### Index

**A**  
Academic Honor Code, 12, 13, 15  
Access Information, 6  
Accommodated Testing Services, 10  
Accounting, 19–20  
Accreditation, 12  
Adapted Physical Education, 20–21  
Adaptive Learning: Community Based, 21  
Allied Health Sciences, 21  
Alternative Media, 4, 10  
Americans With Disabilities Act (ADA) Policy, 14  
Anthropology, 22–23  
Art, 23–24  
AskFoothill, 3  
Associated Students of Foothill College, 18  
Astronomy, 24–25  

**B**  
Biology, 25–26  
Business, 26–27  

**C**  
Campus Maps, 6  
Career Center, 17  
Career Life Planning, 27  
Change of Grade, 12  
Chemistry, 27–28  
Child Care Services at De Anza College, 17  
Child Development, 28–29  
Class Schedule, 4  
CNSL 50 Course for New Students, 5, 6, 10  
College Programs & Policies, 10  
Communication Studies, 29  
Computer Information Systems, 29–31  
Computer Networking & Electronics, 31  
Computers & Software Training, 31  
Computing on the Internet, 31–32  
Contesting a Citation, 14  
Continuing Students, 4  
Cooperative Work Experience Education, 32  
Counseling, 32–33  
Course Catalog, 12, 15, 18  
Creative Writing, 33  

**D**  
Dance, 33–34  
Dental Hygiene, 34  
Diagnostic Medical Sonography, 34–35  
Digital Millennium Copyright Act, 13  
Disability Access, Programs & Services, 10  
District Service Area, 15  
Drug-Free Campus Policy, 15  

**E**  
Economics, 35  
Emergency Medical Technician, 35–36  
Emergency Medical Technician - Paramedic, 36  
English, 36–37  
English for Second Language Learners, 37  
Enrollment Steps, 4  
Environmental Horticulture & Design, 37–38  
Extended Opportunity Programs & Services (EOPS), 10  

**F**  
Family Educational Rights & Privacy Act, 15  
FastTech Technology Classes, 11  
Fees, 4, 10  
Final Exam Schedule, 10  
Financial Aid Dates & Deadlines, 11  
Financial Aid Options & Information, 11  
Financial Aid Process, 11  
Fine Arts, 38  
Foothill College Bookstore, 17, 18  
Foothill College Course Catalog, 12, 15  
Foothill College Main Campus, 6  
Foothill College Middlefield Campus, 6  
Foothill College Mission, Vision, Values & Purpose, 16  
Foothill College Registration Information, 4  
Foothill Owls Athletics, 17  
Foothill Students Transfer to UCs, CSUs & Other Universities Across the Country, 16  
4-Cs, 16  

**G**  
Geography, 38–39  
Gerontology, 39  
Getting Here, 6  
Grading Scale, 12  
Graphics & Interactive Design, 39  

**H**  
Health, 39  
Higher Education Opportunity Act, 13  
Higher Education Opportunity Act and Digital Millennium Copyright Act, 13  
History, 39–40  
How to Add a Class, 5  
How to Drop a Class, 10  
How to Read Course Listings, 19  
Humanities, 40  

**I**  
Illegal Distribution of Copied Materials, 13  
Important Dates & Deadlines, 6  
Institutional Learning Outcomes, 16  
Introduction to College Course, 6, 10  

**J**  
Japanese, 40  

**K**  
Krause Center for Innovation, 6, 11, 17  

**L**  
Learning in New Media Classrooms, 41–43  
Limited English Skills Policy, 14  

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www.foothill.edu
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Foothill College no longer publishes a printed class schedule*. We have completely renovated the Foothill College website, including the comprehensive MyPortal.fhda.edu gateway and class schedule, to maximize financial resources and provide you with convenient access to more up-to-date information. You can link to many departmental websites for additional information about programs, support services, courses and more.

All courses, instructor designations, footnotes, deadlines, and fees described herein are subject to change or deletion without notice.

* You can review the course listings in this PDF, which were accurate as of April 23, 2012. Course listing and footnote information may have significantly changed. For the most accurate, current course listings it’s smart to always access the class schedule.

Foothill College Registration Information

Unless otherwise noted in the schedule, June-Start Summer Session courses run June 11–July 20; July-Start Summer Session courses run July 2–Aug. 11. Review the most current, up-to-date course listings by accessing the class schedule. Learn more about enrollment guidelines, residency requirements, prerequisites, unit limitations and other admissions topics.

Register Online Now

It’s easy to register for classes at Foothill College. Review the course listings and registration instructions online at www.foothill.edu.

Summer 2012 Registration Dates

Continuing Students (those who were enrolled in Foothill spring classes) Register Online

June-Start Summer Session: May 17–June 10
July-Start Summer Session: May 13–June 10

New & Former Students Register Online

June-Start Summer Session: May 17–July 1
July-Start Summer Session: May 13–July 1

Easy Enrollment Steps

New & Former Students

1. Apply online. Or, to request a paper application, call (650) 949-7325. There is no fee to apply.
2. Take the Foothill College placement tests for English and math. To schedule a testing appointment, access www.foothill.edu/placement/ or call (650) 949-7650. There is no fee for tests.
3. Register online. High school juniors and seniors must submit a permission form signed by their parent and principal. Download this form.
4. Enroll in the one-unit CNSL 50: Introduction to College course. This class is required for all new students enrolling in six units or more.
5. Pay fees online, by mail or in person at the Admissions Office. Do not mail cash. To pay online, access MyPortal.fhda.edu and click the Students tab, then My Account. Once registered, your fees are due. You will be dropped from classes if payment in full is not submitted.

Continuing Students

1. Ensure that you have completed the prerequisites for the courses for which you are registering. If you have questions, consult a counselor at (650) 949-7423.
2. Register online.
3. Pay fees online, by mail or in person at the Admissions Office. Do not mail cash. To pay online, access MyPortal.fhda.edu and click the Students tab, then My Account. Once registered, your fees are due. You will be dropped from classes if payment in full is not submitted.

To request this or any college publication in alternative media, including electronic text, Braille or large print, call the alternative media specialist at (650) 949-7673 or e-mail SumSteven@foothill.edu.
Welcome to Foothill College

Foothill College can help you earn a specialized certificate or associate degree or upgrade your current job skills. We can also help you complete the general education course requirements that you need to transfer to a university.

You can apply for admission, register for classes, complete the registration process, pay enrollment fees and buy a parking permit online at MyPortal fhda.edu. You can also review the class schedule, purchase textbooks and e-book versions of textbooks for download online at www.foothill.edu, as well as rent textbooks and order textbooks online for pick up on campus or delivery by UPS—all online. Effective with Summer 2012 registration, California residents pay $31 per unit plus basic fees for Foothill classes. A full range of student support services is also available, including financial aid, counseling, child care (at our sister school, De Anza College, in Cupertino), tutoring and more.

Foothill College Registration Information

What Kind of Student Are You?
You are:
- a continuing student if you are currently attending Foothill College.
- a former student if you have attended Foothill College in the past but were not registered last quarter.
- a high school junior or senior and can enroll in Foothill classes with permission from your parent and principal. Review the enrollment process; restrictions apply.
- a new student if you have never attended Foothill College. New students pursuing degrees or transfer must register for the one-unit CNSL 50: Introduction to College course.

When to Register
Your date to register is determined by the number of units you’ve completed at Foothill College.

How to Add a Class After the Session Has Started
You can add courses with an add code from your instructor via MyPortal fhda.edu during the first week of Summer Session only. Thereafter, you must complete the add process in person at the Admissions & Records Office. Review the instructions for adding a class. Add codes are given out at the discretion of the instructor on a space-available basis.

To add an online course that does not meet on campus, you must either:
- Login to MyPortal fhda.edu and submit a request using the Foothill Late Adds tab; or
- Directly e-mail the Foothill College faculty member. To find the instructor’s e-mail address, access the online faculty directory.

Once you have received an add code from the instructor, promptly complete the steps to add the course.

How to Add If You Are On the Course's Waitlist
Foothill College uses an automated program that will notify you by e-mail if a seat becomes available. Prior to the start of the term, you may add a class from the waitlist. Review the instructions to add a class if you’re on the waitlist. You are responsible for checking your e-mail for waitlist alerts. To participate in the waitlist process, you must provide the college with your current and valid e-mail address. If you choose not to provide the college with your current and valid e-mail address, you will not receive waitlist alerts. To review or make changes to your e-mail address, access MyPortal fhda.edu.

Placement Tests
Before you can register for certain courses, you may be required to take a placement test in math, chemistry, English or English as a Second Language. There is no fee for placement testing.

Prerequisite Clearance
To clear a prerequisite hold, you can take the placement test for English, ESL, math or chemistry. There is no fee for placement tests. If you are not sure what the prerequisites are for specific Foothill courses, you must review these by accessing the Foothill College Course Catalog.

Download the Prerequisite Clearance Form and fill it out. Next, if you have completed coursework at another college, do the following:
- bring your completed Foothill College Prerequisite Clearance Form,
- bring your transcript if you have completed coursework at another college (an unofficial transcript is acceptable), and
Foothill College Registration Information

- bring any other required documentation to a student success specialist at Foothill College who will help you. Student success specialists are located on all three floors of the Student Services Building (Bldg. 8000). Parking Lots 1 and 8 provide quick access to the Student Services Building. You may also fax your completed Foothill College Prerequisite Clearance Form, transcript and other documentation to (650) 949-6125.

CNSL 50 Course for New Students
- You can earn early registration when you complete the one-unit CNSL 50: Introduction to College course.
- Exemption: You may be exempt from CNSL 50 if you have completed an orientation course at another college; or have completed 12 or more college units, including an orientation course prior to enrolling at Foothill College. To verify if you are eligible for this exemption, you must consult a Foothill College counselor. Schedule a consultation online or call (650) 949-7423.

Important Dates & Deadlines
From final exams and registration dates to critical deadlines and campus events, important dates are posted on the online calendar at www.foothill.edu.

Campus Maps
Foothill College Main Campus
- A campus parking permit is required at all times. Purchase a day-use permit for $3 from dispensers in any student lot. Failure to display a permit will result in a citation.
- Download the printer-friendly version of the campus map.
- Use the campus locations tool to find your way around Foothill.

Foothill College Middlefield Campus
- A parking permit is not required at the Middlefield Campus.
- Download the printer-friendly version of the campus map.

Getting Here
Learn more about travel directions to the college, and parking fees, permits and enforcement.

Access Information
- Accessible elevators are located at Krause Center for Innovation, Library, Pool Deck, Campus Center, Student Services Building and Life Sciences Building.

Main Campus Hours
Main Campus
(650) 949-7777
- Admissions & Records
- ASFC Design Center
- ASFC Smart Shop
- Bookstore
- Box Office
- Counseling Office & Appointments
- Disability Resource Center
- EOPS
- Financial Aid Office
- Food Services
- Foothill Global Access
- Health Services

Middlefield Campus Hours
Middlefield Campus
(650) 949-6950
- Bookstore
- Career & College Connections
- Counseling

Accessible parking is located in Lots 1, 2-A, 3-A, 5, 8 and at all transit stations. You must display the DMV-issued placard. To obtain a temporary disability on-campus permit, call (650) 949-7017.

Shuttle service to all points on campus is available for students with physical disabilities. For operating hours, call (650) 949-7017.

Persons who are deaf or hard of hearing may e-mail DavisBrenda@foothill.edu.

For more access information, visit the Disability Resource Center (Room 5801), call (650) 949-7017 or e-mail DavisBrenda@foothill.edu.

www.foothill.edu

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6
Foothill College • Summer Session 2012
Student Fees

Summary of Fees & Refunds

Fees for enrollment, select services, parking permits, out-of-state and international student tuition, explanations of all Foothill fees, and important refund policies are posted on the Fees & Refunds section of the Foothill website. Be aware that payment in full is due when you register, and when you add subsequent classes. You will be dropped from your classes if you do not submit payment in full.

Payment Installment Plan

For convenience, a payment installment plan is available. To be eligible for the installment plan, you must not owe any fees from previous quarters at either Foothill or De Anza colleges, and you must apply for the installment plan in person at the Foothill College Admissions & Records Office (Room 8101).

Online Fees Calculator

Use the convenient online calculator to determine the fees you owe.

Residency

Residency determinations are based on the completed Application for Admission and other required materials. Review the college’s residency requirements.

College Programs & Policies

Final Exam Schedule

Summer Session final exams will be conducted at the last class meeting. Final examinations are given in all courses except physical education activity, CNSL 50, cooperative education and tutoring. You are responsible for completing all assigned final examinations. Failure to complete the final exam will result in an F grade. If you miss a final examination for a legitimate reason, you should immediately communicate with your instructors and counselor. Final examinations normally will not be given in advance of the scheduled time.

How to Withdraw from a Class

PRIOR TO THE WITHDRAW DEADLINE WITH NO GRADE
First, verify the withdraw deadline date. Then, follow these instructions.

AFTER THE WITHDRAW DEADLINE WITH A "W" MARK
First, verify the withdraw deadline date. The option of dropping a class online is not available after the drop period ends. If you must drop a class after the drop period has ended, follow these steps. Be aware that you will receive a W mark.

Disability Access, Programs & Services

To request this or any college publication in alternative media, including electronic text, Braille, or large print, call the alternative media specialist at (650) 949-7673 or e-mail SumSteven@foothill.edu.

The Adaptive Learning Department offers courses and services that are designed to help physically, communicatively, learning and developmentally disabled students. The department oversees the on-campus Disability Resource Center (Room 5801).

Learn more about available programs and services, including:

- Adapted Physical Education
- Alternate Media Services
- Alternate Path for Requesting Accommodation for a Disability
- Apply for Disability Support Services
- Community-Based Classes for Older Adults & Veterans
- Computer Access Center
- Disability Resource Center
- Application Process
- REACH Post-Stroke Program
- Support Services
- Services for Students with Learning Disabilities
- Transition to Work Program
- Veterans Resource Center

Accommodated Testing Services

The student who has been approved by the college's Adaptive Learning Services may receive proctoring services for classroom exams. There is no fee for accommodated proctoring services, however advanced arrangements are required. The accommodated testing service is located in Room 8213A in the Student Services Building. For procedures and information, call (650) 949-7672.

Testing Services

The student who has formal instructor approval may receive proctoring services for classroom exams. There is a fee for proctoring services and advanced arrangements are required. The proctoring service is located in Room 8214 in the Student Services Building. For procedures, costs and information, call (650) 949-7230.

Extended Opportunity Programs & Services (EOPS)

Learn more about EOPS, a state-funded student support program that serves financially and educationally disadvantaged students.
Financial Aid Options & Information
We encourage all students to **apply for financial aid**. Particularly during tough budget times, federal, state and private financial aid is available and can play an important role in supporting your educational goals. Financial aid is money that is given, paid or loaned to you to help pay for college or career training. Foothill College participates in aid programs made available through federal, state and private resources. Learn more about the Foothill College Financial Aid Office and its programs and services, including:

- Board of Governors (BOG) Fee Waiver
- Free Application for Federal Student Aid (FAFSA)
- Grants
- Loans
- Scholarships
- Work-Study

Financial Aid Process
This timeline is approximate. For the following steps to work smoothly, you must be responsible for carefully planning and submitting complete information in a timely manner.

**STEP 1** Complete your FAFSA online. Enter Foothill's school code 001199. To apply for aid for Summer 2012 through Spring 2013, you will need to complete the 2012–2013 FAFSA. To maximize your aid opportunities, we strongly recommend that you complete the 2012–2013 FAFSA **before March 2, 2012**.

**STEP 2** Receive your Student Aid Report (SAR) from the processing center. The Foothill College Financial Aid Office receives your FAFSA data electronically from processing center. The college then e-mails you a message that includes instructions for accessing your MyPortal.fhda.edu account where you'll conduct your financial aid business.

**STEP 3** The Foothill College Financial Aid Office receives all requested documents from you. Your file is then sent to a processor for review.

**STEP 4** If your file is able to be completely reviewed and you're eligible, then your file will be awarded. Awards and incomplete status are visible by monitoring your MyPortal fhda.edu account.

**STEP 5** Based on your choosing, disbursements are then direct deposited into a personal account, or directly loaded onto a Higher One debit card. For details, review the Higher One link on your MyPortal.fhda.edu account page.

Financial Aid Dates & Deadlines
You are responsible for submitting all documents by the required deadlines to be considered for financial aid. For more information, make regular visits to the Financial Aid Office and www.foothill.edu/aid.

Rewarding Health Careers
Start at Foothill College
Apply to one of Foothill’s **Biological & Health Science Career Programs**. You’ll receive outstanding instruction and hands-on training to prepare for a job that can pay from $50,000 to $80,000, depending on the field you select. Foothill students enjoy impressive job placement rates when they successfully complete our high-demand health care career training programs. Review these programs, and their career outlooks and requirements.

FastTech Technology Classes
FastTech classes are taught in quick formats at the **Krause Center for Innovation (KCI) at Foothill College**.

Krause Center for Innovation
A leader in professional development for California’s K–14 teachers, the KCI offers numerous free and low-cost technology education programs that help teachers integrate technology into their classrooms, improve student learning outcomes and, ultimately, develop highly educated students who are prepared to compete in the knowledge economy. Learn more about the KCI and its innovative programs:

- FAME
- FASTtech
- MERIT

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www.foothill.edu
Rules & Policies May Change
The Foothill-De Anza Community College District and Foothill College have made every reasonable effort to determine that the information in this schedule is accurate as of April 23, 2012. The course listings and footnote information in this PDF were accurate as of April 23, 2012. For the most accurate, current course listings and footnotes, always access the class schedule.

Changes may result from California legislature statutes or rules and policies adopted by the district or institutional designee. Courses, programs and policies are subject to change without notice for reasons related to student enrollment, level of financial support, or for any other reason, at the discretion of the district and college. The district and college further reserve the right to add, amend or repeal any of its rules, regulations, policies and procedures.

Open Course Policy
This policy is established pursuant to regulations contained in California Administrative Code Title 5 commencing with Section 55200.

Accreditation
Foothill College is accredited by the Accrediting Commission for Community and Junior Colleges of the Western Association of Schools and Colleges. This organization is recognized by the Council for Higher Education Accreditation and the U.S. Department of Education. Learn more about Foothill’s accreditation.

Grading Scale
Foothill College uses the plus/minus grading system. Follow this link to review grade definitions, evaluative symbols and grade points. You can also use Foothill’s online calculator to determine your grade-point average.

Receiving Grade Reports
To review your grades, login to MyPortal.fhda.edu and select the Students tab. Then, click Student Grades and follow the on-screen instructions.

Transcripts
Your transcript is a record of college courses that shows the units you attempted and completed, and your grades and grade-point average. An unofficial transcript is the document that is given or sent directly to you. You may request an official transcript be sent from the Foothill College Admissions Office directly to the records office of another college or university. Review the instructions for ordering transcripts.

Change of Grade
Section 76224 of the California Education Code states, “The determination of the student’s grade by the instructor shall be final in the absence of mistake, fraud, bad faith or incompetency.” By law, instructors are the only people who can change grades. Review the complete transcript/grade change policy if you believe a correction should be made.

Petitions for Associate Degrees & Certificates of Achievement
When you have completed 75 or more quarter units of required coursework and you are eligible for graduation, you must:

1. Make an appointment with a Foothill counselor to request appropriate petitions. To schedule an appointment, call (650) 949-7423.

2. Submit the completed petition form and support documents to the Evaluations Office (Room 8301) on or before the deadline date.

Repetition of Classes
You may repeat a course only once to remove an unsatisfactory grade (D, F, NP). For more information about restrictions, review the course repeatability statement that is posted online and published in the Foothill College Course Catalog.

Academic Honor Code
As a student at Foothill College, you join a community of scholars who are committed to excellence in teaching and learning. We assume that students will pursue their studies with integrity and honesty; however, all students should know that incidents of academic dishonesty are taken very seriously. It is vitally important to your academic success that you know what constitutes academic dishonesty at Foothill College.

■ What Is Academic Dishonesty?
■ Consequences of Academic Dishonesty
■ Cheating
■ Academic Consequences
■ Plagiarism
■ Administrative Consequences
■ Other Specific Examples of Academic Dishonesty

The Student Affairs Office maintains a record of students who have engaged in academic dishonesty. This information is used to identify and discipline students reported for academic dishonesty more than once. A copy of the Foothill College Student Conduct, Discipline & Due Process Procedure is posted online and copies are available in the Student Affairs & Activities Office (Room 2009). Foothill College thanks the
San Jose State University Student Affairs Vice President’s Office for many of the statements in this section. The Foothill College Academic Honor Code was developed and approved by the college’s Academic Senate in 2004.

Student Conduct, Discipline & Due Process

Review the following links so that you are fully aware of student rights and responsibilities. For complete conduct and due process procedures, read Foothill-De Anza Board Policy Administrative Procedures 5510 and 5520: Student Due Process & Discipline.

- Student Conduct
- Student Discipline
- Due Process Requirements & 14th Amendment

FOR MORE INFORMATION Patricia Hyland, dean of Student Affairs & Activities, is the college’s student grievance officer who oversees discipline and due process. To schedule an appointment with Patricia Hyland, get answers to your questions, obtain reference material or discuss an issue, visit Room 2002 or call (650) 949-7241, and speak with her assistant, Bill Frankeberger.

Student Complaint & Grievance Procedures

Foothill College has an established procedure for student grievances and complaints in order to provide a means for resolving alleged unfair or improper action by any member of the academic community. Procedures and forms are available on campus in the Student Affairs & Activities Office (Room 2002). A copy of the Foothill-De Anza Community College District Board Policy & Administrative Procedures (AP 5530: Student Grievances) is available for review from the FHDA District Human Resources Office during normal business hours as well as online at http://www.fhda.edu/about_us/stories/storyReader$234.

Misuse of Computer Information & Resources Policy

Abuse of computing, networking or information resources contained in or part of the Foothill-De Anza district network may result in the loss of computing privileges. Additionally, abuse can be prosecuted under applicable statutes. Complaints alleging abuse of the district network will be directed to those responsible for taking appropriate disciplinary action. Illegal reproduction of material protected by U.S. copyright law is subject to civil damages and criminal penalties, including fines and imprisonment. Read Foothill-De Anza Board Policy 3250: Computer & Network Use Rights & Responsibilities.

- System Abuse
- Harassment
- Commercial Use

Copyright

Exceptions

Student Code of Conduct for ETUDES Internet-Based Courses

As a student at Foothill College, your conduct in the classroom and online (Internet classes) is expected to conform to those acceptable standards for all students. Review your rights and responsibilities for online courses.

Illegal Distribution of Copyrighted Materials

Foothill College students are prohibited from using the Foothill-De Anza (FHDA) Community College District information network to illegally download or share music, video and all other copyrighted intellectual property. Foothill College supports the Higher Education Opportunity Act and Digital Millennium Copyright Act, including efforts to eliminate the illegal distribution of copyrighted material. Under the law, college administrators may be obligated to provide copyright holders with information about users of the FHDA information network who have violated the law.

Be aware that illegal forms of downloading and unauthorized distribution of copyrighted material, including unauthorized peer-to-peer file sharing, are violations of the law and may subject you to academic sanctions from the college as well as criminal and civil penalties, including a lawsuit against you by the Recording Industry Association of America (RIAA). Learn more at www.campusdownloading.com. In addition to being illegal, file sharing drains the FHDA network bandwidth, which slows computer connections for students and employees who are using the network for legitimate purposes and ultimately costs the college money. The college has developed policies and consequences to ensure that students respect music and other forms of intellectual property as well as conduct responsible use of the Internet.

There are easy, affordable ways to get music online legally. To protect their intellectual property, companies have licensed hundreds of digital partners that offer a range of legal downloading options, including subscription services, legitimate peer-to-peer services, video-on-demand, podcasts and CD kiosks. For a list of sources that offer legal downloading sites, access www.campusdownloading.com/legal.htm or www.educause.edu/Resources/Browse/LegalDownloading/33381.

www.foothill.edu
Americans With Disabilities Act (ADA) Policy

The Foothill-De Anza Community College District Board of Trustees upholds that, for persons with disabilities, improving the access to educational and employment opportunities must be a priority.

- Disabilities & Reasonable Accommodation
- Alternate Text
- Alternate Path for Requesting Accommodation for a Disability

Title IX Procedural Requirements

Foothill College has responsibilities to ensure that students and employees comply with the nondiscrimination mandate of Title IX and its procedural requirements.

Nondiscrimination Policy

Foothill College does not discriminate against any person in the provision of any program or service based on race, color, national or ethnic origin, age, gender, religion, sexual orientation, marital status or physical/mental disability. Review the college policy and follow the instructions listed if you experience any form of discrimination.

Reglamento de la No-discriminacion

Foothill College no discrimina en contra de ninguna persona en la prohibición de algun programa o servicio basado en la raza, color, nacionalidad u origen étnico, edad, sexo, religión, orientación sexual, estado civil, o impedimento físico o mental.

Limited English Skills Policy

Prospective students are advised that a lack of English language skills will not be a barrier to admission to, or participation in vocational education programs at Foothill College as long as other, if any, program admission standards are met. This notice is a requirement of the Guidelines for Eliminating Discrimination & Denial of Services on the Basis of Race, Color, National Origin, Sex and Handicap (Federal Register, Vol. 44, No 56).

Poliza Sobre Limitaciones en Inglés

Posibles estudiantes son aconsejados que la falta del idioma Inglés no será una barrera para la admisión, o participación en programas de educación vocacional en Foothill College, siempre y cuando todos los otros, si existieran, criterios de admisión del programa sean completados. Esta nota es un requisito de la Pauta para la Eliminación de la Discrminación y Negativa de Servicios en Base a la Raza, Color, Nacionalidad e Origen, Sexo, e Impedimento (Registro Federal, Vol. 44, No. 56).

Sexual Harassment Protection Policy

Members of a college community—students, faculty, staff and visitors—must be able to study and work in an atmosphere of mutual respect and trust. Review the Foothill-De Anza Sexual Harassment Protection Policy.

Mutual Respect Policy

The Foothill-De Anza district takes all steps necessary to provide a positive educational and employment environment that encourages equal educational opportunities. Review Board Policy 4110: Mutual Respect Policy.

Parking Citations & Traffic Violations

On-campus parking regulations—including display of a valid parking permit—are enforced 24 hours a day, 365 days a year. Parking tickets and traffic violations issued at Foothill College by campus police are legal citations.

You are responsible for paying an incurred parking penalty (citation) or contesting the citation within 21 days of issuance. Failure to do so will result in additional penalties and may affect the loss of your right to contest the citation. Be aware that the California Department of Motor Vehicles may also place a hold on your vehicle registration (40215 CVC). In addition, if you have five or more outstanding citations, this may result in the impounding or immobilization of your vehicle at your expense without further notice.

Paying a Citation

TO PAY WITH CHECK OR MONEY ORDER  (do not send cash):

1. Write the citation number on the check or money order.
2. Mail to Parking Violations Office (FHDA), P.O. Box 11113, San Jose, CA 95103.
3. If your check fails to clear, a returned-check fee will be assessed.

TO PAY BY CREDIT CARD:

1. Access www.pticket.com, the online vendor that is approved by the Foothill-De Anza district to administer its online citation collections.
2. Follow the on-screen prompts.

Contesting a Citation

You may contest a citation by writing a letter of explanation and sending it with a copy of the citation to the Parking Violations Office within 21 days of the issuance of the citation. For instructions, access www.pticket.com or call 1-800-818-1832.

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www.foothill.edu
Police Actions
Direct concerns about an individual officer first to the officer and then to the chief of Police & Safety, Room 2013 in the Campus Center; or call (650) 949-7313.

Drug-Free Campus Policy
The unlawful possession, use or distribution of any illicit drug or alcohol by students on district property or at district activities or events is prohibited. Be aware of the regulations as well as the disciplinary actions you will face for violating this policy.

No-Smoking Areas
To provide a safe learning and working environment for students and employees, smoking is prohibited in all indoor and outdoor campus locations, with the exception of designated smoking areas as defined by each campus. Smoking is prohibited in district vehicles. No-smoking signs shall be conspicuously posted on campus. In addition, designated smoking areas will be clearly marked. No tobacco-related advertising or marketing shall be permitted at FHDA or in publications produced by FHDA. The sale of tobacco products on campus is prohibited. This policy relies on the consideration and cooperation of smokers and non-smokers. It is the responsibility of all employees, students and visitors to observe and follow the guidelines. This policy shall be communicated and published in the colleges’ catalogs, handbooks, websites and other appropriate locations.

Smoking violations shall be subject to issuance of citations by the FHDA District Police Department as provided for by state law. Also see Administrative Procedures 3217, 5510 and 5520. Board Policy 3217; Amended 3/12/12.

Family Educational Rights & Privacy Act
The Family Education Rights & Privacy Act (FERPA) requires educational institutions to provide student access to official education records directly related to the student. The act also says you have the right to challenge such records on the grounds that they are inaccurate, misleading or otherwise inappropriate. Also, the college may release certain kinds of directory information, unless the student notifies the records officer that certain or all information may not be released without consent. The registrar is the designated records officer of the college. Learn more about your rights according to FERPA as well as how to review or challenge your education record.

Veterans Resource Center
Foothill's Veterans Resource Center (VRC) meets the unique educational and career-training needs of veterans, active duty personnel and reservists, and their families. Review the services provided by the VRC (Room 2014). Also review the refund and grading options for students called to active military service.

Use of Photography
Foothill College, a public California community college, reserves the right to take and use photographs, motion pictures and electronic images of students and visitors, age 18 and older, taken on college property and at college-sponsored events for marketing and promotional purposes. Occasionally, the college will conduct media production activities for marketing purposes. The results of such photography and recording may be broadcast throughout the world. If you do not want to be identified, photographed or recorded, avoid areas where camera technicians and photographers are working. Objection to the use of an individual's photo must be made in writing to the Marketing Office (Room 595).

Course Catalog
Foothill College publishes its official Course Catalog online as well as in print form each year. An essential planning and reference tool, the catalog is the institution’s official, authoritative source for course descriptions, degree requirements, graduation requirements, course transferability and prerequisites, academic and college policies, academic honor code, grading system, student support services, student rights and responsibilities, and additional information that will maximize your Foothill College experience. Access the Course Catalog online or purchase the catalog online or at the campus bookstore in Room 2301.

District Service Area
The Foothill-De Anza Community College District service area includes the communities of Cupertino, Los Altos, Los Altos Hills, Mountain View, Palo Alto, Sunnyvale and portions of San Jose, Santa Clara and Saratoga. Learn more at www.fhda.edu.

Off-Campus Sites
Some Foothill classes meet at sites in the community. Verify the meeting site of your course by reviewing the class schedule.
Foothill Students Transfer to UCs, CSUs & Other Universities Across the Country

What’s Their Secret?
Helping you prepare for transfer to a university to complete your bachelor’s degree is a core mission of Foothill College. Many Foothill courses are similar to courses offered in the lower division, or first two years, at four-year universities. Foothill students can transfer after completing lower-division major preparatory and general education requirements. The secret of our students’ success is that they meet frequently with Foothill counselors and understand which transferable courses are required for admission to the universities of their choice.

Foothill offers free transfer-related workshops throughout the academic year such as scholarships and financial aid; choosing a transfer school; choosing a major; completing the UC and CSU application; writing an effective university application essay; transfer admission guarantees (TAGs); and many others. Sign up for free workshops like these in the Transfer Center (Room 8329). Each fall, Foothill hosts Transfer Day to give you the opportunity to meet admissions representatives from numerous colleges and universities. In Spring Quarter, we host a reception for students who have been accepted for transfer. If you want to review resources, consult with a counselor, sign up for a free workshop or discuss your transfer options, we’re here to help.

- Counseling Appointments (650) 949-7423 • Room 8301
- Transfer Center (650) 949-7235 • Room 8329

Outstanding Faculty
Foothill College faculty are nationally recognized for their excellence in the classroom. Our instructors have degrees from such institutions as Stanford, Harvard, Columbia, UC Berkeley, UCLA, Chicago Art Institute, Cambridge, Dartmouth, Purdue, Johns Hopkins, Yale and many other top universities. They’ve joined the Foothill College faculty because they love teaching and working with students.

Foothill College Mission, Vision, Values & Purpose

Mission
A well-educated population being essential to sustaining and enhancing a democratic society, Foothill College commits itself to providing access to outstanding educational opportunities for all of our students. Whether through basic skills, career preparation, lifelong learning, or transfer, the members of the Foothill College community are dedicated to the achievement of learning and to the success of our students. We affirm that our unwavering dedication to this mission is critical to the prosperity of our community, our state, our nation, and the global community to which all people are members.

Vision
Foothill College envisions itself as a community of scholars where a diverse population of students, faculty and staff intersect and are engaged in the search for truth and meaning. We recognize that by necessity this search must be informed by a multiplicity of disciplinary modes of inquiry. In order to ensure that every student has the opportunity to share in this vision, Foothill College commits itself to providing students with the necessary student support services, outstanding instruction, and opportunities for leadership both within and outside the classroom. By enacting this vision, the college ensures that it remains the distinctive and innovative institution it has been since its inception.

Values
- Honesty
- Integrity
- Trust
- Openness

Purpose
To provide access to educational opportunity for all with innovation and distinction.

Institutional Learning Outcomes
An important aspect of upholding institutional integrity is maintaining focus on the Foothill College institution-level learning outcomes (ILOs), also known as the 4-Cs. These are:
- Communication;
- Computation;
- Creative, Critical & Analytical Thinking; and
- Community/Global Consciousness & Responsibility.

Every course at Foothill College addresses at least one of the ILOs. In addition to incorporating and reflecting the synthesis of the cognitive and affective domains of learning, the ILOs provide a framework for the development of breadth and depth in courses and programs, and are the basis of all learning experiences at Foothill College.

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www.foothill.edu 13
The Foothill College general education (GE) pattern, inclusive of courses in the seven areas of humanities, English, natural sciences, social and behavioral sciences, communication and analytical thinking, United States cultures and communities, and lifelong understanding, supports the college’s institution-level learning outcomes. Completion of the Foothill GE pattern provides students with the depth and breadth of knowledge, and the skills and abilities that will enable them to be productive lifelong learners, ethical human beings and effective citizens.

To review the current GE pattern, review the printed or online version of the Course Catalog.

Foothill Owls Athletics
Foothill College men and women student-athletes enjoy success in local, regional and state community college intercollegiate athletics. Learn how you can become part of Owls athletics or attend one of our exciting sporting events.

Child Care Services at De Anza College
Children of Foothill College students may be eligible for child care services at Foothill’s sister school, De Anza College, in Cupertino.

Textbook Affordability & Accessibility
Foothill College recognizes that textbook affordability directly impacts student access and successful learning. Learn about the numerous consumer options for students, including a wide selection of used textbooks, textbook rentals, e-books and textbook buyback at books.fhda.edu. Additional resources include textbooks that have been placed on reserve in the college library as well as a student-run book exchange.

Textbook information, including price and the International Standard Book Number (ISBN) are included on the website for the college’s bookstore at books.fhda.edu. Foothill College makes every reasonable effort to determine that the textbook information listed online is accurate. However, textbook editions and ISBNs are subject to change without notice by either the instructor or publisher. The Foothill College Bookstore is not responsible for subsequent textbook changes if the student purchases them from another source.

For disability access to textbooks and other instructional materials, e-mail SumSteven@foothill.edu or call (650) 949-7673.

In addition to traditional purchases, the Foothill College Bookstore also offers these convenient methods for purchasing textbooks:

- participate in the textbook rental program;
- purchase e-books to download; or
- buy textbooks online for pick up on campus or delivery by UPS.

College Programs & Policies

Support Services to Help You Succeed

- Bookstore
- Career Center
- Counseling Services
- Disability Resource Center
- Financial Aid & Scholarships
- Foothill Global Access
- Health Services Office
- Honors Institute
- Krause Center for Innovation
- Library & Media Center
- Mfumo Program
- Paid Internships
- Pass the Torch
- Peer Study Teams
- PSME Center
- Psychological Services & Personal Counseling
- Puente Program
- Student Jobs
- Support Services Directory
- Tutorial Center
- University Transfer Center
- Veterans Resource Center

Foothill College • Summer Session 2012

www.foothill.edu

14
Visit the Foothill College Bookstore in Room 2301

We Have What You Need

- Backpacks
- Calculators
- Candy & Snacks
- Course Catalog
- Foothill Apparel & Gifts
- Greeting Cards
- New, Used & E-Books
- Reference Books
- Santa Clara County Transit Bus Passes
- Study Guides
- Discounts and educational pricing on computer hardware, peripherals and software.

Hours:

June 11–July 29
Mon.–Thurs., 7:30 a.m. to 6 p.m. ♡ Friday, 7:30 a.m. to 2 p.m.

July 2–13
Mon.–Thurs., 7:30 a.m. to 7 p.m. ♡ Friday, closed

July 16–Aug. 31
Mon.–Thurs., 8 a.m. to 5 p.m. ♡ Friday, closed

☆ closed weekends and holidays ☆ books.fhda.edu ☆ (650) 949-7305
How to Read Course Listings

<table>
<thead>
<tr>
<th>Course Number</th>
<th>CRN</th>
<th>Course ID</th>
<th>Activity</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
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<td>0812</td>
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<td>YOUNG P</td>
<td>TBA</td>
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</table>

**Accounting**

Business & Social Sciences: (650) 949-7322 www.foothill.edu/bss/

Seven accounting certificates of completion are offered. For information, access www.foothill.edu/bss.

**ACTG 1A  FINANCIAL ACCOUNTING I**

Advisory: Eligibility for MATH 220 and ESL 26.

5 hours lecture. (60 total hours per quarter.)

Not Repeatable.

Introduction to accounting information systems for decision making. Original entry and posting, adjusting and closing entries, development of accounting system for computers, internal controls over assets, accounting for monetary assets and inventories, and the relationship among financial statements.

**ACTG 1B  FINANCIAL ACCOUNTING II**

Advisory: Eligibility for MATH 220 and ESL 26.

5 hours lecture. (60 total hours per quarter.)

Not Repeatable.

Continuing study of accounting information system for decision making. Fixed assets and intangible assets, current liabilities, corporations, bonds, investments, statement of cash flows and financial statement analysis.

In general:

- Courses numbered 1–49 transfer to the University of California. Some exceptions apply.
- Always consult or review the Foothill College/UC Transferable Course list at www assistir.org;
- At least one of the courses numbered 1–99 transfer to Cal State;
- All courses numbered 100 and above are not university transferable;
- All courses numbered 200 and above are not college transferable;
- Content credit may be allowed for some courses at the discretion of the transfer university;
- When in doubt about the applicability or transferability of a course, always consult a counselor.

Unless otherwise noted in the schedule, June-Start Summer Session courses run June 11–July 20; July-Start Summer Session courses run July 2–Aug. 11. All courses are Title 5 Degree applicable credit courses unless otherwise noted. All fee payments are due at time of registration. Instructors are not obligated to hold a seat for the student who is enrolled but does not attend the first class meeting. The course listings in this PDF were accurate as of April 23, 2012. Course listing and footnote information may have significantly changed. For the most accurate, current course listings, always access the class schedule.
### Summer Session 2012 Courses

#### ADAPTED PHYSICAL EDUCATION

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course ID</th>
<th>Activity</th>
<th>Time</th>
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<th>Instructor</th>
<th>Location</th>
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<td>10261</td>
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#### ALAP 60X GENERAL CONDITIONING FOR THE DISABLED

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<th>Time</th>
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<td>ALAP-060X-0</td>
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#### ALAP 61X RESISTIVE EXERCISE FOR THE DISABLED

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#### ALAP 62X INDIVIDUALIZED EXERCISE FOR THE DISABLED

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#### ALAP 63X POSTURAL FITNESS FOR THE DISABLED

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<td>SVSC</td>
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</table>

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www.foothill.edu
## Summer Session 2012 Courses

### Anthropology

**Business & Social Sciences**

(650) 949-7322

www.foothill.edu/bss/

For more information about the online anthropology degree, access www.foothillglobalaccess.org/main/aa_anthropology.htm.

### ANTH 1

**INTRODUCTION TO PHYSICAL ANTHROPOLOGY**

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTH 1</td>
<td></td>
<td>4</td>
</tr>
</tbody>
</table>

4 hours lecture. (48 total hours per quarter.)

Not Repeatable.

Survey and investigation of the basic processes of evolution and their application to the development of modern humans. Impact of natural selection and genetics on development of new species. Evolutionary processes behind the physical and behavioral development of primates. History of the human lineage by reconstructing the fossil record, using investigations by paleoanthropologists, geologists, biologists, and archaeologists. Relationship between contemporary biology and behavior, facilitating an understanding of the effect of them upon future humankind.

### ANTH 1L

**PHYSICAL ANTHROPOLOGY LABORATORY**

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTH 1L</td>
<td></td>
<td>1</td>
</tr>
</tbody>
</table>

1 hour lecture-laboratory, 2 hours laboratory. (36 total hours per quarter.)

Not Repeatable.

Introductory laboratory course focusing on scientific methodology to explore/experiment with topics from Anthropology lecture sections. Topics include Mendelian genetics, population genetics, human variability, forensics, medical anthropology, epidemiology, hominid dietary patterns, non-human primates, primate dental and skeletal anatomy, fossil hominids, chronometric dating, environmental challenges to hominids, environmental impact of hominid behavior, general methodologies utilized in physical anthropological research, and the general study of hominids as bio-culturally adapting animals.

### ANTH 2A

**CULTURAL ANTHROPOLOGY**

<table>
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<th>Course Number</th>
<th>Title</th>
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<tbody>
<tr>
<td>ANTH 2A</td>
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</tbody>
</table>

4 hours lecture. (48 total hours per quarter.)

Not Repeatable.

Introduction to the study of human culture and the concepts, theories, and methods used in the comparative study of sociocultural systems. Subjects include subsistence, political organization, language, kinship, religion, social inequality, ethnicity, gender, and culture change. Discussion of anthropological perspectives to contemporary issues.

### ANTH 3

**PREHISTORY: THE SEARCH FOR LOST CIVILIZATIONS**

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTH 3</td>
<td></td>
<td>4</td>
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</tbody>
</table>

4 hours lecture. (48 total hours per quarter.)

Not Repeatable.

Survey of world prehistory as reconstructed by archaeologists. Human culture history from Stone Age beginnings to establishment and collapse of the world’s first major civilizations. Covers societies from Asia and Africa to Europe and the Americas. Introduction to archaeological methods and interpretation. First use of tools, social complexity, urbanization, domestication of plants and animals, and the rise and fall of civilizations.

### ANTH 4

**FIRST PEOPLES OF NORTH AMERICA**

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Title</th>
<th>Units</th>
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<tbody>
<tr>
<td>ANTH 4</td>
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<td>4</td>
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</tbody>
</table>

4 hours lecture. (48 total hours per quarter.)

Not Repeatable.

Survey of Native American societies and cultures, north of Mexico, from a cultural perspective. Includes social organization, economics, technology and belief systems. Historic and current relationship between Native societies and the Government and the Native Americans. Contemporary issues of Native American communities.

### ANTH 5

**MAGIC, SCIENCE & RELIGION**

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Title</th>
<th>Units</th>
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</thead>
<tbody>
<tr>
<td>ANTH 5</td>
<td></td>
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</tbody>
</table>

4 hours lecture. (48 total hours per quarter.)

Not Repeatable.

Explores the ways in which people have attempted to gain mastery over the natural and supernatural worlds beginning with prehistoric times and concluding with modern day society and the contemporary world. Cross-cultural study of the beliefs about the nature of reality, spirituality, death, magic, science and healing.

### ANTH 6

**ANTHROPOLOGY LABORATORY**

<table>
<thead>
<tr>
<th>Course Number</th>
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</thead>
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<tr>
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For information on how to begin.

### ANTH 8

**INTRODUCTION TO ARCHAEOLOGY**

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<thead>
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<th>Course Number</th>
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<tr>
<td>ANTH 8</td>
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</table>

4 hours lecture. (48 total hours per quarter.)

Not Repeatable.

Introduction to the historical development, theory and techniques of archaeological research and fieldwork. Development of comparative approach to the study of ancient cultures. Focus on cultural resource management, survey and selection of field sites, dating, excavation, artifact classification, interpretation of data and written analysis.

### ANTH 8L

**ARCHAEOLOGY LABORATORY**

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<tr>
<td>ANTH 8L</td>
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Advisory: Enrollment is limited to six times within the ANTH 8L group; UC transferability is limited to 3 units maximum for ANTH 8L, 8LX & 8LY.

3 hours laboratory for each unit of credit. (36 total hours per quarter.)

May be taken six times for credit.

Laboratory methods and techniques of archaeology, including cataloging, care and analysis of artifacts, bone recognition, and archaeological excavation.

### ANTH 11

**ARCHAEOLOGICAL FIELD METHODS**

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</table>

Advisory: Completion of, or concurrent enrollment in ANTH 11.

1 hour lecture, 9 hours laboratory. (120 total hours per quarter.)

Units required, to include ANTH-8L.-01, ANTH-011.-01, ANTH-11B.-01, ANTH-012.-01

Not Repeatable.

Introduction to archaeological methods and fieldwork. Development of comparative approach to the study of ancient cultures. Focus on cultural resource management, survey and selection of field sites, dating, excavation, artifact classification, interpretation of data and written analysis.

### ANTH 11B

**ARCHAEOLOGICAL FIELD METHODS**

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</table>

1 hour lecture, 3 hours laboratory. (12 total hours per quarter.)

Not Repeatable.

Introduction to archaeological methods and fieldwork. Development of comparative approach to the study of ancient cultures. Focus on cultural resource management, survey and selection of field sites, dating, excavation, artifact classification, interpretation of data and written analysis.
### Summer Session 2012 Courses

#### ART

**Fine Arts & Communication**

(650) 949-7584

www.foothill.edu/fa/

See Graphic & Interactive Design courses in printmaking, books as art, and digital video. See ART 2A-E, 3 and 14 for courses in art history. Courses listed on transcript with an "S" suffix are the first half of the course, “T” indicates the second half. Classes meet six weeks unless otherwise indicated.

**ART 1**

**INTRODUCTION TO ART**

4.5 Units

4 hours lecture, 1.5 hours laboratory. (66 total hours per quarter.)

Not Repeatable.

An introduction to new ways of thinking about the visual arts, including examinations of the visual elements and artistic media, particularly as they contribute to the development of visual literacy. Includes analysis of western and non-western traditions in the visual arts within a social and historical context.

**CRN** 10238 **ART-001-01W** LEC TBA TBA REID ONLINE ONLINE ART-001-01W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/ fga/ for information on how to begin. Course meets UC/CSU area 3 Arts & Humanities transfer requirements (IGETC) and CSU area C-1 General Education (breadth requirements) and Foothill College General Education Graduation Requirements in Humanities for the AS/AS Degree.

**CRN** 10239 **ART-001-02W** LAB TBA TBA REID ONLINE ONLINE ART-001-02W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/ fga/ for information on how to begin. Course meets UC/CSU area 3 Arts & Humanities transfer requirements (IGETC) and CSU area C-1 General Education (breadth requirements) and Foothill College General Education Graduation Requirements in Humanities for the AS/AS Degree.

**ART 2B**

**HISTORY OF WESTERN ART FROM THE MIDDLE AGES TO THE RENAISSANCE**

4.5 Units

4 hours lecture, 1.5 hours laboratory. (66 total hours per quarter.)

Not Repeatable.

A History of Western art from ca. 600 through ca. 1600. This course examines the Middle Ages and the Renaissance using images, objects, and architecture to develop a comprehensive understanding of the social, political, and religious forces that shaped this period. Illustrated lectures and readings.

**CRN** 10276 **ART-002B-01W** LAB TBA TBA PENNINGTON ONLINE ONLINE ART-002B-01W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/ fga/ for information on how to begin. Course meets UC/CSU area 3 Arts & Humanities transfer requirements (IGETC) and CSU area C-1 General Education (breadth requirements) and Foothill College General Education Graduation Requirements in Humanities for the AS/AS Degree.

**ART 4A**

**DRAWING I**

4 Units

3 hours lecture, 3 hours laboratory. (72 total hours per quarter.)

Not Repeatable.

In-depth theory and practice of drawing: great works of historical drawings will be studied in relation to value, line, form, space and composition. In this course students will analyze form and incorporate value, the concepts of light and shadow patterns, linear perspective, proportion and composition in the practice of charcoal drawing.

**CRN** 10283 **ART-004A-02** LEC 9:00 AM-10:50 AM MTW LUM 1602 LAB 10:50 AM-12:50 PM MTW LUM 1602 **CRN** 10016 **ART-004A-03W** LAB TBA TBA CIMENT ONLINE ONLINE ART-004A-03W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/ fga/ for information on how to begin.

**ART 4B**

**DRAWING II**

4 Units

3 hours lecture, 3 hours laboratory. (72 total hours per quarter.)

Not Repeatable.

In-depth theory and practice of intermediate level drawing. Multiple historical and contemporary approaches related to intermediate-level drawing, building on fundamental drawing skills to develop personalized style, subject matter, color theory, composition and color drawing.

**CRN** 10628 **ART-004B-01** LAB TBA TBA CIMENT ONLINE ONLINE ART-004B-01: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/ fga/ for information on how to begin.
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<td>ART 4E</td>
<td>PORTRAIT DRAWING</td>
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<tr>
<td>ART 5A</td>
<td>BASIC TWO-DIMENSIONAL DESIGN</td>
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<td>ART 5B</td>
<td>THREE-DIMENSIONAL DESIGN</td>
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<td>ART 19A</td>
<td>PAINTING I</td>
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<td>ART 25X</td>
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<td>BEGINNING CERAMICS POTT'S WHEEL</td>
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<td>ART 10A</td>
<td>GENERAL ASTRONOMY: SOLAR SYSTEM</td>
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**ASTRONOMY**

Physical Sciences, Mathematics & Engineering  
(650) 949-7259  
www.foothill.edu/ast/

Astronomy

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Evening classes are shaded.

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Unless otherwise noted in the schedule, June-Start Summer Session courses run June 11–July 20; July-Start Summer Session courses run July 2–Aug. 11. All courses are Title 5 Degree applicable credit courses unless otherwise noted. All fee payments are due at time of registration. Instructors are not obligated to hold a seat for the student who is enrolled but does not attend the first class meeting. The course listings in this PDF were accurate as of April 23, 2012. Course listing and footnote information may have significantly changed. For the most accurate, current course listings, always access the class schedule.

www.foothill.edu
### Biology

#### Biological & Health Sciences

Classes meet 6 weeks unless other dates noted. Read class footnote for important additional information.

**BIOL 1C**

**Title:** EVOLUTION, SYSTEMATICS & ECOLOGY

**Units:** 6

**Prerequisite:** BIOL 1B.

**Advisory:** Students taking the biology majors’ sequence (BIOL 1A, 1B, 1C, 1D) are strongly advised to take the sequence in its entirety.

4 hours lecture, 2 hours lecture-laboratory, 4 hours laboratory. (120 total hours per quarter.)

**Not Repeatable.**

Principles of evolutionary theory, classification of organisms, and basic ecology. Phylogenetic survey of the major groups of organisms (bacteria, archaea, protists, plants, animals and fungi) and their evolutionary history. Intended for biology majors.

**BIOL 8**

**Title:** BASIC NUTRITION

**Units:** 5

**Advisory:** MATH 20D; eligibility for ENGL 1A.

5 lecture hours, 60 total lecture hours per quarter.

**Not Repeatable.**


**BIOL 10**

**Title:** GENERAL BIOLOGY: BASIC PRINCIPLES

**Units:** 5

4 hours lecture, 1 hour lecture-laboratory, 2 hours laboratory. (84 total hours per quarter.)

**Not Repeatable.**

Methods of science and basic principles of biology. Special emphasis on genetics, ecology, overpopulation, nutrition and disease prevention.

**BIOL 40A**

**Title:** HUMAN ANATOMY & PHYSIOLOGY I

**Units:** 5

**Prerequisite:** High school biology or BIOL 10 or 14 or equivalent; high school chemistry or CHEM 30A or equivalent.

Advisory: ENGL 1A, ESL 26 or equivalent.

4 hours lecture, 1 hour lecture-laboratory, 2 hours laboratory. (84 total hours per quarter.)

**Not Repeatable.**

Basic human anatomy and physiology. Emphasis on integration of systems and homeostatic mechanisms. Physical and chemical basis of life, histology and integumentary, skeletal and muscular systems. Designed for majors that require fundamental background in human anatomy and physiology. Completion of this course is required for BIOL 40B.

**BIOL 40B**

**Title:** HUMAN ANATOMY & PHYSIOLOGY II

**Units:** 5

**Prerequisite:** BIOL 40A or equivalent.

Advisory: CHEM 10A or other science

Anatomy and physiology of the nervous system, cardiovascular system and respiratory system. Completion of this course is required for BIOL 20.

Unless otherwise noted in the schedule, **June-Start Summer Session courses run June 11—July 20; July-Start Summer Session courses run July 2—Aug. 11. All courses are Title 5 Degree applicable credit courses unless otherwise noted. All fee payments are due at time of registration. Instructors are not obligated to hold a seat for the student who is enrolled but does not attend the first class meeting. The course listings in this PDF were accurate as of April 23, 2012. Course listing and footnote information may have significantly changed. For the most accurate, current course listings, always access the class schedule, www.foothill.edu.**

**Summer Session 2012 Courses**

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**Biology**

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### Business & Social Sciences

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### Anatomy and Physiology III

**Course Number:** BIOL 40C

**Units:** 5

**Prerequisite:** BIOL 40B or equivalent

**Description:**
- 4 hours lecture, 1 hour lecture-laboratory, 2 hours laboratory. (84 total hours per quarter.)
- Not Repeatable.

**Course Number:** BIOL 41

**Units:** 6

**Prerequisite:** High school chemistry or CHEM 30A.

**Advisory:** ESL 25 and 253; critical reading skills and knowledge of English sentence structure; ability to comprehend spoken English in academic context.

**Description:**
- 4 hours lecture, 2 hours lecture-laboratory. (120 total hours per quarter.)
- Not Repeatable.

---

### Introduction to Human Nutrition

**Course Number:** BIOL 45

**Units:** 4

**Prerequisite:** CHEM 30A or 1 year of high school chemistry.

**Advisory:** ENGL 1A or ESL 26.

**Corequisite:** Completion of or concurrent enrollment in BIOL 40C.

**Description:**
- 4 hours lecture. (48 total hours per quarter.)
- Not Repeatable.


---

### Introduction to Microbiology

**Course Number:** BIOL 42

**Units:** 4

**Prerequisite:** BIOL 40B or equivalent

**Advisory:** Not open to students with credit in BUSI 81.

**Description:**
- 4 hours lecture. (48 total hours per quarter.)
- Not Repeatable.

Introduction to computer hardware and software and popular operating systems. Hands-on experience in the use of word processing software, spreadsheet software, presentation graphics software, database software and communications software. Not Repeatable.

**Prerequisite:** High school chemistry or CHEM 30A.

---

### Principles of Advertising

**Course Number:** BUSI 57

**Units:** 4

**Advisory:** Not open to students with credit in ADVT 57 or BUSI 81.

**Description:**
- 4 hours lecture. (48 total hours per quarter.)
- Not Repeatable.

Contemporary marketing developments and applications relative to business activities that determine customer demand for products and services. Focus on market planning strategy, determining the right product, price, distribution and promotion elements and evaluating the results of effective marketing decision-making from both a marketer’s and a consumer’s perspective. Not Repeatable.
Course Number  Title  Units

BUSI 95  ENTREPRENEURSHIP - SMALL BUSINESS MANAGEMENT 4 Units
4 hours lecture. (48 total hours per quarter.)
Not Repeatable.
Creating, managing and profiting from a small business. For potential or present entrepreneurs. Emphasis on organization and operation of a small business including problems of raising capital, establishing an effective marketing plan, and directing and motivating employees.

10855 BUSI-095.-01  LEC 12:30 PM-02:20 PM MWTWH WONG 5615

CRLP 73  EFFECTIVE RESUME WRITING 1 Unit
Advisory: Concurrent enrollment in CRLP 70 is highly recommended to assist with your analytic and study skills in Chemistry. Internet access and B&W printing required. Color printing recommended. Additional costs for online materials or content in place of or in addition to a textbook may be required.

CRLP 70  SELF-ASSESSMENT 3 Units
3 hours lecture. (36 total hours per quarter.)
Not Repeatable.
Exploration of individual skills, interests, values, and personality style as they relate to career choice. Includes testing, values clarification, skill identification, lifestyle assessment, decision making and goal-setting techniques.

10866 CRLP-070.-01L  LEC 8:00 AM–9:15 AM MTWTh LIU 5617

CHEM 1A  GENERAL CHEMISTRY 5 Units
Prerequisite: CHEM 1A.
3 hours lecture, 2 hours lecture-laboratory, 4 hours laboratory. (108 total hours per quarter.)
Not Repeatable.
Kinetic molecular theory and gas laws, intermolecular forces, chemical kinetics, equilibria, behavior of acids and bases, acid/base equilibrium, and classical thermodynamics. Laboratory parallels lecture topics and includes computer graphing techniques, chemical kinetics, equilibrium measurements, heat transfer experiments, thermodynamics of an equilibrium system, vapor pressure of liquids.

CHEM 1B  GENERAL CHEMISTRY 5 Units
Prerequisite: CHEM 1A.
3 hours lecture, 2 hours lecture-laboratory, 4 hours laboratory. (108 total hours per quarter.)
Not Repeatable.
Kinetic molecular theory and gas laws, intermolecular forces, chemical kinetics, equilibria, behavior of acids and bases, acid/base equilibrium, and classical thermodynamics. Laboratory parallels lecture topics and includes computer graphing techniques, chemical kinetics, equilibrium measurements, heat transfer experiments, thermodynamics of an equilibrium system, vapor pressure of liquids.

CHEM 1C  GENERAL CHEMISTRY & QUALITATIVE ANALYSIS 5 Units
Prerequisite: CHEM 1A.
3 hours lecture, 2 hours lecture-laboratory, 4 hours laboratory. (108 total hours per quarter.)
Not Repeatable.
Aqueous ionic equilibria of buffers, solubility product constants and formation constants; properties of solutions including factors affecting solubility, energy changes in the solution process and colligative properties; electrochemistry including the thermodynamics of voltaic cells; introduction to coordination chemistry and bonding theory; nuclear chemistry with emphasis on applications; and, time permitting, an introduction to modern materials. Laboratory parallels lecture topics with an introduction to qualitative inorganic analysis.

CHEM 1D  ORGANIC CHEMISTRY 6 Units
Prerequisite: CHEM 12B.
4 hours lecture, 2 hours lecture-laboratory, 4 hours laboratory. (120 total hours per quarter.)
Not Repeatable.
A continuation of a cumulative sophomore-level course describing the reactivity of organic (carbon containing) compounds including biomolecules such as proteins and carbohydrates. Continued emphasis on structure-reactivity relationships, mechanisms of functional group transformations, and methods of synthesis, purification, isolation and characterization of target organic molecules. For biological science, chemistry, chemical engineering, pre-professional students in dentistry, medicine, pharmacy, veterinary medicine and other interested students who have mastered the prerequisites.
### Summer Session 2012 Courses

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### Child Development

**Child Development**

Business & Social Sciences  
(650) 949-7322  
www.foothill.edu/ss


For more information, access www.foothill.edu/ss

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### Child Growth & Development

**Child Growth & Development**

5 Units  
Not Repeatable.

Development of the child from prenatal life through adolescence. In-depth study of the physical, cognitive, language and social-emotional development of children from infancy through adolescence. Observation of children required.

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### Principles & Practices of Teaching Young Children

4 Units  
Not Repeatable.

An examination of the underlying theoretical principles of developmentally appropriate practices applied to early childhood programs and environments. Emphasis on key role of relationships, constructive adult-child interactions, and teaching strategies in supporting physical, social, creative and intellectual development of the child.

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### Planning Creative Art Activities for Children

1 Unit  
Not Repeatable.

Introduction to a variety of creative art activities for the young child. Exploration of a variety of tactile arts including paint, chalk, play dough, collage and crayons. Emphasis on developmentally appropriate curriculum development that encourages children's imagination, creative thinking and self-expression.

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### Literacy & Literature in Early Childhood Education

3 Units  
Not Repeatable.

Introduction to literature for children from birth through age 8. Emphasis on selection, evaluation and classroom use of literature to support literacy in children. The development of experiences and activities for young children which promote oral and written language abilities will also be discussed.

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### Child, Family & Community

4 Units  
Not Repeatable.

An examination of the developing child in a societal context focusing on interrelationship of family, school, and community and emphasizes historical and sociocultural factors.

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### Child Growth & Development

5 Units  
Not Repeatable.

Four hours lecture, four hours laboratory. (84 total hours per quarter.)

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### Child, Family & Community

4 Units  
Not Repeatable.

Four hours lecture. (48 total hours per quarter.)

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### Planning Creative Art Activities for Children

1 Unit  
1 hour lecture. (12 total hours per quarter.)

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### Literacy & Literature in Early Childhood Education

3 Units  
3 hours lecture. (36 total hours per quarter.)

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### Child, Family & Community

4 Units  
48 hours lecture. (48 total hours per quarter.)

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COMM 1A PUBLIC SPEAKING 5 Units
Formerly: SPCH 1A
Advisory: Eligibility for ENGL 1A or ESL 26, or equivalent; not open to students with credit in COMM 1AH or SPCH 1A.
5 hours lecture. (60 total hours per quarter.)
Not Repeatable.
Introduction to the analysis, theory and history of rhetoric and public address; application of principles of public address to the preparation and delivery of public speeches.

CIS 1 INTRODUCTION TO COMPUTER SCIENCE 5 Units
Advisory: MATH 220 or ENGL 1A or ESL 26.
4 hours lecture, 4 hours laboratory. (96 total hours per quarter.)
Not Repeatable.
Provides a broad overview of the field of computer science and an introduction to software engineering. Introduces hardware, software, information systems, software development and networking. Uses a subset of a programming language to study programming and problem solving.

CIS 10 INTRODUCTION TO BUSINESS INFORMATION SYSTEMS 5 Units
Formerly: CIS 60
Advisory: MATH 220 or equivalent; eligibility for ENGL 1A or ESL 26; not open to students with credit in CIS 60.
4 hours lecture, 4 hours laboratory. (96 total hours per quarter.)
Not Repeatable.
Introduction to the concepts of business information systems especially as used in business and similar organizations. Covers the need for information, how computers are used in business to provide information, elements of computer hardware and software, software development, data storage and communication, programming concepts, and the social impact of computers. Hands-on introduction to personal productivity software such as word processing, spreadsheet, database, and presentation applications.

UNLESS OTHERWISE NOTED IN THE SCHEDULE, JUNE-START SUMMER SESSION COURSES RUN JUNE 11–JULY 20; JULY-START SUMMER SESSION COURSES RUN JULY 2–AUG. 11. ALL COURSES ARE TITLE 5 DEGREE APPLICABLE CREDIT COURSES UNLESS OTHERWISE NOTED. ALL FEE PAYMENTS ARE DUE AT TIME OF REGISTRATION. INSTRUCTORS ARE NOT OBLIGATED TO HOLD A SEAT FOR THE STUDENT WHO IS ENROLLED BUT DOES NOT ATTEND THE FIRST CLASS MEETING. THE COURSE LISTINGS IN THIS PDF WERE ACCURATE AS OF APRIL 23, 2012. COURSE LISTING AND FOOTNOTE INFORMATION MAY HAVE SIGNIFICANTLY CHANGED. FOR THE MOST ACCURATE, CURRENT COURSE LISTINGS, ALWAYS ACCESS THE CLASS SCHEDULE.
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<tr>
<td>CIS 12A</td>
<td>Fundamentals of Visual Basic.NET Programming</td>
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Advisory: MATH 220.  
4 hours lecture, 4 hours laboratory. (96 total hours per quarter.)  
Not Repeatable.  
Introduction to computer programming using the Visual Basic.NET Language; provides an overview of computer organization and an introduction to software engineering. Topics include methodologies for program design, development, style, testing and documentation; algorithms, control structures, objects, classes, file I/O, and elementary data structures.  
10043 | CIS -012A-02W | LAB | TBA | TBA | STAFF | ONLINE |
10043 | CIS -012A-02W | LAB | TBA | TBA | STAFF | ONLINE |
10043 | CIS -012A-02W | LAB | TBA | TBA | STAFF | ONLINE |
10043 | CIS -012A-02W | LAB | TBA | TBA | STAFF | ONLINE |

CIS 15A | Computer Science I: C++ | 5 |

Advisory: MATH 220.  
4 hours lecture, 4 hours laboratory. (96 total hours per quarter.)  
Not Repeatable.  
Introduces the discipline of computer science using the C++ language; provides an overview of computer organization and an introduction to software engineering. Topics include methodologies for program design, development, style, testing and documentation, and object oriented design; algorithms, control structures, sub-programs, elementary data structures.  
10044 | CIS -015A-01Y | LEC | 8:30 AM-10:20 AM | MTWTh | STAFF | 8401 |
10044 | CIS -015A-01Y | LAB | TBA | TBA | STAFF | ONLINE |

CIS 19A | Introduction to Programming with C# | 5 |

Advisory: CIS 12A or 15A or 27A.  
4 hours lecture, 4 hours laboratory. (96 total hours per quarter.)  
Not Repeatable.  
Introduction to programming using the C# language. C# is a new programming language which was developed expressly for the .NET platform. C# has now become the exclusive language used by Microsoft for all of its internal development. This course provides an introduction to basic object oriented programming constructs from the point of view of C#. Students will learn how to build both console and Windows forms based applications.  
10045 | CIS -019A-01W | LEC | TBA | TBA | STAFF | ONLINE |
10045 | CIS -019A-01W | LEC | TBA | TBA | STAFF | ONLINE |
10045 | CIS -019A-01W | LEC | TBA | TBA | STAFF | ONLINE |
10045 | CIS -019A-01W | LEC | TBA | TBA | STAFF | ONLINE |

CIS 27A | Computer Science I: Java | 5 |

Advisory: MATH 220.  
4 hours lecture, 4 hours laboratory. (96 total hours per quarter.)  
Not Repeatable.  
Introduces the discipline of computer science using the Java language; provides an overview of computer organization and an introduction to software engineering. Topics include methodologies for program design, development, style, testing and documentation; algorithms, control structures, sub-programs, objects, and elementary data structures.  
10064 | CIS -027A-04W | LEC | TBA | TBA | STAFF | ONLINE |
10064 | CIS -027A-04W | LEC | TBA | TBA | STAFF | ONLINE |
10064 | CIS -027A-04W | LEC | TBA | TBA | STAFF | ONLINE |
10064 | CIS -027A-04W | LEC | TBA | TBA | STAFF | ONLINE |

CIS 52A | Introduction to Data Management Systems | 5 |

Advisory: CIS 10 or 50A.  
4 hours lecture, 4 hours laboratory. (96 total hours per quarter.)  
Not Repeatable.  
Introduction to database systems and data management. Topics include database definitions and concepts, data models, relational database, client/server database, distributed database, object-oriented database, business intelligence and data warehouses, transaction management and concurrency control, database administration and security, database connectivity and web technologies, database performance, databases in e-commerce, and hands-on experience with a database management system.  
10968 | CIS -052A-01W | LEC | TBA | TBA | STAFF | ONLINE |
10968 | CIS -052A-01W | LEC | TBA | TBA | STAFF | ONLINE |
10968 | CIS -052A-01W | LEC | TBA | TBA | STAFF | ONLINE |
10968 | CIS -052A-01W | LEC | TBA | TBA | STAFF | ONLINE |

CIS 52B | Oracle SQL | 5 |

4 hours lecture, 4 hours laboratory. (96 total hours per quarter.)  
Not Repeatable.  
Introduction to Oracle 11g Structured Query Language used in querying single and multiple tables, manipulating data in tables, and creating database objects in a relational database. Students will gain essential SQL skills through hands-on exercises that reinforce SQL fundamental concepts. This course prepares students to take the Oracle Certified Associate exam and the Oracle Certified Professional exam.  
10048 | CIS -052B-02W | LEC | TBA | TBA | STAFF | ONLINE |
10048 | CIS -052B-02W | LEC | TBA | TBA | STAFF | ONLINE |
10048 | CIS -052B-02W | LEC | TBA | TBA | STAFF | ONLINE |
10048 | CIS -052B-02W | LEC | TBA | TBA | STAFF | ONLINE |

CIS 52N | PHP & MySQL | 5 |

4 hours lecture, 4 hours laboratory. (96 total hours per quarter.)  
Not Repeatable.  
Students learn how to code PHP and MySQL languages used to generate powerful, database-driven, dynamic Web sites. This course covers the rudiments of PHP programming, including the anatomy of a PHP script, data types, operators, strings, conditionals, loops, arrays, functions, forms, files and directories; and MySQL capabilities, including MySQL command-line options, connecting to the database, and integration of PHP and MySQL.  
10969 | CIS -052N-01W | LEC | TBA | TBA | STAFF | ONLINE |
10969 | CIS -052N-01W | LEC | TBA | TBA | STAFF | ONLINE |
10969 | CIS -052N-01W | LEC | TBA | TBA | STAFF | ONLINE |
10969 | CIS -052N-01W | LEC | TBA | TBA | STAFF | ONLINE |

CIS 68A | Introduction to Linux & Unix | 5 |

Advisory: CIS 50A or equivalent.  
4 hours lecture, 4 hours laboratory. (96 total hours per quarter.)  
Not Repeatable.  
An introduction to the Linux and UNIX operating systems, primarily focused on command line usage. Covers the kernel, file systems, shells and user utilities. Also introduces students to the fundamentals of shell programming, processes, communications, and basic security.  
10971 | CIS -068A-02W | LEC | TBA | TBA | STAFF | ONLINE |
10971 | CIS -068A-02W | LEC | TBA | TBA | STAFF | ONLINE |
10971 | CIS -068A-02W | LEC | TBA | TBA | STAFF | ONLINE |
10971 | CIS -068A-02W | LEC | TBA | TBA | STAFF | ONLINE |

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### Computer Networking & Electronics

Department offers a comprehensive A5 degree in Enterprise Networking, as well as certificates in CCNA, CCNP, MCSA, MCSE, Wireless and Network Security. Review the department Web site for more information.

#### CNET 54A
**Networking Fundamentals & The TCP/IP Protocol Suite** (CCNA I)

- **Advisory:** CNET 50.
- **Units:** 5
- **Time:** 4 hours lecture, 4 hours laboratory.
- **Registration:** 96 total hours per quarter.
- **May be taken three times for credit.**

This course is designed to provide students with classroom and laboratory experience in current and emerging networking technologies. Instruction includes networking, network terminology, cabling, cabling tools, network protocols, network standards, the OSI model, LANs, WANs, routers, network topology, IP addressing, TCP, and network standards. This is the first course in the Cisco Networking Academy Program. This program will prepare students for the Cisco Certified Networking Associate (CCNA) exam.

#### CNET 54B
**Routing Protocols & Concepts** (CCNA II)

- **Advisory:** CNET 54A or equivalent.
- **Units:** 5
- **Time:** 4 hours lecture, 4 hours laboratory.
- **Registration:** 96 total hours per quarter.
- **May be taken three times for credit.**

This course is an introduction to router and routing concepts and terminology including distance vector and link state routing, RIPv1 and RIPv2, IGRP and ISGP metric calculations, routing loop issues, routing theory, router I0S, and basic router configuration, scenario analysis and troubleshooting, and additional topics such as classless routing, contiguous subnets, and Access Control Lists. The course also reviews TCP/IP basics, and IP addressing. This is the second course in the Cisco Networking Academy Program; it is designed to provide students with classroom and laboratory experience in current and emerging networking technology that will prepare them for the Cisco Certified Networking Associate (CCNA) exam.

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### Computing on the Internet

Department offers an A5 degree in Internet Technology. It features e-commerce, Web administration, Web programming and Web publishing emphases. Review department Web page or contact the division office for more information.

#### COIN 61
**Publishing on the Web Using HTML/XHTML**

- **Advisory:** CIS 50A or equivalent; COIN 51.
- **Units:** 5
- **Time:** 4 hours lecture, 4 hours laboratory.
- **Registration:** 96 total hours per quarter.
- **May be taken three times for credit.**

Introduction to electronic publishing on the Web using HTML and XHTML using current standards. Students will produce a validated multi-page Web site with image, text, and links; tables, frames, forms and simple multimedia. Students will upload and modify documents to a web server, understand client interactions, and planning, designing, testing and maintaining of a Web site. This course is based on knowledge of basic Internet and Web applications.

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### Computers & Software Training

Department offers an A5 degree in Interactive & Multimedia Technologies. In addition, certificates are offered in this technology as well as Web-based multimedia. For more information, review Web page or call the division office.

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<td>COIN 74A</td>
<td>WEB PUBLISHING TOOLS: DREAMWEAVER BASICS</td>
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<tr>
<td>COIN 82</td>
<td>IMAGES FOR THE WEB</td>
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<td>CWE 56</td>
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<td>TBA</td>
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<td>URRUTIA 1945</td>
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</table>

**COUNSELING**

Counseling & Student Services  
(650) 949-7296  
www.foothill.edu/transfer/counseling.html

Appointments: (650) 949-7423  
Information: (650) 949-7296

All CNSL 50 classes meet the first 6 weeks of the quarter unless otherwise noted. It is recommended that the student complete math and English assessments before entering the CNSL 50 classes.

**COOPERATIVE WORK EXPERIENCE EDUCATION**

Business & Social Sciences  
(650) 949-7205  
www.foothill.edu/coop

CWE 55 OCCUPATIONAL WORK EXPERIENCE  
Prerequisite: Student must be working in a job related to a declared occupational, vocational or educational goal. 50 hours of paid employment per quarter for each unit of credit is required.

Five hours laboratory. (60 total hours per quarter.)

The CWE program promotes on-the-job learning experiences for students employed in a job
related vocational, occupational, or educational major. The program reinforces students to apply academic knowledge and theory gained from college course work to the workplace. The work experience will increase the students’ awareness of cultural, global, and generational diversity in the work environment in addition to building communication, problem-solving, interpersonal and transferable skills. A proactive approach towards a student’s career decision making process will be implemented by the development of concrete and measurable learning objectives.

COOP Applications:  
Contact Beckie Urrutia-Lopez at office 1945, Adm Bldg, Phone (650) 949-7296, urrutiabeckie@foothill.edu for information on how to begin.

**SUMMER SESSION 2012 COURSES**

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CRWR 6 INTRODUCTION TO CREATIVE WRITING 5 Units

Prerequisite: Eligibility for ENGL 1A.
5 hours lecture. (60 total hours per quarter.)
Not Repeatable.

EXPLORE WORKSHOPS TO EXPAND WRITING SKILLS.

CNSL 86 INTRODUCTION TO LEADERSHIP 1.5 Units

Advisory: Eligibility for ENGL 110 or ESL 25; Affiliation with student government or other campus leadership position.
1 hour lecture, 2 hours laboratory. (36 total hours per quarter.)
Not Repeatable.

Introduction to the dynamics of working groups and the impact of leadership on the effectiveness of groups; examination of the linkage between concepts and theories of leadership to the everyday functioning of student organizations. Affiliation with student government or other campus leadership position required.

DANCE

Physical Education
(650) 949-7741

www.foothill.edu/dance

DANC 1A FUNDAMENTALS OF BALLET I 1 Unit

3 hours laboratory. (36 total hours per quarter.)
May be taken six times for credit.
### Summer Session 2012 Courses

#### Course Number CRN Course ID Activity Title Time Days Instructor Location

<table>
<thead>
<tr>
<th>Course Number</th>
<th>CRN</th>
<th>Course ID</th>
<th>Activity</th>
<th>Title</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
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<tbody>
<tr>
<td>D H 62A</td>
<td>10832</td>
<td>DANC-001A-01</td>
<td>LAB</td>
<td>CLINICAL DENTAL HYGIENE I</td>
<td>9:00 AM-11:50 AM</td>
<td>MW</td>
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<td>2504</td>
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<tr>
<td>DANC 1B</td>
<td>10833</td>
<td>DANC-001B-01</td>
<td>LAB</td>
<td>FUNDAMENTALS OF BALLET II</td>
<td>9:00 AM-11:50 AM</td>
<td>MW</td>
<td>DILEONARDO</td>
<td>2504</td>
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<tr>
<td>DANC 4</td>
<td>10063</td>
<td>DANC-004-01</td>
<td>LAB</td>
<td>BALLROOM &amp; SOCIAL DANCE</td>
<td>1:15 PM-5:30 PM</td>
<td>S</td>
<td>FRANKEL</td>
<td>2507</td>
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<td>DANC 5</td>
<td>10545</td>
<td>DANC-005-01</td>
<td>LAB</td>
<td>WORLD DANCE</td>
<td>10:10 AM-12:15 PM</td>
<td>TTh</td>
<td>FRANKEL</td>
<td>MCPAV</td>
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<tr>
<td>DANC 10</td>
<td>10066</td>
<td>DANC-010-01W</td>
<td>LEC</td>
<td>TOPICS IN DANCE HISTORY</td>
<td>TBA</td>
<td>TBA</td>
<td>SHEWFELT</td>
<td>ONLINE</td>
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<tr>
<td>D H 200L</td>
<td>10981</td>
<td>D H-200L-01W</td>
<td>LEC</td>
<td>INTRODUCTION TO DENTAL HYGIENE</td>
<td>TBA</td>
<td>TBA</td>
<td>LEICHT</td>
<td>ONLINE</td>
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### Diagnostic Medical Sonography

#### Course Number CRN Course ID Activity Title Time Days Instructor Location

<table>
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<tr>
<th>Course Number</th>
<th>CRN</th>
<th>Course ID</th>
<th>Activity</th>
<th>Title</th>
<th>Time</th>
<th>Days</th>
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<th>Location</th>
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<tr>
<td>DMS 52B</td>
<td>10067</td>
<td>DMS-052B-01</td>
<td>LEC</td>
<td>PHYSICAL PRINCIPLES OF DIAGNOSTIC MEDICAL SONOGRAPHY II</td>
<td>5:00 PM-6:50 PM</td>
<td>M</td>
<td>SANDOVAL</td>
<td>6707</td>
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<tr>
<td>DMS 53C</td>
<td>10068</td>
<td>DMS-053C-01Y</td>
<td>LAB</td>
<td>DIAGNOSTIC MEDICAL SONOGRAPHY III</td>
<td>12:00 PM-1:00 PM</td>
<td>M</td>
<td>AUSTIN</td>
<td>6707</td>
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<tr>
<td>DMS 55A</td>
<td>10069</td>
<td>DMS-055A-01Y</td>
<td>LAB</td>
<td>OBSTETRICS I</td>
<td>5:30 PM-8:45 PM</td>
<td>M</td>
<td>SPRAGGE</td>
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### Dental Hygiene

#### Course Number CRN Course ID Activity Title Time Days Instructor Location

<table>
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<tr>
<th>Course Number</th>
<th>CRN</th>
<th>Course ID</th>
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<th>Title</th>
<th>Time</th>
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<tr>
<td>D H 50</td>
<td>10977</td>
<td>D H-050-01Y</td>
<td>LAB</td>
<td>ORIENTATION TO DENTAL HYGIENE</td>
<td>9:00 AM-11:50 AM</td>
<td>MW</td>
<td>DILEONARDO</td>
<td>2504</td>
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### ECONOMICS

#### Business & Social Sciences

- **EMT 303**  
  **EMERGENCY MEDICAL TECHNICIAN: BASIC CONTINUING EDUCATION**  
  **Units:** 1.5  
  **Prerequisite:** Students must either possess a current EMT-1 certificate or a certification that has been expired for no more than 24 months (must complete before the end of that month); current certification in American Red Cross CPR-BLS for the Professional Rescuer or American Heart Association CPR for the Healthcare Provider.  
  3 hours lecture-laboratory. (36 total hours per quarter.)  
  Not Repeatable.

#### Biomedical Science & Nutrition

- **EMT 304**  
  **EMERGENCY MEDICAL TECHNICIAN: BASIC PART A**  
  **Units:** 3  
  **Prerequisite:** HLTH 55 or First Responder Course or equivalent work experience as determined by the instructor.  
  Advisory: EMT 304 and 305 may not be taken concurrently.  
  7 hours lecture-laboratory. (84 total hours per quarter.)  
  Not Repeatable.

### SUMMER SESSION 2012 COURSES

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course ID</th>
<th>Activity</th>
<th>Title</th>
<th>Time</th>
<th>Days</th>
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**Course Number**  
**Course ID**  
**Activity**  
**Title**  
**Time**  
**Days**  
**Instructor**  
**Location**
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<th>Title</th>
<th>Units</th>
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<tbody>
<tr>
<td>10073</td>
<td>EMT -304.-01: City meets 7/2-8/2. LLISS or First Responder Course* *(Defined as the American Red Cross Emergency Response course. In addition, either the American Red Cross CPR for the Professional rescuer card or the American Red Cross AED for Health Care Professional card must be obtained). Course fee, $35.</td>
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<td>10286</td>
<td>EMT -305.-01: LAB TBA MTWThFS PRIMROSE CLINIC</td>
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<td>10677</td>
<td>EMT -305.-02: LAB TBA MTWThFS PRIMROSE CLINIC</td>
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<td>10075</td>
<td>ENGL-001A-02: Class meets 7/2-8/2.</td>
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<td>10076</td>
<td>ENGL-001A-03: Class meets 7/2-8/2.</td>
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<td>10287</td>
<td>ENGL-001A-03: LEC TBA TBA FONG ONLINE</td>
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<td>10608</td>
<td>ENGL-001A-06: Class meets 7/2-8/2.</td>
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<td>10609</td>
<td>ENGL-001A-07: Class meets 7/2-8/2.</td>
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<td>10670</td>
<td>ENGL-001A-08W: Class meets 7/2-8/2.</td>
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**EMERGENCY MEDICAL TECHNICIAN - PARAMEDIC**

Biological & Health Sciences

(650) 949-6955

www.foothill.edu/bio/programs/paramed/  

There is a selective admission process to enroll in these classes. For an application, call (650) 949-6955. EMTP is an advanced paramedic education program.

**EMTP 64A**  
**PARAMEDIC AMBULANCE FIELD INTERNSHIP I**  
6 Units  
Prerequisite: EMTP 63A & 63B.  
Advisory: Not open to students with credit in EMTP 103A.

30 hours clinic. (360 total hours per quarter.)

Not Repeatable.

Application of paramedic knowledge and skills in the clinical setting as an intern responding on a 911 ambulance to ill and injured patients while being instructed and evaluated by a field preceptor. The student has the task of initiating, providing, and directing entire emergency patient care while under the supervision of a preceptor. This is the first of two ambulance field internships required for certification as an EMT-Paramedic in California.

10355  
EMTP-064A-01: LAB TBA MTWThFS PRIMROSE CLINIC

EMTP-064A-07: Ambulance rotation schedules may vary by assignment.

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**ENGLISH**

Language Arts

(650) 949-7250

www.foothill.edu/la/  

If you plan to enroll for the first time in an English course above ENGL 209, you must first complete an English placement test. Students whose primary language is not English should first take an ESL placement test and complete required ESLL classes before enrolling in English Department classes. Refer to the front of the schedule for placement testing information or call (650) 949-7230.

**ENGL 1A**  
**COMPOSITION & READING**  
5 Units  
Prerequisite: Eligibility based on appropriate assessment information or successful completion of assigned courses in basic reading and writing skills.

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**ENGLISH DEPARTMENT**

www.foothill.edu/la/  

Enrollment Information  

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**English for Second Language Learners**

**Language Arts**  
(650) 949-7250

These courses are designed for students whose native or first language is not English. Students who have never studied English or who do not already speak English with basic conversational ability should enroll in English as a Second Language (ESL) courses offered by the adult education departments of local high school districts. If you plan to enroll for the first time in an ESL course, you are required to take an ESL placement test unless you enroll in the lowest course. Refer to the front of the schedule for testing information or call (650) 949-7230. For information about ESL courses, call (650) 949-7250.

**ESL 25**  
**COMPOSITION & READING**  
5 Units  
**Formerly:** ESL 25  
Prerequisite: Appropriate placement test score or a grade of “C” or better in ESSL 226 and 227; designed for students whose native language is not English.  
Advisory: Completion of, or concurrent enrollment in ESSL 235 strongly recommended; concurrent enrollment in ESSL 246 and/or 247 strongly recommended; not open to students with credit in ESL 25 or 257.  
5 hours lecture. (60 total hours per quarter.)  
Not Repeatable.

Development of critical reading skills using selected readings which present a range of cultural experiences and perspectives. Practice in writing expository essays based on personal experience, observations, and class readings with a review of acceptable English sentence structure. Does not fulfill the composition requirements for the Associate degree.

10221 ESSL-025.-01 LEC 8:00 AM-10:20 AM MWFTH COLLATO 6401  
10396 ESSL-025.-02 LEC 10:30 AM-12:45 PM MWFTH COPP 6403  
10727 ESSL-025.-03 LEC 5:00 PM–8:10 PM WThf STAFF 6301

**ESL 26**  
**ADVANCED COMPOSITION & READING**  
5 Units  
**Formerly:** ESL 26  
Prerequisite: Appropriate placement test score or a grade of “C” or better in ESSL 25; designed for students whose native language is not English.  
Advisory: Concurrent enrollment in ESL 246 and/or 247 strongly recommended; not open to students with credit in ESL 26.  
5 hours lecture. (60 total hours per quarter.)

**Environmental Horticulture & Design**

**Biological & Health Sciences**  
(650) 949-7249  
www.foothill.edu/bio/programs/hort/

**HORT 80**  
**ENVIRONMENTAL HORTICULTURE SKILLS**  
2 Units  
6 hours laboratory. (72 total hours per quarter.)  
May be taken four times for credit.

Additional information about horticulture classes is available at www.foothill.edu/bio/programs/hort/.
### SUMMER SESSION 2012 COURSES

#### GEOGRAPHY

**GEOG 1**  **PHYSICAL GEOGRAPHY**  5 Units  
Advisory: Eligibility for ENGL 1A or ESL26; MATH 220.  
4 hours lecture, 1 hour lecture-laboratory, 2 hours laboratory. (84 total hours per quarter.)  
Not Repeatable.  
Study of the Earth’s surface, including the earth’s dimensions and systems; atmospheric processes; patterns of climate, vegetation and soils; and features, processes and interactions of land, water and various energy sources. Use of maps for interpretation.  
10081  GEOG-001.-01W  LEC  TBA  TBA  CRAM  ONLINE  
GEOG-001.-01W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.  
10082  GEOG-001.-02W  LEC  TBA  TBA  CRAM  ONLINE  
GEOG-001.-02W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.  
10756  GEOG-001.-03W  LEC  TBA  TBA  SENGUPTA  ONLINE  
GEOG-001.-03W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.  
10757  GEOG-001.-04W  LEC  TBA  TBA  HENSON  ONLINE  
GEOG-001.-04W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.  
10758  GEOG-001.-05W  LEC  TBA  TBA  DAVIS  ONLINE  
GEOG-001.-05W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.  

**GEOG 2**  **HUMAN GEOGRAPHY**  4 Units  
Advisory: Eligibility for ENGL 1A or ESL26.  
4 hours lecture. (48 total hours per quarter.)  
Not Repeatable.  
The cultural geographic landscape. Study of the human population from origins to the present with an emphasis on the future. Examination of population densities, migrations and settlements; races, languages and religions; patterns of land use and major environmental perceptions and problems. Analysis of energy, mineral, and food resources and how cultures utilize them.  
10083  GEOG-002.-01W  LEC  TBA  TBA  HANSELL  ONLINE  
GEOG-002.-01W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.  
10759  GEOG-002.-02W  LEC  TBA  TBA  DAVIS  ONLINE  
GEOG-002.-02W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.  

**GEOG 5**  **INTRODUCTION TO ECONOMIC GEOGRAPHY**  4 Units  
Advisory: Eligibility for ENGL 1A or ESL26.  
4 hours lecture. (48 total hours per quarter.)  
Not Repeatable.  
Introduction to the geography of economic activity; the world wide distribution and characteristics of agriculture, forestry, fishing, mining, manufacturing, transportation, high technology and international trade.  
10758  GEOG-005.-01W  LEC  TBA  TBA  DAVIS  ONLINE  
GEOG-005.-01W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.  

**GEOG 10**  **WORLD REGIONAL GEOGRAPHY**  4 Units  
Advisory: Eligibility for ENGL 1A or ESL26.  
4 hours lecture. (48 total hours per quarter.)  
Not Repeatable.  
Survey of the world’s major culture regions and major nations. Physical, cultural, economic features. Emphasis on historical influences on population growth, transportation networks, natural environment, potential and problems. Location, import and export of the foremost features of countries, states, major cities, rivers and landform regions.  
10758  GEOG-010.-01W  LEC  TBA  TBA  DAVIS  ONLINE  
GEOG-010.-01W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.  

#### Fine Arts

**FA 1**  **INTRODUCTION TO POPULAR CULTURE**  4 Units  
Advisory: Not open to students with credit in MDIA 11.  
4 hours lecture, 1 hour laboratory. (60 total hours per quarter.)  
Not Repeatable.  
Overview “history” and critical analysis – of popular culture as a window for understanding American society. Theories and methods of analyzing artifacts of popular culture. Overarching themes: 1) history/social theories of popular culture; 2) popular culture as a product of American multiculturalism; 3) the relationship between a commodity culture and intellect/artistry; 4) philosophical/ethical issues surrounding popular culture.  
10800  FA-001.-01W  LAB  TBA  TBA  HARTWELL  ONLINE  
FA-001.-01W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.  
10277  FA-001.-02W  LEC  TBA  TBA  THORNTON  ONLINE  
FA-001.-02W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.  

**FA 2**  **POPULAR CULTURE & UNITED STATES HISTORY**  4 Units  
Advisory: Not open to students with credit in MDIA 12.  
4 hours lecture, 1 hour laboratory. (60 total hours per quarter.)  
Not Repeatable.  
Interdisciplinary overview of popular culture as a window for understanding American history and society. Theories and methods of analyzing the artifacts of popular culture. Overarching themes: 1) interaction between American historical events and trends, and popular culture; 2) the interpretation of American history via popular culture media.  
10242  FA-002.-01W  LEC  TBA  TBA  THORNTON  ONLINE  
FA-002.-01W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.  

Unless otherwise noted in the schedule, June-Start Summer Session courses run June 11 – July 20; July-Start Summer Session courses run July 2 – Aug. 11. All courses are Title 5 Degree applicable credit courses unless otherwise noted. All fee payments are due at time of registration. Instructors are not obligated to hold a seat for the student who is enrolled but does not attend the first class meeting. The course listings in this PDF were accurate as of April 23, 2012. Course listing and footnote information may have significantly changed. For the most accurate, current course listings, always access the class schedule.
## Summer Session 2012 Courses

### Health

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course ID</th>
<th>Activity</th>
<th>Title</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
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<tbody>
<tr>
<td>HLT 21</td>
<td></td>
<td>LEC</td>
<td>CONTEMPORARY HEALTH CONCERNS</td>
<td>8:00 AM – 9:50 AM</td>
<td>MWF</td>
<td>HOROWITZ</td>
<td>8403</td>
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<td>HLT 55</td>
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<td>LEC</td>
<td>EMERGENCY MEDICAL RESPONSE</td>
<td>5:30 PM – 7:55 PM</td>
<td>TWTH</td>
<td>HAYES</td>
<td>MC B4</td>
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### History

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<th>Time</th>
<th>Days</th>
<th>Instructor</th>
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</thead>
<tbody>
<tr>
<td>HIST 4A</td>
<td></td>
<td>LEC</td>
<td>HISTORY OF WESTERN CIVILIZATION TO 800 AD</td>
<td>10:00 AM – 12:05 PM</td>
<td>MW</td>
<td>KNEELAND</td>
<td>1801</td>
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<td>HIST 4B</td>
<td></td>
<td>LEC</td>
<td>HISTORY OF WESTERN CIVILIZATION: 700-1800</td>
<td>7:35 PM – 9:35 PM</td>
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<td>HAYES</td>
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### Graphics & Interactive Design

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<tr>
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<tr>
<td>GID 32</td>
<td></td>
<td>LEC</td>
<td>T-SHIRT DESIGN &amp; GARMENT PRINTING</td>
<td>10:00 AM – 12:05 PM</td>
<td>MW</td>
<td>KNEELAND</td>
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### Gerontology

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<th>Days</th>
<th>Instructor</th>
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<tr>
<td>GERN 53</td>
<td></td>
<td>LEC</td>
<td>PRACTICUM IN SENIOR SERVICES</td>
<td>5:00 PM – 8:30 PM</td>
<td>M</td>
<td>PELHAM</td>
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<th>Days</th>
<th>Instructor</th>
<th>Location</th>
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<tbody>
<tr>
<td>HLTH 21</td>
<td></td>
<td>LEC</td>
<td>CONTEMPORARY HEALTH CONCERNS</td>
<td>8:00 AM – 9:50 AM</td>
<td>MWF</td>
<td>HOROWITZ</td>
<td>8403</td>
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### Other Courses

For more information about the online history degree access [www.foothillglobalaccess.org/main/aa_history.htm](http://www.foothillglobalaccess.org/main/aa_history.htm).
## Summer Session 2012 Courses

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<thead>
<tr>
<th>Course Number</th>
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<tbody>
<tr>
<td>HIST 10</td>
<td>HISTORY OF CALIFORNIA: THE MULTICULTURAL STATE</td>
<td>4 Units</td>
</tr>
<tr>
<td>HIST 17A</td>
<td>HISTORY OF THE UNITED STATES TO 1816</td>
<td>4 Units</td>
</tr>
<tr>
<td>HIST 17B</td>
<td>HISTORY OF THE UNITED STATES FROM 1812 TO 1914</td>
<td>4 Units</td>
</tr>
<tr>
<td>HIST 4C</td>
<td>HISTORY OF WESTERN CIVILIZATION FROM 1879-PRESENT</td>
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<tr>
<td>HUMN 1A</td>
<td>HUMANITIES &amp; THE MODERN EXPERIENCE I</td>
<td>4 Units</td>
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<tr>
<td>HUMN 1B</td>
<td>HUMANITIES &amp; THE MODERN EXPERIENCE II</td>
<td>4 Units</td>
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### Japanese

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<tr>
<td>JAPN 1</td>
<td>ELEMENTARY JAPANESE I</td>
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<tr>
<td>JAPN 3</td>
<td>ELEMENTARY JAPANESE III</td>
<td>5 Units</td>
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Survey of the development of Western society and culture from the early Middle Ages through the Age of Enlightenment. Emphasis upon the cultural, social, intellectual, and institutional changes that led to the birth of the modern Western culture and its interchange with the peoples of the world’s continents.

10693   | HIST-004B-01W LEC  | TBA TBA DAVINSON ONLINE  | HIST-004B-01W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.

HIST 4C   | HISTORY OF WESTERN CIVILIZATION | 4 Units |
Advisory: Eligibility for ENGL 1A or ESLL 26; not open to students with credit in HIST 4CH. 4 hours lecture. (48 total hours per quarter.)

10087   | HIST-017C-01W LEC  | TBA TBA MARDER STAFF ONLINE  | HIST-017C-01W: Corrected course title: “History of the United States from 1877.” Corrected course description: “American civilization from 1877. Survey of United States history and its political, economic and social development.” This is a 5-credit course. Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.

10735   | HUMN-001A-01W LEC  | TBA TBA CAMMIN ONLINE  | HIST-001A-01W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.

HIST 17A | HISTORY OF THE UNITED STATES TO 1816 | 4 Units |
Advisory: Eligibility for ENGL 1A or ESLL 26. 4 hours lecture. (48 total hours per quarter.)

10084   | HIST-017A-01W LEC  | TBA TBA FEIG ONLINE  | HIST-017A-01W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.

10700   | HIST-017A-02W LEC  | TBA TBA STAFF ONLINE  | HIST-017A-02W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.

HIST 17B | HISTORY OF THE UNITED STATES FROM 1812 TO 1914 | 4 Units |
Advisory: Eligibility for ENGL 1A or ESLL 26. 4 hours lecture. (48 total hours per quarter.)

10698   | HIST-017B-01W LEC  | TBA TBA STANDISH ONLINE  | HIST-017B-01W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.

10551   | HIST-017B-02W LEC  | TBA TBA BUSH ONLINE  | HIST-017B-02W: Corrected course title: “History of the United States from 1877.” Corrected course description: “American civilization from 1877. Survey of United States history and its political, economic and social development.” This is a 5-credit course. Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.

HIST 17C | HISTORY OF THE UNITED STATES FROM 1900 TO THE PRESENT | 4 Units |
Advisory: Eligibility for ENGL 1A or ESLL 26.
LEARNING IN NEW MEDIA CLASSROOMS

Fine Arts & Communication
(650) 949-7498
www.foothill.edu/KCI/linc

For complete course descriptions, access www.foothill.edu/KCI/linc

LINC 50A TECHNOLOGY IN THE K-12 CLASSROOM II
Formerly: LINC 255S
Advisory: Basic computer skills and knowledge of Macintosh or Windows operating systems; familiarity using Web browsers, email, bookmarking, searching, and downloading; not open to students with credit in LINC 255S.
.5 hour lecture. (6 total hours per quarter.)
Not Repeatable.
This is an introductory course about educational hardware technology in the classroom. Designed for educators, this hands-on course demonstrates integration of hardware technologies such as document cameras, interactive white boards, student response systems, iPads, mobile phones, etc. for teaching and learning with any standards-based curriculum. Emphasis is given in creating student-centered activities using appropriate educational hardware technologies.
10944 LINC-050A-01 LEC 9:00 AM– 3:00 PM F MCGRIFF 4006
10922 LINC-050A-02 LEC 4:00 PM– 9:00 PM MT CARINGELLA 4006

LINC 50B TECHNOLOGY IN THE K-12 CLASSROOM III
Formerly: LINC 255T
Advisory: Basic computer skills and knowledge of Macintosh or Windows operating systems; familiarity using Web browsers, email, bookmarking, searching, and downloading; fundamental understanding of content topics in LINC 50A; not open to students with credit in LINC 255T; students may enroll in LINC 50 or 50B, but not both, for credit.
.5 hour lecture. (6 total hours per quarter.)
Not Repeatable.
This course deepens the student’s knowledge of topics covered in LINC 50 Technology in the K-12 Classroom, focusing on computer- and online-based software technology in the classroom. Designed for educators, this course examines the effective integration of software technologies such as word processing, presentation, spreadsheet, online resources, online collaboration tools, etc., used for teaching and learning. Emphasis is given to creating student-centered activities using appropriate educational software technologies.
10931 LINC-050B-01 LEC 6:00 PM– 9:00 PM MT CARINGELLA 4004
LINC-050B-01: KCI Merit Program. Meets 7/12.

LINC 50F INTEGRATING TECHNOLOGY INTO A STANDARDS-BASED CURRICULUM I
Formerly: LINC 225
Advisory: Basic computer skills and knowledge of Macintosh or Windows operating systems; familiarity using Web browsers, email, bookmarking, searching, and downloading; not open to students with credit in LINC 225.
2 hours lecture. (24 total hours per quarter.)
Not Repeatable.
This course is for educators (K-14) and includes hands-on experiences that demonstrate the effective integration of technologies and 21st century skills for teaching and learning with any standards-based curriculum. Emphasis is given to developing student-centered activities using appropriate educational technologies.
10946 LINC-050F-01 LEC 6:00 PM– 9:00 PM MW CHEE TBA
10941 LINC-050F-02 LEC 1:00 PM– 4:00 PM TTH HURLEY 4008
10933 LINC-050F-03W LEC TBA TBA ULLAH ONLINE

LINC 53B INTEGRATING TECHNOLOGY INTO MATHEMATICS GRADES 6-8
Formerly: LINC 263T
Advisory: Basic computer skills and knowledge of Macintosh or Windows operating systems; familiarity using Web browsers, email, bookmarking, searching, and downloading; fundamental understanding of content topics in LINC 53; not open to students with credit in LINC 263T.
.5 hour lecture. (6 total hours per quarter.)
Not Repeatable.
This intermediate course for middle grades (6th - 8th) mathematics educators (1) promotes and encourages the use of technology in mathematics instruction to support and enhance mathematics teaching and learning and (2) increases the use of technology for visualization and multiple representations of math concepts. Other topics include the assessment of technology enhanced math projects, California Mathematics Content Standards, State approved Mathematics test books, ISTE Technology Standards, California Technology Standards, and the emerging Common Core Standards.
10943 LINC-053B-01 LEC 9:00 AM– 3:00 PM Th MCGRIFF 4006
LINC-053B-01: KCI Merit Program. Meets July 7 in the Hearthside room.

LINC 70A WEB PAGE DESIGN I
Formerly: LINC 200S
Advisory: Basic computer skills and knowledge of Macintosh or Windows operating systems; familiarity using Web browsers, email, bookmarking, searching, and downloading; not open to students with credit in LINC 200S.
.5 hour lecture. (6 total hours per quarter.)
Not Repeatable.
This short course is an introduction to how to design and create Web pages for educational, social, or business purposes using online website authoring software, such as Google Sites, Wix, or other that provide a visual interface to web site design. Knowledge of HTML is not required.
10925 LINC-070A-01 LEC 6:00 PM– 9:00 PM MT CAVADA 4002
LINC-070A-01 meets 8/12 only - Milpitas School District.

LINC 72C ADOBE INDESIGN I
Formerly: LINC 234S
Advisory: Appropriate skills and abilities with computer systems and internet technologies.
.5 hour lecture. (6 total hours per quarter.)
May be taken six times for credit.
This short course is designed for educators and includes hands-on experiences that demonstrate the effective integration of technologies for teaching and learning with any standards-based curriculum. Emphasis is given to creating student-centered projects or activities using InDesign for desktop publishing. Learn to design page layouts, import, format, and edit text, import and arrange photos, while creating pages that incorporate professional graphic design elements. Enrollment is limited to six times within the LINC 72C, 72D & 72X group.
10927 LINC-072C-01 LEC 6:00 PM– 9:00 PM MT CAVADA 4006
LINC-072C-01: Meets Saturday, July 23 in the Hearthside Room.

LINC 73A ADOBE PHOTOSHOP I
Formerly: LINC 233S
Advisory: Appropriate skills and abilities with computer systems and internet technologies.
.5 hour lecture. (6 total hours per quarter.)
May be taken six times for credit.
This short course is designed for educators and includes hands-on experiences that integrate digital imaging with teaching and learning. Emphasis is given to creating student-centered projects or activities using Photoshop. Learn to enhance image color and contrast, touch-up photos, create collages that tell stories, design layouts, paint with the paint tools, manipulate and enhance text to create unique typographic effects, while creating student-centered projects. Enrollment is limited to six times within the LINC 73A group.
10928 LINC-073A-01 LEC 6:00 PM– 9:00 PM MT DAVIS 4006
LINC-073A-01: Meets Tuesday & Thursday, August 9 & 11 in the Hearthside Room.

LINC 73I ADOBE ILLUSTRATOR I
Formerly: LINC 235S
Advisory: Familiarity with PC or Mac.
.5 hour lecture. (6 total hours per quarter.)
May be taken six times for credit.
This course is an introduction to educational technology in the classroom. Adobe Illustrator is a software drawing tool. This class will provide hands-on experience with the basic elements and tools of Adobe Illustrator to produce one-page illustrations. Enrollment is limited to six times within the LINC 73I, 73J & 73K group.
### Summer Session 2012 Courses

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<th>Title</th>
<th>Units</th>
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<tr>
<td>10932 LINC-073I-01 LEC 6:00 PM– 9:00 PM MT DAVIS 4006</td>
<td>LINC 73JADOBE ILLUSTRATOR II</td>
<td>.5 Unit</td>
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<tr>
<td>10936 LINC-083F-01 LEC 9:00 AM– 3:00 PM MT HURLEY 4006</td>
<td>LINC 86BVIDEO PODCASTING I</td>
<td>.5 Unit</td>
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<tr>
<td>10914 LINC-073J-01 LEC 6:00 PM– 9:00 PM MT DAVIS 4006</td>
<td>LINC 80MULTIMEDIA OVERVIEW</td>
<td>1 Unit</td>
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<tr>
<td>10935 LINC-095C-01 LEC 9:00 AM– 3:00 PM MTW BRITT ONLINE</td>
<td>LINC 90BOPEN EDUCATION RESOURCES</td>
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<td>10919 LINC-086B-01 LEC 6:00 PM– 9:00 PM WTh CARINGELLA 4006</td>
<td>LINC 80BMULTIMEDIA IN THE CLASSROOM II</td>
<td>.5 Unit</td>
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<td>10915 LINC-086A-01 LEC 6:00 PM– 9:00 PM WTh CARINGELLA 4006</td>
<td>LINC 81AUSING DIGITAL IMAGES I</td>
<td>.5 Unit</td>
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<td>LINC 80BVIDEO PODCASTING II</td>
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<td>10940 LINC-080-01 LEC 9:00 AM– 3:00 PM ThF HURLEY 4006</td>
<td>LINC 83FINTRODUCTION TO DIGITAL VIDEO EDITING</td>
<td>1 Unit</td>
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<td>10932 LINC-081A-01 LEC 6:00 PM– 9:00 PM MT DAVIS 4006</td>
<td>LINC 83FINTEGRALES</td>
<td>1 Unit</td>
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<td>10932 LINC-081A-01 LEC 6:00 PM– 9:00 PM MT DAVIS 4006</td>
<td>LINC 83FINTRODUCTION TO DIGITAL VIDEO EDITING</td>
<td>1 Unit</td>
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<tr>
<td>11001 LINC-090B-01W LEC TBA TBA ULLAH ONLINE</td>
<td>LINC 90BOPEN EDUCATION RESOURCES</td>
<td>1 Unit</td>
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<tr>
<td>10932 LINC-081A-01 LEC 6:00 PM– 9:00 PM MT DAVIS 4006</td>
<td>LINC 83FIllustration</td>
<td>1 Unit</td>
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<tr>
<td>10935 LINC-095C-01 LEC 9:00 AM– 3:00 PM MTW BRITT TBA</td>
<td>LINC 95CASSESSMENT STRATEGIES FOR TECHNOLOGY INTEGRATION</td>
<td>1 Unit</td>
</tr>
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**Course Listings in this PDF were accurate as of April 23, 2012. Course listing and footnote information may have significantly changed. For the most accurate, current course listings, always access the class schedule.**
Mathematics

Physical Sciences, Mathematics & Engineering (650) 949-7259 www.foothill.edu/psme/

MATH 1A, 10, 11, 44, 49, 51, 105, 220, 224, 230, 231, 234: If you have not taken the prerequisite(s) at Foothill College, you will not be allowed to register without an equivalency form from the counseling office or a waiver from the division office.

MATH 1A CALCULUS 5 Units
Prerequisite: Satisfactory score on the mathematics placement test or MATH 49 or 48C.
Advisory: Eligibility for ENGL 1A or ESL 26.
5 hours lecture. (60 total hours per quarter.)
Not Repeatable.
Introduction to differential calculus, including limits, derivatives and their applications to curve-sketching, families of functions, and optimization.
10090 MATH-001A-01 LEC 8:00 AM-10:15 AM MTWTH UILEC 4220 MATH-001A-01: TI-83/83-plus or TI-84/84-plus Graphing Calculator required. Additional costs for online materials or content in place of or in addition to a textbook may be required.
10034 MATH-001B-02 LEC 10:00 AM-12:45 PM MTWTH FRANCISCO 4310 MATH-001B-02: TI-83/83-plus or TI-84/84-plus Graphing Calculator required. Additional costs for online materials or content in place of or in addition to a textbook may be required.
10094 MATH-001A-03 LEC 7:30 AM-9:45 AM MTWTH STAFF 3401 MATH-001A-03: TI-83/83-plus or TI-84/84-plus Graphing Calculator required. Additional costs for online materials or content in place of or in addition to a textbook may be required.

MATH 1B CALCULUS 5 Units
Prerequisite: MATH 1A.
Advisory: Eligibility for ENGL 1A or ESL 26.
5 hours lecture. (60 total hours per quarter.)
Not Repeatable.
Introduction to integral calculus including definite and indefinite integrals, the first and second Fundamental Theorems and their applications to geometry, physics, and the solution of elementary differential equations.
10091 MATH-001B-01 LEC 10:30 AM-12:45 PM MTWTH KNOBEL 5001 MATH-001B-01: TI-83/83-plus or TI-84/84-plus Graphing Calculator required. Additional costs for online materials or content in place of or in addition to a textbook may be required.
10075 MATH-001B-02 LEC 10:00 AM-12:15 PM MTWTH STAFF 3950 MATH-001B-02: Class starts June 11. Be sure you have no conflict with a Spring class at Foothill or De Anza. TI-83/83-plus or TI-84/84-plus Graphing Calculator required. Additional costs for online materials or content in place of or in addition to a textbook may be required.

MATH 1C CALCULUS 5 Units
Prerequisite: MATH 1B.
Advisory: Eligibility for ENGL 1A or ESL 26.
5 hours lecture. (60 total hours per quarter.)
Not Repeatable.
Introduction to functions of more than one variable, including vectors, partial differentiation, the gradient, contour diagrams and optimization. Additional topics include infinite series, convergence and Taylor series.
10092 MATH-001C-01 LEC 10:30 AM-12:45 PM MTWTH GEORGIOU 4301 MATH-001C-01: TI-83/83-plus or TI-84/84-plus Graphing Calculator required. Additional costs for online materials or content in place of or in addition to a textbook may be required.
### Summer Session 2012 Courses

<table>
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<tr>
<th>CRN</th>
<th>Course ID</th>
<th>Activity</th>
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<td>MUDGE</td>
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<td>MATH-010.-07</td>
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<td>10797</td>
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<td>10763</td>
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### MATH 48A - PRECALCULUS I
5 Units
Prerequisite: Satisfactory score on the mathematics placement test or MATH 105 or 108.
Advisory: Eligibility for ENGL 1A or ESLL 26; UC credit for MATH 48A, B & C is limited to a maximum of 7.5 units for the combination or any portion of the series completed.
5 hours lecture. (60 total hours per quarter.)
Not Repeatable.
This course is a continuation of topics from Math 48B. Topics include exponential and logarithmic functions, parametric equations, logic, and modeling data with various functions.

### MATH 48B - PRECALCULUS II
5 Units
Prerequisite: MATH 48A.
Advisory: Eligibility for ENGL 1A or ESLL 26; UC credit for MATH 48A, B & C is limited to a maximum of 7.5 units for the combination or any portion of the series completed.
5 hours lecture. (60 total hours per quarter.)
Not Repeatable.
This course is a continuation of topics from Math 48B. Topics include exponential and logarithmic functions, trigonometric identities, inverse trigonometric functions, trigonometric equations, vectors, rational functions, parametric equations, logic, and modeling data with various functions.

### MATH 48C - PRECALCULUS III
5 Units
Prerequisite: MATH 48B.
Advisory: Eligibility for ENGL 1A or ESLL 26; UC credit for MATH 48A, B & C is limited to a maximum of 7.5 units for the combination or any portion of the series completed.
5 hours lecture. (60 total hours per quarter.)
Not Repeatable.
This course is a continuation of topics from Math 48B. Topics include the six trigonometric functions, trigonometric identities, inverse trigonometric functions, trigonometric equations, vectors, rational functions, parametric equations, logic, and modeling data with various functions.

### MATH 234 - PREPARING FOR ALGEBRA: SUMMER EDITION
5 Units
Prerequisite: Satisfactory score on the mathematics placement test; MATH 200, 230, 230J, 234, or 238.
Advisory: Not open to students with credit in MATH 101 or 220.
5 hours lecture. (60 total hours per quarter.)
Not Repeatable.
Linear equations, linear inequalities, graphs, linear systems, operations on quadratics, factoring, and proportion reasoning.

### MATH 235 - PREPARING FOR GEOMETRY: SUMMER EDITION
5 Units
Prerequisite: Satisfactory score on the mathematics placement test; MATH 200, 230, 230J, 234, or 238.
Advisory: Pass/No Pass; not open to students with credit in MATH 101 or 220.
5 hours lecture. (60 total hours per quarter.)
Not Repeatable.
Addition, subtraction, multiplication and division of whole numbers, fractions, decimals and signed numbers. Introduction to algebraic concepts including solving first-degree equations and evaluating and simplifying expressions. Development and applications of ratios, proportions, percents, geometric concepts and basic algebra. This course is a continuation of MATH 230.

### MUS 1 - INTRODUCTION TO MUSIC
4 Units
4 hours lecture, 1 hour laboratory. (60 total hours per quarter.)
Not Repeatable.
A study of Western music and its place in civilization. Selected listening and readings from the masterpieces of music of Europe and the Western Hemisphere with an emphasis on methods of comprehension, listening techniques, the elements of music, primary musical forms, and a wide range of concert repertoire. Includes a study of how social, political, philosophical, and other artistic developments outside of music influenced compositional thinking and how these were integrated into the different periods of Western musical history. A variety of media consisting of slides, videos, recordings, and lecture will be used. Live performance used when possible.

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### Course Descriptions

**MUS 2D: World Music: Roots to Contemporary Global Fusion**

A survey of world music styles from their roots in the ethnic traditions of a specific culture through their evolution into new forms that retain vitality and relevance in contemporary society. Traces the elements that make each style distinctive from a purely musical perspective as well as the social, historical, and cultural context that shaped each style's development. Styles include salsa, reggae, ska, Celtic, Fado, Klezmer, South African Township, High Life, sou kous, Bollywood (film), Chutney, Cajun, yéyé, and Hawaiian Slack Key Guitar. This course is required for music majors but is also designed for students who have no background in music but are interested in world music. It meets Foothill's GE Area I, Humanities, Arts requirement and the IGETC and CSE GE Arts and Humanities requirement.

**MUS 8: Music of Multicultural America**

Advisory: Not open to students with credit in MUS 8H.

A comparative and integrative study of the multicultural musical styles of the United States, this class explores the musics of Native Americans, European Americans, African Americans, Chicano/Latino Americans, and Asian Americans from their historical roots to the present. It includes a wide variety of musical styles such as folk, Spirituals, Gospel, Soul, Blues, Jazz, Cajun, Zydeco, Salsa, Tejano, Hip-Hop and Rap. Students will look at these musical traditions from a technical and a cultural perspective as they develop listening and descriptive skills. This course is intended primarily for students meeting their Foothill College GE Area VI United States Cultures and Communities requirement or their IGETC or CSU Arts and Humanities requirements.

**MUS 10: Music Fundamentals**

Advisory: Not Repeatable.

Music Fundamentals is a beginning theory course where the basic elements of musicianship and harmony are explored through lecture, writing, and written assignments. Rudiments of music like pitch, rhythm, harmony, style, and form will be examined as rock and roll is analyzed through classical music theory.

**MUS 11A: Jazz & Swing**

Advisory: Not open to students with credit in MUS 64A.

4 hours lecture, 1 hour laboratory. (60 total hours per quarter.) Not Repeatable.

History and analysis of jazz styles and trends from the development of R&B to 1969. An introduction to the instruments, performers, composers, compositions and recordings that defined jazz before the introduction of rock as the primary commercial music style in the US. Presentation of Jazz and swing recordings, videos and print resources. Major artists include Louis Armstrong, Duke Ellington, Benny Goodman, Glenn Miller, Lionel Hampton, Count Basie, Charlie Parker, Dizzy Gillespie, Miles Davis, Sonny Rollins, Charles Mingus and John Coltrane. Style periods include Early ("Dixieland"), Big Band, Jump, Swing, Bebop, Hard Bop, Cool, Modal, and Avant-Garde Jazz.

**MUS 11B: Funk, Fusion & Hip-Hop**

Advisory: Not open to students with credit in MUS 64B.

4 hours lecture, 1 hour laboratory. (60 total hours per quarter.) Not Repeatable.

History and analysis of funk, fusion and Hip Hop styles from 1969 to the present. An introduction to the instruments, performers, composers, compositions and recordings that defined/fined funk, fusion & Hip Hop from the collapse of traditional jazz and the introduction of funk and fusion to the present. Presentation of recordings, videos and print resources. Major artists include Miles Davis, Herbie Hancock, James Brown, Sly Stone, Weather Report, Wayne Shorter, George Clinton and P-Funk, Jaco Pastorius, Pat Metheny, Grandmaster Flash, Africa Bambaataa, Chuck D. and Dr. Dre. Style periods include Early Jazz Fusion, Funk East, Funk East Bay Funk, Groove and Smooth Jazz, Modern Fusion, Early Hip Hop and Commercial Rap.

**MUS 12A: Beginning Class Piano**

Advisory: Concurrent enrollment in MUS 10.

2 hours lecture, 1 hour laboratory. (36 total hours per quarter.) May be taken two times for credit.

Group instruction in piano for those with no previous training. Emphasis is on finger technique, note reading, elementary chording, and performance of simple piano literature. For music majors as well as the general student.

**MUS 12B: Intermediate Class Piano**

Advisory: MUS 12A or equivalent skills.

2 hours lecture, 1 hour laboratory. (36 total hours per quarter.) May be taken two times for credit.

Continuation of MUS 12A with increased emphasis on good tone production, independence of hands, development of eye-hand coordination, simple harmonization and transposition, and building repertoire.

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**Course Listings**

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course ID</th>
<th>Activity</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
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<tr>
<td>MUS 001 - 01W</td>
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<td>MUS 002 - 01W</td>
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<td>LAB TBA</td>
<td>TBA SULT ONLINE</td>
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<thead>
<tr>
<th>Course Number</th>
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<tr>
<td>MUS 12A</td>
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</tr>
<tr>
<td>MUS 12B</td>
<td>CLASS VOICE II</td>
<td>2</td>
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<tr>
<td>MUS 13A</td>
<td>CLASS VOICE III</td>
<td>2</td>
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<tr>
<td>MUS 18</td>
<td>MUSIC PUBLISHING FOR SONGWRITERS</td>
<td>3.5</td>
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### Summer Session 2012

- **MUS 12C**  ADVANCED CLASS PIANO  2 Units
  - Advisory: MUS 12B or equivalent skills.
  - 2 hours lecture, 1 hour laboratory. (36 total hours per quarter.)
  - May be taken two times for credit.
  - Continuation of MUS 12B with greater emphasis on building a repertoire, varied styles of performance, and ensemble playing.

- **MUS 13A**  CLASS VOICE I  2 Units
  - Advisory: Concurrent enrollment in MUS 12A.
  - 1 hour lecture, 2 hours lecture-laboratory. (36 total hours per quarter.)
  - Not Repeatable.
  - An introduction to the fundamental techniques of vocal production and performance. Group vocal instruction with the potential to sing in a variety of musical styles. Emphasis on understanding the basic foundation of a healthy vocal technique and integrating that technique into songs. Topics include warm-up techniques, breath support, tone production, musical phrasing, diction, and text communication, as well as an introduction to standard vocal repertoire and associated performance practices.

- **MUS 13B**  CLASS VOICE II  2 Units
  - Prerequisite: MUS 13A.
  - Advisory: Concurrent enrollment in MUS 12A or equivalent skills.
  - 1 hour lecture, 2 hours lecture-laboratory. (36 total hours per quarter.)
  - Not Repeatable.
  - A continuation at the intermediate level of MUS 13A with increased emphasis on tone production and support, expansion of vocal range, differentiation between various styles of singing studied: classical, legitimate, mix and belt, develop more complex repertoire in a variety of languages, attention to communication of text and character development, simple choral harmonies, and rehearsal practices with an accompanist.

- **MUS 13C**  CLASS VOICE III  2 Units
  - Prerequisite: MUS 13B.
  - Advisory: Concurrent enrollment in MUS 12A or equivalent skills.
  - 1 hour lecture, 2 hours lecture-laboratory. (36 total hours per quarter.)
  - Not Repeatable.
  - A continuation at the advanced level of MUS 13B with increased emphasis on more advanced and subtle concepts of vocal production. Emphasis on understanding and managing vocal passagios, expansion of vocal styles to include classical and/or complex musical theatre repertoire. Small ensembles of duets or trios with independent vocal lines and full communication of character will be introduced. Emphasis on ensemble building and collaboration with an accompanist.

- **MUS 50A**  MUSIC BUSINESS  4 Units
  - 4 hours lecture, 1 hour laboratory. (60 total hours per quarter.)
  - Not Repeatable.
  - Study of legal and business aspects of the music industry. Emphasis on publishing, licensing, and promotion. Copyright law, interaction between songwriters and music publishers, record companies, distributors and the rules that govern them. How music is licensed, service marks, trademarks and patents. The role of lawyers, agents, personal managers, producers and promoters. Licensing and copyright of intellectual properties in the growing multimedia industry and the internet. Synchronization of music in film, video and television. Career development and how major/ independent labels market and distribute media.

- **MUS 50B**  ENTERTAINMENT LAW & NEW MEDIA  4 Units
  - 4 hours lecture, 1 hour laboratory. (60 total hours per quarter.)
  - May be taken six times for credit.
  - In-depth study and discussion of entertainment law as it applies to the emerging new media market and the music industry. Internet sales and distribution for new media, file sharing, licensing for the web, and digital copyright considerations. Promotional packages, web site development, delivery systems, career promotion strategies, contracts and touring. In-depth analysis of contracts and regulations/potential of starting an independent media production company, record label, or online retail site. Sampling licenses/international copyright law and publishing.

- **MUS 58A**  SONGWRITER’S WORKSHOP I  3.5 Units
  - 2 hours lecture, 1 hour lecture-laboratory, 3 hours laboratory. (72 total hours per quarter.)
  - Not Repeatable.
  - Workshop course for beginning songwriters that focuses on basic songwriting styles and techniques. Over the course of the class different songwriting basic methods are presented. Students are assigned weekly songwriting projects. Class is appropriate for basic levels of songwriting competency.

- **MUS 58B**  SONGWRITER’S WORKSHOP II  3.5 Units
  - 2 hours lecture, 1 hour lecture-laboratory, 3 hours laboratory. (72 total hours per quarter.)
  - Not Repeatable.
  - Workshop course for intermediate songwriters that focuses on contemporary and songwriting methodology. Over the course of the class different songwriting components and structures are presented. Students are assigned weekly songwriting projects and are expected to submit finished songs with all the necessary components. Course includes analytical listening and discussion of various songwriting styles. Class is appropriate for medium levels of songwriting competency.

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**SUMMER SESSION 2012 COURSES**

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<td>MUS 60A</td>
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<tr>
<td>MUS 66B</td>
<td>REASON &amp; PRO TOOLS</td>
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<tr>
<td>MUS 66C</td>
<td>PRO TOOLS &amp; VIRTUAL INSTRUMENTS</td>
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<tr>
<td>MUS 82A</td>
<td>PRO TOOLS 101: INTRODUCTION TO PRO TOOLS</td>
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### Off-Campus class

- **MUS 58E**: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga for information on how to begin.

### Online class

- **MUS 60A**: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga for information on how to begin.

### Middlefield Campus class

- **MUS 66B**: Offered at Middlefield Campus. Fridays, 7/1-7/22/11. Open entry/exit. No fee. Register at class location.

### Evening classes are shaded.

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**Understanding menus, windows, preferences and system configurations for Pro Tools in home studies and professional facilities. Intro to automation, dialog editing and audio post production for film and video. Required for Avid Pro Tools Certification.**

- **10636 MUS-082A-01W LAB**: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga for information on how to begin.

### Non-credit: Parenting Education

<table>
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<td>NCP 402</td>
<td>PARENT INVOLVEMENT: THE IMPORTANCE OF FAMILY IN THE LIVES OF CHILDREN</td>
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8 hours total. (7.992 total hours per quarter.) Unlimited Repeatability.

Introduces families and caregivers to the importance of family in the lives of children, best practices in parenting and linking students to resources. Emphasis placed on parent involvement, accessing resources and navigating systems in multicultural communities. Third course in a sequence of three.

- **10888 NCP-402-01**: Offered at Middlefield Campus, Architects Hall, 7-7:50 PM, M-F. Open entry/exit. No fee. Register at class location.

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Performing Arts Courses

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<td>NCP 403</td>
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<td><strong>BUILDING BRIDGES, OPENING DOORS, RAISING EMOTIONALLY HEALTHY CHILDREN</strong></td>
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24 hours total. (24 total hours per quarter.) Unlimited Repeatability.

A Parents as Partners Series targeted to families and their caregivers, providers and educators serving these families. Provides an understanding of the importance of meeting emotional needs in raising healthy children through parenting and child development, prenatal through adolescence. Completion of this class helps prepare students for credit classes in Child Development. May be offered bilingually.

- **P A 111** Performance Practices in Theatre 1 Unit
  - Prerequisite: Enrollment subject to audition.
  - Advisory: Pass/No Pass; enrollment is limited to six times within the P A group.
  - 3 hours laboratory. (36 total hours per quarter.)
  - May be taken six times for credit.

  Study, rehearsal, and performance of assigned theatre performance piece. Designed as a performance course for actors and theatre technicians wishing to explore theatre repertoire more fully with other performance artists and under the tutelage of a theatre professional. Repertoire may include work from any time period, non-musical or musical theatre, or non-western theatre. Performances may be on or off campus. At least three hours of rehearsal and/or performance per week. Attendance at all performances required.

- **P A 111X** Performance Practices in Theatre 4 Units
  - Prerequisite: Enrollment subject to audition.
  - Advisory: Pass/No Pass; enrollment is limited to six times within the P A group.
  - 12 hours laboratory. (144 total hours per quarter.)
  - May be taken six times for credit.

  Study, rehearsal, and performance of assigned theatre performance piece. Designed as a performance course for actors and theatre technicians wishing to explore theatre repertoire more fully with other performance artists and under the tutelage of a theatre professional. Repertoire may include work from any time period, non-musical or musical theatre, or non-western theatre. Performances may be on or off campus. At least twelve hours of rehearsal per week. Attendance at all performances required.

- **P A 111Y** Performance Practices in Theatre 6 Units
  - Prerequisite: Enrollment subject to audition.
  - Advisory: Pass/No Pass; enrollment is limited to six times within the P A group.
  - 18 hours laboratory. (216 total hours per quarter.)
  - May be taken six times for credit.

  Study, rehearsal, and performance of assigned theatre performance piece. Designed as a performance course for actors and theatre technicians wishing to explore theatre repertoire more fully with other performance artists and under the tutelage of a theatre professional. Repertoire may include work from any time period, non-musical or musical theatre, or non-western theatre. Performances may be on or off campus. At least eighteen hours of rehearsal and/or performance per week. Attendance at all performances required.

- **P A 112** Performance Practices in Vocal Music 1 Unit
  - Prerequisite: Enrollment subject to audition.
  - Advisory: Pass/No Pass; enrollment is limited to six times within the P A group.
  - 3 hours laboratory. (36 total hours per quarter.)
  - May be taken six times for credit.

  Study, rehearsal, and performance of vocal/choral repertoire. Designed as an advanced performance course for ensemble singers wishing to explore the vast choral repertoire with other performance artists and under the tutelage of a theatre professional. Repertoire may include work from any time period and non-western music. Performances may be on or off campus. At least twelve hours of rehearsal and/or performance per week. Attendance at all performances required.

- **P A 121** Performance Practices in Vocal Music 4 Units
  - Prerequisite: Enrollment subject to audition.
  - Advisory: Pass/No Pass; enrollment is limited to six times within the P A group.
  - 12 hours laboratory. (144 total hours per quarter.)
  - May be taken six times for credit.

  Study, rehearsal, and performance of vocal/choral repertoire. Designed as an advanced performance course for ensemble singers wishing to explore the vast choral repertoire with other performance artists and under the tutelage of a theatre professional. Repertoire may include work from any time period and non-western music. Performances may be on or off campus. At least twelve hours of rehearsal and/or performance per week. Attendance at all performances required.

- **P A 121X** Performance Practices in Vocal Music 4 Units
  - Prerequisite: Enrollment subject to audition.
  - Advisory: Pass/No Pass; enrollment is limited to six times within the P A group.
  - 12 hours laboratory. (144 total hours per quarter.)
  - May be taken six times for credit.

  Study, rehearsal, and performance of vocal/choral repertoire. Designed as an advanced performance course for ensemble singers wishing to explore the vast choral repertoire with other performance artists and under the tutelage of a theatre professional. Repertoire may include work from any time period and non-western music. Performances may be on or off campus. At least twelve hours of rehearsal and/or performance per week. Attendance at all performances required.

- **P A 131** Performance Practices in Instrumental Music 1 Unit
  - Prerequisite: Enrollment subject to audition.
  - Advisory: Pass/No Pass; enrollment is limited to six times within the P A group.
  - 3 hours laboratory. (36 total hours per quarter.)
  - May be taken six times for credit.

  Study, rehearsal, and performance of instrumental performance pieces for varied ensembles. Designed as a performance course for players of string, wind, and percussion instruments wishing to explore the vast instrumental repertoire more fully with other performance artists and under the tutelage of a music professional. Repertoire includes music from any time period, and non-western music. Concert performances may be on or off campus. At least three hours of rehearsal and/or performance per week. Attendance at all performances required.

- **P A 131Y** Performance Practices in Instrumental Music 6 Units
  - Prerequisite: Enrollment subject to audition.
  - Advisory: Pass/No Pass; enrollment is limited to six times within the P A group.
  - 18 hours laboratory. (216 total hours per quarter.)
  - May be taken six times for credit.

  Study, rehearsal, and performance of instrumental performance pieces for varied ensembles. Designed as a performance course for players of string, wind, and percussion instruments wishing to explore the vast instrumental repertoire more fully with other performance artists and under the tutelage of a music professional. Repertoire includes music from any time period, and non-western music. Concert performances may be on or off campus. At least eighteen hours of rehearsal and/or performance per week. Attendance at all performances required.

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Course Number | Course ID | Activity | Title | Time | Days | Instructor | Location | Units
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10809 | PA-131.-02 | LAB | TBA | TBA | THORNTON | CYS | PA-131.-02: Admission to all Performing Arts Classes by prior audition only. Phone: (650) 949-7252.
10810 | PA-131.-03 | LAB | TBA | TBA | THORNTON | ECYS | PA-131.-03: Admission to all Performing Arts Classes by prior audition only. Phone: (650) 949-7252.
10815 | PA-131.-04 | LAB | TBA | TBA | THORNTON | GSI | PA-131.-04: Admission to all Performing Arts Classes by prior audition only. Phone: (650) 949-7252.

P A 131X PERFORMANCE PRACTICES IN INSTRUMENTAL MUSIC
Prerequisite: Enrollment subject to audition.
Advisory: Pass/No Pass; enrollment is limited to six times within the P A group.
18 hours laboratory. (216 total hours per quarter.)
May be taken six times for credit.
Study, rehearsal, and performance of instrumental performance pieces for varied ensembles. Designed as a performance course for players of string, wind, and percussion instruments wishing to explore the vast instrumental repertoire more fully with other performance artists and under the tutelage of a music professional. Repertoire includes music from any time period, and non-western music. Concert performances may be on or off campus. At least twelve hours of rehearsal and/or performance per week. Attendance at all performances required.

10811 | PA-131X-01 | LAB | TBA | TBA | THORNTON | ECYS | PA-131X-01: Admission to all Performing Arts Classes by prior audition only. Phone: (650) 949-7252.
10817 | PA-131X-02 | LAB | TBA | TBA | THORNTON | GSI | PA-131X-02: Admission to all Performing Arts Classes by prior audition only. Phone: (650) 949-7252.

P A 131Y PERFORMANCE PRACTICES IN INSTRUMENTAL MUSIC
Prerequisite: Enrollment subject to audition.
Advisory: Pass/No Pass; enrollment is limited to six times within the P A group.
18 hours laboratory. (216 total hours per quarter.)
May be taken six times for credit.
Study, rehearsal, and performance of instrumental performance pieces for varied ensembles. Designed as a performance course for players of string, wind, and percussion instruments wishing to explore the vast instrumental repertoire more fully with other performance artists and under the tutelage of a music professional. Repertoire includes music from any time period, and non-western music. Concert performances may be on or off campus. At least eighteen hours of rehearsal and/or performance per week. Attendance at all performances required.

10812 | PA-131Y-01 | LAB | TBA | TBA | THORNTON | ECYS | PA-131Y-01: Admission to all Performing Arts Classes by prior audition only. Phone: (650) 949-7252.
10818 | PA-131Y-02 | LAB | TBA | TBA | THORNTON | GSI | PA-131Y-02: Admission to all Performing Arts Classes by prior audition only. Phone: (650) 949-7252.

P A 131Z PERFORMANCE PRACTICES IN INSTRUMENTAL MUSIC
Prerequisite: Enrollment subject to audition.
Advisory: Pass/No Pass; enrollment is limited to six times within the P A group.
24 hours laboratory. (288 total hours per quarter.)
May be taken six times for credit.
Study, rehearsal, and performance of instrumental performance pieces for varied ensembles. Designed as a performance course for players of string, wind, and percussion instruments wishing to explore the vast instrumental repertoire more fully with other performance artists and under the tutelage of a music professional. Repertoire includes music from any time period, and non-western music. Concert performances may be on or off campus. At least 24 hours of rehearsal and/or performance per week. Attendance at all performances required.

10813 | PA-131Z-01 | LAB | TBA | TBA | THORNTON | ECYS | PA-131Z-01: Admission to all Performing Arts Classes by prior audition only. Phone: (650) 949-7252.
10819 | PA-131Z-02 | LAB | TBA | TBA | THORNTON | GSI | PA-131Z-02: Admission to all Performing Arts Classes by prior audition only. Phone: (650) 949-7252.

P A 161X DIRECTED STUDIES IN THE PERFORMING ARTS
Prerequisite: Enrollment subject to audition.
Advisory: Pass/No Pass.
Three hours laboratory. (36 total hours per quarter.)
May be taken six times for credit.
A directed study laboratory course involving approved student performance, or performance support in music, theatre, or dance, including theatre technicians, and sound and video recording arts. Performances or productions for community musical, theatre or dance events may be planned and executed in this class. Includes required public performances. Enrollment is limited to six times within the P A 161 group.

10802 | PA-161X-01 | LAB | TBA | TBA | THORNTON | CLTC | PA-161X-01: Admission to all Performing Arts Classes by prior audition only. Phone: (650) 949-7252.
10814 | PA-161X-02 | LAB | TBA | TBA | THORNTON | GSI | PA-161X-02: Admission to all Performing Arts Classes by prior audition only. Phone: (650) 949-7252.

P A 161Z DIRECTED STUDIES IN THE PERFORMING ARTS
Prerequisite: Enrollment subject to audition.
Advisory: Pass/No Pass.
Nine hours laboratory. (108 total hours per quarter.)
May be taken six times for credit.
A directed study laboratory course involving approved student performance, or performance support in music, theatre, or dance, including theatre technicians, and sound and video recording arts. Performances or productions for community musical, theatre or dance events may be planned and executed in this class. Includes required public performances. Enrollment is limited to six times within the P A 161 group.

10804 | PA-161Z-01 | LAB | TBA | TBA | THORNTON | CLTC | PA-161Z-01: Admission to all Performing Arts Classes by prior audition only. Phone: (650) 949-7252.
10816 | PA-161Z-02 | LAB | TBA | TBA | THORNTON | GSI | PA-161Z-02: Admission to all Performing Arts Classes by prior audition only. Phone: (650) 949-7252.

Pharmacy Technology

Biological & Health Sciences www.foothill.edu/bio/programs/pharmtec/

PHT 60A RETAIL CLINICAL I
Prerequisite: Admission to the Pharmacy Technician Program.
8 hours clinical experience. (96 total hours per quarter.)
Not Repeatable.
The practice, in an outpatient environment, of skills developed in didactic and laboratory training. Activities will be performed by the student and evaluated by a preceptor.

10293 | PHT-060A-01 | LAB | 8:00 AM– 3:50 PM | F | SU | RETAIL

PHT 60B RETAIL CLINICAL II
Prerequisite: PHT 60A.
8 hours clinical experience. (96 total hours per quarter.)
Not Repeatable.
The practice, in the outpatient environment, of skills developed in didactic and laboratory training. Activities will be performed by the student and evaluated by a preceptor.

10294 | PHT-060B-01 | LAB | 8:00 AM– 3:50 PM | F | SU | RETAIL

PHT 62A HOSPITAL CLINICAL I
Prerequisite: Admission to Pharmacy Technology Program.
8 hours clinical experience. (96 total hours per quarter.)
Not Repeatable.
The practice, in both inpatient and outpatient environments, of skills developed in didactic and laboratory training. Activities will be performed by the student and evaluated by a preceptor.

10296 | PHT-062A-01 | LAB | 8:00 AM– 3:50 PM | F | SU | HOSP

PHT 62B HOSPITAL CLINICAL II
Prerequisite: Admission to Pharmacy Technician Program
8 hours clinical experience. (96 total hours per quarter.)
Not Repeatable.
The practice, in an inpatient environment, of skills developed in didactic and laboratory training of preparation of sterile products. Activities will be performed by the student and evaluated by a preceptor.

10297 | PHT-062B-01 | LAB | 8:00 AM– 3:50 PM | F | SU | HOSP

Unless otherwise noted in the schedule, June-Start Summer Session courses run June 11–July 20; July-Start Summer Session courses run July 2–Aug. 11. All courses are Title 5 Degree applicable credit courses unless otherwise noted. All fee payments are due at time of registration. Instructors are not obligated to hold a seat for the student who is enrolled but does not attend the first class meeting. The course listings in this PDF were accurate as of April 23, 2012. Course listing and footnote information may have significantly changed. For the most accurate, current course listings, always access the class schedule.
PHIL 1
CRITICAL THINKING & WRITING
5 Units
5 hours lecture. (60 total hours per quarter.)
Not Repeatable.
Develops understanding of informal logic and reasoning skills necessary for academic success, including tools needed to analyze information from a variety of sources such as academic essays, philosophical literature, news media and advertising. Focus on skills of argumentation including, but not limited to, elements of an argument, deductive and inductive forms of argumentation, the evaluation of arguments and the recognition of a variety of fallacies. Skills developed through a series of written assignments of increasing scope and difficulty culminating in a sophisticated argumentative essay.

PHIL 4
INTRODUCTION TO PHILOSOPHY
4 Units
4 hours lecture. (48 total hours per quarter.)
Not Repeatable.
Introductory survey of basic principles and concerns of philosophy. Primarily examines major topics in the study of metaphysics and epistemology. Related topics of concern to include ethics, theology and political philosophy.

PHIL 25
COMPARATIVE WORLD RELIGIONS: WEST
4 Units
4 hours lecture. (48 total hours per quarter.)
Not Repeatable.
Exposes the origin, history and significant ideas of the world's Western Religions. We will compare the fundamental insights, ideals and contributions toward the human moral heritage and wisdom of the Early Religions, Judaism, Zoroastrianism, Christianity, and Islam.

PHOT 1
BLACK & WHITE PHOTOGRAPHY I
4 Units
2 hours lecture, 3 hours lecture-laboratory, 1.5 hours laboratory. (78 total hours per quarter.)
Not Repeatable.
Fundamentals of black and white still photography. Introduction to the historical development of the medium and the role that photography has played in shaping social issues and its effect on culture. Practical investigation of photography's potential to contribute to personal visual expression. Exposure to multiple perspectives on photography as practiced and contributed by diverse cultures. Topics cover photographic seeing, camera operation, use of aperture and shutter settings for aesthetic and semiotic control, film processing, printing, and use of natural light for personal expression and communication. Introduction to electronic imaging processes.

PHOT 5
INTRODUCTION TO PHOTOGRAPHY
4 Units
3 hours lecture, 2 hours lecture-laboratory. (60 total hours per quarter.)
Not Repeatable.
A survey of the historical and practical aspects of photography as an art form. Students will be introduced to the use of light, composition and communication through images. Significant photographers from a diversity of backgrounds will inspire students in the practice of photography and develop an appreciation of the varied uses of the photographic image in our culture.

PHOT 8
PHOTOGRAPHY OF MULTICULTURAL AMERICA
4 Units
Advisory: Not open to students with credit in PHOT 8H.
4 hours lecture, 2 hours laboratory. (72 total hours per quarter.)
Not Repeatable.
Examination of photography's role in shaping ideas about race, class, gender, sexuality and national identity in America. Critical analysis of images from a wide range of genres including: commercial photography, portraiture, social documentary, photojournalism, ethnographic and scientific photography, erotica, and fine-art photography are discussed within their historical and social context.

PHOT 65A
DIGITAL PHOTOGRAPHY I
4 Units
Advisory: PHOT 1, 5 or equivalent.
2 hours lecture, 3 hours lecture-laboratory. (78 total hours per quarter.)
May be taken three times for credit.
Introduction to the tools for expressive communication in digital photography using Adobe Photoshop and Adobe Photoshop Lightroom. Development of skills in image capture, enhancement, printing, and web publishing, for both fine art and commercial applications.
PHYSICAL EDUCATION

Physical Education (650) 949-7742
www.foothill.edu/ath/

PHED 1 INTRODUCTION TO PHYSICAL EDUCATION AS A PROFESSION 4 Units
Advisory: Not open to students with credit in H P 1.
4 hours lecture. (48 total hours per quarter.)
Not Repeatable.
Introduction to the general nature of the physical education profession and its related fields of health, recreation and athletics.

PHED 2 SPORT IN SOCIETY 4 Units
Advisory: Not open to students with credit in H P 1B.
4 hours lecture. (48 total hours per quarter.)
Not Repeatable.
This course looks at current and past sports related cultural and historical issues and practices to study the role of sport in society.

PHED 4 CONCEPTS OF PHYSICAL FITNESS & WELLNESS 4 Units
Advisory: Not open to students with credit in H P 48.
4 hours lecture. (48 total hours per quarter.)
Not Repeatable.
Study of physical fitness, training principles, appropriate exercise and health practices with application to lifelong health and exercise habits.

PHED 8 THEORY & CONCEPTS OF EXERCISE PHYSIOLOGY 4 Units
4 hours lecture. (48 total hours per quarter.)
Not Repeatable.
Basic concepts and principles of exercise science and how the human body responds to the demands of physical activity. Emphasis on anatomy, physiology, and biomechanics. Includes factors related to maintaining optimal body weight, nutrition, and increasing one's flexibility.

PHED 9 BASIC NUTRITION FOR SPORTS & FITNESS 4 Units
4 hours lecture. (48 total hours per quarter.)
Not Repeatable.
Practical applications of basic nutrition concepts and how food choices affect health and fitness. Includes computer utilization of personal dietary analysis and evaluation. Standard food guides and guidelines to select foods that would maximize individual health are utilized in this course.

PHED 10A AQUATICS: LEVEL I, BEGINNING SWIMMING 1 Unit
Advisory: Enrollment is limited to six times within the PHED 10 group.
3 hours laboratory. (36 total hours per quarter.)
May be taken six times for credit.
Introduction to swimming and safety skills. Includes physical and mental adjustment to water, buoyancy and body position, survival skills, and basic swim strokes.

PHED 10B AQUATICS: LEVEL II, INTERMEDIATE SWIMMING 1 Unit
Advisory: Enrollment is limited to six times within the PHED 10 group.
3 hours laboratory. (36 total hours per quarter.)
May be taken six times for credit.
A continuation of development of swim and safety skills beyond the beginning phase. Includes physical and mental adjustment to water, buoyancy and body position, survival skills, and the basic swim strokes.

PHED 11A WATER EXERCISE 1 Unit
Advisory: Enrollment is limited to six times within the PHED 11 group.
3 hours laboratory. (36 total hours per quarter.)
May be taken six times for credit.
A unique non-impact form of aquatic exercise designed to improve cardiovascular endurance, muscular strength, endurance, and flexibility while wearing a flotation belt to maintain an upright position in deep water.

PHED 13A INTERMEDIATE/ADVANCED WATER POLO 1 Unit
Advisory: Not open to students with credit in H P 8A.
3 hours laboratory. (36 total hours per quarter.)
May be taken six times for credit.
Intermediate/advanced water polo for competitive play. Includes offensive and defensive drills, strategies, and techniques.

PHED 19A FUNDAMENTALS OF TAI CHI 1 Unit
Advisory: Not open to students with credit in H P 83.
3 hours laboratory. (36 total hours per quarter.)
May be taken six times for credit.
Introduction to the internal martial art of Tai Chi. Includes practice and discussion of fundamental Tai Chi exercises and its relationship to mind-body awareness.

PHED 19B KICKBOXING FOR FITNESS 1 Unit
3 hours laboratory. (36 total hours per quarter.)
May be taken three times for credit.
Introduction to the basic skills and mechanics of kickboxing for fitness. Total cardiovascular workout emphasizing footwork, body mechanics, punching and kicking combinations and basic offensive and defensive techniques.

PHED 20A BEGINNING MAT PILATES 1 Unit
Advisory: Enrollment is limited to six times within the PHED 20 group.
3 hours laboratory. (36 total hours per quarter.)
May be taken six times for credit.
Traditional Mat Pilates exercises and principles are combined to achieve body control, core strength and joint mobility. Students must provide their own fitness mat.

PHED 20B INTERMEDIATE MAT PILATES 1 Unit
Advisory: Enrollment is limited to six times within the PHED 20 group.
3 hours laboratory. (36 total hours per quarter.)
May be taken six times for credit.
An intermediate level mat Pilates class focusing on fluid transitions between stretching and strengthening exercises to improve coordination, endurance, posture, flexibility and balance for a more streamlined shape. Students provide their own fitness mat.
# Summer Session 2012 Courses

<table>
<thead>
<tr>
<th>Course Number</th>
<th>CRN Course ID</th>
<th>Activity</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
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<td>VANDERHEIDEN</td>
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### Summer Session 2012 Courses

<table>
<thead>
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<th>Course Number</th>
<th>Title</th>
<th>Units</th>
<th>Activity</th>
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<th>Instructor</th>
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<td>PHED 34J</td>
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<td>RAIVIO</td>
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<td>ROSENBERG</td>
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<td>PHED 37</td>
<td>BADMINTON: SINGLES &amp; DOUBLES</td>
<td>3</td>
<td>LAB</td>
<td>12:00 PM–1:00 PM</td>
<td>MTWTh</td>
<td>BAUM</td>
<td>MCPAV</td>
</tr>
<tr>
<td>PHED 38A</td>
<td>BASKETBALL FUNDAMENTALS</td>
<td>1</td>
<td>LAB</td>
<td>7:10 PM–11:25 PM</td>
<td>Th</td>
<td>MARQUES</td>
<td>MCPAV</td>
</tr>
<tr>
<td>PHED 38B</td>
<td>BASKETBALL GAME SKILLS</td>
<td>1</td>
<td>LAB</td>
<td>5:30 PM–7:30 PM</td>
<td>Th</td>
<td>STROUT</td>
<td>MCPAV</td>
</tr>
</tbody>
</table>

**Advisory:** Participation in soccer tournament competition at an intermediate and advanced level of play. May be taken six times for credit.

**Advisory:** Not open to students with credit in H P 35K. 6 hours lecture-laboratory. (72 total hours per quarter.) May be taken six times for credit.

**Advisory:** Not open to students with credit in H P 23A. 3 hours laboratory. (36 total hours per quarter.) May be taken six times for credit.

**Advisory:** Strategy and competition for both singles and doubles in badminton play. 3 hours laboratory. (36 total hours per quarter.) May be taken six times for credit.

**Advisory:** Enrollment is limited to six times within the PHED 38 group. 3 hours laboratory. (36 total hours per quarter.) May be taken six times for credit.

**Advisory:** Tournament play plus an individual emphasis on intermediate skill development and the techniques of team play. May be taken six times for credit.

**Advisory:** An indoor cycling program to enhance cardiovascular fitness and improve cycling techniques. Emphasis will be on improving endurance through non-impact activity. Enrollment is limited to six times within the PHED 41 group. 3 hours laboratory. (36 total hours per quarter.) May be taken six times for credit.

**Advisory:** Cardio interval exercise set to appropriate cadence music on an indoor bicycle with periods of aerobic and anaerobic work mixed with appropriate recovery periods. Enrollment is limited to six times within the PHED 41 group. 3 hours laboratory. (36 total hours per quarter.) May be taken six times for credit.

**Advisory:** A comprehensive study of the physical skills and practice for lifetime enjoyment of bowling. 3 hours laboratory. (36 total hours per quarter.) May be taken six times for credit.

**Advisory:** The course is designed to increase muscle strength, endurance and cardiovascular fitness through self-paced program of use on cardio, strength and fitness machines. 3 hours laboratory. (36 total hours per quarter.) May be taken six times for credit.

**Advisory:** A total body conditioning class that emphasizes intense free weight exercises set to music and incorporates core conditioning. Featured equipment includes dumbbells, body bar, resistance bands, body weight and balls. Students must provide their own fitness mat. 3 hours laboratory. (36 total hours per quarter.) May be taken six times for credit.
<table>
<thead>
<tr>
<th>Course Number</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHED 47B</td>
<td>THIGHS, ABS &amp; GLUTEUS (TAG)</td>
<td>1 Unit</td>
</tr>
<tr>
<td>PHED 49A</td>
<td>SURVIVOR TRAINING</td>
<td>1 Unit</td>
</tr>
<tr>
<td>PHED 50C</td>
<td>NUTRITIONAL ASSESSMENT &amp; FITNESS</td>
<td>1 Unit</td>
</tr>
<tr>
<td>PHED 62A</td>
<td>CLINICAL EXPERIENCES IN SPORTS MEDICINE I</td>
<td>3 Units</td>
</tr>
<tr>
<td>PHYS 2A</td>
<td>GENERAL PHYSICS</td>
<td>5 Units</td>
</tr>
<tr>
<td>PHYS 47B</td>
<td>CLINICAL EXPERIENCES IN SPORTS MEDICINE II</td>
<td>3 Units</td>
</tr>
</tbody>
</table>

**PHYSICS**

Physical Sciences, Mathematics & Engineering  
(650) 949-7259  
www.foothill.edu/psme/
PHYS 2B  GENERAL PHYSICS 5 Units
Prerequisite: PHYS 2A.
4 hours lecture, 1 hour lecture-laboratory, 2 hours laboratory. (84 total hours per quarter.)
Not Repeatable.
Lectures, demonstrations, and problems in thermodynamics; electricity and magnetism.

PHYS 4A  GENERAL PHYSICS (CALCULUS) 6 Units
Prerequisite: High school physics or PHYS 6 (highly recommended), or PHYS 2A.
Advisory: Not open to students that have credit in PHYS 5A and 5B.
Corequisite: Completion of or concurrent enrollment in MATH 1B.
5 hours lecture, 1 hour lecture-laboratory, 2 hours laboratory. (96 total hours per quarter.)
Not Repeatable.
Mathematics: physics interrelationships, classical Newtonian mechanics.

PHYS 4B  GENERAL PHYSICS (CALCULUS) 6 Units
Prerequisite: PHYS 4A.
Corequisite: Completion of or concurrent enrollment in MATH 1C.
5 hours lecture, 1 hour lecture-laboratory, 2 hours laboratory. (96 total hours per quarter.)
Not Repeatable.
Classical electricity and magnetism.

PHYS 6  INTRODUCTORY PHYSICS 5 Units
Prerequisite: Satisfactory score on the mathematics placement test or MATH 48C.
5 hours lecture. (60 total hours per quarter.)
Not Repeatable.
Lectures, demonstrations, and problems in mechanics, electricity and magnetism.

POLITICAL SCIENCE

Business & Social Sciences
(650) 949-7322
www.foothill.edu/bss/

POLI 1 POLITICS: INTRODUCTION TO AMERICAN GOVERNMENT & POLITICS 5 Units
Advisory: Eligibility for ENGL 1A or ESL 26.
5 hours lecture. (60 total hours per quarter.)
Not Repeatable.
Contemporary analysis of the structure and function of American Government, its constitutional and political systems at the federal, state and local levels. Focus on the following topics: paradigms in the social sciences, models of justice and models of democracy, evolution of American elites and American constitutionalism, role of media in American political culture, political parties and political socialization, concept of the separation of powers: legislative, executive and judicial branches, protest and political movements, Civil Rights Acts of 1964 and 1991.

Primary Care Associate

Biological & Health Sciences
(650) 725-6959
www.foothill.edu/bio/programs/primary/

PCA 51A BASIC SCIENCE/MICROBIOLOGY/INFECTIOUS DISEASE 2 Units
Formerly: PC 190Z
Prerequisite: PC 100.
Advisory: Not open to students with credit in PC 190Y.
2 hours lecture. (24 total hours per quarter.)
Not Repeatable.
Review of microbiology, cell physiology, molecular basis of biologic processes including genetics and the immune response. Builds on pre-entry knowledge to advance the depth and application of that knowledge to the range of disease states commonly seen in primary medical care. Coordinates with concurrent introductory topics in pharmacology. Includes function of organisms that cause human disease: prion, virus, prarykaryotic bacteria, fungi, parasites. Prepares student for understanding the infectious disease process experienced in interaction of host and infecting organism. Required for Physician Assistant students.
**Summer Session 2012 Courses**

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>PCA 52A</td>
<td>ANATOMY/PHYSIOLOGY/PATHOPHYSIOLOGY I</td>
<td>5</td>
</tr>
<tr>
<td>PCA 53A</td>
<td>PHARMACOLOGY I</td>
<td>3</td>
</tr>
<tr>
<td>PCA 54A</td>
<td>PRE-CLINICAL I</td>
<td>3</td>
</tr>
<tr>
<td>PCA 55A</td>
<td>PROFESSIONALISM/CULTURAL MEDICINE I</td>
<td>1</td>
</tr>
<tr>
<td>PCA 56A</td>
<td>CORE MEDICINE I</td>
<td>6</td>
</tr>
<tr>
<td>PCA 56E</td>
<td>CORE MEDICINE V</td>
<td>1.5</td>
</tr>
</tbody>
</table>

**PCAS - Preclinical Courses**

- **PCA 52A**: ANATOMY/PHYSIOLOGY/PATHOPHYSIOLOGY I 5 Units
  - Prerequisite: PCA 50.
  - 4 hours lecture, 3 hours laboratory. (84 total hours per quarter.)
  - Not Repeatable.

- **PCA 53A**: PHARMACOLOGY I 3 Units
  - Prerequisite: PCA 50.
  - 3 hours lecture. (36 total hours per quarter.)
  - Not Repeatable.

- **PCA 54A**: PRE-CLINICAL I 3 Units
  - Formerly: P C 80P
  - Prerequisite: Admission to the Primary Care Associate Program.
  - 1 hour lecture, 6 hours laboratory. (84 total hours per quarter.)
  - Not Repeatable.

- **PCA 55A**: PROFESSIONALISM/CULTURAL MEDICINE I 1 Unit
  - Prerequisite: PCA 50.
  - 1 hour lecture. (12 total hours per quarter.)
  - Not Repeatable.

- **PCA 56A**: CORE MEDICINE I 6 Units
  - Formerly: P C 80
  - Prerequisite: PCA 50.
  - Advisory: Not open to students with credit in P C 80.
  - 6 hours lecture. (72 total hours per quarter.)
  - Not Repeatable.

- **PCA 56E**: CORE MEDICINE V 1.5 Units
  - Formerly: P C 83
  - Prerequisite: PCA 56D.
  - Advisory: Not open to students with credit in P C 83.
  - 1.5 hours lecture. (18 total hours per quarter.)
  - Not Repeatable.

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**Psychology**

**PSYC 1 - General Psychology**

5 units

- Lecture 5 hours per week (60 total hours per quarter).
- Not Repeatable.

**Course Number  | Title                                      | Units   |
<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>10648 PSYC 001-01W LEC</td>
<td>PSYC 001-01W Offered via Internet. After registering, you must refer to course descriptions at <a href="http://www.foothill.edu/cls/">www.foothill.edu/cls/</a> for information on how to begin.</td>
<td>5</td>
</tr>
<tr>
<td>10197 PSYC 001-03W LEC</td>
<td>PSYC 001-03W Offered via Internet. After registering, you must refer to course descriptions at <a href="http://www.foothill.edu/cls/">www.foothill.edu/cls/</a> for information on how to begin.</td>
<td>5</td>
</tr>
<tr>
<td>10198 PSYC 001-04W LEC</td>
<td>PSYC 001-04W Offered via Internet. After registering, you must refer to course descriptions at <a href="http://www.foothill.edu/cls/">www.foothill.edu/cls/</a> for information on how to begin.</td>
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<tr>
<td>10199 PSYC 001-05W LEC</td>
<td>PSYC 001-05W Offered via Internet. After registering, you must refer to course descriptions at <a href="http://www.foothill.edu/cls/">www.foothill.edu/cls/</a> for information on how to begin.</td>
<td>5</td>
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<tr>
<td>10649 PSYC 001-06W LEC</td>
<td>PSYC 001-06W Offered via Internet. After registering, you must refer to course descriptions at <a href="http://www.foothill.edu/cls/">www.foothill.edu/cls/</a> for information on how to begin.</td>
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</tr>
<tr>
<td>10663 PSYC 001-07Y LEC</td>
<td>PSYC 001-07Y Offered via Internet. After registering, you must refer to course descriptions at <a href="http://www.foothill.edu/cls/">www.foothill.edu/cls/</a> for information on how to begin.</td>
<td>5</td>
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</table>

For more information about the online psychology degree, visit www.foothill.edu/bss/business/social-sciences/psychology/

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Unless otherwise noted in the schedule, June-Start Summer Session courses run June 11–July 20; July-Start Summer Session courses run July 2–Aug. 11. All courses are Title 5 Degree applicable credit courses unless otherwise noted. All fee payments are due at time of registration. Instructors are not obligated to hold a seat for the student who is enrolled but does not attend the first class meeting. The course listings in this PDF were accurate as of April 23, 2012. Course listing and footnote information may have significantly changed. For the most accurate, current course listings, always access the class schedule.
**SUMMER SESSION 2012 COURSES**

<table>
<thead>
<tr>
<th>Course Number</th>
<th>CRN</th>
<th>Title</th>
<th>Units</th>
<th>Activity</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYC 004</td>
<td>001</td>
<td>PSYC-004.-01W</td>
<td>4</td>
<td>LEC</td>
<td>TBA</td>
<td>TBA</td>
<td>GEFFARRELL</td>
<td>ONLINE</td>
</tr>
<tr>
<td>PSYC 001</td>
<td>001</td>
<td>PSYC-001.-09W</td>
<td>4</td>
<td>LEC</td>
<td>TBA</td>
<td>TBA</td>
<td>PILATI CORSELLI</td>
<td>ONLINE</td>
</tr>
<tr>
<td>PSYC 001</td>
<td>010</td>
<td>PSYC-001.-10W</td>
<td>4</td>
<td>LEC</td>
<td>TBA</td>
<td>TBA</td>
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<td>ONLINE</td>
</tr>
<tr>
<td>PSYC 001</td>
<td>009</td>
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<td>4</td>
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<td>TBA</td>
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<td>PILATI CORSELLI</td>
<td>ONLINE</td>
</tr>
<tr>
<td>PSYC 001</td>
<td>008</td>
<td>PSYC-001.-08W</td>
<td>4</td>
<td>LEC</td>
<td>TBA</td>
<td>TBA</td>
<td>GEE</td>
<td>ONLINE</td>
</tr>
<tr>
<td>PSYC 004</td>
<td>002</td>
<td>PSYC-004.-02W</td>
<td>4</td>
<td>LEC</td>
<td>TBA</td>
<td>TBA</td>
<td>MANAGER</td>
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<tr>
<td>PSYC 004</td>
<td>003</td>
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<td>4</td>
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<td>TBA</td>
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<td>STAFF</td>
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<tr>
<td>PSYC 004</td>
<td>004</td>
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<td>LEC</td>
<td>TBA</td>
<td>TBA</td>
<td>STAFF</td>
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**PSYC 4**
INTRODUCTION TO BIOPSYCHOLOGY
Advisory: PSYC 1.
4 hours lecture. (48 total hours per quarter.)
Not Repeatable.
Examinees biological aspects of behavior and consciousness, brain structures, functions, and the brain-behavior connection. Mechanism and biological and sensory processes associated with learning, perception, motivation, emotion and speech. Central and peripheral nervous system processes underlying the behavior of humans and animals.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Activity</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
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<tbody>
<tr>
<td>10200</td>
<td>PSYC-004.-01W</td>
<td>LEC</td>
<td>TBA</td>
<td>MELUCCI</td>
<td>ONLINE</td>
</tr>
<tr>
<td>10200</td>
<td>PSYC-004.-01W</td>
<td>LEC</td>
<td>TBA</td>
<td>MELUCCI</td>
<td>ONLINE</td>
</tr>
</tbody>
</table>

**PSYC 25**
INTRODUCTION TO ABNORMAL PSYCHOLOGY
Advisory: College-level reading and writing ability.
4 hours lecture. (48 total hours per quarter.)
Not Repeatable.
Introduction to the scientific study of psychopathology. Investigation of psychological disorders from various theoretical perspectives such as biological, psychodynamic, behavioral, sociocultural, cognitive, and humanistic approaches. Survey of psychological disorders and their major causes and treatments.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Activity</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>10201</td>
<td>PSYC-025.-01W</td>
<td>LEC</td>
<td>TBA</td>
<td>HORAN</td>
<td>ONLINE</td>
</tr>
<tr>
<td>10201</td>
<td>PSYC-025.-01W</td>
<td>LEC</td>
<td>TBA</td>
<td>HORAN</td>
<td>ONLINE</td>
</tr>
</tbody>
</table>

**PSYC 30**
SOCIAL PSYCHOLOGY
Advisory: Not open to students with credit in SOC 30; College-level reading and writing ability.
4 hours lecture. (48 total hours per quarter.)
Not Repeatable.
Survey of human behavior in relation to the social environment. Focus on human interaction and the shaping of diverse and commonly-shared attitudes, beliefs and worldviews by society, culture and social groups. Emphasis on how individuals are influenced behaviorally, emotionally, and cognitively. Topics include but not limited to social cognition, aggression, interpersonal attraction, attitudes, social influence, prejudice and discrimination, gender, person perception, and cultural norms.

**PSYC 40**
HUMAN DEVELOPMENT
Advisory: ENGL 1A or equivalent; PSYC 1 or equivalent high school or college introductory psychology course.
5 hours lecture. (60 total hours per quarter.)
Not Repeatable.
The Psychology of human development includes intellectual, social and personality development through the life span. This includes comprehensive presentation of the issues, forces, and outcomes that make us who we are. Topics in childhood and adolescence, emphasis child development including all stages from conception, through childhood, adolescence, adult issues, later life and gerontology, cover all life-span stages and important topics. Development is presented in a chronological and sequential order from conception through late life, while also presenting important themes and theories essential to this field of psychology. The course provides an extensive amount of information on developmental stages covering theoretical and empirical foundations that enable students to become educated, critical interpreters of developmental information. A blend of basic and applied research, as well as coverage of controversial topics and emergent trends, demonstrating connections between the laboratory and life is presented.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Activity</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>10202</td>
<td>PSYC-030.-01W</td>
<td>LEC</td>
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<td>CORNIER</td>
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<tr>
<td>10202</td>
<td>PSYC-030.-01W</td>
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<td>TBA</td>
<td>CORNIER</td>
<td>ONLINE</td>
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<tr>
<td>10202</td>
<td>PSYC-030.-02W</td>
<td>LEC</td>
<td>TBA</td>
<td>CORNIER</td>
<td>ONLINE</td>
</tr>
</tbody>
</table>

**PSYC 49**
HUMAN SEXUALITY
4 hours lecture. (48 total hours per quarter.)
Not Repeatable.
Current scientific analysis of and information on sexual functioning and sexuality. Basic questions regarding sexual behavior, sexual roles, anatomy and physiology of sexual response, social patterns of sexual behavior, sexual adjustment and maladjustment. Includes treatment of sexual dysfunction, sex variance, the reproductive span of contraception-pregnancy-birth, sexual disease. Legal, political and cultural aspects of sexual behavior.

**PSYC 55**
PSYCHOLOGY OF SPORTS
4 hours lecture. (48 total hours per quarter.)
Not Repeatable.
Current scientific analysis of and information on sexual functioning and sexuality. Basic questions regarding sexual behavior, sexual roles, anatomy and physiology of sexual response, social patterns of sexual behavior, sexual adjustment and maladjustment. Includes treatment of sexual dysfunction, sex variance, the reproductive span of contraception-pregnancy-birth, sexual disease. Legal, political and cultural aspects of sexual behavior.

**RADIOLOGY TECHNOLOGY**

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Title</th>
<th>Units</th>
<th>Activity</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL</td>
<td>ORIENTATION TO RADIATION SCIENCE TECHNOLOGIES</td>
<td>2</td>
<td>LEC</td>
<td>8:00 AM-10:50 AM</td>
<td>MTWTH</td>
<td>KEY</td>
<td>S501</td>
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<tr>
<td>BIOL</td>
<td>RT 50</td>
<td>2</td>
<td>LEC</td>
<td>8:00 AM-10:50 AM</td>
<td>MTWTH</td>
<td>KEY</td>
<td>S501</td>
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</table>

Unless otherwise noted in the schedule, June-Start Summer Session courses run June 11–July 20; July-Start Summer Session courses run July 2–Aug. 11. All courses are Title 5 Degree applicable credit courses unless otherwise noted. All fee payments are due at time of registration. Instructors are not obligated to hold a seat for the student who is enrolled but does not attend the first class meeting. The course listings in this PDF were accurate as of April 23, 2012. Course listing and footnote information may have significantly changed. For the most accurate, current course listings, always access the class schedule.
### Summer Session 2012 Courses

#### Course Listings

<table>
<thead>
<tr>
<th>Course Number</th>
<th>CRN</th>
<th>Course ID</th>
<th>Activity</th>
<th>Title Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Orientation to Radiologic Technology</strong></td>
<td>10722</td>
<td>RT-053-01</td>
<td>LAB 8:00 AM–1:30 PM MTWTh</td>
<td>KEY</td>
<td>HOSP</td>
<td>R T-053-01: Class meets 9/4-9/13. Course fee, SS.</td>
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<tr>
<td><strong>Applied Radiologic Technology IV</strong></td>
<td>10723</td>
<td>RT-053D-01</td>
<td>LAB 8:00 AM–3:30 PM MTTThF</td>
<td>WHEELER</td>
<td>HOSP</td>
<td>R T-053D-01: Class meets 10 weeks, 7/9-9/14.</td>
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</tr>
<tr>
<td><strong>Fluoroscopy</strong></td>
<td>10730</td>
<td>RT-064-01</td>
<td>LEC 8:00 AM-12:50 PM W</td>
<td>WHEELER</td>
<td>S210</td>
<td>R T-064-01: Class meets 7/11-8/29. Course fee, SS.</td>
<td></td>
</tr>
<tr>
<td><strong>Venipuncture</strong></td>
<td>10731</td>
<td>RT-072-01</td>
<td>LEC 3:30 PM–4:45 PM W</td>
<td>CAMPBELL</td>
<td>S210</td>
<td>R T-072-01: Class meets 7/11-8/29. Course fee, SS.</td>
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</tr>
<tr>
<td><strong>Radiologic Technology as a Career</strong></td>
<td>10318</td>
<td>RT-200L-51</td>
<td>L-L 12:00 PM-3:30 PM T</td>
<td>WHEELER</td>
<td>S210</td>
<td>R T-200L-51: Class begins Tues. 7/3. This course requires clinical observation located off campus. Students will be dropped if they do not attend the first class meeting.</td>
<td></td>
</tr>
</tbody>
</table>

### Respiratory Therapy

**Biological & Health Sciences** *(650) 949-7538*  
www.foothill.edu/bio/programs/respther/

There is a selective admission process to enroll in these classes. For an application, call (650) 949-7538.

---

**Course Number**

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course ID</th>
<th>Activity</th>
<th>Title Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
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<tbody>
<tr>
<td><strong>Directed Studies in Respiratory Therapy IV</strong></td>
<td>10709</td>
<td>RSPT-055D-01</td>
<td>LAB TBA TBA</td>
<td>HANNING</td>
<td>S307</td>
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<tr>
<td><strong>Adult Mechanical Ventilation</strong></td>
<td>10274</td>
<td>RSPT-061A-02</td>
<td>LEC 9:00 AM–2:50 PM M</td>
<td>MILLER</td>
<td>S210</td>
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</tr>
<tr>
<td><strong>Clinical Rotation I</strong></td>
<td>10127</td>
<td>RSPT-070A-01</td>
<td>LAB 9:00 AM–2:50 PM F</td>
<td>MILLER</td>
<td>S307</td>
<td></td>
</tr>
<tr>
<td><strong>Introduction to Respiratory Therapy</strong></td>
<td>10633</td>
<td>RSPT-200L-01</td>
<td>L-L TBA HANNING</td>
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**RotC**

Foothill College participates in the Reserve Officer Training Corps (ROTC) programs at area universities so that students who want to earn ROTC credit may do so. Foothill College students can enroll in lower-division ROTC coursework which can ultimately result in a commission as an officer. For more information, call one of the following representatives:

- **Air Force**: 408-544-4781
- **Navy**: 510-642-3353
- **Army**: 408-924-2960
- **Navy**: 408-544-4781

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Unless otherwise noted in the schedule, June-Start Summer Session courses run June 11–July 20; July-Start Summer Session courses run July 2–Aug. 11. All courses are Title 5 Degree applicable credit courses unless otherwise noted. All fee payments are due at time of registration. Instructors are not obligated to hold a seat for the student who is enrolled but does not attend the first class meeting. The course listings in this PDF were accurate as of April 23, 2012. Course listing and footnote information may have significantly changed. For the most accurate, current course listings, always access the class schedule.
### SOCIAL SCIENCE

#### Business & Social Sciences

For more information about the online general studies/social science degree, access www.foothillglobalaccess.org/main/onlineossci.htm

**SOC 36Z** SPECIAL PROJECTS IN SOCIAL SCIENCE 4 Units
Advisory: Enrollment is limited to those within the SOC 36 group.
4 hours lecture, (12 total hours per quarter.)
May be taken six times for credit.
Advanced readings, research, and/or project in social science. Specific topics determined in consultation with instructor.

**SOC 11 INTRODUCTION TO SOCIAL WELFARE** 5 Units
5 hours lecture. (60 total hours per quarter.)
Not Repeatable.
Introduction to the field of social work, the scientific study of human society and the contemporary world, and the interaction of individuals and groups in society. Analysis of major theories, concepts, methods, social institutions, and social processes. Development of a sociological imagination and social context analysis. Society in its social class, racial and gendered dynamics.

**SOC 10 RESEARCH METHODS & DESIGNS** 5 Units
Prerequisite: PSYC 1 or SOC 1.
Advisory: MATH 10; College-level reading and writing ability; not open to students with credit in PSYC 10.
4 hours lecture, 3 hours laboratory. (84 total hours per quarter.)
Not Repeatable.
Survey of the various quantitative and qualitative research methods. Emphasis on the research design, planning, experimental procedures, and the collection, analysis, interpretation, and reporting of data. Laboratory emphasis on group work, data entry, and analysis of data with statistical software.

### Sociology

#### Business & Social Sciences

See also Women's Studies. Two certificates are available: Certificate of Achievement in Sociology and Certificate of Proficiency in Sociology-Social Welfare. For information on the online program, visit www.foothillglobalaccess.org/main/aa_sociology.htm

**SOC 1 INTRODUCTION TO SOCIOLOGY** 5 Units
5 hours lecture. (60 total hours per quarter.)
Not Repeatable.
Introduction to the field of sociology; the scientific study of human society and the contemporary world, and the interaction of individuals and groups in society. Analysis of major theories, concepts, methods, social institutions, and social processes. Development of a sociological imagination and social context analysis. Society in its social class, racial and gendered dynamics.

**SOC 23 RACE & ETHNIC RELATIONS** 4 Units
4 hours lecture. (48 total hours per quarter.)
Not Repeatable.
Focus on the meaning of race and ethnicity as it relates to intergroup relations in the USA. Inclusive analysis of concepts, theories, socio-legal effects of the Civil Rights Movement, public policy and its impact on diverse racial and ethnic populations in the USA. Historical and sociological assessment of majority-minority relations with emphasis on the perspectives of African-Americans, Hispanic/Latino-Americans, Asian-Americans and the indigenous Native American tribes. Demographic implications of race and ethnicity relations on USA's economic, political and educational institutions. Relationship among race, ethnicity and poverty.

**SOC 20 MAJOR SOCIAL PROBLEMS** 4 Units
4 hours lecture. (48 total hours per quarter.)
Not Repeatable.
An identification and analysis of contemporary social problems including (1) the role of power and ideology in the definition of social problems, (2) their causes and consequences, (3) evaluations of proposed solutions, and (4) methods of intervention. Topics will vary.

**SOC 19 ALCOHOL & DRUG ABUSE** 4 Units
4 hours lecture. (48 total hours per quarter.)
Not Repeatable.
Introduction to problems of substance abuse. History and classification of alcohol and drug abuse. Equips human service workers and general public with knowledge about issues involved in alcohol and drug abuse. Intervention and rehabilitation programs as well as public policy paradigms are examined.

**SOC 15 LAW & SOCIETY** 4 Units
4 hours lecture. (48 total hours per quarter.)
Not Repeatable.
Introduction to the relationship of law, society and the individual. Institutional analysis of factors underlying the creation, maintenance, and change of legal systems. Theories of jurisprudence and practical problems of law enforcement and the administration of justice.

**SOC 11 INTRODUCTION TO SOCIAL WELFARE** 5 Units
5 hours lecture. (60 total hours per quarter.)
Not Repeatable.
Sociological perspective of social welfare and the social services system as a field of study and profession. Historical overview of social problems and development of the professional fields. Focus on range of sociological theory to explain development of social services systems, their core concepts, value systems and methods.

**SOC 10 RESEARCH METHODS & DESIGNS** 5 Units
Prerequisite: PSYC 1 or SOC 1.
Advisory: MATH 10; College-level reading and writing ability; not open to students with credit in PSYC 10.
4 hours lecture, 3 hours laboratory. (84 total hours per quarter.)
Not Repeatable.
Survey of the various quantitative and qualitative research methods. Emphasis on the research design, planning, experimental procedures, and the collection, analysis, interpretation, and reporting of data. Laboratory emphasis on group work, data entry, and analysis of data with statistical software.

**SOC 30 SOCIAL PSYCHOLOGY** 4 Units
Advisory: Not open to students with credit in PSYC 30; College-level reading and writing ability.
4 hours lecture. (48 total hours per quarter.)
Not Repeatable.
Survey of human behavior in relation to the social environment. Focus on human interaction and the shaping of diverse and commonly-shared attitudes, beliefs and worldviews by society, culture and social groups. Emphasis on how individuals are influenced behaviorally, emotionally, and cognitively. Topics include but not limited to social cognition, aggression, interpersonal attraction, attitudes, social influence, prejudice and discrimination, gender, person perception, and cultural norms.
Course Number | CRN | Course ID | Activity | Time | Days | Instructor | Location | Title | Units | Title | Units
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10209 | 10209 | SOC-030.-01W | LEC | TBA | TBA | CORMIER | ONLINE | ASPECTS OF MARRIAGE & FAMILY | 4 | Units | Not Repeatable. Survey of empirical studies conducted by family sociologists from varied theoretical orientations. Focus on social influences affecting the American expressions of intimate life styles related to relationships, marriage and family systems. Exposure to the methods of social research.
10691 | 10691 | SOC-040.-01W | LEC | TBA | TBA | ROBERTS | ONLINE | SOC-040.-01W | 4 | Units | Not Repeatable. Title 5 Degree applicable credit courses unless otherwise noted. All fee payments are due at time of registration. Instructors are not obligated to hold a seat for the student who is enrolled but does not attend the first class meeting. The "S" icon denotes Off-Campus and/or online course. Fine Arts & Communication (650) 949-7262
10738 | 10738 | SPAN-001.-01 | LEC | 8:00 AM-2:00 PM | MTWTH | COFFIN | MC | SPAN-001.-01 | 5 | Units | Not Repeatable. Further development and practice of elementary speaking, listening, reading and writing skills in everyday language functions, with Spanish as the primary language of instruction. Language laboratory practice to reinforce pronunciation, grammar and syntax. Study of basic geographical, historical and cultural aspects of Spanish-speaking world areas.
10729 | 10729 | SPAN-001.-02 | LEC | 9:00 AM-12:10 PM | TWTh | RIVERA-MONTANEZ | MC | SPAN-001.-02 | 5 | Units | Not Repeatable. Further development and practice of elementary speaking, listening, reading and writing skills in everyday language functions, with Spanish as the primary language of instruction. Language laboratory practice to reinforce pronunciation, grammar and syntax. Study of basic geographical, historical and cultural aspects of Spanish-speaking world areas.
10739 | 10739 | SPAN-002.-01 | LEC | 8:00 AM-2:00 PM | MTWTH | COFFIN | MC | SPAN-002.-01 | 5 | Units | Not Repeatable. Further development and practice of elementary speaking, listening, reading and writing skills in everyday language functions, with Spanish as the primary language of instruction. Language laboratory practice to reinforce pronunciation, grammar and syntax. Study of basic geographical, historical and cultural aspects of Spanish-speaking world areas.
10740 | 10740 | SPAN-003.-01 | LEC | 8:00 AM-2:00 PM | MTWTH | CHAMORRO JR | MC | SPAN-003.-01 | 5 | Units | Not Repeatable. Further development and practice of elementary speaking, listening, reading and writing skills in everyday language functions, with focus on greater structural accuracy and communicative competence, and with Spanish as the language of instruction. Language laboratory practice to reinforce pronunciation, grammar and syntax. Study of basic geographical, historical and cultural aspects of Spanish-speaking world areas.
10367 | 10367 | THTR-001.-01W | LEC | TBA | TBA | MC LEO | ONLINE | THTR-001.-01W | 4 | Units | Not Repeatable. Live performance in an electronic age - an overview of the status of live theatre including its historical, cultural and spiritual roots.
10246 | 10246 | THTR-020A-01 | LEC | 10:30 AM-12:20 PM | TWTh | CAREY | 8002 | 4 | Units | Not Repeatable. Introduction to the craft of acting, including theory and technique emphasizing body movement, voice production, articulation, characterization principles of motivation, scene analysis, cultural empathy through standard theatre games, exercises, monologues, scenes and the background research thereof.
10247 | 10247 | THTR-020B-01 | LAB | 12:40 PM-2:30 PM | TWTh | CAREY | 8002 | 4 | Units | Not Repeatable. Further development of concepts introduced in THTR 20A, with emphasis on expanding the students’ performance potential through probing greater depths of character analysis and text interpretation.
10369 | 10369 | THTR-020C-01 | LAB | 10:30 AM-12:20 PM | TWTh | CAREY | 8002 | 4 | Units | Not Repeatable. Further development of concepts introduced in THTR 20A and 20B with focus on the performance of selected scenes from works of specific periods to acquaint students with the breadth of theatre performance literature.
10370 | 10370 | THTR-020E-01 | LEC | 10:30 AM-12:20 PM | TWTh | CAREY | 8002 | 4 | Units | Formerly: DRAM 20E
10248 | 10248 | THTR-020F-01 | LAB | 12:40 PM-2:30 PM | TWTh | CAREY | 8002 | 4 | Units | Not Repeatable. This course specifically targets developing skills of the highly advanced ancient actor addressing a variety of targeted challenges in stage portrayal of comedy, dramatic realism, improvisation and others. Featured study and practice will combine and assess past acting practices with contemporary trends with a focus towards refining and strengthening the individual artists preparation process for portrayal in theatrical productions.
### Summer Session 2012 Courses

<table>
<thead>
<tr>
<th>Course Number</th>
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<th>Units</th>
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<tr>
<td>THTR 31</td>
<td>FUNDAMENTALS OF STAGE MANAGEMENT</td>
<td>2 Units</td>
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**formerly: THTR 71**

Advisory: THTR 20A or concurrent enrollment in THTR 21A, 21B, or 21C; not open to students with credit in DRAM 71, THTR 71, or 71X.

2 hours lecture. (24 total hours per quarter.) Not Repeatable.

An introduction to stage management techniques in form and function for the theatre. Fundamentals of stage management procedures related to the rehearsal process. Practices in production administration through the use of stage management forms.

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<tr>
<th>CRN</th>
<th>Course ID</th>
<th>Activity</th>
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<th>Time</th>
<th>Days</th>
<th>Instructor</th>
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**THTR 95** THEATRE SUMMER STOCK WORKSHOP 3 Units

Advisory: Enrollment subject to audition; enrollment is limited to six times within the THTR 95 group.

9 hours laboratory for 3 units of credit. (108 total hours per quarter.) May be taken six times for credit.

A laboratory course in Summer Stock stage production. Acting, lighting, costuming, scene design, set construction, properties, make-up will be investigated in a practical setting. Students will experience the public performance of several plays presented within a demanding schedule.

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<th>CRN</th>
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**THTR 95X** THEATRE SUMMER STOCK WORKSHOP 7 Units

Advisory: Enrollment subject to audition; enrollment is limited to six times within the THTR 95 group.

21 hours laboratory. (252 total hours per quarter.) May be taken six times for credit.

A laboratory course in Summer Stock stage production. Acting, lighting, costuming, scene design, set construction, properties, make-up will be investigated in a practical setting. Students will experience the public performance of several plays presented within a demanding schedule.

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<th>CRN</th>
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### Veterinary Technology

#### Biological & Health Sciences (650) 949-7538 www.foothill.edu/bio/programs/vettech/

There is a selective admission process required prior to enrolling in these courses. For an application, access: www.foothill.edu/bio/programs/vettech/ Selective admission process does not apply to the Veterinary Assistant Certificate courses (VT 52A, 52B, 88A, 88B).

**VT 52A** VETERINARY ASSISTING I 5 Units

5 hours laboratory. (60 total hours per quarter.) Not Repeatable.

First in a two-course series in the theory and practice of Veterinary Assisting focusing on the knowledge, skills, and attitudes required for competent paraprofessional support to the Veterinarian (DVM) and to the Registered Veterinary Technician (RVT). The student will prepare for an exciting career as a Veterinary Assistant by learning the essential knowledge and hands-on skills. Emphasis is on the practical aspects of front office management, working as part of the veterinary health care team, basic animal care, and fundamentals of patient management under direct supervision. The course is entirely on-line and may be taken as a stand-alone class or may be combined with VT 52A and VT 88A & VT 88B Clinical Preceptorships to earn a Veterinary Assisting Program Certificate of Completion.

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**VT 52B** VETERINARY ASSISTING II 5 Units

Prerequisite: VT 52A.

5 hours lecture. (60 total hours per quarter.) Not Repeatable.

Second in a two-course series in the theory and practice of Veterinary Assisting focusing on the knowledge, skills, and attitudes required for competent paraprofessional support to the Veterinarian (DVM) and to the Registered Veterinary Technician (RVT). The student will prepare for an exciting career as a Veterinary Assistant by learning the essential knowledge and hands-on skills. Emphasis is on the practical aspects of front office management, working as part of the veterinary health care team, basic animal care, and fundamentals of patient management under direct supervision. The course is entirely on-line and may be taken as a stand-alone class or may be combined with VT 52A and VT 88A & VT 88B Clinical Preceptorships to earn a Veterinary Assisting Program Certificate of Completion.

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**VT 53E** INTRODUCTION TO SMALL RUMINANT HEALTH MANAGEMENT 2 Units

Advisory: Must be a student in good standing in the Veterinary Technology Program or a current Hidden Villa Farm Intern.

1 hour lecture, 2 hours lecture-laboratory. (36 total hours per quarter.) Not Repeatable.

A series of lectures, live demonstrations, and hands-on sessions. All instruction will take place on the farm at Hidden Villa. Introduction to the principles of husbandry and health management of sheep and dairy goats. Breed identification; housing and restraint; nutrition and feeding; common infectious disease and vaccinations; common internal and external parasite management; common veterinary medicines and food animal restrictions; breeding, gestation, and parturition. Course intended for students enrolled in the Veterinary Technology Program.

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**VT 75D** ANIMAL CARE SKILLS IV 1 Unit

Prerequisite: VT 75C.

3 hours laboratory. (36 total hours per quarter.) Not Repeatable.

Continuation of VT 75C. Practical application of animal care skills and principles of animal care and management using techniques and knowledge learned in the veterinary technology classroom. Level of responsibility increases to that of a second year student in the veterinary technology program as they take over the lead nurse responsibilities. Opportunity to lead the health care team involved in the care, management and husbandry of livestock, companion animals and laboratory animals. Responsibilities include medical record keeping, inventory control, and care of clinical equipment. Emphasis will be on the more advanced principles and application of clinical facility management, care of resident teaching animals, and routine maintenance duties. Degree of supervision is low with students working independently under indirect supervision of the instructor. Enhanced requirements of reporting and record keeping. This course is intended for students in the Veterinary Technology program.

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**VT 88A** CLINICAL PRECEPTORSHIP I 1.5 Units

Corequisite: VT 52A.

7.5 hours clinic. (90 total hours per quarter.) Not Repeatable.

Formal, structured off-campus clinical experience in licensed veterinary facilities, which serve as a means of instructing the student in practical, hands-on, clinical skills in all aspects of veterinary assisting. The student is under the direct supervision of one or more licensed veterinarians and/or credentialed veterinary technicians. The site of the preceptorship is approved by the veterinary technology program in consultation with the student and the veterinary professionals.
for learning and practical application of the knowledge, skills and attitudes required of a veterinary assistant. Exposure to varied methodologies and practice philosophies in a variety of clinical settings. Emphasis is on the role of the veterinary assistant in the veterinary health care team.

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**V T 88B**  
**CLINICAL PRECEPTORSHIP II**  
1.5 Units  
Corequisite: V T 52B  
7.3 hours clinic, (90 total hours per quarter.)  
Not Repeatable.  
This course covers a wide scope and increased depth of skills training. Formal, structured off-campus clinical experience in licensed veterinary facilities, which serve as a means of instructing the student in practical, hands-on, clinical skills in all aspects of veterinary assisting. The student is under the direct supervision of one or more licensed veterinarians and/or credentialed veterinary technicians. The site of the preceptorship is approved by the veterinary technology program in consultation with the student and the veterinary professionals Opportunity for learning and practical application of the knowledge, skills and attitudes required of a veterinary assistant. Exposure to varied methodologies and practice philosophies in a variety of clinical settings. Emphasis is on the role of the veterinary assistant in the veterinary health care team.

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Course Number  
Course ID  
Title  
Units  
CRN | Course ID | Activity | Title | Time | Days | Instructor | Location |
|-----|-----------|----------|-------|------|------|------------|----------|
| VART 2B | HISTORY OF FILM 1945-CURRENT | 4 Units  
Advisory: Not open to students with credit in F TV 2B.  
Four hours lecture, one hour laboratory. (60 total hours per quarter.)  
Not Repeatable.  
Critical analysis of film as an art form with emphasis on film evolution from the 1940s to the present.

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<th>CRN</th>
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**WOMEN’S STUDIES**

**WMN 5**  
**INTRODUCTION TO WOMEN’S STUDIES**  
4 Units  
Advisory: Eligibility for ENGL 1A or ESL 26.  
4 hours lecture. (48 total hours per quarter.)  
Not Repeatable.  
Introduction to American Film as a component of art, history, culture and business. How Hollywood has shaped an industry that has come to reflect many aspects of the American experience. American cinematic history, terminology, economic structure and cultural importance. Skills and insight into watching films critically. Development of analysis and writing skills.

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If you have any questions about these courses, please contact Fine Arts & Communication at (650) 949-7322 or Business & Social Sciences at (650) 949-7322.

Unless otherwise noted in the schedule, **June-Start Summer Session courses run June 11 – July 20; July-Start Summer Session courses run July 2 – Aug. 11.** All courses are Title 5 Degree applicable credit courses unless otherwise noted. All fee payments are due at time of registration. Instructors are not obligated to hold a seat for the student who is enrolled but does not attend the first class meeting. The course listings in this PDF were accurate as of April 23, 2012. Course listing and footnote information may have significantly changed. For the most accurate, current course listings, always access the class schedule.