continued development of selected nursing skills and procedures within the scope of the professional nurse. Holistic care of clients, families, and small groups in a variety of acute and community health care settings. Application of professional nursing concepts and theories related to health education/promotion for clients, families, and small groups. Prerequisites: NUR181, NUR185, NUR187, NUR189, (HCR240 or HCR240AB or NCE214OP), or Integrated Competency Assessment Network (ICAN) placement. Corequisites: NUR261 or permission of Nursing Department chairperson. Course Note: Nursing Process/Critical Thinking course and Nursing Science course must be successfully completed concurrently to meet program requirements.

1,2,4	4049 HOSP	MT	7:00-3:00P	S Vandeputte
1,2,4	4051 HOSP	MT	7:00-3:00P	Staff
1,2,4	4053 HOSP	MT	7:00-3:00P	I Fawcett
1,2,4	4055 HOSP	MT	7:00-3:00P	K Gray

OPEN-ENTRY/OPEN-EXIT COURSES

To successfully earn credit in your course, you must turn in your work and take the final exam by **Saturday, December 10, 2005.**

**Applied Business
Computer Lab Fall 2005
Lab opens August 22**



**Room B228
Phone: (602) 285-7361**

Open-entry/open-exit courses (OE/OE) are essentially SELF-PACED courses. In an OE/OE computer course, the student reads the textbook and supplemental materials, completes the assignments on the computer, checks the assignments against available answer keys, turns in the assignment, and then moves on to the next assignment.

These courses are recommended for students who (1) are self-motivated, (2) are strong readers, (3) have good problem-solving skills, and (4) manage time well.

The OE/OE environment offers students the ability to set a flexible schedule within the hours the Applied Business Computer Lab is open. It is recommended that students allocate sufficient lab time on a weekly basis to complete course work. Students may enroll in OE/OE courses throughout most of the semester.

Students who enroll for OE/OE courses MUST ATTEND AN ORIENTATION SESSION which is on the computers in the lab. The approximate one-hour orientation will provide information about textbooks, class supplies, computer software and equipment, lab usage procedures, methods for receiving assistance, and more. Faculty and lab technicians are in the lab during the hours of operation. You may enroll in either a Pass/No Credit section or the traditional Letter Grade section.

Subj. Code	Section No.	LtrGr	P/Z	Course Title	Cr.	Cost	Subj. Code	Section No.	LtrGr	P/Z	Course Title	Cr.	Cost
OFFICE SKILLS													
BPC/OAS11AA	0689	5689		Computer Keyboarding I	1	\$60	BPC/CIS114AE	0693	5693		Excel Level I — 2003	1	\$60
OAS101AB	4097	8097		Letters, Tables, & Reports	1	\$60	BPC/CIS114BE	0697	5697		Excel Level II — 2003	1	\$60
OAS101AC	4099	8099		Office Production & Manuscript	1	\$60	BPC/CIS114CE	0701	5701		Excel Level III — 2003	1	\$60
<i>See page 110 for instructor-led sections of OAS101.</i>													
SPREADSHEETS													
OAS103AA**	4103	8103		Typing: Skillbuilding I	1	\$60	BPC/CIS117AM	0705	5705		Database: Access Level I — 2003	1	\$60
OAS103AB**	4105	8105		Typing: Skillbuilding II	1	\$60	BPC/CIS117BM	0707	5707		Database: Access Level II — 2003	1	\$60
OAS103AC**	4107	8107		Typing: Skillbuilding III	1	\$60	BPC/CIS117CM	0709	5709		Database: Access Level III — 2003	1	\$60
OAS113	4113	8113		Micro-Alphabetic Indexing	1	\$60	DATABASE MANAGEMENT						
OAS118	4115	8115		10-Key by Touch	1	\$60	BPC/CIS117AM	0705	5705		Database: Access Level I — 2003	1	\$60
OAS119	4116	8116		Basic Data Entry Activities	1	\$60	BPC/CIS117BM	0707	5707		Database: Access Level II — 2003	1	\$60
OAS121	4117	8117		Techniques of Proofreading	1	\$60	BPC/CIS117CM	0709	5709		Database: Access Level III — 2003	1	\$60
OAS225	4125	8125		Legal Document Preparation	2	\$120	PRESENTATION PACKAGES						
<i>**Typing assessment required.</i>													
COMPUTER LITERACY — Microsoft Works													
BPC005	0661	5661		Brief Introduction to Computers	.25	\$15	BPC118AB	0711	5711		PowerPoint Level I — 2003	1	\$60
BPC101AA	0665	5665		Introduction to Microcomputers I	1	\$60	BPC118BB	0713	5713		PowerPoint Level II — 2003	1	\$60
BPC101BA	0669	5669		Introduction to Microcomputers II	1	\$60	BPC118CB	0715	5715		PowerPoint Level III — 2003	1	\$60
BPC101CA	0673	5673		Introduction to Microcomputers III	1	\$60	BPC120AF	0719	5719		Photoshop Level I	1	\$60
CIS183AA	0763	5763		Microsoft Works	3	\$120	BPC120BF	0721	5721		Photoshop Level II	1	\$60
OPERATING SYSTEMS													
BPC/CIS121AB	0725	5725		MS-DOS 6.2 Operating System	1	\$60	BPC120CF	0723	5723		Photoshop Level III	1	\$60
BPC/CIS121AE	0727	5727		Windows OS — Level I XP	1	\$60	BPC128	0733	5733		Desktop Publishing — Word 2003	1	\$60
BPC/CIS122AE	0731	5731		Windows OS — Level II XP	1	\$60	BPC128AF	0735	5735		Desktop Publishing — Publisher 2003	1	\$60
INTEGRATED SOFTWARE													
BPC110	0675	5675		Microsoft Office 2003	3	\$180	BPC138AA	0751	5751		Desktop Publishing — Pagemaker 7.0	3	\$180
<i>See page 60 for instructor-led sections of BPC110.</i>													
PERSONAL FINANCES													
BPC115AA	0703	5703		Quicken Level I	1	\$60	INTERNET						
WORD PROCESSING													
<i>Students paying computer lab fees for any of the open-entry courses listed here or any traditional Applied Business computer course are welcome to use B228 for assignments throughout the semester without further charge. Students not enrolled in supported courses may use the computer lab by enrolling in NC500 Section 9020 for \$10.</i>													

Subj. Code Course Title *\$ Credits
Fnt. Sect # Bldg/Rm Days Time Instructor

Office Automation Systems

Department Chair: Mrs. K. Green
Program Director: Mrs. D. Fladhammer

OAS101 Computer Typing I: Keyboarding and Formatting \$180 3

Keyboard mastery; letters, tables, and reports; office production; and manuscripts. Prerequisites: None.

4 4093 B 225 MWF 9:30-10:55A K Green

OAS101AA Computer Typing I: Keyboard Mastery \$60 1

Incorporates correct touch typing principles. Prerequisites: None.

2,4 4095 B 225 MW 1:00-2:55P Staff
Section 4095 meets 6 weeks 09/19 - 10/26.

2,4 8091 B 225 T 6:00-8:45P S Sherman
Section 8091 meets 10 weeks 09/13 - 11/15.

OAS102 Computer Typing II: Document Production \$180 3

Arrangement of letters, memos, manuscripts, and tabulation; speed/accuracy improvement. Prerequisites: OAS101 or permission of department/division.

Offered as a teacher-led class during the day in the fall and in the evening in the spring. Offered as an open-entry class in the summer.

1,4 4101 B 225 MWF 8:00-9:25A K Green

OAS103AA Computer Typing: Skill Building I \$60 1

Individual progression on speed/accuracy drills. Prerequisites: Ability to touch type at 25 words per minute or permission of department/division.

2,4 8101 B 225 T 6:00-8:45P S Sherman
Section 8101 meets 10 weeks 09/13 - 11/15.

OAS106 Basic Machine Transcription \$180 3

Mastery of transcribing techniques with emphasis on language skills and document formatting. Prerequisites: OAS101 or permission of department/division.

Offered as an open-entry class in the fall and summer and as a teacher-led evening class in the spring.

1,4 4109 B 228 OE/OE OE/OE W Jones
Section 4109 is an open-entry class. Students enrolled in this course are required to attend an orientation in B228 on either Tuesday, August 23, at 8 a.m., or Thursday, August 25, at 6:30 p.m.

OAS108 Business English \$165 3

Comprehensive coverage of correct use of English grammar including spelling, punctuation, capitalization, and number style mechanics in a business context. Prerequisites: None.

Offered during the day in the fall and in the evening in the spring.

8109 B 123 MWF 11:00-11:50A L Kurth

Subj. Code	Course Title	*\$	Credits
Fnt.	Sect # Bldg/Rm	Days	Time

OAS181 Medical Office: Vocabulary \$180 3
Basic medical vocabulary with emphasis on pronunciation, spelling, and definition. Prerequisites: None.

4 4121 PC WEBCT S Tolino
Section 4121: Internet information will be mailed to students the first week of class. See page 122 for additional information.

OAS201 Computer Typing III: Advanced Document Production \$180 3

Mastery of skills and techniques used in the production of letter, manuscript, and statistical documents; decision making; business/industry standard emphasized. Prerequisites: OAS102, or minimum typing speed of 50 wpm, or permission of department/division.

Offered during the day and evening in the fall and in the evening in the spring.

1,4 4123 B 225 MWF 8:00-9:25A K Green
1,4 8123 B 230 TR 6:00-8:15P Staff
OAS237, OAS238, OAS241, OAS242, and OAS243 are open-entry classes. Students enrolled in these courses are required to attend an orientation in B228 on either Tuesday, August 23, at 8 a.m., or Thursday, August 25, at 6:30 p.m.

OAS237 Medical Transcription I \$180 3

Development of transcription skills in medical area. Includes operation and care of computers, diskettes, transcribers and dictation media. Emphasis on accuracy, use of reference materials, formatting, style, and proofreading. Prerequisites: (OAS102, OAS106, and (OAS181 or HIT170 or HLR170, or equivalent)) or permission of department/division.

1,4 4127 B 228 OE/OE OE/OE K Green

OAS238 Advanced Machine Transcription/Legal \$180 3

Development of recorded transcription skills in legal area. Includes operation of information processing equipment, transcription and dictation media. Emphasis on transcribing speed and accuracy and use of reference materials. Prerequisites: OAS102 and OAS106, or permission of department/division.

1,4 4129 B 228 OE/OE OE/OE K Green

OAS241 Medical Transcription II \$180 3

Continuation of medical transcription skills with emphasis on speed and accuracy; general medicine, surgery, radiology dictation. Prerequisites: OAS237, or permission of department/division.

1,4 4131 B 228 OE/OE OE/OE K Green

OAS242 Medical Transcription III \$180 3

Mastery of transcription skills used in the production of health records and medical reports; emphasis on speed and accuracy. Prerequisites: OAS241, or permission of department/division.

1,4 4133 B 228 OE/OE OE/OE K Green

Subj. Code	Course Title	*\$	Credits
Fnt.	Sect # Bldg/Rm	Days	Time

OAS243 Medical Transcription Refresher \$60 1

Review of medical transcription skills. Equipment care and maintenance; use of medical references; transcription of various medical documents; proofreading for accuracy; speed development. Prerequisites: OAS242, or permission of department/division.

1,2,4 8129 B 228 OE/OE OE/OE K Green

OAS246 Medical Transcription Internship \$55 1

Eighty (80) hours of medical transcription experience in an office setting. Supervision by on-the-job supervisor; evaluation by supervisor and college coordinator. Emphasis on application of medical transcription skills. Prerequisites: OAS241 and permission of instructor or program coordinator.

2 4135 B 228 TBA TBA S Tolino
Section 4135 meets 11 weeks 09/26 - 12/09.

OAS298 Special Projects

OAS298 may be taken for 1, 2, or 3 credits. See Dana Fladhammer before enrolling.

Also see open-entry classes and information, p. 110. Also see Business and Personal Computers, p. 60-61. Also see Business Technology for the Office, p. 61.

Patient Care Technician

Department Chair: Ms. L. Ligon
Program Director: Ms. H. Houser

The Patient Care Technician Program is designed to progress the nursing assistant and potential nursing student toward advanced skills and practice. Attend classes Monday and Tuesday from 8:30 a.m. to 4:30 p.m. Finish all courses and externship in 16 weeks or less. For more information call Helen Houser at 602-285-7135.

HCE109 Phlebotomy and Specimen Processing: Basic Skills \$85 1

Theory and practice of basic phlebotomy and specimen processing including laboratory test codes, equipment, and procedures. Prerequisites: None.

1,4,8 2409 C 111 MT 1:00-4:50P C Tankersley
Section 2409 meets 4 weeks 09/20 - 10/11.

HCE110 Practicum: Fundamental Phlebotomy Skills \$38 .5

Application of fundamental phlebotomy techniques in a clinical laboratory setting or health care environment. Prerequisites: HCE109, or permission of program coordinator.

1,4,8 2426 TBA TBA TBA Staff
Section 2426 meets 6 weeks 10/12 - 11/04.

Subj. Code	Course Title	*\$	Credits
Fnt.	Sect # Bldg/Rm	Days	Time

HCE261 Applied EKG \$65 1

Entry-level training to professionally perform, process, and explain the electrocardiogram. Overview of cardiac anatomy, physiology, and conduction systems. Overview of commonly encountered drugs in cardiac medicine. Data collection, selection, processing, and presentation for the appropriate medical/clinical professional to review. Selected specific non-invasive cardiac testing procedures. Prerequisites: None.

1,4 2499 C 210 MT 8:30-5:00P L Jensen
Section 2499 meets 2 weeks 09/12 - 09/19.

HCE271 Patient Care Technician Skills \$75 1

Designed to prepare students for advanced patient care skills. Fundamentals in microorganisms and microbial control. Specimen collection, handling and testing, wound care and catheterization. Prerequisites: Permission of Program Director.

1,4 2505 C 210 MT 8:30-11:50A H Houser
Section 2505 meets 4 weeks 09/20 - 10/11.

HCE272 Practicum: Patient Care Technician \$60 1

Designed to provide clinical experience in the medical facility. Emphasis on application of advanced patient-care skills. Includes incorporation of new skills into a work assignment and development of working relationships in an expanded role. Prerequisites: Permission of program coordinator.

1,4,8 2511 TBA TBA TBA M Bayless
Section 2511 meets 10 weeks 10/11 - 12/31.

Philosophy

Department Chair: Dr. A. Celozza
Evening Coordinator: Dr. M. Wilson

PHI101 Introduction to Philosophy \$165 3

General consideration of human nature and the nature of the universe. Knowledge, perception, freedom and determinism, and the existence of God. Prerequisites: None.

4295 A 110 MWF 9:00-9:50A D Miehl
6 4297 A 202 MWF 9:00-9:50A I Genna
Section 4297 Registration takes place in the Honors Office, DB-317.

4299 B 123 MWF 10:00-10:50A I Genna
4301 A 110 TR 8:30-9:45A D Miehl
7943 A 105 T 7:10-9:50P Staff
7945 A 105 W 7:10-9:50P Staff

Subj. Code	Course Title	*\$	Credits	
Ftnt.	Sect # Bldg/Rm	Days	Time	Instructor

PHI103 Introduction to Logic \$165 3

Informal logic, logical fallacies, elementary symbolic logic, analysis of argument forms, and construction of proofs for validity. Prerequisites: ENG101 or ENG107, or equivalent.

4305	A 110	MWF	10:00-10:50A	D Miehls
4307	A 201	MWF	11:00-11:50A	I Genna
4309	A 110	TR	10:00-11:15A	D Miehls
7949	A 111	M	7:10-9:50P	Staff

PHI105 Introduction to Ethics \$165 3

Major theories of conduct. Emphasis on normative ethics, theories of good and evil from Plato to the present. Prerequisites: None.

6	4313	A 201	MWF	10:00-10:50A	R Sullivan
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Section 4313 Registration takes place in the Honors Office, DB-317.

PHI212 Contemporary Moral Issues \$165 3

Philosophical consideration of such moral issues as civil disobedience, preferential treatment, abortion, privacy, sexual morality, and poverty and hunger. Prerequisites: None.

4377	E 215	TR	8:30-9:45A	I Genna
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PHI243 World Religions is also offered as HIS243 (see page 93) and REL243 (see page 116).

PHI243 World Religions \$165 3

The development of various religions from the prehistoric to modern times. Political, economic, social and geographic relationships among world religions. Consideration of both Eastern and Western religions. Prerequisites: None.

4317	C 211	MWF	10:00-10:50A	A Celozza
4319	C 211	MWF	11:00-11:50A	A Celozza
7953	A 105	MW	5:40-6:55P	Staff
7955	A 110	T	7:10-9:50P	D Miehls

Phlebotomy

Department Chair: Ms. L. Ligon
Program Director: Ms. C. Tankersley

All students should contact Cathee Tankersley at 602-285-7117 or see an Advisor before enrollment in this program.

HCE109 Phlebotomy and Specimen Processing: Basic Skills \$85 1

Theory and practice of basic phlebotomy and specimen processing including laboratory test codes, equipment, and procedures. Prerequisites: None.

1,4,8	6773	C 111	TR	5:00-9:00P	C Tankersley
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Section 6773 meets 4 weeks 08/23 - 09/15.

1,4,8	6775	C 111	TR	5:00-9:00P	G Hiddessen
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Section 6775 meets 4 weeks 08/23 - 09/15.

HCE111 Phlebotomy and Specimen Processing: Advanced Techniques \$85 1

Theory and practice of advanced techniques in phlebotomy and specimen processing including laboratory test codes, equipment, and procedures. Prerequisites: HCE109 or permission of instructor.

1,4,8	6781	C 111	TR	5:00-9:00P	C Tankersley
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Section 6781 meets 3 weeks 09/20 - 10/06.

1,4,8	6783	C 111	TR	5:00-9:00P	G Hiddessen
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Section 6783 meets 3 weeks 09/20 - 10/06.

HCE120 Phlebotomy Practicum \$65 1

Application of phlebotomy techniques in a clinical laboratory setting or health care environment. Prerequisites: HCE109, or permission of Program Director. Corequisites: HCE111, or permission of Program Director.

1,4,8	2441	TBA	TR	TBA	G Hiddessen
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Section 2441 meets 6 weeks 09/19 - 10/28.

1,4,8	2445	TBA	TBA	TBA	G Hiddessen
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Section 2445 meets 6 weeks 09/19 - 10/28.

HCE121 Practicum: Basic Specimen Processing \$38 .5

Application of specimen processing techniques in a clinical laboratory setting or health care environment. Prerequisites: HCE109 or permission of instructor.

1,2,8	2447	TBA	TBA	TBA	G Hiddessen
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Section 2447 meets 6 weeks 09/19 - 10/28.

1,2,8	2449	TBA	TBA	TBA	G Hiddessen
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Section 2449 meets 6 weeks 09/19 - 10/28.

Physical Education

See: Health Enhancement

Physics /Physical Science

Department Chair: Mr. D. Speed
Evening Coordinator: Mr. R. Cups

PHY101 Introduction to Physics \$220 4

A survey of physics emphasizing applications of physics to modern life. Designed for students who need a course in physics in order to understand the physical basis of modern technology. Prerequisites: Grade of "C" or better in MAT091 or MAT092, or satisfactory score on Math Placement exam.

7	4343	E 116	MWF	10:00-10:50A	R Cups
7	7983	E 115	M	7:10-9:50P	C Gaye

PHY101 Laboratory for PHY101 \$3 0

4	4345	E 116	R	8:30-11:20A	W Anderson
4	7985	E 115	W	7:10-9:50P	C Gaye

PHY111 General Physics I \$220 4

Includes motion, energy, and properties of matter. Prerequisites: Trigonometry or department consent. Recommended for preprofessional and suggested for certain other majors.

1,7	4349	E 105	MWF	9:00-9:50A	R Cups
1,7	4351	E 105	MWF	11:00-11:50A	R Cups
1,7	7987	E 115	T	7:10-9:50P	R Cups

PHY111 Laboratory for PHY111 \$3 0

4	4353	E 116	T	8:30-11:20A	W Anderson
4	4355	E 116	W	1:00-3:50P	W Anderson
4	7989	E 115	R	7:10-9:50P	R Cups

PHY112 General Physics II \$220 4

Includes electricity, electromagnetism, and modern physics. Prerequisites: PHY105 or PHY111.

1,7	7995	E 115	T	4:15-7:00P	R Cups
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PHY112 Laboratory for PHY112 \$3 0

4	7997	E 115	R	4:15-7:00P	R Cups
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PHY121 University Physics I: Mechanics \$220 4

Kinematics, Newton's laws, work, energy, momentum, conservation laws, dynamics of particles, solids, fluids, mechanical waves, and sound. Prerequisites: MAT220, or MAT221, or department consent. One year of High School physics or PHY111 and PHY112 suggested but not required.

1,7	4359	E 115	MWF	9:00-9:50A	D Speed
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PHY121 Laboratory for PHY121 \$3 0

4	4361	E 115	T	9:00-11:50A	D Speed
4	4363	E 115	T	1:00-3:50P	D Speed

PHY131 University Physics II: Electricity and Magnetism \$3 0

Electric charge and current, electric and magnetic fields in vacuum and in materials, and induction. AC circuits, displacement current, and electromagnetic waves. Prerequisites: MAT230, or MAT231, or department consent, and PHY121. Corequisites: MAT241 or department consent.

4	8001	E 105	M	7:10-9:50P	A Khare
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PHY131 University Physics II: Electricity and Magnetism \$220 4

Electric charge and current, electric and magnetic fields in vacuum and in materials, and induction. AC circuits, displacement current, and electromagnetic waves. Prerequisites: MAT230, or MAT231, or department consent, and PHY121. Corequisites: MAT241 or department consent.

8003	E 116	W	7:10-9:50P	A Khare
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Subj. Code	Course Title	*\$	Credits
Fnt.	Sect # Bldg/Rm	Days	Time

Political Science

Department Chair: Dr. A. Celozza
Evening Coordinator: Dr. M. Wilson

POS110 American National Government \$165 3

Study of the historical backgrounds, governing principles, and institutions, of the national government of the United States. Prerequisites: None.

4373	E 215	TR	10:00-11:15A	I Genna
8023	A 110	W	7:10-9:50P	Staff

POS115 Issues in American Politics \$165 3

Examination of major issues in current affairs in the fields of politics, economics, social relations, foreign affairs, aesthetics, and others through the reading and viewing of secondary information sources. Prerequisites: ENG101 or ENG107, or equivalent.

8024	OSW202	W	6:00-9:40P	Staff
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Section 8024 meets 12 weeks 09/28 - 12/14.

POS120 World Politics \$165 3

Introduction to the principles and issues relating to the study of international relations. Evaluation of the political, economic, national, and transnational rationale for international interactions. Prerequisites: None.

4375	DB 222	TR	8:30-9:45A	A Celozza
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POS221 Arizona Constitution \$55 1

Examination of the Constitution of the State of Arizona. Equivalent to the second part of POS220. May not enroll in POS220 and POS221 concurrently. Prerequisites: None.

8025	A 110	M	7:10-9:50P	Staff
<i>Section 8025 meets 6 weeks 08/22 - 09/26.</i>				
8027	A 110	S	9:00-1:00P	Staff
<i>Section 8027 meets 4 weeks 08/27 - 09/17.</i>				

POS222 U.S. Constitution \$110 2

Examination of the United States Constitution. Equivalent to the first part of POS220. May not enroll in POS220 and POS222 concurrently. Prerequisites: None.

8029	A 110	M	7:10-9:50P	Staff
<i>Section 8029 meets 10 weeks 10/03 - 12/16.</i>				
8031	A 110	S	9:00-1:00P	Staff
<i>Section 8031 meets 8 weeks 09/24 - 11/12.</i>				

Subj. Code	Course Title	*\$	Credits
Fnt.	Sect # Bldg/Rm	Days	Time

Psychology

Department Chair: Dr. M. Gibney

PSY101 Introduction to Psychology \$170 3

To acquaint the student with basic principles, methods and fields of psychology such as learning, memory, emotion, perception, physiological, developmental, intelligence, social and abnormal. Prerequisites: None.

4	4393	DB 328	MWF	7:00-7:50A	W Riedel
4	4395	DB 221	MWF	8:00-8:50A	W Roe
4	4397	DB 223	MWF	8:00-8:50A	Staff
4	4399	DB 223	MWF	9:00-9:50A	A Marin
4	4401	DB 221	MWF	9:00-9:50A	Staff
4	4403	DB 222	MWF	9:00-9:50A	Schlotterback
4	4405	DB 221	MWF	10:00-10:50A	W Roe
4,6	4407	DB 223	MWF	10:00-10:50A	A Marin

Section 4407 Registration takes place in the Honors Office, DB-317.

4	4409	DB 222	MWF	10:00-10:50A	W Riedel
4	4411	DB 223	MWF	11:00-11:50A	A Marin
4	4413	DB 222	MWF	11:00-11:50A	Staff
4	4415	DB 221	MWF	11:00-11:50A	Staff
4	4417	DB 221	MWF	12:00-12:50P	W Roe
4	4423	DB 223	TR	7:00-8:15A	Staff
4	4425	DB 223	TR	8:30-9:45A	Staff
4	4427	DB 221	TR	10:00-11:15A	W Roe
4	4429	DB 223	TR	10:00-11:15A	A Marin
4,6	4431	DB 222	TR	10:00-11:15A	R Fernie

Section 4431 Registration takes place in the Honors Office, DB-317.

4	4435	DB 222	TR	11:30-12:45P	R Fernie
4	4437	DB 221	TR	1:00-2:15P	W Roe
4	4439	PC WEBCT			M Gibney

Section 4439 PC WEBCT is an online course, see page 122 for complete information.

4	4441	PC WEBCT			M Gibney
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Section 4441 PC WEBCT is an online course, see page 122 for complete information.

4	4443	PC WEBCT			Staff
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Section 4443 meets 13 weeks 09/22 - 12/16. PC WEBCT is an online course, see page 122 for complete information.

4	4445	PC WEBCT			Staff
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Section 4445 meets 12 weeks 09/22 - 12/16. PC WEBCT is an online course, see page 122 for complete information.

4	8051	DB 221	MW	4:00-5:15P	G Emmons
4	8053	DB 223	MW	5:40-6:55P	J Davis
4	8055	DB 223	M	7:10-9:50P	B Lerner
4	8057	DB 222	TR	4:00-6:40P	W Riedel

Section 8057 meets 8 weeks 10/18 - 12/08.

4	8059	DB 328	TR	4:15-5:30P	C Egge
4	8061	DB 328	T	7:10-9:50P	C Egge
4	8063	DB 222	W	7:10-9:50P	D Ratner
4	8065	DB 328	R	7:10-9:50P	J Feldman
4	8067	DB 221	S	9:00-11:45A	Goodfriend

Section 8067 begins Saturday, August 20.

Subj. Code	Course Title	*\$	Credits
Fnt.	Sect # Bldg/Rm	Days	Time

PSY132 Psychology and Culture \$170 3

Presents current knowledge about human diversity in behavior and culture using examples from a variety of contexts and nations. Highlights topics in cross-cultural psychology, such as intergroup relations, ethnocentrism, gender, personality, emotion, language, communication, work and health. Emphasis on applications of behavioral and cognitive principles to enhance interactions in a multicultural world. Prerequisites: None.

4	4449	DB 222	MW	1:00-2:15P	Staff
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PSY201AA Selected Issues in Psychology: Kids and Parents: Strategies for Successful Relationships \$55 1

Help dealing with child and family issues. Including blended families, discipline, and behavior problems.

8071	DB 221	F	6:00-9:30P	W Riedel
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Section 8071 meets 4 weeks 09/30 - 10/21.

PSY210 Educational Psychology \$185 3

Scientific research and psychological principles as they apply to teaching and learning. The role of psychology in educational settings, human diversity, theories of learning, intelligence, memory, creativity, assessment, and factors influencing effective instruction and learning. Prerequisites: PSY101 with a grade of "C" or better or permission of instructor.

4	4453	PC WEBCT			B Schoenwald-Oberbeck
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Section 4453 PC WEBCT is an online course, see page 122 for complete information.

PSY215 Introduction to Sport Psychology \$170 3

Application of the physiological, behavioral, social, cognitive, and humanistic perspectives in psychology to sport. Includes topics such as optimal performance, correlation, motivation, co-action effect, self-actualization, psycho-behavioral techniques, self-efficacy, and the general health benefits of sport participation. Prerequisites: PSY101 with a grade of "C" or better or permission of instructor.

1,4	4455	J 134	MW	11:00-12:15P	B Lerner
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PSY218 Health Psychology \$170 3

Behavioral and mental foundations of health, wellness, illness, and disease, and psychological dimensions of medical intervention. Prerequisites: PSY101 with a grade of "C" or better, or permission of instructor.

1,4	8075	DB 222	M	7:10-9:50P	J Feldman
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Subj. Code	Course Title	*\$	Credits
Fnt.	Sect # Bldg/Rm	Days	Time
			Instructor

PSY230 Introduction to Statistics \$170 3

An introduction to basic concepts in descriptive and inferential statistics, with emphasis upon application to psychology. Consideration given to the methods of data collection, sampling techniques, graphing of data, and the statistical evaluation of data collected through experimentation. Required of psychology majors. Prerequisites: PSY101 with a grade of "C" or better and MAT092 or equivalent, or permission of instructor.

For students enrolling in PSY230 (Introduction to Statistics), enrollment in PSY231 (Laboratory for Statistics) is strongly recommended. Register for the lab that meets on the same day(s) as your lecture section.

1,4	4459 DB 328	MWF	10:00-10:50A	Staff
1,4	4461 DB 328	TR	10:00-11:15A	Schlotterback
1,4	8079 DB 328	MW	5:40-6:55P	B Lerner

PSY231 Laboratory for Statistics \$55 1

Applications of inferential and descriptive statistics to computers in the field of psychology. Prerequisites: None.

1	4465 DB 328	MW	11:00-11:50A	Staff
1	4467 DB 328	TR	11:30-12:20P	Schlotterback
1	8081 DB 328	W	7:10-8:50P	B Lerner

PSY240 Developmental Psychology \$170 3

Human development from conception through adulthood. Includes: physical, cognitive, emotional and social capacities that develop at various ages. Recommended for students majoring in nursing, education, pre-med, and psychology. Prerequisites: PSY101 with a grade of "C" or better or permission of the instructor.

1,4	4471 TBA	MWF	10:00-10:50A	Schlotterback
1,4	4473 PC WEBCT			M Gibney
<i>Section 4473 PC WEBCT is an online course, see page 122 for complete information.</i>				
1,4	8085 DB 223	W	7:10-9:50P	J Feldman

PSY250 Social Psychology \$170 3

The scientific study of how people's thoughts, feelings, and behaviors are influenced by other people and situations. Includes how we think about ourselves and others, persuasion and influence, sexual and romantic attraction, friendship and helping others, aggression and prejudice. Prerequisites: PSY101 with a grade of "C" or better or permission of instructor.

4	4475 DB 223	TR	11:30-12:45P	A Marin
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PSY266 Abnormal Psychology \$170 3

Distinguishes between normal behavior and psychological disorders. Subjects may include stress disorders, problems with anxiety and depression, unusual and abnormal sexual behavior, schizophrenia and addictive behaviors. Causes and treatments of psychological problems and disorders are discussed. Prerequisites: PSY101 with a grade of "C" or better, or permission of instructor.

1,4	4477 DB 328	TR	8:30-9:45A	R Fernie
1,4	8087 DB 222	T	7:10-9:50P	R Goodfriend

PSY277 Psychology of Human Sexuality \$170 3

Survey of psychological aspects of human sexual behavior. Emphasis placed on the integration of the cognitive, emotional, and behavioral factors in sexual functioning. Prerequisites: PSY101 with a grade of "C" or better, or permission of instructor. Student must be 18 years or older.

1,4	4479 DB 328	MWF	9:00-9:50A	W Riedel
1,4	8089 DB 222	R	7:10-9:50P	W Riedel

PSY290AB Research Methods \$225 4

Planning, execution, analysis, and written reporting of psychological research. Surveys the literature, procedures, and instruments in representative areas of psychological research. Prerequisites: ENG101 or ENG107, or equivalent. Prerequisites or Corequisites: PSY230 (or equivalent) with a grade of "C" or better, or permission of instructor.

Note: Students enrolling in PSY290AB section 4481 must also enroll in one of the PSY290AB lab sections listed below.

1,4,7	4481 DB 328	MWF	12:00-12:50P	Staff
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PSY290AB Laboratory for PSY290AB 0

1	4483 DB 328	M	1:00-3:30P	Staff
1	4485 DB 328	W	1:00-3:30P	Staff

Reading

Department Chair: Ms. C. Ortega

ESL Reading**Prep Level:****RDG008 Phonics \$170 3**

Designed for students who are learning English as a second language. Includes the study of the speech sounds used in English as represented by the written symbols of the alphabet; recognition of spelling patterns and resulting pronunciation; and diacritical markings. Prerequisites: Reading placement score (ASSET) or permission of instructor.

1,4	4493 J 102	MWF	10:00-10:50A	Staff
1,4	8143 H 209	MW	5:40-6:55P	Staff

Level I:**RDG010 Reading English as a Second Language I \$170 3**

Designed for students who are learning English as a second language. Provides students with skills needed to become proficient readers in English. Teaches sound symbol relationships of the English alphabet. Expands essential vocabulary for daily communication both in isolation and context. Includes development of reading comprehension skills. Prerequisites: Appropriate ESL placement test score.

1,4	4497 H 202	MWF	9:00-9:50A	Staff
1,4	4499 H 209	TR	10:00-11:15A	Staff
1,4	8145 H 117	MW	7:10-8:25P	Staff
1,4	8147 H 116	TR	7:10-8:25P	Staff

Level II:**RDG020 Reading English as a Second Language II \$170 3**

Designed for students who are learning English as a second language. Includes continued development of vocabulary and reading comprehension skills. Prerequisites: Appropriate ESL placement test score, or grade of "C" or better in RDG010, or permission of instructor.

1,4	4503 J 102	MWF	9:00-9:55A	Staff
1,4	4505 J 102	TR	10:00-11:15A	Staff
1,4	8153 H 116	MW	5:40-6:55P	Staff
1,4	8155 H 117	TR	5:40-6:55P	Staff

Level III:**RDG030 Reading English as a Second Language III \$170 3**

Designed for students who are learning English as a second language. Includes instruction for more advanced vocabulary and reading comprehension skills. Prerequisites: Appropriate ESL placement test score, or grade of "C" or better in RDG020, or permission of instructor.

1,4	4509 H 116	MWF	10:00-10:50A	Staff
1,4	4511 H 117	TR	11:30-12:45P	R Scott
1,4	8159 H 117	MW	5:40-6:55P	Staff
1,4	8161 H 116	TR	5:40-6:55P	Staff

ESL Level IV - Learning Cooperative ESL040, ESL041, and RDG040

It is mandatory that Level IV students register for ESL040, section 2107 and ESL041, section 2113. It is strongly suggested that Level IV students also register for RDG040, section 4517. These sections are taught integrating topics and assignments.

Level IV:**RDG040 Reading English as a Second Language IV \$170 3**

Developed for students of English as a second language. Includes development of advanced vocabulary, comprehension skills, and culture awareness. Prerequisites: Appropriate ESL placement test score, or grade of "C" or better in RDG030, or permission of instructor.

1,4	4513 H 202	MWF	10:00-10:50A	B Frank
1,4,8	4517 H 116	TR	11:30-12:45P	B Frank
1,4	8163 H 116	MW	7:10-8:25P	Staff
1,4	8165 H 117	TR	7:10-8:25P	Staff

RDG014 Advanced Vocabulary for ESL Speakers (Non-native Speakers) \$170 3

Designed to expand and improve reading vocabulary skills. Emphasis on understanding advanced vocabulary in both context and isolation through practice and review. Vocabulary building strategies which will aid in on-going study of words. Emphasis on both learning and using more advanced vocabulary effectively. Prerequisites: RDG010 with grade of "C" or better, or permission of instructor.

1,4,8	4501 H 117	MWF	9:00-9:50A	C Ortega
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Section 4501 is a learning community course, see inside back cover page for complete information.

Subj. Code	Course Title			*\$	Credits
Fnt.	Sect #	Bldg/Rm	Days	Time	Instructor

Medi-Lingo

Learning Community (For ESL Students)

The following sections of HCC130, HCC145AA and RDG014 require that students enroll in the 7 credit "Medi-Lingo Learning Community." For additional information see inside back cover page.

HCC130 Fundamentals in Health Care Delivery

\$165 3

1,3,8 2535 J 134 MWF 8:00-8:50A Staff

HCC145AA Medical Terminology for Health Care Workers I

\$55 1

1,3,8 2573 J 134 MW 10:00-10:50A Staff
Section 2573 meets 8 weeks 08/22 - 10/12.

RDG014 Advanced Vocabulary for ESL Speakers (Non-native Speakers)

\$170 3

1,4,8 4501 H 117 MWF 9:00-9:50A C Ortega

ASSET placement test is required for all reading courses. Students enrolling in RDG091 or CRE101 must have an appropriate ASSET test score or a grade of "C" or better in the preceding course.

RDG081 Reading Improvement

\$170 3

Designed to improve basic reading skills. Includes word recognition, prediction of contents of reading selections, and development of basic vocabulary. Emphasis on identifying main ideas and related details. Reviews following directions and the understanding of graphic materials. Prerequisites: Placement test scores, or permission of instructor.

1,4 4521 H 209 MWF 9:00-9:50A M Prather
1,4 4523 PSB 27 MWF 10:00-10:50A Staff
1,4 4527 H 209 MWF 11:00-11:50A M Prather
1,4 4529 H 117 MW 12:00-1:15P S Lucas
1,4 4531 H 209 MW 3:45-5:25P Staff

Section 4531 meets 12 weeks 09/26 - 12/14.

1,4 4533 H 117 TR 10:00-11:15A S Lucas
1,4 4535 H 202 TR 11:30-12:45P M Prather
1,4 8167 H 105 M 7:10-9:50P Staff
1,4 8169 H 209 T 7:10-9:50P Staff
1,4 8171 H 202 S 9:00-12:00P Staff

Section 8171 begins Saturday, August 20.

RDG091 College Reading Skills I

\$170 3

Designed to improve basic reading and study skills, vocabulary and comprehension skills. Recommended to all students whose placement test scores indicate a need for reading instruction. Prerequisites: Reading placement test score (ASSET), or grade of "C" or better in RDG081, or permission of instructor.

1,4 4539 H 117 MWF 8:00-8:50A C Ortega
1,4 4541 H 209 MWF 8:00-8:50A Staff
1,4 4543 F 206 MWF 9:00-9:50A Staff
1,4 4545 H 209 MWF 10:00-10:50A M Prather
1,4 4547 H 116 MWF 11:00-11:50A C Ortega
1,4 4549 H 202 MWF 11:00-11:50A Staff

RDG091 College Reading Skills I (Cont.)

\$170 3

1,4 4551 H 209 MW 12:00-1:15P Staff
1,4 4553 H 116 MW 3:45-5:25P Staff

Section 4553 meets 12 weeks 09/26 - 12/14.

1,4 4555 H 117 TR 8:30-9:45A R Scott
1,4 4557 H 202 TR 8:05-9:45A Staff

Section 4557 meets 13 weeks 09/20 - 12/15.

1,4 4559 H 202 TR 10:00-11:15AM Prather
1,4 4561 H 209 TR 11:30-12:45P C Ortega

1,4 8173 H 209 M 7:10-9:50P Staff

1,4 8175 H 202 T 7:10-9:50P Staff

1,4 8177 H 209 S 9:00-12:00P Staff

Section 8177 begins Saturday, August 20.

RDG100 College Study Skills

\$170 3

Analysis of learning styles and development of individual learning strategies. Introduction of library research techniques. Emphasis on learning and study techniques applicable to any college course. Prerequisites: Grade of "C" or better in RDG091 or permission of instructor.

1,4 4563 H 202 MW 12:00-1:15P Staff

CRE101 may be required as part of the general education core. Please check the college catalog or consult an advisor.

Internet use required in some sections of CRE101.

CRE101 Critical and Evaluative Reading I

\$170 3

Emphasis on applying critical inquiry skills to varied and challenging reading materials. Includes analysis, synthesis, and evaluation through written discourse. Prerequisites: ENG101 and (reading placement test score of 41 or higher (ASSET), or grade of "C" or better in RDG091, or permission of instructor.)

1,4 1123 H 116 MWF 8:00-8:50A R Scott
1,4 1125 H 116 MWF 9:00-9:50A S Lucas
1,4 1127 H 117 MWF 10:00-10:50A R Scott
1,4 1129 H 117 MWF 11:00-11:50A R Scott
1,4 1131 H 116 MW 12:00-1:15P B Frank
1,4 1133 H 116 TR 8:30-9:45A B Frank
1,4 1135 H 116 TR 10:00-11:15A B Frank
1,4 1136 DB 329 TR 11:30-12:45P Staff

HYBRID

Section 1136 meets is an 8 week late-start course (10/25-12/16). This course will meet in the classroom Tuesday and Thursday at 11:30 a.m. - 12:45p.m. In addition, an internet component using WEBCT is mandatory to satisfy course requirement.

1,4 1137 TBA TR 11:30-12:45P Staff

1,4 1139 PC WEBCT S Lucas

Section 1139 PC WEBCT is an online course, see page 122 for complete information.

1,4 1141 PC WEBCT S Lucas

Section 1141 PC WEBCT is an online course, see page 122 for complete information.

1,4 5943 H 202 M 7:10-9:50P Staff

1,4 5945 H 202 W 7:10-9:50P Staff

1,4 5947 H 202 R 7:10-9:50P Staff

Real Estate

Department Chair:

Mrs. C. Cloud

Program Director:

Ms. G. Korkames

Students pursuing a Business Department certificate or degree program and all Business transfer students are strongly encouraged to seek advisement from a Business Department faculty member. Stop by B330 or call 602-285-7387.

Please be advised that the following course, REA179, cannot be used to satisfy real estate prelicensure education requirements at Phoenix College. (Prelicensure students must complete both REA201 and REA201AA. See below.)

REA179 students, please call the program director, Gail Korkames, at 602-285-7381 for start dates, times and meeting dates before you enroll. The course is scheduled to run the first eight weeks of the fall semester and there several different schedules you can choose from.

REA179 Real Estate Principles I

\$170 3

Basics of real estate principles including introduction to the profession and license law, definition of real property, legal descriptions, rights and interests in property, ownership, contracts, real estate economics, financing and foreclosure, land use, and valuation. Prerequisites: None.

4 8193 TBA TBA TBA Staff

Please be advised that all students seeking to fulfill the State's prelicensure education requirement at Phoenix College must successfully complete both REA201 and REA201AA with a grade of "C" or better and attend ALL scheduled class meetings. Attendance is a state requirement and it cannot be waived. Should you have additional questions, please call the program director, Gail Korkames at 602.285.7381 before you enroll.

REA201 Real Estate

Principles I and II

\$340 6

Comprehensive survey of real estate principles to include careers in real estate, nature and description of real estate, rights and interests in land, forms of real property ownership, forms of business organization, methods of title transfer, title search and insurance, contract law, real estate sales contracts, mortgage and notes payable, deeds of trust, lending practices, loans and consumer rights, sources of financing real estate loans, types of financing instruments, real property taxes and assessments, title closing, escrow and settlement procedures, property management and real estate leases, real estate appraisal, state licensing laws and professional affiliations, real estate brokerage, real estate agency, fair housing and equal credit laws, types of residential real estate, real property insurance, land use control, economics of real estate, and investment considerations. Prerequisites: None. Course Note: This course is intended to satisfy the state of Arizona's requirement for 90 hours of prelicensure education. Students must attend all scheduled class meetings to meet the State's attendance requirement.

4 8198 B 317 MW 4:15-7:00P Staff

4 8199 B 328 TR 5:45-8:30P Staff

4 8204 B 308 TR 7:00-10:00P Staff

Section 8204 meets 14 weeks 09/06 - 12/08.

4 8200 B 328 S 8:30-4:00P Staff

Section 8200 begins Saturday, August 20.

Subj. Code	Course Title	*\$	Credits
Ftnt.	Sect # Bldg/Rm	Days	Time Instructor

REA201AA Real Estate Exam Preparation \$60 1

Complete review of real estate principles in preparation for taking Arizona's real estate license exam. Prerequisites: [Grade of "C" or better and 90 hours of school-verified attendance in (REA179 and REA180) or REA201] or permission of department. Students must complete final exam at 70% in order for the college to issue their precicensure certificate.

1,4	8201 B 317	MW	4:15-7:00	G Korkames
<i>Section 8201 meets 2 weeks 12/12 - 12/21.</i>				
1,4	8205 B 328	TR	5:45-8:30P	G Korkames
<i>Section 8205 meets 2 weeks 12/13 - 12/22.</i>				
1,4	8207 B 328	S	8:30-4:00P	G Korkames
<i>Section 8207 meets 2 weeks 12/10 - 12/17.</i>				

Religious Studies

Department Chair: Dr. A. Celozo
 Evening Coordinator: Dr. M. Wilson

REL203 is also offered as AIS213 (American Indian Religions), see page 52

REL203 American Indian Religions \$165 3
 Tribal traditions of the peoples native to North America, and pan-Indian religions in the twentieth century. Prerequisites: ENG101 or ENG107, or equivalent.

4599	A 110	TR	11:30-12:45P	R Walker
4601	C 204	MWF	10:00-10:50A	R Walker

REL243 World Religions is also offered as HIS243 (see page 93) and PHI243 (see page 112).

REL243 World Religions \$165 3
 The development of various religions from the prehistoric to modern times. Political, economic, social and geographic relationships among world religions. Consideration of both Eastern and Western religions. Prerequisites: None.

4603	C 211	MWF	10:00-10:50A	A Celozo
4605	C 211	MWF	11:00-11:50A	A Celozo
8253	A 105	MW	5:40-6:55P	Staff
8255	A 110	T	7:10-9:50P	D Miehl

World Religions

Students may enroll in any one of the three prefixes, HIS/PHI/REL, listed below depending upon the degree or certificate program.

HIS/PHI/REL 243

World Religions	MWF	10:00-10:50A	A Celozo
World Religions	MWF	11:00-11:50A	A Celozo
World Religions	MW	5:40-6:55P	Staff
World Religions	T	7:10-9:50P	D Miehl

Social Work

Department Chair: Dr. C. Viera
 Evening Coordinator: Ms. S. Leal, C.I.S.W.

Information may be obtained from the Cultural and Applied Social Sciences Department, E113, 602-285-7543.

SWU102 Introduction to Social Work \$165 3

An introduction to the fields within the area of social work through a study of the disciplines of social case work, social group work, and community organization. Opportunities to experience the various techniques of practice within each discipline. Required for students enrolled in the associate degree program of the social work curriculum. Prerequisites: Eligibility for ENG101 and CRE101.

4863	E 109	TR	11:30-12:45P	S Leal
8483	E 109	W	7:10-9:50P	S Leal

SWU282AA Vol Social Work: Service Learning Exp \$55 1

Service-learning field experience within private/public agencies, and citizen volunteer groups. May be repeated for a total of six (6) SWU282 credit hours; may not repeat specific assignment for more than three (3) credit hours. Standard grading available according to procedures outlined in catalog. Prerequisites: Permission of instructor.

3	4869	E 113	TBA TBA	S Leal
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SWU282AB Vol Social Work: Service Learning Exp \$110 2

Service-learning field experience within private/public agencies, and citizen volunteer groups. May be repeated for a total of six (6) SWU282 credit hours; may not repeat specific assignment for more than three (3) credit hours. Standard grading available according to procedures outlined in catalog. Prerequisites: Permission of instructor.

3	4871	E 113	TBA TBA	S Leal
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SWU282AC Vol Social Work: Service Learning Exp \$165 3

Service-learning field experience within private/public agencies, and citizen volunteer groups. May be repeated for a total of six (6) SWU282 credit hours; may not repeat specific assignment for more than three (3) credit hours. Standard grading available according to procedures outlined in catalog. Prerequisites: Permission of instructor.

3	4873	E 113	TBA TBA	S Leal
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SWU292 Effective Helping in a Diverse World \$165 3

Introduction to professional helper communication skills with respect to cross-cultural practice and diversity issues, in a social work setting. Prerequisites: (SOC101 and SWU102) or SWU271 suggested but not required.

4875	E 106	TR	10:00-11:15A	S Leal
8487	C 204	T	7:10-9:50P	S Leal

Society and Business

Department Chair: Mrs. C. Cloud
 Program Director: Ms. M. Anderson

Students pursuing a Business Department certificate or degree program and all Business transfer students are strongly encouraged to seek advisement from a Business Department faculty member. Stop by B330 or call 602-285-7387.

SBU100 Professional Business Ethics \$170 3

Theoretical and practical consideration of past and present ethical issues in business; analyzes the applied ethics of professional and corporate responsibility, government regulation, advertising, the environment, hiring practices, politics and lobbying, product liability, and technology using philosophical and/or religious ethical systems of thought. Encourages critical thinking and value decision making within the perspective of current business contexts and concerns, such as professional organizations, multicultural and global environments, and minority- and women-owned business, in international business and professional communities. Prerequisites: None.

4	4643	B 321	TR	8:30-9:55A	Staff
<i>Section 4643 meets 15 weeks 09/06 - 12/15.</i>					

SBU200 Society and Business \$170 3

The study of issues and demands placed on business enterprise by owners, customers, government, employees and society. Included are social, ethical and public issues and analysis of business responses. Prerequisites: None.

4	4647	B 328	MWF	8:00-8:55A	Staff
<i>Section 4647 meets 15 weeks 09/07 - 12/16.</i>					

4,6	4649	B 306	MWF	9:00-9:50A	C Cloud
<i>Section 4649 Registration takes place in the Honors Office, DB-317.</i>					

4	4651	B 317	TR	10:00-11:15A	D Carnahan
4	8293	B 321	T	7:10-10:00P	Staff
<i>Section 8293 meets 15 weeks 09/06 - 12/13.</i>					

4	8294	B 302	S	9:00-12:00P	Staff
<i>Section 8294 meets 14 weeks 09/10 - 12/16.</i>					

fall course listings

Subj. Code	Course Title	Days	Time	*\$	Credits
Fnt.	Sect #	Bldg/Rm		Instructor	

Sociology

Department Chair: Dr. C. Viera
Evening Coordinator: Dr. C. Viera

Information may be obtained from the Cultural and Applied Social Sciences Department, E113, 602-285-7241.

SOC101 Introduction to Sociology \$180 3

Fundamental concepts of social organization, culture, socialization, social institutions and social change. Prerequisites: None.

PC WEBCT classes are late-start classes. Start date is 08/29/05.

4	4723	PC WEBCT			M Hopkins
					Section 4723 PC WEBCT is an online course, see page 122 for complete information.
4	4725	PC WEBCT			M Hopkins
					Section 4725 PC WEBCT is an online course, see page 122 for complete information.
4	4726	PC WEBCT			M Hopkins
					Section 4726 PC WEBCT is an online course, see page 122 for complete information.
4	4727	PC WEBCT			M Hopkins
					Section 4727 PC WEBCT is an online course, see page 122 for complete information.
4	4728	PC WEBCT			M Hopkins
					Section 4728 PC WEBCT is an online course, see page 122 for complete information.
	4729	E 106	MWF	8:00-8:50A	Staff
	4731	C 201	MWF	9:00-9:50A	S Leal
	4732	E 106	MWF	9:00-9:50A	Staff
	4733	C 201	MWF	10:00-10:50A	S Leal
	4734	C 202	MWF	10:00-10:50A	Staff
	4735	C 201	MWF	11:00-11:50A	S Leal
	4741	C 201	TR	10:00-11:15A	Staff
	4742	OSW204	TR	10:00-11:15A	Staff
	4743	C 204	TR	11:30-12:45P	Staff
	4745	E 109	TR	1:00-2:40P	M Hopkins
					Section 4745 meets 12 weeks 09/06 - 12/01.
	8363	E 112	MW	4:15-5:30P	C Viera
	8365	C 201	M	7:10-9:50P	D Sells
	8367	E 106	TR	5:40-6:55P	Staff
	8369	C 205	T	7:10-9:50P	Staff
	8371	C 204	W	7:10-9:50P	K Smith
	8373	C 201	R	7:10-9:50P	R Gholston

SOC140 Racial & Ethnic Minorities \$165 3

Contemporary racial and ethnic intergroup relations emphasizing cultural origins, developments, and problems of minority groups in the United States. Prerequisites: None.

	4749	E 106	MW	11:00-12:15P	C Viera
	4751	E 106	TR	11:30-12:45P	C Viera
	8374	E 106	TR	4:15-5:30P	Staff
	8375	C 202	T	7:10-9:50P	C Morrison

SOC251 Social Problems \$165 3

A sociological exploration of selected social problems. Emphasis on current concerns. Prerequisites: SOC101.

	8376	C 202	MW	5:40-6:55P	Staff
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Subj. Code	Course Title	Days	Time	*\$	Credits
Fnt.	Sect #	Bldg/Rm		Instructor	

Spanish

Department Chair: Dr. V. Foster
Evening Coordinator: Ms. D. Escalante

SPEEDY SPANISH CONVERSATION

SPA085AA, AB, AC, offers a series of SPEEDY SPANISH CONVERSATION in a stress-free environment. Each course is 4 weeks long.

SPA085AA Speedy Spanish I \$57 1

Basic vocabulary and grammar to develop conversational skills in Spanish. Emphasis on speaking skills. Prerequisites: None.

4	8383	DB 224	MW	5:00-7:00P	Staff
					Section 8383 meets 4 weeks 08/22 - 09/19.
4	8385	B 123	TR	5:00-7:00P	Staff
					Section 8385 meets 4 weeks 08/23 - 09/15.
4	8387	A 204	S	9:00-12:20P	Staff
					Section 8387 meets 4 weeks 08/20 - 09/10.

SPA085AB Speedy Spanish II \$57 1

Intermediate development of vocabulary and grammar to develop conversational skills in Spanish. Emphasis on speaking skills. Prerequisites: SPA085AA.

1,4	8391	DB 224	MW	5:00-7:00P	Staff
					Section 8391 meets 4 weeks 09/21 - 10/17.
1,4	8393	B 123	TR	5:00-7:00P	Staff
					Section 8393 meets 4 weeks 09/20 - 10/13.
1,4	8389	A 204	S	9:00-12:20P	Staff
					Section 8389 meets 4 weeks 09/17 - 10/08.

SPA085AC Speedy Spanish III \$57 1

Advanced development of vocabulary and grammar to develop conversational skills in Spanish. Emphasis on speaking skills. Prerequisites: SPA085AB.

1,4	8395	DB 224	MW	5:00-7:00P	Staff
					Section 8395 meets 4 weeks 10/24 - 11/16.
1,4	8397	B 123	TR	5:00-7:00P	Staff
					Section 8397 meets 4 weeks 10/17 - 11/10.
1,4	8399	A 204	S	9:00-12:20P	Staff
					Section 8399 meets 4 weeks 10/15 - 11/05.

INTENSIVE SPANISH

SPA101 4769 and SPA102 4791 are tailored for those students who want to earn eight credits of foreign language in one semester. According to need, however, you may register for only one or for both courses.

SPA101 Elementary Spanish I \$225 4

4	4769	A 203	MWF	10:00-12:15P	D Escalante
					Section 4769 meets 8 weeks 08/22 - 10/07.

SPA102 Elementary Spanish II \$225 4

1,4	4791	A 203	MWF	10:00-12:15P	D Escalante
					Section 4791 meets 8 weeks 10/10 - 12/02.

Subj. Code	Course Title	Days	Time	*\$	Credits
Fnt.	Sect #	Bldg/Rm		Instructor	

SPA101 Elementary Spanish I \$225 4

Basic grammar, pronunciation and vocabulary of the Spanish language. Includes the study of the Spanish-speaking cultures. Practice of listening, speaking, reading, and writing skills. Prerequisites: None.

4	4763	A 204	MWF	7:45-8:55A	Staff
4	4765	OSW206	MTWR	9:00-9:50A	M Enciso
4	4767	A 204	MWF	10:00-11:10A	J Vazquez
4	4769	A 203	MWF	10:00-12:15P	D Escalante
					Section 4769 meets 8 weeks 08/22 - 10/07.
4	4771	DB 329	MW	12:00-1:40P	M Enciso
4	4775	PSB 27	TR	10:00-11:40A	Staff
4	4777	A 202	TR	11:30-1:10P	M Enciso
4	4779	PC WEBCT			V Foster
					Section 4779 PC WEBCT is an online course, see page 122 for complete information.
4	4781	PC WEBCT			V Foster
					Section 4781 PC WEBCT is an online course, see page 122 for complete information.
4	4783	PC WEBCT			J Nideffer
					Section 4783 meets 10 weeks 10/04 - 12/16. PC WEBCT is an online course, see page 122 for complete information.
4	8401	A 203	MW	5:15-6:55P	Staff
4	8403	C 211	M	6:00-9:20P	Staff

HYBRID

Section 8403 is a hybrid course meeting online and in the classroom on Mondays.

4	8405	A 203	MW	7:10-8:50P	Staff
4	8407	A 203	T	6:00-9:20P	Staff
4	8409	C 211	TR	7:10-8:50P	Staff
4	8411	A 203	S	8:00-12:30P	Staff
					Section 8411 meets 14 weeks 08/27 - 11/26.

SPA102 Elementary Spanish II \$225 4

Continued study of grammar and vocabulary of the Spanish language and study of the Spanish-speaking cultures. Emphasis on speaking, reading, and writing skills. Prerequisites: SPA101 or departmental approval.

1,4	4789	OSW206	MTWR	10:00-10:50A	M Enciso
1,4	4791	A 203	MWF	10:00-12:15P	D Escalante
					Section 4791 meets 8 weeks 10/10 - 12/02.
1,4	4793	C 211	TR	10:00-11:40A	J Vazquez
1,4	4795	PC WEBCT			J Nideffer
					Section 4795 PC WEBCT is an online course, see page 122 for complete information.
1,4	4798	PC WEBCT			J Nideffer
					Section 4798 meets 10 weeks 10/04 - 12/16. PC WEBCT is an online course, see page 122 for complete information.
1,4	8415	E 215	TR	5:15-6:55P	Staff
1,4	8416	B 125	MW	7:10-8:50P	Staff
1,4	8417	OSW203	W	6:00-9:20P	Staff

HYBRID

Section 8417 is a hybrid course meeting online and in the classroom on Wednesdays.

Subj. Code	Course Title	*\$	Credits
Ftnt.	Sect # Bldg/Rm	Days	Time

SPA111 Fundamentals of Spanish \$225 4

Accelerated study of elementary Spanish for students with previous Spanish coursework. Includes basic Spanish grammar, pronunciation, vocabulary and the study of the Spanish-speaking cultures. Emphasis on speaking, listening, reading, and writing skills. Prerequisites: SPA101, or SPA115, or two years of high school Spanish.

SPA111 is a course designed for students who have taken the equivalent of two years of high school Spanish and want to review to fulfill the requirements for SPA101 and SPA102. Upon completion of this course, students are ready to enroll in SPA201.

4	4796 A 110	MWF	7:45-8:55A	Staff
4	4797 PC WEBCT			J Vazquez

Section 4797 PC WEBCT is an online course, see page 122 for complete information.

SPA115 Beginning Spanish Conversation I \$170 3

Conversational Spanish. Basic sentence structure, pronunciation and vocabulary necessary to develop speaking ability in Spanish. Designed for students seeking speaking and listening abilities with little emphasis on grammar. Prerequisites: None.

4	4799 K 101	TR	8:30-9:45A	Staff
4	8421 DB 222	MW	5:15-6:30P	Staff
4	8423 TBA	M	6:05-8:45P	Staff
4	8425 DB 221	TR	5:15-6:30P	Staff
4	8427 DB 225	TR	5:30-8:30P	Staff

Section 8427 meets 8 weeks 10/04 - 11/24.

4	8429 OSW101	T	6:05-8:45P	Staff
4	8431 A 204	W	7:10-9:50P	Staff
4	8433 A 101	S	9:00-12:20P	Staff

Section 8433 meets 12 weeks 08/27 - 11/12.

SPA116 Beginning Spanish Conversation II \$170 3

Continued development of speaking and listening skills for effective communication in Spanish. Prerequisites: SPA115 or departmental approval.

1,4	4801 A 200	TR	11:30-12:45P	Staff
1,4	8443 DB 223	TR	5:15-6:30P	Staff
1,4	8441 C 206	W	6:05-8:45P	Staff

SPA117 Health Care Spanish \$180 3

Basic conversational Spanish for health care workers or students. Emphasis on basic sentence structure, pronunciation and vocabulary used in health care settings. Prerequisites: None.

4	8439 OSW106	T	6:05-8:45P	Staff
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HYBRID

Section 8439 is a hybrid course meeting online and in the classroom on Tuesdays.

SPA201 Intermediate Spanish I \$225 4

Continued study of essential Spanish grammar and Spanish-speaking cultures. Continued practice and development of reading, writing, and speaking skills in Spanish. Emphasis on fluency and accuracy in spoken Spanish. Prerequisites: SPA102 or two years of high school Spanish, or departmental approval.

1,4	4805 A 203	MWF	7:45-8:55A	Staff
1,4	4807 A 204	MWF	11:15-1:30P	T Sandoval

Section 4807 meets 8 weeks 08/22 - 10/07.

SPA201 Intermediate Spanish I (Cont.) \$225 4

1,4	4809 A 204	TR	11:00-12:40P	D Escalante
1,4	4811 PC WEBCT			J Vazquez

Section 4811 PC WEBCT is an online course, see page 122 for complete information.

1,4	4813 PC WEBCT			Staff
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Section 4813 meets 10 weeks 10/04 - 12/16. PC WEBCT is an online course, see page 122 for complete information.

1,4	8447 A 204	MW	5:15-6:55P	Staff
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SPA202 Intermediate Spanish II \$225 4

Review of grammar, continued development of Spanish language skills with continued study of the Spanish-speaking cultures. Prerequisites: SPA201 or departmental approval.

1,4	4817 A 204	MWF	11:15-1:30P	T Sandoval
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Section 4817 meets 8 weeks 10/10 - 12/16.

1,4	4819 PC WEBCT			J Vazquez
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Section 4819 PC WEBCT is an online course, see page 122 for complete information.

1,4	4820 PC WEBCT			J Vazquez
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Section 4820 meets 10 weeks 10/04 - 12/16. PC WEBCT is an online course, see page 122 for complete information.

1,4	8451 A 110	TR	5:15-6:55P	Staff
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SPA203 Spanish for Spanish-Speaking Students I \$225 4

Designed for Spanish-speaking students. Emphasis on written composition, grammar review, punctuation and spelling, literature and conversation. May be taken in lieu of SPA201. Prerequisites: Permission of instructor or Department Chair.

4	4821 OSW206	TR	11:00-12:40P	T Sandoval
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SPA217 Spanish for Business Communication \$225 4

General business terminology, situations and correspondence in Spanish, including sections on cultural differences that can affect business transactions. Various specific business situations in Latin America and Spain contrasted with similar situations in the USA. Prerequisites: GBS151 and (SPA201 or permission of instructor).

1,4	8452 OSW105	R	6:00-9:20P	Staff
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SPA225 Intermediate Spanish Conversation I \$170 3

Continued development of skills in conversational Spanish. A review of the major grammatical and pronunciation problems. Prerequisites: SPA116, or SPA102 or departmental approval.

1,4	8453 OSW106	R	6:10-8:50P	Staff
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SPA235 Advanced Spanish Conversation I \$180 3

Continued development of skills in conversational fluency. Class conducted completely in Spanish. Prerequisites: SPA226, or equivalent, or departmental approval.

1,4	8457 OSW203	T	6:10-8:50P	Staff
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HYBRID

Section 8457 is a hybrid course meeting online and in the classroom on Tuesdays.

Subj. Code	Course Title	*\$	Credits
Ftnt.	Sect # Bldg/Rm	Days	Time

SPA265 Advanced Spanish I \$170 3

Introduction and study of Spanish and Spanish-American literature. Selected readings from most Spanish-speaking countries. All discussions, oral reports, and written assignments are in Spanish. Prerequisites: SPA202 or departmental approval.

4	4825 A 203	TR	8:30-9:45A	D Escalante
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SPA282AA Vol Spanish: Service Learning Exp \$55 1

Service-learning field experience within private/public agencies, and citizen volunteer groups. May be repeated for a total of four (4) SPA282 credit hours. Standard grading available according to procedures outlined in catalog. Prerequisites: Permission of instructor.

4827	TBA	TBA	TBA	V Foster
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SPA282AB Vol Spanish: Service Learning Exp \$110 2

Service-learning field experience within private/public agencies, and citizen volunteer groups. May be repeated for a total of four (4) SPA282 credit hours. Standard grading available according to procedures outlined in catalog. Prerequisites: Permission of instructor.

4829	TBA	TBA	TBA	V Foster
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SPA282AC Vol Spanish: Service Learning Exp \$165 3

Service-learning field experience within private/public agencies, and citizen volunteer groups. May be repeated for a total of four (4) SPA282 credit hours. Standard grading available according to procedures outlined in catalog. Prerequisites: Permission of instructor.

4831	TBA	TBA	TBA	V Foster
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COMMUNITY BILINGUAL SPANISH COURSES

Students must be functionally bilingual in English and Spanish to register for the following courses.

SPA117 Health Care Spanish \$180 3

4	8439 OSW106	T	6:05-8:45P	Staff
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SPA203 Spanish for Spanish-Speaking Students I \$225 4

4	4821 OSW206	TR	11:00-12:40P	T Sandoval
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SPA217 Spanish for Business Communication \$225 4

1,4	8452 OSW105	R	6:00-9:20P	Staff
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SPANISH WEEKEND COLLEGE**SPA101 Elementary Spanish I \$225 4**

4	8411 A 203	S	8:00-12:30P	Staff
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Section 8411 meets 14 weeks 08/27 - 11/26.

SPA115 Beginning Spanish Conversation I \$170 3

4	8433 A 101	S	9:00-12:20P	Staff
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Section 8433 meets 12 weeks 08/27 - 11/12.

Subj. Code	Course Title	*\$	Credits
Fnt.	Sect # Bldg/Rm	Days	Time

Spanish Humanities

Department Chair: Dr. V. Foster
Evening Coordinator: Ms. D. Escalante

SPH151 Latin American Literature in Translation \$180 3

Continuation of SPH150. Other representative works of Latin American literature from the modernist movement to the present covered in English translation. Knowledge of Spanish not required. Prerequisites: None.

1,4	4847	PC WEBCT	Staff
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Section 4847 PC WEBCT is an online course, see page 122 for complete information.

SPH245 Hispanic Heritage in the Southwest \$165 3

A survey of Hispanic heritage in the Southwest. Cultural and social institutions and their contribution to the development of the region and its heritage. Prerequisites: None.

4	4849	DB 221 TR	11:30-12:45P	Staff
4	4851	PC WEBCT	Staff	

Section 4851 PC WEBCT is an online course, see page 122 for complete information.

4	4852	PC WEBCT	Staff
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Section 4852 PC WEBCT is an online course, see page 122 for complete information.

Storytelling

Department Chair: Ms. E. O'Brien

STO292 The Art of Storytelling is also offered as EDU292 (see page 72) and HUM292 (see page 95).

STO292 The Art of Storytelling \$165 3

Explore the art and origin of storytelling. Provide a variety of storytelling techniques, styles and exercises to enhance the delivery of telling stories. Assist in the integration and application of storytelling to the learning environment in the classroom. Prerequisites: None.

4900	H 105	TR	10:00-11:15A	C Bolton
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Telecommunications

Department Chair: Ms. E. O'Brien

For additional Multi-Media course offerings, see pages 56-57.

TCM100 Digital Multi Media \$165 3

Introduction to the major components of a multi media project. Prerequisites: None.

3493	F 209	TR	9:00-11:45A	Staff
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Subj. Code	Course Title	*\$	Credits
Fnt.	Sect # Bldg/Rm	Days	Time

Textiles and Clothing Fashion Design

Department Chair: Mrs. S. Phillips

TEC105 Clothing Selection \$165 3

Psychological, aesthetic, and economic factors applied to the selection of clothing in relation to personality and figure type. Prerequisites: None.

4	4881	DB 137 MW	9:30-10:45A	S Lutz
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TEC106 History of Fashion \$165 3

Consideration of historic factors influencing fashion and fashion change with special emphasis on historic costume. Prerequisites: None.

8533	DB 137 T	6:05-8:45P	D Sewell
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TEC110 Basic Sewing Skills \$175 3

Basic clothing construction techniques. Use of commercial patterns and sewing machine in the construction of basic garments. Prerequisites: None.

4	4883	DB 137 MW	11:00-12:40P	S Phillips
4	8539	DB 137 R	5:30-8:50P	G Mihaleva

TEC111 Clothing Construction \$175 3

Construction of garments applying basic construction principles and techniques using patterns suitable for the individuals and their capabilities. Prerequisites: None. Course Note: If student has no previous sewing experience, TEC110 Basic Sewing Skills should be taken prior to and not during this course. May be repeated for a total of 12 credit hours with permission of instructor.

4	4885	DB 137 MW	11:00-1:05P	S Phillips
4	8543	DB 137 R	5:30-9:40P	G Mihaleva

TEC114 Textiles: Block Printing/Silk Screening \$60 1

Skills and techniques in creating decorative textiles for the home and apparel; block printing and silk screening. Prerequisites: None. Course Note: May be repeated for a total of three (3) credits.

4	8537	F 206 S	1:00-4:30P	G Mihaleva
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Section 8537 meets 8 weeks 09/10 - 10/29.

TEC116 Textiles: Stitchery and Embellishment \$60 1

Materials and techniques used for stitchery and embellishment on textiles. Includes color schemes and design development. Prerequisites: None. May be repeated for a total of three (3) credits.

4	4886	DB 137 F	11:00-2:45P	L Taylor
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Section 4886 meets 6 weeks 09/23 - 10/28.

Subj. Code	Course Title	*\$	Credits
Fnt.	Sect # Bldg/Rm	Days	Time

TEC120 Intermediate Clothing Construction \$120 2

Application of intermediate clothing and fitting techniques. Emphasis on improving basic construction skills. Prerequisites: TEC111 or permission of instructor. May be repeated for a total of 8 credit hours with permission of instructor.

4,1	8541	DB 137 W	5:30-8:50P	L Taylor
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TEC124 Advanced Clothing Construction \$175 3

Advanced garment construction techniques, pattern alteration and fit and techniques used on specialty fabrics. Prerequisites: TEC111 or permission of instructor. Course Note: May be repeated for a total of 12 credit hours with permission of instructor.

1,4	4887	DB 137 TR	10:00-12:05P	S Phillips
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TEC125 Fashion Design \$170 3

Practical techniques of fashion sketching, pattern drafting and draping. Design apparel. Prerequisites: None.

4	8547	DB 137 M	6:05-8:45P	J Roberts
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TEC127 Computer-Assisted Fashion Design \$165 3

The use of computer hardware and software in the fashion design industry. Create and illustrate fashion designs using computer hardware and software. Color and design principles applied in the creating an apparel line and developing a portfolio. Prerequisites: TEC125

1	4888	DB 136 MW	1:30-4:10P	J Henzler
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Section 4888 meets 6 weeks 09/12 - 10/17.

TEC134 Fashion Illustration I \$170 3

Proportions and techniques used in drawing fashion figures and clothing. Introduction of media and illustrative styles for portfolio design, trade sketches, and fashion advertisements. Prerequisites: None.

4	8549	DB 137 S	8:30-12:40P	PC Brandom
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Section 8549 begins Saturday, August 20.

TEC135 Fashion Illustration II \$175 3

Advanced study of proportion and techniques used in drawing fashion figures and flats. Continued study of garments, fabric textures and patterns. Development of skills in presentation drawing and commencing fashion design portfolio illustrations. Prerequisites: TEC134, or permission of instructor.

1,4	8551	F 106 M	5:30-9:40P	G Mihaleva
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TEC136 Fashion Illustration III \$175 3

In depth study of illustrative styles, silhouettes, and interpretations. Advanced work with fabric textures and patterns; concentration on garment details. Continued development of a fashion design portfolio. Prerequisites: TEC135, or permission of instructor.

1,4	8553	F 106 M	5:30-9:40P	G Mihaleva
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TEC222 Textiles \$170 3

Study of textile fibers and fabrics, their properties, identification, selection, use and care. Prerequisites: None.

4	4889	DB 137 TR	8:30-9:45A	S Phillips
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Subj. Code	Course Title	*\$	Credits	
Fnt.	Sect # Bldg/Rm	Days	Time	Instructor

TEC223 Tailoring \$175 3

Principles of tailoring as applied in the construction of a coat or suit. Alteration of patterns and fitting techniques. Prerequisites: TEC111 or permission of instructor. Course Note: May be repeated for a total of 12 credit hours with permission of instructor.

1,4	4891 DB 137	TR	10:00-12:05P	S Phillips
1,4	8555 DB 137	W	5:30-9:40P	L Taylor

TEC225 Pattern Design I \$175 3

Creative expression through flat pattern in applying principles of art to clothing design. Various resources for design inspiration. Prerequisites: TEC110 or TEC111 or permission of instructor.

4	8557 DB 137	S	1:10-5:20P	C Brandom
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Section 8557 begins Saturday, August 20.

TEC227 Couture Sewing \$175 3

Construction techniques used in couture sewing. Includes fabric selection, fitting, fabric preparation, hand sewing, garment shaping, edge finishes, embellishments, and closures. Emphasis on couture techniques used in the construction of skirts, pants, blouses, dresses, sleeves, pockets, jackets, coats, and evening wear. Prerequisites: TEC111 or permission of instructor. Course Note: May be repeated for a total of 12 credit hours with permission of instructor.

1,4	8559 DB 137	W	5:30-9:45P	L Taylor
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TEC236 Portfolio Development \$55 1

Design, produce, and present a professional portfolio. Includes material selection and techniques, customer focus, contents and organization, presentation formats, flat sketching techniques, presentation boards, and writing a resume and cover letter for potential employers. Prerequisites: TEC127, TEC135, or permission of instructor.

	8561 TBA	W	5:30-9:15P	G Mihaleva
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Section 8561 meets 6 weeks 10/05 - 11/19.

TEC271AA Fashion Design Internship \$55 1

Work experience in fashion design business or industry. Five hours of work weekly. Supervision and evaluation by an internship coordinator. May be repeated for a total of three (3) credits. Prerequisites: Departmental approval.

1	4893 TBA	TBA	TBA	S Phillips
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TEC271AB Fashion Design Internship \$110 2

Work experience in fashion design business or industry. Ten hours of work weekly. Supervision and evaluation by an internship coordinator. Prerequisites: Departmental approval.

1	4895 TBA	TBA	TBA	S Phillips
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TEC271AC Fashion Design Internship \$165 3

Work experience in fashion design business or industry. Fifteen hours of work weekly. Supervision and evaluation by an internship coordinator. Prerequisites: Departmental approval.

1	4897 TBA	TBA	TBA	S Phillips
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Subj. Code	Course Title	*\$	Credits	
Fnt.	Sect # Bldg/Rm	Days	Time	Instructor

Theatre Arts/Drama

Department Chair: Ms. E. O'Brien

THE111 Introduction to Theatre \$165 3

A survey of theatre, including basic elements and principles of production, styles, and/or historical perspectives of theatre, dramatic literature, and criticism. Prerequisites: None.

4901	T 101	MWF	10:00-10:50A	G Eroo
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THE118 Playwriting \$165 3

Practice and study of theories and techniques of writing for the stage; creating characters, dialogue, and plot for monodramas, scenes, and plays. Prerequisites: None.

8571	H 112	S	10:00-1:20P	B Kuhn
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Section 8571 begins Saturday, August 20.

THE205 Introduction to Cinema \$165 3

Survey of the history and development of the art of motion pictures, including criticism of aesthetic and technical elements. Prerequisites: None.

4905	T 101	MWF	9:00-9:50A	Staff
4907	T 101	TR	8:30-9:45A	Staff
4909	T 101	TR	10:00-11:15A	Staff
4911	T 101	TR	11:30-12:45P	G Burgess
8573	T 101	S	9:00-2:00P	V Tennyson

Section 8573 meets 8 weeks 10/01 - 11/19.

THE210 Contemporary Cinema \$165 3

A study of contemporary films, directors and critics with emphasis on evaluating film as an art form. Prerequisites: None.

4913	T 101	T	1:30-4:00P	Staff
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Students enrolling in THP112 must also put in 1 hour lab time each week.

THP112 Acting I \$170 3

Fundamental techniques and terminology of acting through physical and vocal expression, improvisation, and monologue and scene work. Emphasis on characterization. Prerequisites: None.

4	4921	T 101	MW	11:00-12:50P	G Burgess
4	4923	T 101	MW	1:00-2:50P	G Burgess

THP201AB Theatre Production II \$110 2

Designed to give college credit to the cast and technical production crews of college theatre productions. May be repeated for up to a maximum of four (4) credits. Prerequisites: None.

4927	T STAGE	T	2:30-4:30P	G Eroo
4929	T STAGE	W	2:30-4:30P	Staff
4931	T 101	R	1:00-3:00P	G Burgess

THP217 Introduction to Design Scenography \$165 3

The role of the theatre designer in creating scenic, lighting, costume, sound, and multimedia effects for stage productions. Elements of the design process and communication of dramatic themes and visions to the audience. Prerequisites: THP 213 or permission of instructor

4925	E 201	TR	10:00-12:30P	G Eroo
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Subj. Code	Course Title	*\$	Credits	
Fnt.	Sect # Bldg/Rm	Days	Time	Instructor

Therapeutic Massage

Department Chair: Ms. L. Ligon
Program Director: Ms. D. Geddis

All students must see the Program Director prior to registration. Completion of the 750 hour program will prepare a student for licensure in the state of Arizona. Please see the catalog for more details. Call 602-285-7649.

Orientations will be held from 5:30 p.m. - 6:30 p.m., in the Health Enhancement. Conference Room: March 9, April 13, May 11, June 8, August 10, September 14, October 12, November 9, and December 14.

WED151 Introduction to Alternative Medicine \$165 3

Definition of health; exploration of mind-body-spirit connection in health; various therapeutic modalities; identification of strengths and limitations of alternative therapies. Also includes development of ability to critically review written material in the alternative therapy area. Prerequisites: None.

4943	OSW205	M	9:30-12:00P	MacLeish-Jensen
8625	PSB 26	W	5:30-8:10P	MacLeish-Jensen

WED156 Humor and Play \$55 1

Physiological, psychological, emotional, and intellectual effects of humor and play; suggestions for planning periods of play and incorporating it into one's life. Prerequisites: None.

4945	OSW205	T	12:20-2:00P	Zimmerman
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Section 4945 meets 8 weeks 10/18 - 12/06.

WED162 Meditation and Wellness \$55 1

Physiology of meditation and its effects on physical and mental health; scholastic abilities and interpersonal relationships; differentiation between meditation and other relaxation techniques. Prerequisites: None.

4947	OSW205	R	3:00-4:40P	R Anderson
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Section 4947 meets 8 weeks 10/20 - 12/15.

WED165 Overview of Massage Therapy \$110 2

History of massage; overview of bodywork systems; benefits and indications of massage; legal requirements for practice in Arizona. Prerequisites: None.

4949	OSW205	F	8:00-10:30A	D Connor
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Section 4949 meets 10 weeks 08/26 - 10/28.

8627	OSW205	M	5:30-8:10P	Staff
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Section 8627 meets 10 weeks 10/03 - 12/05.

WED170 Principles of Homeopathy \$55 1

Origins of homeopathy; key concepts; perceptions of disease; schools of homeopathy; scientific studies; preparation of remedies; case taking. Prerequisites: None.

8629	PSB 26	S	9:00-1:30P	E Udell
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Section 8629 meets 3 weeks 10/15 - 10/29.

Subj. Code	Course Title		*\$	Credits	
Fnt.	Sec #	Bldg/Rm	Days	Time	Instructor

WED172 Overview of Herbal Remedies \$75 1

History and evolution of herbs for healing applications. Preparation, usage, and effects of certain herbs used for healing purposes. Basic literature review skills in the area of herbal medicine. Prerequisites: None.

4	8631	DB 222	R	5:00-6:40P	S Fowler
Section 8631 meets 8 weeks 08/25 - 10/13.					

WED176 Flower Essences \$79 1

Healing properties of Bach flower remedies; Bach's development of remedies and his philosophy of healing; use and preparation of a variety of flower essences. Prerequisites: None.

4	8633	H 105	R	5:00-6:40P	L Crider
Section 8633 meets 7 weeks 10/20 - 12/15.					

WED215 Self-Care for Health Care Providers \$135 2

Emphasis on mind-body methods for personal wellness through integration of physical, emotional, social, and spiritual dimensions of being. Development of a personal practice to achieve and sustain a balanced lifestyle to support personal health and well being. Prerequisites: None.

4	4951	OSW205	T	9:30-12:00P	L Ligon
Section 4951 meets 10 weeks 08/23 - 10/25.					

4	8635	OSW205	T	4:00-6:30P	L Ligon
Section 8635 meets 10 weeks 10/04 - 12/06.					

WED218 Aromatherapy \$80 1

Physiology of aromatherapy; methods of use; preparation of oils; uses in sports, beauty care, massage, child care, health care, at work, and in the home. Prerequisites: None.

4	8637	OSW107	S	9:00-1:30P	K McLaren
Section 8637 meets 3 weeks 09/24 - 10/08.					

WED230 Therapeutic Massage Practices I \$370 6

Principles of professionalism, ethics, and legalities. Includes use of terminology related to massage therapy. Applications, indications, and contraindications of the nine strokes of Swedish massage. Study of the human osseous and muscular structure. Emphasis on normal movement patterns, origins, insertions, and functions of the muscular system. Prerequisites: (BIO160 and WED165) or permission of Program Director.

1,3,4	4953	OSW107	MTWR	3:00-7:00P	D Geddis
Section 4953 meets 8 weeks 08/22 - 10/13.					

WED231 Therapeutic Massage Practices II \$370 6

Refined application of the nine strokes of Swedish massage and contraindications to avoid. Application of advanced principles and techniques of trigger point therapy, muscle energy technique, stretching, hydrotherapy protocols, hot and cold applications, reflexology, and corporate massage. Study of the human osseous and muscular structure. Emphasis on normal movement patterns and the origin, insertion, and function of the muscular system. Prerequisites: WED230.

1,3,4	4957	OSW107	MTWR	3:00-7:00P	D Geddis
Section 4957 meets 8 weeks 10/17 - 12/15.					

Subj. Code	Course Title		*\$	Credits	
Fnt.	Sec #	Bldg/Rm	Days	Time	Instructor

WED250 Clinical Practicum \$205 3

Application of fundamental massage techniques. Prerequisites: WED231. Corequisites: WED232, and permission of Program Director.

1,2,4	4961	OSW107	MWR	8:00-12:00P	Staff
Section 4961 meets 5 weeks 08/29 - 09/29.					

WED262 Acupressure/Shiatsu I \$135 2

Overview of the principles of Traditional Chinese Medicine and the Meridian System; history, purpose, benefits, indications, and contraindications of Acupressure/Shiatsu. Therapeutic techniques and applications of Acupressure/Shiatsu; pre and post evaluations of intervention procedures. Prerequisites: WED250, and permission of instructor.

4	4963	OSW107	T	8:00-12:00P	P Guzelf
Section 4963 meets 10 weeks 10/04 - 12/06.					

WED297AA Special Topics: Therapeutic Massage: National Certification Exam Prep \$65 1

Explores a special topic related to therapeutic massage. Topics vary and include concepts relevant to those pursuing careers in therapeutic massage. Prerequisites: None.

	8639	GCONF	U	12:00-4:00P	D Connor
Section 8639 meets 3 weeks 10/09 - 10/23.					

WED297AC Special Topics: Therapeutic Massage: Traditional Chinese Medicine I \$165 3

Explores a special topic related to therapeutic massage. Topics vary and include concepts relevant to those pursuing careers in therapeutic massage. Prerequisites: None.

	4965	OSW107	F	8:00-12:00P	L Becker
Section 4965 meets 10 weeks 09/30 - 12/09.					

Welding

Department Chair: Dr. J. Mireles
www.phoenixcollege.edu/departments/dit

All Welding classes, except WLD150 are held at the Maricopa Skills Center, 1245 East Buckeye Road, in Phoenix.

WLD101 Welding I \$215 3

Principles and techniques of electric arc and oxyacetylene welding and cutting. Provides technical theory and basic skill training in these welding processes. Prerequisites: None.

1,4	8653	MARSK CTR	S	8:00-1:20P	A Gaiser
Section 8653 begins Saturday, August 20.					

WLD106 Arc Welding \$325 5

Electric welding with emphasis on metallic arc welding in out-of-position practice and procedures. Prerequisites: None.

4	8655	MARSK CTR	S	8:00-3:00P	A Gaiser
Section 8655 begins Saturday, August 20.					

Subj. Code	Course Title		*\$	Credits	
Fnt.	Sec #	Bldg/Rm	Days	Time	Instructor

WLD150 Welding Blueprint Reading \$190 3

Analysis and interpretation of technical drawings common to the metal fabrication and construction trades. Welding blueprint symbols. Prerequisites: None.

4	8657	E 201	W	7:10-9:40P	C Fuller
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WLD201 Welding II \$215 3

Further study of electric arc and oxyacetylene welding with emphasis on GTAW (heliarc) and GMAW (mig) processes to weld both ferrous and nonferrous metal. Prerequisites: WLD101.

1,4	8659	MARSK CTR	S	8:00-1:20P	A Gaiser
Section 8659 begins Saturday, August 20.					

WLD206 Advanced Welding - Heliarc and Wire Feed \$325 5

Instruction in theory and practice on tungsten inert gas and wire feed welding. Welding procedures on ferrous and nonferrous metals. Set up and operation of all types of machines used in tig and mig welding. Prerequisites: WLD106 or departmental permission.

1,4	8661	MARSK CTR	S	8:00-3:00P	A Gaiser
Section 8661 begins Saturday, August 20.					

WLD208 Advanced Arc Welding - Certification \$325 5

Advanced metallic arc welding emphasizing out-of-position welding in preparation for certification. Includes various test methods. Provides training on machine flame cutting and gouging and arc air cutting and gouging. Prerequisites: WLD106 or permission of instructor.

1,4	8663	MARSK CTR	S	8:00-3:00P	A Gaiser
Section 8663 begins Saturday, August 20.					

Women's Studies

Department Chair: Dr. C. Viera
Evening Coordinator: Dr. C. Viera

Information may be obtained from the Cultural and Applied Social Sciences Department, E113, 602-285-7241.

WST100 Women and Society \$165 3

Introduction to critical issues in women's studies. Prerequisites: None.

	4981	E 106	MWF	10:00-10:50A	C Viera
	8673	C 202	W	7:10-9:50P	P Davis

WST160 Women and the Early American Experience \$165 3

Introduction to American women's history, from the colonial period to suffrage in 1920, based on a feminist perspective. Prerequisites: None.

	4982	E 106	TR	8:30-9:45A	Staff
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WST161 American Women Since 1920 \$165 3

Continuation of the history of women in America from 1920 to the present, based on a feminist perspective. Includes discussion of the roles and status of immigrant and ethnic minority women. Prerequisites: None.

	8675	E 213	T	7:10-9:50P	Staff
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HIGHLIGHTED section lines denote a course offered in the evening or weekend.

HYBRID and ONLINE CLASSES

Phoenix College offers the following courses using WebCT as the course management system for both online and hybrid courses.

Phoenix College WebCT Course Information

TAKING A COURSE THAT USES WEBCT

Check your schedule for the start date of your online or hybrid courses.
*Please Note: These are not open entry open exit courses.

For information on the following items go to the WebCT Orientation Page
www.pc.maricopa.edu/departments/ltd/orientation.htm

- Is online learning for you?
- System requirements
- Browser configuration
- Login instructions
- Username and password
- WebCT support hotline
- AOL users
- Student resources
- Online tutoring

COURSE DEFINITIONS

Online (\$5 fee/credit hour)

Class content is delivered entirely online. Students should have independent access to the internet.

Hybrid Courses (\$10 fee/course)

Hybrids are courses that combine the flexibility of online learning with the in-class meetings of a traditional classroom environment. Class time is divided (usually 50/50) between classroom and online work, giving students the convenience of taking a course with a reduced on-campus time commitment.

Hybrid courses are ideal for the working or busy student who has some knowledge of the internet but still desires the face-to-face instructor interaction provided by a traditional classroom setting.

Subj. Code Fnt.	Course Title Sect # Bldg/Rm	Days	Time	*\$ Credits Instructor	Subj. Code Fnt.	Course Title Sect # Bldg/Rm	Days	Time	*\$ Credits Instructor	Subj. Code Fnt.	Course Title Sect # Bldg/Rm	Days	Time	*\$ Credits Instructor
American Sign Language/Interpreting														
SLG204	Comparative Linguistics: ASL/English			\$190 3	BIO201	Human Anatomy and Physiology I			\$240 4	EMT201	Interactive Basic EMT Refresher			\$80 1
1,4	4701 PC WEBCT			T Riggs	1,4,7	0497 PC WEBCT			J Arle	1,4	6251 PSB 15 SU		9:00-5:30P	D Sanchez
SLG205	Introduction to Interpreting			\$175 3	BIO201	Laboratory for BIO201			\$50 0	HYBRID				
1,4	4705 H 119 TR		12:40-1:55P	Staff	1,4	0509 PC WEBCT			J Arle	<i>Section 6251 meets 7 weeks 08/31 - 10/09, students will be required to attend class on 10/08 and 10/09.</i>				
1,4	8342 H 113 M		7:10-9:40P	Staff	1,4	0511 PC WEBCT			J Arle	1,4	6253 PSB 15 SU		9:00-5:30P	D Sanchez
					BIO202	Human Anatomy and Physiology II			\$240 4	HYBRID				
					1,4,7	0515 PC WEBCT			J Arle	<i>Section 6253 meets 7 weeks 09/30 - 11/09, students will be required to attend class on 11/08 and 11/09.</i>				
					BIO202	Laboratory for BIO202			\$50 0	HYBRID				
					1,4	0521 PC WEBCT			J Arle	<i>Section 6255 meets 7 weeks 10/31 - 12/11, students will be required to attend class on 12/10 and 12/11.</i>				
Art Humanities														
ARH100	Introduction to Art			\$180 3	Business & Personal Computers									
4	0245 PC WEBCT			S Chenoweth	BPC114AE	Excel: Level I			\$60 1	English				
Art - Media Arts														
ART100	Introduction to Computer Graphic Art			\$60 1	4	0691 PC WEBCT			S Tolino	ENG101	First-Year Composition			\$180 3
4	0265 PC WEBCT			Staff	<i>Section 0691 meets 5 weeks 08/22 - 09/23.</i>					1,4	1733 PC WEBCT			J Haberman
Biology														
BIO156	Introductory Biology for Allied Health			\$250 4	BPC114BE	Excel: Level II			\$60 1	<i>Section 1733 is an online course, students should sign on and contact the instructor as soon as they are registered.</i>				
4,7	0431 PC WEBCT			C Becton	1,4	0695 PC WEBCT			S Tolino	1,4	1735 PC WEBCT			M Etchart
4,7	0433 PC WEBCT			C Becton	<i>Section 0695 meets 5 weeks 09/26 - 10/28.</i>					<i>Section 1735 is an online course, students should sign on and contact the instructor as soon as they are registered.</i>				
BIO156	Laboratory for BIO156			\$15 0	BPC114CE	Excel: Level III			\$60 1	1,4	1737 PC WEBCT			Staff
4	0441 PC WEBCT			C Becton	1,4	0699 PC WEBCT			S Tolino	<i>Section 1737 is an online course, students should sign on and contact the instructor as soon as they are registered.</i>				
4	0443 PC WEBCT			C Becton	<i>Section 0699 meets 5 weeks 10/31 - 12/06.</i>					1,4	1739 PC WEBCT			Staff
Economics														
ECN111	Macroeconomic Principles			\$180 3	Emergency Medical Technology									
4	1378 PC WEBCT			S Thorpe	EMT201 Interactive Basic EMT Refresher									
ECN112	Microeconomic Principles			\$180 3	HYBRID									
4	1387 PC WEBCT			S Thorpe	<i>Section 6251 meets 7 weeks 08/31 - 10/09, students will be required to attend class on 10/08 and 10/09.</i>									
Highlighted section lines denote a course offered in the evening or weekend.														

HYBRID and ONLINE CLASSES

Phoenix College offers the following courses using WebCT as the course management system for both online and hybrid courses.

Subj. Code	Course Title	*\$	Credits	Subj. Code	Course Title	*\$	Credits	Subj. Code	Course Title	*\$	Credits
Fnt.	Sec #	Bldg/Rm	Days	Time	Instructor	Fnt.	Sec #	Bldg/Rm	Days	Time	Instructor
ENG102	First-Year Composition	\$180	3								
1,4	1781	PC WEBCT			J Haberman						
					<i>Section 1781 is an online course, students should sign on and contact the instructor as soon as they are registered.</i>						
1,4	1783	PC WEBCT			Staff						
					<i>Section 1783 is an online course, students should sign on and contact the instructor as soon as they are registered.</i>						
1,4	1785	PC WEBCT			Staff						
					<i>Section 1785 is an online course, students should sign on and contact the instructor as soon as they are registered.</i>						
1,4	1787	PC WEBCT			Staff						
					<i>Section 1787 is an online course, students should sign on and contact the instructor as soon as they are registered.</i>						
1,4	1789	PC WEBCT			Staff						
					<i>Section 1789 is an online course which meets 12 weeks (09/19 - 12/16). Students should sign on and contact the instructor as soon as they are registered.</i>						
1,4	6353	B 122	W	5:40-6:55P	Staff						
					HYBRID						
					<i>Section 6353 is a hybrid course meeting online and in the classroom on Mondays.</i>						
ENG111	Technical Writing	\$180	3								
4	1999	PC WEBCT			V Simmon						
ENG217	Personal and Exploratory Writing	\$175	3								
1,4	2001	B 121	WF	11:00-11:50A	P Zaccardo						
					HYBRID						
					<i>Section 2001 is a hybrid course meeting online and in the classroom on Wednesdays and Fridays.</i>						
English - Creative Writing											
CRW200	Readings for Writers	\$60	1								
4	1163	PC WEBCT			L Herring						
CRW242AD	Writing Studio Workshop I: Magical Realism	\$120	2								
					In class meetings: Fridays, 09/16, 10/21, and 12/02 from 6-9pm. All else on-line through WEBCT.						
4	5977	OSW105	F	6:00-9:00P	L Herring						
					HYBRID						
					<i>Section 5977 meets 12 weeks 09/16 - 12/02.</i>						
CRW271	Topics in Writing: Fiction: Advanced Fiction Intensive	\$175	3								
					Meets two weekends: Friday, 08/26, 6-10pm and Saturday, 08/27, 8-4pm and Friday, 12/09, 6-10pm and Saturday, 12/10, 8-4pm. All else on-line through WEBCT.						
4	5985	OSW102	F	6:00-10:00P	L Herring						
		OSW102	S	8:00-4:00P							
					HYBRID						
CRW273	Writing the Novel	\$175	3								
					Meets four Saturdays: 08/20, 09/17, 10/22, and 12/03, 9-2pm. All else on-line through WEBCT.						
4	5987	OSW105	S	9:00-2:00P	L Herring						
					HYBRID						
					<i>Section 5987 begins Saturday, August 20.</i>						
English Humanities											
ENH254	Literature and Film	\$180	3								
4	2025	PC WEBCT			M Etchart						
4	2027	PC WEBCT			M Etchart						
Food and Nutrition/Culinary Studies											
FON241	Principles of Human Nutrition	\$180	3								
					PC WEBCT Information: Mandatory in-person orientation to be announced. Students who do not attend will be dropped from course.						
1,4	2187	PC WEBCT			A Villarreal						
					<i>Section 2187 meets 15 weeks 09/06-12/12.</i>						
1,4	2189	PC WEBCT			A Villarreal						
					<i>Section 2189 meets 15 weeks 09/06-12/12.</i>						
Health Care Related											
HCR220	Health Care Organizations	\$180	3								
4	2605	PC WEBCT			M Chavez						
Health Core Curriculum											
HCC130	Fundamentals in Health Care Delivery	\$180	3								
4	2553	PC WEBCT			Staff						
4	2555	PC WEBCT			Staff						
					<i>Section 2555 meets 15 weeks 08/29 - 12/16.</i>						
HCC145	Medical Terminology for Health Care Workers	\$180	3								
4	2563	PC WEBCT			Staff						
1,4	2597	PC WEBCT			Staff						
					<i>Section 2597 meets 15 weeks 08/29 - 12/16.</i>						
HCC145AA	Medical Terminology for Health Care Workers I	\$60	1								
4	2585	PC WEBCT			Staff						
					<i>Section 2585 meets 8 weeks 08/22 - 10/14.</i>						
4	2587	PC WEBCT			Staff						
					<i>Section 2587 meets 8 weeks 09/19 - 11/12.</i>						
HCC164	Pharmacology for Allied Health	\$33	.5								
1,4	2591	PC WEBCT			D Dennis						
					<i>Section 2591 meets 6 weeks 10/17 - 11/21.</i>						
Health Information Technology											
HIT101	Introduction to Health Information	\$125	2								
1,4	2763	E 224	T	9:00-11:40A	D Dennis						
					HYBRID						
					<i>Section 2763 is a hybrid course meeting online and in the classroom on Tuesdays.</i>						
HIT106	Legal Aspects of Health Information	\$180	3								
1,4	2765	PC WEBCT			D Dennis						
					<i>Section 2765 Students must attend an in-person orientation session on Monday, August 22, in the PC Library, Encanto Room, at 4:00-5:00pm.</i>						
Information Security Technology											
ITS120	Legal, Ethical and Regulatory Issues	\$180	3								
2861	PC WEBCT				S Hauert						
Legal Assisting											
LAS131	Legal Writing I	\$175	3								
1,4	3019	PSB 27	R	8:30-9:45A	E Soderman						
					HYBRID						
					<i>Section 3019 (the Thursday daytime section) meets as scheduled in the classroom on the days indicated. This section also has an Internet-based component (WebCT) that students must participate in to satisfy the course requirements. Section 3019 begins on Thursday, August 18. The first class session only meets in Lab B-225, 2nd floor of B-Building. Section 3019 has a WebCT support fee.</i>						
LAS204	Business Law for Legal Assistants	\$165	3								
1,4	3027	PC WEBCT			E Soderman						
1,4	3029	PC WEBCT			E Soderman						
					<i>Sections 3027 and 3029 are Internet-based only. There is a required orientation session on Friday, August 19 from 12:00 pm -1:00 p.m. in the Encanto Room, lower level of the library. Sections 3027 and 3029 have a WebCT support fee.</i>						

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HYBRID and ONLINE CLASSES

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Subj. Code Fnt. Sect #	Course Title Bldg/Rm	Days	Time	*\$	Credits Instructor	Subj. Code Fnt. Sect #	Course Title Bldg/Rm	Days	Time	*\$	Credits Instructor	Subj. Code Fnt. Sect #	Course Title Bldg/Rm	Days	Time	*\$	Credits Instructor				
1,4 3035	PSB 27	T	8:30-9:45A	E Soderman	LAS212 Insurance and Tort Law \$175 3	4 4453	PC WEBCT		B Schoenwald-Oberbeck	PSY210 Educational Psychology \$185 3	4 4797	PC WEBCT		J Vazquez	SPA111 Fundamentals of Spanish \$245 4	4 8439	OSW106 T	6:05-8:45P	Staff	SPA117 Health Care Spanish \$180 3	
					HYBRID																
Section 3035 (the daytime section) meets as scheduled in the classroom on Tuesdays only and has an Internet-based component (WebCT) that students must participate in to satisfy the course requirements. Section 3035 begins on Tuesday, August 16. The first class session only meets in Lab B-225, 2nd floor of B-Building. Section 3035 has a WebCT support fee.						Section 1136 meets is an 8 week late-start course (10/25-12/16). This course will meet in the classroom Tuesday and Thursday at 11:30 a.m. - 12:45p.m. In addition, an internet component using WEBCT is mandatory to satisfy course requirement.						Section 8439 is a hybrid course meeting online and in the classroom on Tuesdays.									
Library Skills						Reading						HYBRID									
4 3085	PC WEBCT			Staff	LBS201 Electronic Resources Concepts and Skills \$60 1	1,4 1136	DB 329 TR	11:30-12:45P	Staff	CRE101 Critical and Evaluative Reading I \$180 3	1,4 4811	PC WEBCT		J Vazquez	SPA201 Intermediate Spanish I \$245 4	1,4 4813	PC WEBCT		Staff	SPA117 Health Care Spanish \$180 3	
					Section 3085 meets 8 weeks 10/17 - 12/09.																
Management						Sociology						Section 4813 meets 10 weeks 10/04 - 12/16.									
4 3371	PC WEBCT			M Gray	MGT120 Credit Union Operations \$180 3	1,4 1139	PC WEBCT		S Lucas	CRE101 Critical and Evaluative Reading I \$180 3	1,4 4819	PC WEBCT		J Vazquez	SPA201 Intermediate Spanish I \$245 4	1,4 4820	PC WEBCT		J Vazquez	SPA202 Intermediate Spanish II \$245 4	
						1,4 1141	PC WEBCT		S Lucas												
4 3399	PC WEBCT			J Iskiyan	MGT276 Personnel/Human Resources Management \$180 3	SOC101 Introduction to Sociology \$180 3						Section 4820 meets 10 weeks 10/04 - 12/16.									
						PC WEBCT classes are late-start classes. Start date is 08/29/05.						Section 4857 is a hybrid course meeting online and in the classroom on Tuesdays.									
Nursing						Spanish						Section 4857 is a hybrid course meeting online and in the classroom on Tuesdays.									
1,4 4021	C 206 T		8:00-9:20A	M Chavez	NUR187 Pharmacology & Medication Administration II \$93 1.5	4 4723	PC WEBCT		M Hopkins	SPA101 Elementary Spanish I \$245 4	4 4847	PC WEBCT		Staff	SPH151 Latin American Literature in Translation \$180 3	4 4851	PC WEBCT		Staff	SPH245 Hispanic Heritage in the Southwest \$180 3	
					HYBRID	4 4725	PC WEBCT		M Hopkins	4 4781	PC WEBCT		V Foster								
1,4 4023	PC WEBCT			M Chavez	Section 4023 meets 9 weeks 09/19 - 11/14.	4 4726	PC WEBCT		M Hopkins	4 4783	PC WEBCT		J Nideffer								
Office Automation Systems						Section 4783 meets 10 weeks 10/04 - 12/16.						Section 4798 meets 10 weeks 10/04 - 12/16.									
4 4121	PC WEBCT			S Tolino	OAS181 Medical Office: Vocabulary \$180 3	4 8403	C 211 M	6:00-9:20P	Staff	SPA101 Elementary Spanish I \$245 4	4 4795	PC WEBCT		J Nideffer	SPA102 Elementary Spanish II \$245 4	1,4 4798	PC WEBCT		J Nideffer	SPA111 Fundamentals of Spanish \$245 4	
					Section 4121: Internet information will be mailed to students the first week of class.																
Psychology						Section 8403 is a hybrid course meeting online and in the classroom on Mondays.						Section 8417 is a hybrid course meeting online and in the classroom on Wednesdays.									
4 4439	PC WEBCT			M Gibney	PSY101 Introduction to Psychology \$185 3	HYBRID						Section 8417 is a hybrid course meeting online and in the classroom on Wednesdays.									
						Section 8417 is a hybrid course meeting online and in the classroom on Wednesdays.						Section 8417 is a hybrid course meeting online and in the classroom on Wednesdays.									
4 4441	PC WEBCT			M Gibney		Section 8417 is a hybrid course meeting online and in the classroom on Wednesdays.						Section 8417 is a hybrid course meeting online and in the classroom on Wednesdays.									
4 4443	PC WEBCT			Staff		Section 8417 is a hybrid course meeting online and in the classroom on Wednesdays.						Section 8417 is a hybrid course meeting online and in the classroom on Wednesdays.									
						Section 8417 is a hybrid course meeting online and in the classroom on Wednesdays.						Section 8417 is a hybrid course meeting online and in the classroom on Wednesdays.									
4 4445	PC WEBCT			Staff		Section 8417 is a hybrid course meeting online and in the classroom on Wednesdays.						Section 8417 is a hybrid course meeting online and in the classroom on Wednesdays.									
						Section 8417 is a hybrid course meeting online and in the classroom on Wednesdays.						Section 8417 is a hybrid course meeting online and in the classroom on Wednesdays.									

LATE-START CLASSES

Subject Code	Section	Course Title	Days	Time (start-stop)	Date	Bldg/Room	Page
AAA150AB	5925	STUDY SKILLS DEVELOPMENT	S	9:00-4:00P	10/01-10/08	B 102	68
ACC111	0033	ACCOUNTING PRINCIPLES I	TR	11:30-12:50P	09/06-12/15	B 328	50
ACC111	5031	ACCOUNTING PRINCIPLES I	S	8:00-10:50A	09/10-12/10	B 317	50
ACC115	5033	COMPUTERIZED ACCOUNTING	R	5:00-7:00P	09/08-12/15	B 206	50
ACC121	5035	INCOME TAX PREPARATION	T	5:40-7:00P	09/13-12/16	B 323	50
			R	5:40-7:00P		B 302	50
AJS150	0169	DEFENSIVE TACTICS	F	3:00-7:00P	09/09-09/10	E 112	52
			S	8:00-5:30P	09/09-09/10	E 112	
AJS150	0170	DEFENSIVE TACTICS	F	3:00-7:00P	11/04-11/05	E 112	52
			S	8:00-5:30P	11/04-11/05	E 112	
AJS271	0209	SPECIAL POPULATIONS I	F	3:00-7:00P	09/02-09/03	C 102	52
			S	8:00-5:30P	09/02-09/03	C 102	
AJS289AJ	0215	STREET GANGS I	F	3:00-7:00P	09/16-09/17	C 102	52
			S	8:00-5:30P	09/16-09/17	C 102	
AJS290AU	0217	CHILD ABUSE INVESTIGATION	F	3:00-7:00P	10/21-10/22	C 102	52
			S	8:00-5:30P	10/21-10/22	C 102	
AJS290BL	0218	WHITE COLLAR CRIMES	F	3:00-7:00P	10/07-10/08	C 102	52
			S	8:00-5:30P	10/07-10/08	C 102	
AJS290BN	0219	COURTROOM TESTIMONY SEMINAR	F	3:00-7:00P	10/14-10/15	C 102	52
			S	8:00-5:30P	10/14-10/15	C 102	
AJS290BO	0221	ALCOHOL ABUSE SEMINAR	F	3:00-7:00P	10/28-10/29	C 102	52
			S	8:00-5:30P	10/28-10/29	C 102	
AJS290BU	0223	FAMILY VIOLENCE	F	3:00-7:00P	11/04-11/05	C 102	52
			S	8:00-5:30P	11/04-11/05	C 102	
AJS290BV	0225	VICTIM ASSISTANCE	F	3:00-7:00P	11/18-11/19	C 102	52
			S	8:00-5:30P	11/18-11/19	C 102	
ART100	0263	INTRO TO COMPUTER GRAPHIC ART	F	9:00-5:00P	10/21-11/11	F 201	56
BPC110	0681	COMPUTER USAGE & APPLICATIONS	MW	1:00-3:00P	09/07-12/16	B 229	60
BPC114BE	0695	EXCEL: LEVEL II	PCWEBCT		09/26-10/28		61
BPC114CE	0699	EXCEL: LEVEL III	PCWEBCT		10/31-12/06		61
BPC118AB	0710	POWERPOINT: LEVEL I	ALTERNATIVE DELIVERY		09/12-10/07		61
BPC118AB	0712	POWERPOINT: LEVEL II	ALTERNATIVE DELIVERY		10/10-11/04		61
BPC125	5829	MICROCOMPUTER SET UP & MAINTENANCE	W	5:40-8:20P	09/07-10/05	B 321	66
BPC135DK	0749	WORD: LEVEL I	ALTERNATIVE DELIVERY		09/19-10/24	B 229	61
Subject Code	Section	Course Title	Days	Time (start-stop)	Date	Bldg/Room	Page
CFS114	5555	WORKING WITH THE HYPERACTIVE CHILD	S	8:30-4:00P	10/22-10/29	DB-329	63
CFS130	5559	DEMISTIFYING ADOLESCENCE	S	8:30-4:00P	09/10-09/17	DB 329	63
CFS159	5560	THE MODERN FAMILY	S	8:30-4:00P	10/01-11/05	DB 321	62
CFS182	5565	PARENTING EARLY ADOLESCNT: AGE 10-14	S	8:30-4:00P	11/12-11/19	DB 329	63
CFS264AA	0821	CHILD & FAMILY STUDIES INTERNSHIP	TBA	TBA	10/17-12/09	TBA	63
CFS281	5569	ADOLESCENT SCHOOL SUCCESS	S	8:30-4:00P	12/03-12/10	DB 339	63
CFS290AA	5571	CHILD ABUSE:ID&RPT CHILD CARE SETTNG	SU	8:30-4:00P	10/15-10/16	DB 329	63
CHM090	0861	PREPARATION FOR FUNDAMENTL CHEMISTRY	MW	12:00-12:50P	09/12-11/02	C 324	61
CIS105	0941	SURVEY COMPUTER INFO SYSTEMS	MW	9:00-9:55A	09/07-12/16	B 328	66
			F	9:00-9:55A	09/07-12/16	B 323	66
CIS105	0953	SURVEY COMPUTER INFO SYSTEMS	MW	11:00-11:55A	09/07-12/16	B 328	66
			F	11:00-11:55A	09/07-12/16	B 323	66
CIS105	0973	SURVEY COMPUTER INFO SYSTEMS	T	10:00-11:20A	09/06-12/15	B 328	66
			R	10:00-11:20A	09/06-12/15	B 307	66
CIS105	0981	SURVEY COMPUTER INFO SYSTEMS	T	2:00-3:30P	09/06-12/15	B 302	66
			R	2:00-3:30P	09/06-12/15	B 323	66
CIS105	5789	SURVEY COMPUTER INFO SYSTEMS	S	9:00-12:00P	09/10-12/10	B 306	66
CIS121AE	0983	WINDOWS OPERATING SYSTEM: LEVEL I	M	12:00-12:55P	09/12-12/12	B 206	66
CIS121AE	5797	WINDOWS OPERATING SYSTEM: LEVEL I	W	5:40PM-6:35P	09/07-12/14	B 206	66
CIS126AA	5799	UNIX OPERATING SYSTEM: LEVEL I	M	5:40-6:55P	09/12-11/21	B 206	67
COM100	5843	INTRO TO HUMAN COMMUNICATION	MW	4:15-6:55P	10/03-11/30	H 112	65
CPD102AN	5907	ANGER MANAGEMENT	S	9:00-2:00P	09/10-09/24	B 101	68
			ALTERNATIVE DELIVERY				
CPD102AR	1093	RELAXATION TRAINING	TR	11:30-12:50P	11/01-12/08	J 102	68
CPD102AS	5911	CONFLICT RESOLUTION	SU	9:00-4:00P	10/08-10/16	B 103	68
CPD102AT	5913	BUILDING SELF-ESTEEM	R	5:40-8:20P	09/29-12/08	HC 1	68
CPD150AB	1103	STUDY SKILLS DEVELOPMENT	MW	12:00-1:15P	09/19-10/24	DB 331	68
CPD150AB	5927	STUDY SKILLS DEVELOPMENT	S	9:00-4:00P	10/15-10/22	B 101	68
CPD160	5929	INTRO TO MULTICULTURALISM	S	9:00-4:00P	10/29-11/19	B 101	68
			ALTERNATIVE DELIVERY				
CRE101	1136	CRITICAL & EVALUATIVE READING I	TR/ HYBRID	11:30-12:45P	10/25-12/16	DB 329	115
CRW242AD	5977	WRITING STUDIO WRKSH I: MAGICAL REALISM	F/ HYBRID	6:00-9:20P	09/16-12/02	OSW 105	75
ECH182	6105	ENHANCING TODDLER DEVELOPMENT	S	8:30-4:00P	10/08 - 10/15	J 102	63
ECH236	6107	LEARNING MATERIALS FOR YOUNG CHILDREN	S	8:30-4:00P	11/05 - 11/12	DB 330	63
ECH287	6115	PROF DEVELOPMNT EARLY CHILDHOOD EDUC	S	8:30-4:00P	09/24 - 10/01	DB 329	63
EMT116	1461	EMERGENCY MED COMMUNICATION (EMD)	TR	9:00-5:30P	12/03 - 12/11	PSB 18	73
EMT120	6209	SPANISH FOR EMERGENCY CARE PROVIDERS	M	6:00-8:00P	10/10 - 12/12	PSB 16	73
EMT200	6221	REFRESHER COURSE FOR CERTIFIED EMTS	SU/HYBRID	9:00-5:30P	09/10 - 09/18	PSB 15	73

LATE-START CLASSES

Subject Code	Section	Course Title	Days	Time (start-stop)	Date	Bldg/Room	Page
EMT200	6223	REFRESHER COURSE FOR CERTIFIED EMTS	SU/HYBRID	9:00-5:30P	10/01 - 10/09	PSB 15	73
EMT200	6225	REFRESHER COURSE FOR CERTIFIED EMTS	SU/HYBRID	9:00-5:30P	11/05 - 11/13	PSB 15	73
EMT200	6227	REFRESHER COURSE FOR CERTIFIED EMTS	SU/HYBRID	9:00-5:30P	12/03 - 12/11	PSB 15	73
EMT201	6253	INTERACTIVE BASIC EMT REFRESHER	SU/HYBRID	9:00-5:30P	09/30 - 11/09	PSB 15	73
EMT201	6255	INTERACTIVE BASIC EMT REFRESHER	SU/HYBRID	9:00-5:30P	10/31 - 12/11	PSB 15	73
EMT238	6231	VEHICULAR EXTRICATION/PATIENT STABL	SU	9:00-5:30P	10/29 - 11/06	PSB 16	73
EMT240	6239	ADVANCED CARDIAC LIFE SUPPORT	T	5:00-10:00P	10/18 - 11/22	PSB 18	73
EMT241	1539	ADV CARDIAC LIFE SUPPORT REFRESHER	M	9:00-5:30P	11/07 - 11/07	PSB 18	74
EMT245	6237	TRAUMA MANAGEMENT I	F	4:00-12:00A	12/10 - 12/17	PSB 16	
			S	10:00-6:00P	12/10 - 12/17	PSB 16	
			SU	9:00-5:30P	12/10 - 12/17	PSB 16	74
EMT255AA	6240	INSTRCTNL STRATEGIES/EMT OCCUPATIONS	SU	9:00-5:30P	11/05 - 11/06	PSB 20	74
EMT255AB	6241	ADVANCED CLS INSTRUCTIONL STRATEGIES	FS	9:00-5:30P	10/15 - 10/16	PSB 20	74
EMT255AD	1550	BASIC LIFE SUPPRT INSTR STRATEGIES	F	9:00-5:30P	09/23 - 09/23	PSB 20	74
EMT255AE	1549	EMT SKILLS EXAMINERS	FS	9:00-5:30P	11/11 - 11/12	PSB 20	74
ENG061	1592	BASIC WRITING SKILLS	MW	12:00-1:40P	09/19 - 12/07	J 102	75
ENG071	1621	FUNDAMENTALS OF WRITING	MW	12:00-1:40P	09/19 - 12/07	B 107	75
ENG071	1639	FUNDAMENTALS OF WRITING	TR	1:00-3:40P	10/18 - 12/15	B 102	75
ENG101	1687	FIRST-YEAR COMPOSITION	MW	11:00-12:40P	09/19 - 12/07	J 130	76
ENG101	1693	FIRST-YEAR COMPOSITION	MW	12:00-2:30P	10/17 - 12/14	B 106	76
ENG101	1729	FIRST-YEAR COMPOSITION	TR	1:00-3:40P	10/18 - 12/15	C 116	76
ENG101	1739	FIRST-YEAR COMPOSITION	PC WEBCT		09/19 - 12/16		76
ENG102	1757	FIRST-YEAR COMPOSITION	MW	12:00-1:40P	09/19 - 12/07	B 108	76
ENG102	1769	FIRST-YEAR COMPOSITION	TR	12:00-1:40P	09/20 - 12/08	DB 225	76
ENG102	1775	FIRST-YEAR COMPOSITION	TR	1:00-3:40P	10/18 - 12/15	B 103	76
ENG102	1789	FIRST-YEAR COMPOSITION	PC WEBCT		09/19 - 12/16		76
EPS102	2041	RICH DAD'S CASHFLOW	F	1:00-4:30P	10/07 - 12/09	B 321	84
EPS102	6391	RICH DAD'S CASHFLOW	S	9:00-12:30P	09/24 - 11/19	B 321	84
ESL010	6407	ESL I: GRAMMAR	MW	4:00-5:25P	09/07 - 12/14	B 121	77
ESL020	6421	ESL II: GRAMMAR	MW	4:00-5:25P	09/07 - 12/14	B 105	77
ESL030	6435	ESL III: GRAMMAR	TR	4:00-5:25P	09/06 - 12/15	B 107	77
ESL067	2132	BASIC WRITING SKILLS FOR ESL	MW	12:00-1:40P	09/12 - 12/16	A 201	78
ESL077	2139	FUNDAMENTALS OF WRITING ESL	MW	12:00-1:40P	09/12 - 12/16	DB 223	78
Subject Code	Section	Course Title	Days	Time (start-stop)	Date	Bldg/Room	Page
FON104	6495	CERT IN FOOD SERVC & SFTY & SANITATN	S	9:00-1:40P	10/08 - 10/22	DB 330	81
FON241	2187	PRINCIPLES OF HUMAN NUTRITION	PC WEBCT		09/06 - 12/12		83
FON241	2189	PRINCIPLES OF HUMAN NUTRITION	PC WEBCT		09/06 - 12/12		83
FPA101	8701	PRINCIPLES OF FIDUCIARY PRACTICE	S	8:00-1:30P	10/08 - 10/22	C 206	80
FRE085AB	6535	SPEEDY FRENCH II	MW	5:00-7:00P	09/26 - 10/19	A 101	83
FRE085AC	6537	SPEEDY FRENCH III	MW	5:00-7:00P	10/24 - 11/16	A 101	83
FSC105	6569	HAZARDOUS MATERIALS/FIRST RESPONDER	F	4:00-10:00P	11/04 - 11/13	PSB 20	81
			SU	9:00-5:30P		PSB 20	
FSC118	6577	FIRE HYDRAULICS	F	4:00-10:00P	09/09 - 09/18	PSB 20	81
			SU	9:00-5:30P		PSB 20	
FSC152	6583	ENGINE COMPANY OFFICER	SU	9:00-5:30P	11/05 - 11/06	PSB 20	81
FSC214	6601	HUMAN RESOURCE MGMT/FIRE SERVICE	F	4:00-10:00P	09/09 - 10/16	PHX MTC	81
			SU	9:00-5:30P		PHX MTC	
FSC221	6607	LADDER COMPANY OFFICER	SU	9:00-5:30P	12/03 - 12/04	PSB 20	81
GBS110	6621	HUMAN RELATIONS IN BUSINESS/INDUSTRY	R	7:10-10:00P	09/08 - 12/15	B 306	83
GBS151	2239	INTRODUCTION TO BUSINESS	TR	8:30-9:55A	09/06 - 12/15	B 328	83
GBS151	6627	INTRODUCTION TO BUSINESS	MW	5:40-7:05P	09/07 - 12/14	B 308	83
GBS151	6631	INTRODUCTION TO BUSINESS	S	9:00-12:00P	09/10 - 12/10	B 327	83
GBS205	6632	LEGAL, ETHICAL/REGULATORY ISSUES/BUS	TR	5:40-7:05P	09/06 - 12/15	B 321	84
GBS221	6645	BUSINESS STATISTICS	TR	4:15-6:55P	10/18 - 12/15	B 306	84
GBS258	6650	PRINCIPLES OF PROPERTY/LIABILITY INS	M	7:10-10:00P	09/12 - 12/16	B 317	84
GBS263	6651	PERSONAL INSURANCE	W	7:10-10:00P	09/07 - 12/16	B 317	84
GRN102	2363	SUPERVISORY CARE SERVICES	TWRF	7:00-12:00P	11/01 - 11/04	C 315	85
GRN104	2365	PERSONAL CARE SERVICES	MTW	7:00-1:00P	11/07 - 11/15	C 315	85
GRN106	2367	DIRECTED CARE SERVICES	RF	7:00-1:00P	11/17 - 11/18	C 315	85
GRN108	2369	MANAGEMENT ASSISTED LIVING FACILITIES	MT	7:00-11:00A	11/21 - 11/22	C 315	85
HCC130	6821	FUNDAMENTALS IN HEALTH CARE DELIVERY	W	5:40-9:00P	09/21 - 12/07	J 134	86
HCC145AA	2575	MED TERMINOLOGY HLTH CARE WRKRS I	T	12:00-1:40P	10/18 - 12/06	J 134	87
HCC145AA	2587	MED TERMINOLOGY HLTH CARE WRKRS I	PC WEBCT		09/19 - 11/12		87
HCC145AA	6835	MED TERMINOLOGY HLTH CARE WRKRS I	M	5:40-6:50P	09/19 - 12/05	J 134	87
HIP110	6905	HM INSPECTION: REVIEW & EXAMINATION	M	6:00-9:30P	12/12 - 12/21	B 307	93
			W	6:00-9:30P	12/12 - 12/21	B 321	
HUM205	7053	INTRODUCTION TO CINEMA	S	9:00-2:00P	10/01 - 11/19	T 101	95
IBS101	2268	INTRO TO INTERNATIONAL BUSINESS	TR	11:30-12:55P	09/06 - 12/15	B 321	96
IPP218	2913	ENG TO ASL CONSECUTIVE INTERPRETING	TR	10:05-11:45A	10/18 - 12/15	H 240	54
			T	12:10-1:50P	10/18 - 12/15	H 240	
IPP218	7123	ENG TO ASL CONSECUTIVE INTERPRETING	M	7:05-8:45P	10/18 - 12/15	H 240	54
			T	5:15-8:35P	10/18 - 12/15	H 240	
ITS172	7171	VIRUSES AND OTHER MALICIOUS SOFTWARE	S	10:00-12:15P	09/10 - 10/15	OSW 201	95

LATE-START CLASSES

Subject Code	Section	Course Title	Days	Time (start-stop)	Date	Bldg/Room	Page
LAS100	7213	INTRO TO PARALEGALISM	T	6:00-8:45P	09/06 - 11/01	PSB 23	98
LBS201	3085	ELEC RESOURCES CONCEPTS & SKILLS	PC WEBCT		10/17 - 12/09		100
MAT091	3175	INTRODUCTORY ALGEBRA	MTWRF	12:00-12:50P	09/06 - 12/07	E 213	102
MAT120	3235	INTERMEDIATE ALGEBRA	MTRF	1:00-2:20P	09/12 - 11/21	B 204	103
			W	1:00-2:20P	09/12 - 11/21	A 214	
MGT105	3369	LEADERSHIP FOR CITIZENSHIP	MW	1:00-2:30P	10/24 - 11/23	B 126	100
MMT292	3487	MULTIMEDIA UPDATE	TR	9:00-11:45A	11/03 - 12/01	F 201	57
NUR104AB	3973	STRUCTURED NURSING REVIEW	TBA	TBA	09/12 - 12/16	TBA	108
NUR104AB	3977	STRUCTURED NURSING REVIEW	TBA	TBA	09/12 - 12/16	TBA	108
NUR104AB	3979	STRUCTURED NURSING REVIEW	TBA	TBA	09/12 - 12/16	TBA	108
OAS101AA	4095	COMPUTER TYPING I:KEYBOARD MASTERY	MW	1:00-2:55P	09/19 - 10/26	B 225	110
OAS101AA	8091	COMPUTER TYPING I:KEYBOARD MASTERY	T	6:00-8:45P	09/13 - 11/15	B 225	110
OAS103AA	8101	COMPUTER TYPING: SKILL BUILDING I	T	6:00-8:45P	09/13 - 11/15	B 225	110
OAS246	4135	MEDICAL TRANSCRIPTION INTERNSHIP	TBA	TBA	09/26 - 12/09	B 228	111
PED101AF	4211	PHYS ACT: AEROBICS	TBA	TBA	10/17 - 12/09	SGYM	89
PED101HH	7881	PHYS ACT: HIP HOP	F	6:00-7:50P	09/02 - 12/09	G 163	89
PED101IH	4223	PHYS ACT: FITNESS FOR LIFE	TBA	TBA	10/17 - 12/09	FITCTR	89
PED101LK	7891	PHYS ACT: HIKING	S	7:00	09/17 - 12/10	G CONF	87
PED101XP	4255	PHYS ACT: WEIGHT TRAINING	TBA	TBA	10/17 - 12/09	FITCTR	89
PED101YJ	7913	PHYS ACT: YOGA	F	4:00-5:50P	09/02 - 12/16	G 163	88
PED103BD	7863	PHYS ACTIVITIES: BALLROOM DANCING	F	7:30-8:25P	09/02 - 12/16	SGYM	89
PED103BD	7865	PHYS ACTIVITIES: BALLROOM DANCING	F	8:30-9:25P	09/02 - 12/16	SGYM	89
PED115	4177	LIFETIME FITNESS	TBA	TBA	09/19 - 12/09	FITCTR	89
PED115	4179	LIFETIME FITNESS	TBA	TBA	09/19 - 12/09	FITCTR	89
PED116	4187	AEROBICS FOR WELLNESS	TBA	TBA	09/19 - 12/09	SGYM	89
PED116	4189	AEROBICS FOR WELLNESS	TBA	TBA	09/19 - 12/09	SGYM	89
PED117	4197	WEIGHT TRAINING FOR WELLNESS	TBA	TBA	09/19 - 12/09	FITCTR	89
PED117	4199	WEIGHT TRAINING FOR WELLNESS	TBA	TBA	09/19 - 12/09	FITCTR	89
POS115	8024	ISSUES IN AMERICAN POLITICS	W	6:00-9:40P	09/28 - 12/14	OSW 202	113
POS222	8029	U.S. CONSTITUTION	M	7:10-9:50P	10/03 - 12/16	A 110	113
POS222	8031	U.S. CONSTITUTION	S	9:00-1:00P	09/24 - 11/12	A 110	113
PSY101	4443	INTRODUCTION TO PSYCHOLOGY	PC WEBCT		09/22 - 12/16		113
PSY101	4445	INTRODUCTION TO PSYCHOLOGY	PC WEBCT		09/22 - 12/16		113
PSY101	8057	INTRODUCTION TO PSYCHOLOGY	TR	4:00-6:40P	10/18 - 12/08	DB 222	113
Subject Code	Section	Course Title	Days	Time (start-stop)	Date	Bldg/Room	Page
PSY201AA	8071	SELECTED ISSUES IN PSYCHOLOGY	F	6:00-9:30P	09/30 - 10/21	DB 221	113
RDG081	4531	READING IMPROVEMENT	MW	3:45-5:25P	09/26 - 12/14	H 209	115
RDG091	4553	COLLEGE READING SKILLS I	MW	3:45-5:25P	09/26 - 12/14	H 116	115
RDG091	4557	COLLEGE READING SKILLS I	TR	8:05-9:45A	09/20 - 12/15	H 202	115
REA201	8204	REAL ESTATE PRINCIPLES I AND II	TR	7:00-10:00P	09/06 - 12/08	B 308	115
REA201AA	8201	REAL ESTATE EXAM PREPARATION	MW	4:15-7:00P	12/12 - 12/21	B 317	116
REA201AA	8205	REAL ESTATE EXAM PREPARATION	TR	5:45-8:30P	12/13 - 12/22	B 328	116
REA201AA	8207	REAL ESTATE EXAM PREPARATION	S	8:30-4:00P	12/10 - 12/17	B 328	116
SBU100	4643	PROFESSIONAL BUSINESS ETHICS	TR	8:30-9:55A	09/06 - 12/15	B 321	116
SBU200	4647	SOCIETY & BUSINESS	MWF	8:00-8:55A	09/07 - 12/16	B 328	116
SBU200	8293	SOCIETY & BUSINESS	T	7:10-10:00P	09/06 - 12/13	B 321	116
SBU200	8294	SOCIETY & BUSINESS	S	9:00-12:00P	09/10 - 12/16	B 302	116
SLG102	4671	AMERICAN SIGN LANGUAGE II	MWF	9:00-11:15A	10/17 - 12/16	H 113	53
SLG103	4677	INTRODUCTION TO DEAFNESS	F	11:30-1:10P	10/21 - 12/16	H 118	54
SLG103	8324	INTRODUCTION TO DEAFNESS	W	7:10-8:50P	10/19 - 12/14	H 113	54
SLG110	4679	FINGERSPELLING I	MW	11:30-1:10P	10/17 - 12/16	H 118	53
SLG120	4683	FINGERSPELLING II	TR	10:55-12:35P	10/18 - 12/15	H 118	53
SLG201	4691	AMERICAN SIGN LANGUAGE III	MW	9:00-11:00A	09/07 - 12/16	H 118	53
SLG202	4695	AMERICAN SIGN LANGUAGE IV	MWF	9:00-11:15A	10/17 - 12/16	H 119	53
SOC101	4745	INTRODUCTION TO SOCIOLOGY	TR	1:00-2:40P	09/06 - 12/01	E 109	117
SPA085AB	8391	SPEEDY SPANISH II	MW	5:00-7:00P	09/21 - 10/17	DB 224	117
SPA085AB	8393	SPEEDY SPANISH II	TR	5:00-7:00P	09/20 - 10/13	B 123	117
SPA085AB	8389	SPEEDY SPANISH II	S	9:00-12:20P	09/17 - 10/08	A 204	117
SPA085AC	8395	SPEEDY SPANISH III	MW	5:00-7:00P	10/24 - 11/16	DB 224	117
SPA085AC	8397	SPEEDY SPANISH III	TR	5:00-7:00P	10/17 - 11/10	B 123	117
SPA085AC	8399	SPEEDY SPANISH III	S	9:00-12:20P	10/15 - 11/05	A 204	117
SPA101	4783	ELEMENTARY SPANISH I	PC WEBCT		10/04 - 12/16		117
SPA102	4791	ELEMENTARY SPANISH II	MWF	10:00-12:15P	10/10 - 12/02	A 203	117
SPA102	4798	ELEMENTARY SPANISH II	PC WEBCT		10/04 - 12/16		117
SPA115	8427	BEGINNING SPANISH CONVERSATION I	TR	5:30-8:30P	10/04 - 11/24	DB 225	118
SPA201	4813	INTERMEDIATE SPANISH I	PC WEBCT		10/04 - 12/16		118
SPA202	4817	INTERMEDIATE SPANISH II	MWF	11:15-1:30P	10/10 - 12/16	A 204	118
SPA202	4820	INTERMEDIATE SPANISH II	PC WEBCT		10/04 - 12/16		118
TEC114	8537	BLOCK PRINTING & SILK SCREENING	S	1:00-4:30P	09/10 - 10/29	F 206	119
TEC116	4886	TEXTILES: STITCHERY & EMBELLISHMENT	F	11:00-2:45P	09/23 - 10/28	DB 137	119
TEC127	4888	COMPUTER-ASSISTED FASHION DESIGN	MW	1:30-4:10P	09/12 - 10/17	DB 136	119
TEC236	8561	PORTFOLIO DEVELOPMENT	W	5:30-9:15P	10/05 - 11/19	TBA	120
THE205	8573	INTRODUCTION TO CINEMA	S	9:00-2:00P	10/01 - 11/19	T 101	120
WED156	4945	HUMOR & PLAY	T	12:20-2:00P	10/18 - 12/06	OSW 205	120

LATE-START CLASSES

Subject Code	Section	Course Title	Days	Time (start-stop)	Date	Bldg/Room	Page
WED162	4947	MEDITATION & WELLNESS	R	3:00-4:40P	10/20 - 12/15	OSW 205	120
WED165	8627	OVERVIEW OF MASSAGE THERAPY	M	5:30-8:10P	10/03 - 12/05	OSW 205	120
WED170	8629	PRINCIPLES OF HOMEOPATHY	S	9:00-1:30P	10/15 - 10/29	PSB 26	120
WED176	8633	FLOWER ESSENCES	R	5:00-6:40P	10/20 - 12/15	H 105	121
WED215	8635	SELF-CARE/HEALTH CARE PROVIDERS	T	4:00-6:30P	10/04 - 12/06	OSW 205	121
WED218	8637	AROMATHERAPY	S	9:00-1:30P	09/24 - 10/08	OSW 107	121
WED231	4957	THERAPEUTIC MASSAGE PRACTICES II	MTWR	3:00-7:00P	10/17 - 12/15	OSW 107	121
WED262	4963	ACUPRESSURE/SHIATSU I	T	8:00-12:00P	10/04 - 12/06	OSW 107	121
WED297AA	8639	SPECIAL TOPICS: THERAPEUTIC MASSAGE	U	12:00-4:00P	10/09 - 10/23	G CONF	121
WED297AC	4965	SPECIAL TOPICS: THERAPEUTIC MASSAGE	F	8:00-12:00P	09/30 - 12/09	OSW 107	121

Day and Evening Final Exam Schedule - Fall 2005

Classes listed as **"MWF"** below include classes which meet regularly on Monday/Wednesday, Monday/Wednesday/Friday, four times a week, daily **or** once a week. **"TR"** indicates classes which meet on Tuesday **and** Thursday **or** one time per week. **Final exams for classes meeting only on Fridays, Saturdays or Sundays will be held on the last class meeting of the semester.**

EXAMINATION TIME FOR CLASSES WITH BOTH LECTURE AND LAB SECTIONS:

- If the lecture section meets two or more times per week, final exam time will be determined by the lecture section meeting time.
- If the lecture session meets only once a week, final exam time will be determined by the first hour of the laboratory section.

Regularly scheduled classes for Fall 2005 end on Sunday, December 11, 2005. Finals week is December 12-15, 2005.

Classes will meet for final exams as scheduled below:

Day	Class Starting Time	Exam Time	Day/Date of Exam
MWF	7:00 - 7:55 a.m.	7:00 - 8:50 a.m.	Monday, December 12
MWF	9:00 - 9:55 a.m.	9:00 - 10:50 a.m.	Monday, December 12
MWF	11:00 - 11:55 a.m.	11:00 - 12:50 p.m.	Monday, December 12
MWF	1:00 - 1:55 p.m.	1:00 - 2:50 p.m.	Monday, December 12
MW	4:00 - 5:00 p.m.	4:00 - 6:00 p.m.	Monday, December 12
MW	7:00 - 8:30 p.m.	7:00 - 9:00 p.m.	Monday, December 12
M	7:00 - 8:30 p.m.	7:00 - 9:00 p.m.	Monday, December 12
TR	7:00 - 8:15 a.m.	7:00 - 8:50 a.m.	Tuesday, December 13
TR	10:00 - 11:15 a.m.	10:00 - 11:50 a.m.	Tuesday, December 13
TR	1:00 - 2:15 p.m.	1:00 - 2:50 p.m.	Tuesday, December 13
TR	4:00 - 5:30 p.m.	4:00 - 6:00 p.m.	Tuesday, December 13
TR	7:00 - 8:30 p.m.	7:00 - 9:00 p.m.	Tuesday, December 13
T	7:00 - 8:30 p.m.	7:00 - 9:00 p.m.	Tuesday, December 13
MWF	8:00 - 8:55 a.m.	8:00 - 9:50 a.m.	Wednesday, December 14
MWF	10:00 - 10:55 a.m.	10:00 - 11:50 a.m.	Wednesday, December 14
MWF	12:00 - 12:55 p.m.	12:00 - 1:50 p.m.	Wednesday, December 14
MWF	2:00 - 2:55 p.m.	2:00 - 3:50 p.m.	Wednesday, December 14
MW	5:40 - 6:55 a.m.	5:00 - 7:00 p.m.	Wednesday, December 14
W	7:00 - 8:30 p.m.	7:00 - 9:00 p.m.	Wednesday, December 14
TR	8:30 - 9:45 a.m.	8:00 - 9:50 a.m.	Thursday, December 15
TR	11:30 - 12:45 p.m.	12:00 - 1:50 p.m.	Thursday, December 15
TR	2:30 - 3:45 p.m.	2:00 - 3:50 p.m.	Thursday, December 15
TR	5:40 - 6:55 p.m.	5:00 - 7:00 p.m.	Thursday, December 15
R	7:00 - 8:30 p.m.	7:00 - 9:00 p.m.	Thursday, December 15

This exam schedule must be adhered to unless written permission is granted by the Vice President, Academic Affairs.

LEARNING COMMUNITIES

What's in it for me? Why should I participate?

- Learn through making connections between subjects
- Transferable general education credits
- Coordinated assignments; use some assignments in both classes
- Hands-on course work
- Develop friendships and learn together with the same group of students in both classes
- Use inquiry skills to solve real world problems



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MEDI-LINGO LEARNING COMMUNITY

(For ESL Students)

Attention Health Care Professionals!

Learn and expand health care vocabulary and language skills in this learning community. Students must register for all three classes below.

HCC130 1,3,8	Fundamentals in Health Care Delivery 2535 J 134	MWF	8:00-8:50A	\$165	3	V Parker
RDG014 1,4,8	Advanced Vocabulary for ESL Speakers (Non-native Speakers) 4501 H 117	MW	9:00-9:50A	\$170	3	C Ortega
HCC145AA 1,3,8	Medical Terminology for Health Care Workers I 2573 J 134	MW	10:00-10:50A	\$55	1	V Parker

Section 2573 meets 8 weeks 08/22 - 10/12.

For more information about "Medi-Lingo"

Cindy Oretga: phone (602) 285-7768 or e-mail cindy.ortega@pcmail.maricopa.edu
Veronique Parker: phone: (602) 285-7760 or e-mail veronique.parker@pcmail.maricopa.edu



"COMPUTERS IN EDUCATION"

Students must register for both
classes listed below.

Prerequisite: None

CIS105 1,4,8	Survey of Computer Information Systems 0954 B323	M	11:00-11:50A	\$153	3	L Offenberg
		W	11:00-11:50A			
		F	11:00-11:50A			
EDU221 1,8	Introduction to Education 1395 C205	MWF	10:00-10:50A	\$138	3	O Cañez

For more information about "Computers in Education"

Linda Offenberg (602) 285-7358 or e-mail linda.offenberg@pcmail.maricopa.edu
Ofelia Cañez (602) 285-7657 or e-mail ofelia.canez@pcmail.maricopa.edu

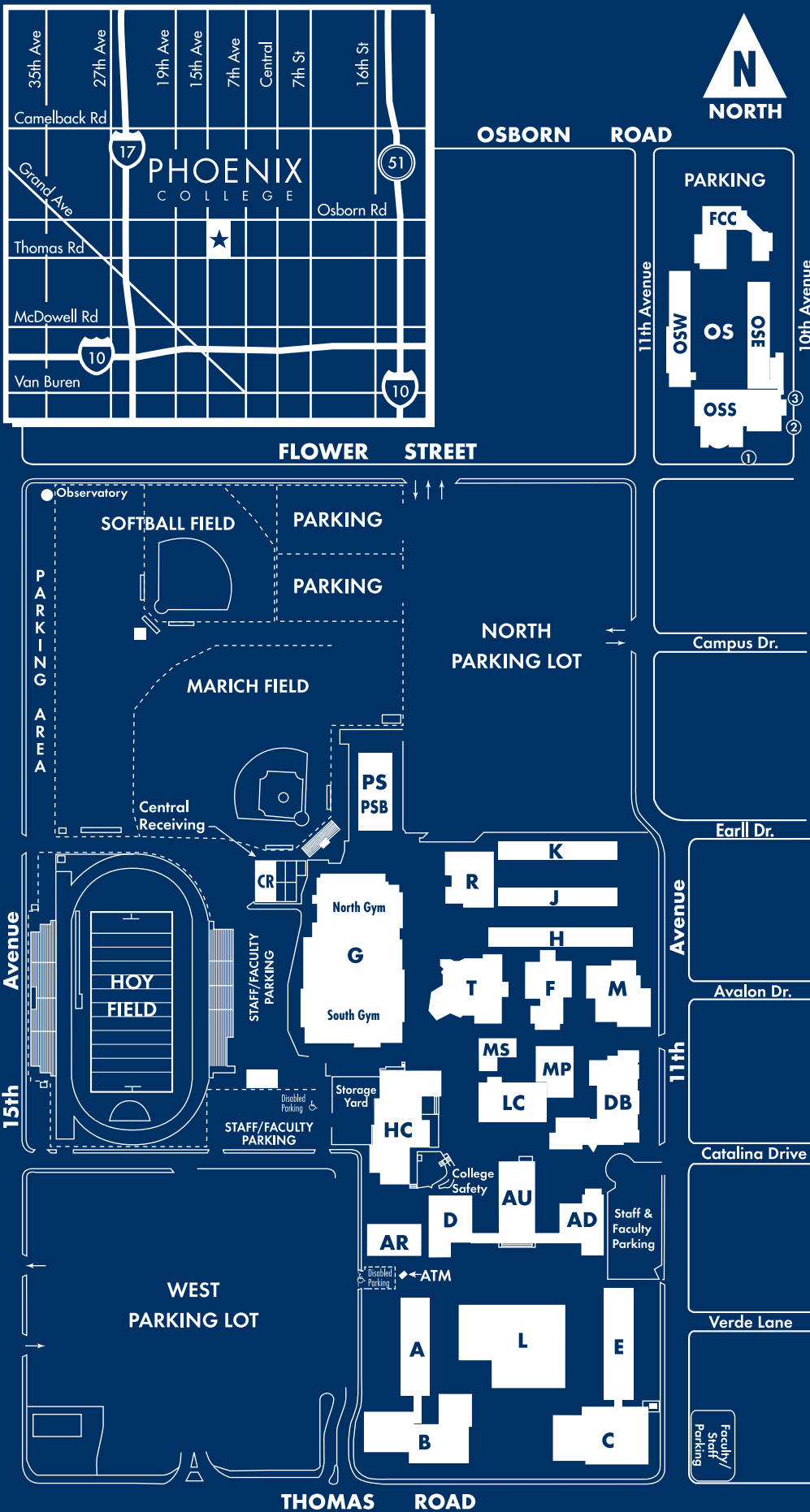
Campus Legend

Administrative Offices & Centers

- | | |
|---|--|
| <p>AD Administration Offices
 College President
 Vice President, Administrative Services
 Vice President, Academic Affairs
 Associate Dean of Academic Affairs
 Vice President, Student Affairs
 Executive Assistant to the President
 Associate Dean of Information Technology
 College Business Services
 Employee Services
 Events Planning/Scheduling
 Institutional Advancement</p> <p>AR Admissions and Records
 Admissions & Records
 Cashier/Fiscal
 Foreign Student Admissions
 Information Center
 Veterans' Services</p> <p>AU Bulpitt Auditorium</p> <p>CR Central Receiving</p> <p>D Computer Services Building
 College Safety
 Media Services
 Recruitment & Retention
 Sr. Associate Dean of Student Affairs
 Technology Support Group</p> | <p>HC Hannelly Center, Lower Level
 Bears' Den
 Bookstore
 Student Life & Leadership</p> <p>HC Hannelly Center, Upper Level
 Cafeteria/Staff Lounge
 Career Resource Center
 Counseling
 Financial Aid
 Native American Counseling
 International Center
 Re-entry Center</p> <p>LC Learning Center Building
 Advisement/Transfer Center
 Learning Center/Special Services
 Testing Center</p> <p>OS Osborn Center (OSE, OSW, OSS)
 11th Ave. & Flower, NE corner.
 Alumni & Development
 Scholarships (OSE)
 Community Education (OSE)
 Culinary Cafe &
 Conference Center (OSS)
 Custom Training & Education (OSE)
 Therapeutic Massage Program (OSW)
 1 = Willo Conference Room
 2 = Palmcroft Conference Room
 3 = Dome Conference Room</p> <p>FCC Family Care and Head Start Center (OSN)</p> |
|---|--|

Classrooms, Buildings & Departments

- | | |
|--|--|
| <p>A Liberal Arts Building
 Foreign Languages (2nd floor)
 Liberal Arts
 Mathematics (2nd floor)
 Urban Teacher Corps</p> <p>B Business/English Building
 Applied Business (2nd floor)
 Business (3rd floor)
 Computer Lab (2nd floor)
 English/Humanities (1st floor)
 Legal Studies (2nd floor)</p> <p>C Science Building
 Chemistry (3rd floor)
 Curriculum (2nd floor)
 Gerontology/Senior Adult (3rd floor)
 Nursing (1st floor)</p> <p>DB Dalby Building
 Applied Arts & Human Sciences
 Biology (2nd floor)
 Classical Studies/Honors Program
 Psychology (3rd floor)</p> <p>E Noble Engineering Sciences Bldg
 Cultural & Applied Social Sciences
 Drafting/CAD Laboratory (2nd floor)
 Engineering
 Geography/Geology
 Physics/Physical Science</p> <p>F Fine Arts Building
 Art Gallery
 Art & Photography</p> | <p>G Gymnasium, North/South Gym
 Coaches' Offices
 Fitness Center
 Health Enhancement
 Multi-Purpose Room I, II</p> <p>H Reading, Communication, American Sign Language & Theatre/Film</p> <p>J Classrooms
 Institutional Research & Planning
 Vehicle Scheduling</p> <p>K Classrooms and Services
 Duplicating/Mailroom</p> <p>L Fannin Library
 Computer Commons
 Learning Technology & Development
 Math & Science Center
 Title V</p> <p>M Music Building
 Sessions Music Theater</p> <p>PS Public Service Building (PSB)
 Emergency Medical Technology
 Fire Science</p> <p>R Dental Programs Building
 Dental Assisting/Hygiene
 Dental Clinic</p> <p>T John Paul Theatre
 Theatre Arts</p> |
|--|--|



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