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OWL SUMMER SESSIONS • 2013



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**Starts MAY 8**

**Early Registration**

**Starts MAY 9**

**Continuing Students Registration**

**Starts MAY 13**

**New or Returning Students Registration**

**Starts MaY 17**

# SUMMER SESSIONS 2013 COURSES

## Two Six-Week Sessions Register for One or Both June 10 & July 1 Start Dates

### ACCOUNTING

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

Seven accounting certificates of completion are offered. For more information, access [www.foothill.edu/bss/](http://www.foothill.edu/bss/).

#### ACTG 1A FINANCIAL ACCOUNTING I 5 Units

Advisory: Eligibility for MATH 220 and ESLL 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.

10175 ACTG-001A-01 LEC 10:30 AM-12:45 PM MTWTh TORRETTO 3201

✓ 10343 ACTG-001A-02W LEC TBA TBA NAVA ONLINE  
ACTG-001A-02W: Offered via Internet. After registering, you must refer to course descriptions at [www.foothill.edu/tga/](http://www.foothill.edu/tga/) for information on how to begin.

✓ 10204 ACTG-001A-04W LEC TBA TBA SEYEDIN ONLINE  
ACTG-001A-04W: Offered via Internet. After registering, you must refer to course descriptions at [www.foothill.edu/tga/](http://www.foothill.edu/tga/) for information on how to begin.

✓ 10481 ACTG-001A-05W LEC TBA TBA SEYEDIN ONLINE  
ACTG-001A-05W: Offered via Internet. After registering, you must refer to course descriptions at [www.foothill.edu/tga/](http://www.foothill.edu/tga/) for information on how to begin.

✓ 10551 ACTG-001A-06W LEC TBA TBA SEYEDIN ONLINE

#### ACTG 1B FINANCIAL ACCOUNTING II 5 Units

Prerequisite: ACTG 1A.

Advisory: Eligibility for MATH 220 and ESLL 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.

✓ 10001 ACTG-001B-02W LEC TBA TBA NAVA ONLINE

ACTG-001B-02W: Offered via Internet. After registering, you must refer to course descriptions at [www.foothill.edu/tga/](http://www.foothill.edu/tga/) for information on how to begin.

✓ 10559 ACTG-001B-03W LEC TBA TBA PONLEITHNER ONLINE

ACTG-001B-03W: Offered via Internet. After registering, you must refer to course descriptions at [www.foothill.edu/tga/](http://www.foothill.edu/tga/) for information on how to begin.

#### ACTG 1C MANAGERIAL ACCOUNTING 5 Units

Prerequisite: ACTG 1A.

Advisory: MATH 10 or high school algebra.

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

Not Repeatable.

Study of accounting information system for internal uses. Process costing, job-order costing, activity-based costing, cost behavior and cost-volume profit analysis, budgeting, performance evaluation, and capital investment analysis.

✓ 10002 ACTG-001C-01W LEC TBA TBA NAVA ONLINE

ACTG-001C-01W: Offered via Internet. After registering, you must refer to course descriptions at [www.foothill.edu/tga/](http://www.foothill.edu/tga/) for information on how to begin.

#### ACTG 51C INTERMEDIATE ACCOUNTING III 4 Units

Prerequisites: ACTG 1B.

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

Not Repeatable.

Accounting for Investments, Income Taxes, Pensions and Post-retirement Benefits, Leases, and Accounting Changes and Error Analysis; also covered, the Cash Flows Statement, and Full Disclosure in Financial Reporting.

✓ 11012 ACTG-051C-01W LEC TBA TBA FAKOOR ONLINE

ACTG-051C-01W: Offered via Internet. After registering, you must refer to course descriptions at [www.foothill.edu/tga/](http://www.foothill.edu/tga/) for information on how to begin.

#### ACTG 58 AUDITING 5 Units

Prerequisite: ACTG 51A.

Advisory: Eligibility for MATH 220 and ESLL 26.

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

Not Repeatable.

Study of the contemporary auditing environment, auditing profession, and the principle, and practices of financial statement audit. Topics include auditing, attestation and assurance services, Generally Accepted Auditing Standards (GAAS), attestation standards, professional ethics, Sarbanes-Oxley Act 2002 regulatory requirements, internal controls and audit risk, audit planning, procedures, evidence, documentation and report writing.

✓ 11014 ACTG-058-01W LEC TBA TBA STAFF ONLINE

ACTG-058-01W: Offered via Internet. After registering, you must refer to course descriptions at [www.foothill.edu/tga/](http://www.foothill.edu/tga/) for information on how to begin.

#### ACTG 59 FRAUD EXAMINATION 5 Units

Prerequisite: ACTG 51A.

Advisory: Eligibility for MATH 220 and ESLL 26.

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

Not Repeatable.

This course covers important topics associated with modern forensic accounting and fraud examination. Topics include an examination of the various types of occupational fraud, as well as the techniques to prevent and detect fraud in organizations. In addition, students will learn principals of fraud examination including who and why individuals commit fraud.

✓ 11011 ACTG-059-01W LEC TBA TBA BOWMAN ONLINE

ACTG-059-01W: Offered via Internet. After registering, you must refer to course descriptions at [www.foothill.edu/tga/](http://www.foothill.edu/tga/) for information on how to begin.

✓ 11015 ACTG-059-02W LEC TBA TBA BOWMAN ONLINE

#### ACTG 60 ACCOUNTING FOR SMALL BUSINESS 5 Units

Advisory: Eligibility for MATH 220 and ESLL 26.

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

Not Repeatable.

Pre-professional accounting course introducing the theory of double-entry bookkeeping/accounting. Emphasis on basic accounting cycle, elementary accounting principles and procedures, and financial records.

✓ 10003 ACTG-060-01W LEC TBA TBA GHODRAT ONLINE

ACTG-060-01W: Offered via Internet. After registering, you must refer to course descriptions at [www.foothill.edu/tga/](http://www.foothill.edu/tga/) for information on how to begin.

✓ 11016 ACTG-060-02W LEC TBA TBA GHODRAT ONLINE

ACTG-060-02W: Offered via Internet. After registering, you must refer to course descriptions at [www.foothill.edu/tga/](http://www.foothill.edu/tga/) for information on how to begin.

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✓ = Online or Hybrid class

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Evening classes are shaded.

# SUMMER SESSIONS 2013 COURSES

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**ACTG 64A COMPUTERIZED ACCOUNTING PRACTICE USING QUICKBOOKS 2 Units**

**Prerequisite:** ACTG 1A or equivalent experience.  
**Advisory:** Not open to students with credit in CIS 64A.  
**4 hours lecture-laboratory. (48 total hours per quarter.)**  
**Not Repeatable.**

Focus on using QuickBooks to record financial data. Reviewing the accounting cycle, processing business transactions and preparing financial statements.

✓ **10004 ACTG-064A-01W LAB TBA TBA GOPAL ONLINE**  
ACTG-064A-01W: Offered via Internet. After registering, you must refer to course descriptions at [www.foothill.edu/fga/](http://www.foothill.edu/fga/) for information on how to begin.

✓ **10311 ACTG-064A-02W LAB TBA F STAFF ONLINE**  
ACTG-064A-02W: Offered via Internet. After registering, you must refer to course descriptions at [www.foothill.edu/fga/](http://www.foothill.edu/fga/) for information on how to begin.

**ACTG 64B COMPUTERIZED ACCOUNTING PRACTICE USING EXCEL 2 Units**

**Prerequisite:** ACTG 1B or equivalent experience.  
**Advisory:** Not open to students with credit in CIS 64B.  
**4 hours lecture-laboratory. (48 total hours per quarter.)**  
**Not Repeatable.**

Practice in using an electronic spreadsheet program to organize and process financial and managerial accounting data. Includes research on the Internet.

✓ **10309 ACTG-064B-01W LAB TBA TBA GOPAL ONLINE**  
ACTG-064B-01W: Offered via Internet. After registering, you must refer to course descriptions at [www.foothill.edu/fga/](http://www.foothill.edu/fga/) for information on how to begin.

✓ **11009 ACTG-064B-02W L-L TBA TBA STAFF ONLINE**  
ACTG-064B-02W: Offered via Internet. After registering, you must refer to course descriptions at [www.foothill.edu/fga/](http://www.foothill.edu/fga/) for information on how to begin.

**ACTG 65 PAYROLL & BUSINESS TAX ACCOUNTING 4 Units**

**Prerequisite:** ACTG 1A.  
**Advisory:** Eligibility for MATH 220 and ESLL 26.  
**4 hours lecture. (48 total hours per quarter.)**  
**Not Repeatable.**

Presentation of basic payroll procedures used in business today. Provides practice in recording procedures and preparation of tax returns.

✓ **10005 ACTG-065-01W LEC TBA TBA GLASS ONLINE**  
ACTG-065-01W: Offered via Internet. After registering, you must refer to course descriptions at [www.foothill.edu/fga/](http://www.foothill.edu/fga/) for information on how to begin.

✓ **11010 ACTG-065-02W LEC TBA TBA GLASS ONLINE**  
ACTG-065-02W: Offered via Internet. After registering, you must refer to course descriptions at [www.foothill.edu/fga/](http://www.foothill.edu/fga/) for information on how to begin.

**ACTG 66 COST ACCOUNTING 5 Units**

**Prerequisite:** ACTG 1C or equivalent experience.  
**Advisory:** Eligibility for MATH 220 and ESLL 26.  
**5 hours lecture. (60 total hours per quarter.)**  
**Not Repeatable.**

Fundamentals of activity-based costing, job-order, process cost, and standard cost accounting systems.

✓ **10491 ACTG-066-01W LEC TBA TBA FAKOOR ONLINE**  
ACTG-066-01W: Offered via Internet. After registering, you must refer to course descriptions at [www.foothill.edu/fga/](http://www.foothill.edu/fga/) for information on how to begin.

**ACTG 67 TAX ACCOUNTING 5 Units**

**Advisory:** Eligibility for MATH 220 and ESLL 26.  
**5 hours lecture. (60 total hours per quarter.)**  
**Not Repeatable.**

Current Federal and California Income Tax Law as it relates to individuals, emphasizing practical application, tax planning and tax form preparation.

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✓ **10006 ACTG-067-01W LEC TBA TBA NOVIKOV ONLINE**  
ACTG-067-01W: Offered via Internet. After registering, you must refer to course descriptions at [www.foothill.edu/fga/](http://www.foothill.edu/fga/) for information on how to begin. This course is a Qualifying Education Contact Course authorized by the California Tax Education Council (CTEC).

✓ **10007 ACTG-067-02W LEC TBA TBA MAYER ONLINE**  
ACTG-067-02W: Offered via Internet. After registering, you must refer to course descriptions at [www.foothill.edu/fga/](http://www.foothill.edu/fga/) for information on how to begin. This course is a Qualifying Education Contact Course authorized by the California Tax Education Council (CTEC).

✓ **10312 ACTG-067-03W LEC TBA TBA MAYER ONLINE**  
ACTG-067-03W: Offered via Internet. After registering, you must refer to course descriptions at [www.foothill.edu/fga/](http://www.foothill.edu/fga/) for information on how to begin. This course is a Qualifying Education Contact Course authorized by the California Tax Education Council (CTEC).

**ACTG 68B ADVANCED TAX ACCOUNTING II 4 Units**

**Prerequisites:** ACTG 67.  
**Advisory:** Eligibility for MATH 220 and ESLL 26.  
**4 hours lecture. (48 total hours per quarter.)**  
**Not Repeatable.**

Current federal income tax law as it relates to corporations, estate, trust, and gift taxes.

✓ **10205 ACTG-068B-01W LEC TBA TBA NOVIKOV ONLINE**  
ACTG-068B-01W: Offered via Internet. After registering, you must refer to course descriptions at [www.foothill.edu/fga/](http://www.foothill.edu/fga/) for information on how to begin.

**ACTG 75 ACCOUNTING FOR GOVERNMENT & NOT-FOR-PROFIT 5 Units**

**Prerequisite:** ACTG 1B.  
**Advisory:** Eligibility for MATH 220 and ESLL 26.  
**5 hours lecture. (60 total hours per quarter.)**  
**Not Repeatable.**

Study of governmental and not-for-profit accounting. Topics include financial reporting; federal, state and local government accounting; budgetary accounting; general and special revenue funds; proprietary funds; trust and agency funds; fixed assets and long term debt; and nonprofit accounting for entities such as public colleges, universities and health care providers.

✓ **10310 ACTG-075-01W LEC TBA TBA DRAKE ONLINE**  
ACTG-075-01W: Offered via Internet. After registering, you must refer to course descriptions at [www.foothill.edu/fga/](http://www.foothill.edu/fga/) for information on how to begin.

✓ **10313 ACTG-075-02W LEC TBA TBA DRAKE ONLINE**  
ACTG-075-02W: Offered via Internet. After registering, you must refer to course descriptions at [www.foothill.edu/fga/](http://www.foothill.edu/fga/) for information on how to begin.

## ALLIED HEALTH SCIENCES

Biological & Health Sciences (650) 949-7249 [www.foothill.edu/bio/](http://www.foothill.edu/bio/)

**AHS 200 ORIENTATION TO HEALTH CARE CAREERS 3 Units**  
**3 hours lecture. (36 total hours per quarter.)**  
**Not Repeatable.**

Orientation to Foothill College health care programs preparing students to differentiate among the health care professions and to enter the profession of their choice. Defining the American health care system. Discussion of professionalism, ethics, legal issues, death and dying, medical terminology, infection control, governmental regulations, cultural diversity, and academic skills, related to allied health careers.

✓ **10251 AHS-200-01W LEC TBA TBA AUSTIN ONLINE**  
AHS-200-01W: EARLY SUMMER CLASS 6/10-7/20. Offered via Internet. After registering, you must refer to course descriptions at [www.foothill.edu/fga/](http://www.foothill.edu/fga/) for information on how to begin. Enroll in one of the following labs. More than one lab can be taken. See course description under appropriate department heading: DH 200L Dental Hygiene as a Career, R T 200L Radiologic Technology as a Career. Students are required to attend final exam on FH campus (out-of-state students by arrangement w/instructor).

✓ **10008 AHS-200-02W LEC TBA TBA AUSTIN ONLINE**  
AHS-200-02W: Starts 7/1/13. Offered via Internet. After registering, you must refer to course descriptions at [www.foothill.edu/fga/](http://www.foothill.edu/fga/) for information on how to begin. Enroll in one of the following

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# SUMMER SESSIONS 2013 COURSES

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labs. More than one lab can be taken. See course description under appropriate department heading: D H 200L Dental Hygiene as a Career; R T 200L Radiologic Technology as a Career, RSPT 200L Respiratory Therapy as a Career. Students are required to attend final exam on FH campus (out-of-state students by arrangement w/instructor).

## ADAPTIVE LEARNING: COMMUNITY BASED

Adaptive Learning (650) 949-7017 [www.foothill.edu/al/](http://www.foothill.edu/al/)

Non-credit courses for older disabled adults are offered at the following community sites: Avenidas, Bridgepoint at Los Altos, Casa Olga, Channing House, Chateau Cupertino, East Palo Alto Senior Center, Fair Oaks Senior Center, Forum, Ladera Recreation, Lytton Gardens, Mt. View Senior Center, Next Step Program, Onetta Harris, Palo Alto Commons, Palo Alto YMCA, Pilgrim Haven, Plaza Del Rey, Redwood Villa, Retirement Inn of Sunnyvale, Sacred Heart High School, Saratoga Senior Center, Senior Day Health Program, Sequoias, Stevenson House, Sunnyvale Senior Center, Sunnyview Retirement Community, Sunrise Senior Living, Villa Siena, and YuAiKal Japanese Community Senior Center. For information call (650) 949-7321.

### ALCB 403Y CHANGING GENERATIONS 0 Units

Prerequisite: None.  
24 hours total. (24 total hours per quarter.)  
Unlimited Repeatability.  
Designed to offer an opportunity for young and old to share a relationship.

- 10903 ALCB-403Y-01 LAB03:15 PM-05:30 PM W AUCLAIRE PACOM

### ALCB 406Y WORLD NEWS DISCUSSION 0 Units

Prerequisite: None.  
24 hours total. (24 total hours per quarter.)  
Unlimited Repeatability.  
Designed for the disabled to study world news by examining turning points in history, comparing and contrasting them with current world events to enhance memory retention and self-esteem.

- 10935 ALCB-406Y-01 LAB09:00 AM-11:25 AM Th KRUITWAGEN PACOM
- 10904 ALCB-406Y-02 LAB03:00 PM-05:15 PM M AUCLAIRE LYT

### ALCB 407Y SOCIAL CHANGE 0 Units

Prerequisite: None.  
24 hours total. (24 total hours per quarter.)  
Unlimited Repeatability.  
Designed for the disabled to improve memory and understanding of changes in society to increase awareness of the impact of these changes and increase social interaction.

- 10966 ALCB-407Y-01 LAB01:00 PM-03:10 PM W PARRAVI PACOM
- 10967 ALCB-407Y-02 LAB03:00 PM-05:25 PM Th PARRAVI ASL
- 10986 ALCB-407Y-03 LAB10:00 AM-12:10 PM F VERONNEAU SDHP

### ALCB 408Y ART APPRECIATION 0 Units

Prerequisite: None.  
24 hours total. (24 total hours per quarter.)  
Unlimited Repeatability.  
Designed for the disabled student to acquire an appreciation of artists and their work. Provides opportunity for social interaction and intellectual stimulation made possible through shared knowledge of artists and their work.

- 10970 ALCB-408Y-01 LAB03:15 PM-05:25 PM W PARRAVI TLA
- 10929 ALCB-408Y-02 LAB04:00 PM-06:25 PM Th JENSEN PACOM
- 10971 ALCB-408Y-03 LAB09:00 AM-11:10 AM F PARRAVI ASL
- 10931 ALCB-408Y-04 LAB01:15 PM-03:40 PM Th JENSEN BP

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
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### ALCB 409Y MUSIC APPRECIATION 0 Units

Prerequisite: None.  
24 hours total. (24 total hours per quarter.)  
Unlimited Repeatability.  
Designed for the disabled student to acquire appreciation of composers and their work. Emphasis on identification and recall of auditory input.

- 10906 ALCB-409Y-02 LAB09:00 AM-10:25 AM F BAIRD TBA
- 10907 ALCB-409Y-03 LAB09:30 AM-11:45 AM T BAIRD TBA
- 10905 ALCB-409Y-1 LAB01:00 PM-03:25 PM Th BAIRD TBA

### ALCB 413Y RELAXATION TECHNIQUES 0 Units

Prerequisite: None.  
24 hours total. (24 total hours per quarter.)  
Unlimited Repeatability.  
Designed for the disabled student to acquire information about and develop techniques for achieving relaxation by releasing mental and physical tension.

- 10885 ALCB-413Y-0 LAB10:15 AM-11:15 AM TTh AMBROSE SVSC
- 10909 ALCB-413Y-01 LAB11:00 AM-01:25 PM Th CHU PACOM
- 10911 ALCB-413Y-02 LAB10:30 AM-12:40 PM W CHU LYT
- 10914 ALCB-413Y-03 LAB01:00 PM-03:25 PM M CROFT OH
- 10938 ALCB-413Y-04 LAB10:30 AM-12:55 PM M MARRIOTT AVEN
- 10961 ALCB-413Y-05 LAB10:30 AM-12:40 PM T TBA FO
- 10964 ALCB-413Y-06 LAB01:00 PM-03:10 PM T TBA BP
- 10972 ALCB-413Y-07 LAB10:00 AM-12:10 PM F ROCK EPSC
- 10981 ALCB-413Y-08 LAB11:00 AM-01:10 PM T VEGA SDHP
- 10982 ALCB-413Y-09 LAB03:30 PM-04:35 PM TTh VEGA TLA

### ALCB 414Y STRESS MANAGEMENT 0 Units

Prerequisite: None.  
24 hours total. (24 total hours per quarter.)  
Unlimited Repeatability.  
Designed for the disabled student to recognize stress symptoms and become aware of signals which cause triggers in stress. Learn stress management skills from passive to active take-charge role.

- 10939 ALCB-414Y-01 LAB02:30 PM-04:55 PM M MARRIOTT MVSC
- 10983 ALCB-414Y-02 LAB01:30 PM-02:35 PM TTh VEGA TLA
- 10912 ALCB-414Y-03 LAB09:00 AM-10:05 AM T F CHU FO
- 10975 ALCB-414Y-04 LAB08:00 AM-10:25 AM Th ROCK OH

### ALCB 421Y AROUND THE WORLD IN TRAVEL STUDY 0 Units

Prerequisite: None.  
24 hours total. (24 total hours per quarter.)  
Unlimited Repeatability.  
Designed for the disabled student to recall personal travel. Focuses on the discussion of geography, history, religions and arts of other cultures to increase knowledge and social interaction, and improve memory retention.

- 10889 ALCB-421Y-01 LAB06:00 PM-08:15 PM Th AMBROSE ASL

### ALCB 431Y ANALYSIS OF CURRENT EVENTS 0 Units

Prerequisite: None.  
24 hours total. (24 total hours per quarter.)  
Unlimited Repeatability.  
Designed for the disabled student to acquire information about current events with an emphasis on comparing and contrasting current with past events to enhance memory retention and self-esteem.

- 10936 ALCB-431Y-01 LAB10:00 AM-12:10 PM T KRUITWAGEN PACOM
- 10941 ALCB-431Y-02 LAB09:30 AM-11:55 AM M MEDVED BP
- 10978 ALCB-431Y-03 LAB03:00 PM-05:25 PM Th PETERSON CHHS
- 10979 ALCB-431Y-04 LAB06:30 PM-08:55 PM Th PETERSON TBA
- 10980 ALCB-431Y-05 LAB01:00 PM-03:10 PM F PETERSON FORUM

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**ALCB 451Y DRAWING & PAINTING 0 Units**

Prerequisite: None.  
24 hours total. (24 total hours per quarter.)  
Unlimited Repeatability.

Designed for the disabled student to improve expressive capability, manipulatory skills and eye-hand coordination, increase self-esteem and increase social interaction through the use of painting, drawing and sketching materials, tools, and techniques to create two-dimensional art in a group setting.

● 10985 ALCB-451Y-02 LAB09:30 AM-11:55 AMTh VEGA SDHP

**ALCB 455Z MUSIC & MOVEMENT 0 Units**

Prerequisite: None.  
36 hours total. (36 total hours per quarter.)  
Unlimited Repeatability.

Designed for the disabled student to improve flexibility and mobility through exercise performed to music.

● 10890 ALCB-455Z-1 LAB01:00 PM-03:10 PMThF AMBROSE ASL

**ALCB 456Y CRAFTS 0 Units**

Prerequisite: None.  
24 hours total. (24 total hours per quarter.)  
Unlimited Repeatability.

Designed for the disabled student to improve expressive capability, manipulatory skills and eye-hand coordination, increase self-esteem and increase social interaction through the use of seasonal, leather, wood, fabric, yarn and paper materials to create crafts projects in a group setting.

10915 ALCB-456Y-01 LAB12:00 PM-02:10 PMT ITO TBA  
● 10917 ALCB-456Y-02 LAB10:00 AM-12:10 PMW ITO SDHP  
● 10924 ALCB-456Y-03 LAB09:00 AM-11:10 AMF ITO TLA

**ALCB 462Y VERBAL EXPRESSION 0 Units**

Prerequisite: None.  
24 hours total. (24 total hours per quarter.)  
Unlimited Repeatability.

Designed for the disabled student to teach techniques in verbal communication specifically to improve family, social and work-related situations.

● 10937 ALCB-462Y-01 LAB09:30 AM-11:40 AMW KRUITWAGEN BP

**ALCB 463Y CREATIVE WRITING 0 Units**

Prerequisite: None.  
24 hours total. (24 total hours per quarter.)  
Unlimited Repeatability.

Designed for the disabled student to present written autobiographical, fictional and non-fictional experiences which are shared orally for both appreciation and constructive input to enhance self-esteem, memory retention and writing ability.

● 10933 ALCB-463Y-01 LAB01:30 PM-03:55 PMM JENSEN BP  
◆ 10976 ALCB-463Y-02 LAB10:00 AM-12:10 PMW ROCK MC A5

**ALCB 465Y CREATIVE SELF-EXPRESSION 0 Units**

Prerequisite: None.  
24 hours total. (24 total hours per quarter.)  
Unlimited Repeatability.

Designed for the disabled student to provide directed experiences in self-expression. Emphasis on various activities designed to enhance physical and cognitive creative expression and enable the student to develop independent creative activities through adapted drama, music, art and writing.

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
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● 10891 ALCB-465Y-01 LAB02:30 PM-04:45 PMW AMBROSE ASL  
● 10927 ALCB-465Y-02 LAB09:00 AM-11:10 AMT ITO SDHP  
● 10934 ALCB-465Y-03 LAB10:00 AM-12:25 PMTh JENSEN EPSC  
● 10977 ALCB-465Y-04 LAB10:30 AM-12:55 PMTh ROCK OH

## ADAPTIVE LEARNING: TRANSITION TO WORK

Adaptive Learning (650) 949-7017 [www.foothill.edu/al/](http://www.foothill.edu/al/)

Acceptance into the Transition to Work Program is based on an assessment and evaluation by program staff. Registration for all ALTW classes is available by appointment through the Adaptive Learning Division.

**ALTW 201 BASIC ENGLISH FOR THE DISABLED STUDENT 2 Units**

Prerequisite: None.  
2 hours lecture. (24 total hours per quarter.)  
Not Repeatable.

The Transition to Work Program is for students with disabilities who are not ready to take regular college classes. The basic English class emphasis is grammar, sentence and paragraph structure with practical applications.

10009 ALTW-201-.01 LEC09:00 AM-10:50 AMMW URRUTIA 3303

**ALTW 202 BASIC MATH SKILLS FOR THE DISABLED STUDENT 2 Units**

Prerequisite: None.  
2 hours lecture. (24 total hours per quarter.)  
Not Repeatable.

Basic math skills for the disabled student. Emphasis on basic math functions, money handling and practical applications.

11000 ALTW-202-.01 LEC09:00 AM-10:50 AMTTh TBA TBA

**ALTW 219 USING THE INTERNET FOR THE DISABLED STUDENT 1 Unit**

Prerequisite: None.  
2 hours lecture-laboratory. (24 total hours per quarter.)  
Not Repeatable.

This is a hands-on introduction to the use of internet tools such as Google Apps and Etudes for students with disabilities.

10010 ALTW-219-.01 L-L11:00 AM-11:50 AM MTWTh PETERSON 5402

## ANTHROPOLOGY

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

For more information about the online anthropology degree, access [www.foothillglobalaccess.org/main/aa\\_anthropology.htm](http://www.foothillglobalaccess.org/main/aa_anthropology.htm).

**ANTH 1 INTRODUCTION TO PHYSICAL ANTHROPOLOGY 4 Units**

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.

Continued on next page

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◆ = Middlefield Campus class

✓ = Online or Hybrid class

● = Off-Campus class

Evening classes are shaded.

# SUMMER SESSIONS 2013 COURSES

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
Relationship between contemporary biology and behavior, facilitating an understanding of the effect of them upon future humankind.				
✓ 10364 ANTH-001-.01W	LEC	TBA TBA	DAVIDSON	ONLINE
ANTH-001-.01W: Offered via Internet. After registering, you must refer to course descriptions at <a href="http://www.foothill.edu/fga/">www.foothill.edu/fga/</a> for information on how to begin.				
✓ 10367 ANTH-001-.02W	LEC	TBA TBA	RODGERS	ONLINE
ANTH-001-.02W: Offered via Internet. After registering, you must refer to course descriptions at <a href="http://www.foothill.edu/fga/">www.foothill.edu/fga/</a> for information on how to begin.				
✓ 10368 ANTH-001-.03W	LEC	TBA TBA	DAVIDSON	ONLINE
ANTH-001-.03W: Offered via Internet. After registering, you must refer to course descriptions at <a href="http://www.foothill.edu/fga/">www.foothill.edu/fga/</a> for information on how to begin.				
✓ 10851 ANTH-001-.04W	LEC	TBA TBA	RODGERS	ONLINE
10852 ANTH-001-.05	LEC	10:30 AM-12:20 PM MTWTh	SCHAEFERS	3101

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
ANTH 6	PEOPLES OF AFRICA	4 Units		
4 hours lecture. (48 total hours per quarter.) Not Repeatable.				
Historical and contemporary cultural diversity of Africa emphasizing its social, political and economic organizational structures. Focus on the three religious influences by which African peoples and their resources have been exploited. Problems of acculturation and urbanization as they relate to modernization and expansion of international trade and development.				
✓ 10854 ANTH-006-.01W	LEC	TBA TBA	PRICE	ONLINE
ANTH-006-.01W: Offered via Internet. After registering, you must refer to course descriptions at <a href="http://www.foothill.edu/fga/">www.foothill.edu/fga/</a> for information on how to begin.				

## ANTH 1L PHYSICAL ANTHROPOLOGY LABORATORY 1 Unit

**Corequisite:** Completion of, or concurrent enrollment in ANTH 1.  
**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.

10853 ANTH-001L-01	LAB	12:30 PM-02:20 PM MW	SCHAEFERS	3103
	L-L02	:30 PM-03:20 PM MW	SCHAEFERS	3103

ANTH-001L-01: ANTH 1L meets the IGETC science lab requirement.

## ANTH 2A CULTURAL ANTHROPOLOGY 4 Units

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.

✓ 10011 ANTH-002A-01W	LEC	TBA TBA	PRICE	ONLINE
ANTH-002A-01W: Offered via Internet. After registering, you must refer to course descriptions at <a href="http://www.foothill.edu/fga/">www.foothill.edu/fga/</a> for information on how to begin.				
10181 ANTH-002A-02	LEC	08:30 AM-10:20 AM MTWTh	BAR	3101
✓ 10012 ANTH-002A-03W	LEC	TBA TBA	NEFF	ONLINE
ANTH-002A-03W: Offered via Internet. After registering, you must refer to course descriptions at <a href="http://www.foothill.edu/fga/">www.foothill.edu/fga/</a> for information on how to begin.				
✓ 10369 ANTH-002A-04W	LEC	TBA TBA	NEFF	ONLINE
ANTH-002A-04W: Offered via Internet. After registering, you must refer to course descriptions at <a href="http://www.foothill.edu/fga/">www.foothill.edu/fga/</a> for information on how to begin.				
✓ 10370 ANTH-002A-05W	LEC	TBA TBA	PRICE	ONLINE
ANTH-002A-05W: Offered via Internet. After registering, you must refer to course descriptions at <a href="http://www.foothill.edu/fga/">www.foothill.edu/fga/</a> for information on how to begin.				

## ANTH 5 MAGIC, SCIENCE & RELIGION 4 Units

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.

✓ 10362 ANTH-005-.01W	LEC	TBA TBA	MAURER	ONLINE
ANTH-005-.01W: Offered via Internet. After registering, you must refer to course descriptions at <a href="http://www.foothill.edu/fga/">www.foothill.edu/fga/</a> for information on how to begin.				

## ANTH 52 ARCHAEOLOGICAL FIELD METHODS 4 Units

Formerly: ANTH 11

Prerequisite: Instructor permission necessary for enrollment.  
Advisory: Completion of, or concurrent enrollment in ANTH 8 recommended;  
outdoor archaeological activities may be strenuous; not open to students with credit in ANTH 11.

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

Not Repeatable.  
Introduction to archaeological field methods at an archaeological site either in the Bay Area or in another country. Locating different types of archaeological sites with field survey. Methods of field excavation. Study of local artifact types and lab techniques for artifact cleaning and identification. Selection of archaeological site, mapping, excavation, and preparation of artifacts, written analysis. Working and living with members of an indigenous culture.

10855 ANTH-052-.01	LEC	09:00 AM-03:20 PM FSU	CEARLEY	3101
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## ART

Fine Arts & Communication (650) 949-7584 [www.foothill.edu/fa/](http://www.foothill.edu/fa/)

See Graphic & Interactive Design courses in printmaking, books as art, and digital video. See ART 2A-E, ART 3 and ART 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.

✓ 10774 ART -001-.01W	LEC	TBA TBA	PENNINGTON	ONLINE
	LAB	TBA TBA	PENNINGTON	ONLINE
ART -001-.01W: Offered via Internet. After registering, you must refer to course descriptions at <a href="http://www.foothill.edu/fga/">www.foothill.edu/fga/</a> 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.				
✓ 10147 ART -001-.02W	LAB	TBA TBA	REID	ONLINE
	LEC	TBA TBA	REID	ONLINE
ART -001-.02W: Offered via Internet. After registering, you must refer to course descriptions at <a href="http://www.foothill.edu/fga/">www.foothill.edu/fga/</a> 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.				

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# SUMMER SESSIONS 2013 COURSES

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
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**ART 2B HISTORY OF WESTERN ART FROM THE MIDDLE AGES TO THE RENAISSANCE 4.5 Units**

**Advisory: Not open to students with credit in ART 2BH.**  
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.

✓ 10775	ART -002B-01W	LEC LAB	TBA TBA TBA TBA	PENNINGTON PENNINGTON	ONLINE ONLINE
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ART-002B-01W: Offered via Internet. After registering, you must refer to course descriptions at [www.foothill.edu/fga/](http://www.foothill.edu/fga/) for information on how to begin. 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 FUNDAMENTALS IN DRAWING 4 Units**

3 hours lecture, 3 hours laboratory. (72 total hours per quarter.)  
**Not Repeatable.**

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

✓ 10013	ART -004A-01W	LEC LAB	TBA TBA TBA TBA	GOMES GOMES	ONLINE ONLINE
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ART -004A-01W: Offered via Internet. After registering, you must refer to course descriptions at [www.foothill.edu/fga/](http://www.foothill.edu/fga/) for information on how to begin.

**ART 4D FIGURE DRAWING 4 Units**

3 hour lecture, 3 hour laboratory. (72 total hours per quarter.)  
**Not Repeatable.**

A beginning drawing course focusing on the representation and interpretation of the human figure; with attention to drawing from life.

✓ 10721	ART -004D-01Y	LEC10:00 AM-03:50 PM LAB	PMF TBA TBA	GOMES GOMES	1602 ONLINE
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ART -004D-01Y: Hybrid class. 6 additional weekly TBA hours via online instruction.

**ART 5A 2-D FOUNDATIONS 4 Units**

3 hours lecture, 3 hours laboratory. (72 total hours per quarter.)  
**Not Repeatable.**

Introduction to the concepts, applications, and historical and contemporary references related to two-dimensional art and composition, including the study of the basic principles and elements of line, shape, texture, value, color and spatial illusion. Development of a visual vocabulary for creative expression through lecture presentations, studio projects, problem solving, and written assignments.

10488	ART -005A-01	LEC01:00 PM-02:50 PM LAB03:00 PM-04:50 PM	TWTh TWTWTh	LEVITCH LEVITCH	1601 1601
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**ART 19A OIL PAINTING I 4 Units**

**Prerequisite: ART 4A.**  
3 hours lecture, 3 hours laboratory. (72 total hours per quarter.)  
**Not Repeatable.**

Introduction to the theory and practice of basic oil painting, including the use of value, color and light to model the three-dimensional form.

✓ 10727	ART -019A-01Y	LEC01:00 PM-03:50 PM LAB	PM MW TBA TBA	RAGEY RAGEY	1602 ONLINE
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ART -019A-01Y: Hybrid class. 6 additional weekly TBA hours via online instruction.

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
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**ART 19B ACRYLIC PAINTING I 4 Units**

**Prerequisites: ART 4A.**  
3 hours lecture, 3 hours laboratory. (72 total hours per quarter.)  
**Not Repeatable.**

Introduction to the theory and practice of basic acrylic painting, including the use of value, color and light to model the three-dimensional form.

✓ 10729	ART -019B-1YQ	LAB	TBA TBA PM-03:50 PM MW	RAGEY RAGEY	ONLINE 1602
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ART -019B.01YQ: Hybrid class. 6 additional weekly TBA hours via online instruction.

**ART 19C OIL PAINTING II 4 Units**

**Formerly: ART 47**  
**Prerequisites: ART 4A and 19A.**  
**Advisory: Not open to students with credit in ART 47.**  
3 hours lecture, 3 hours laboratory. (72 total hours per quarter.)  
**Not Repeatable.**

The theory and practice of oil painting and continuation of Oil Painting I. Building on fundamental, oil painting skills to develop personalized style, complex subject matter, color theory and composition.

✓ 10730	ART -019C-1YQ	LEC01:00 PM-03:50 PM LAB	PM MW TBA TBA	RAGEY RAGEY	1602 ONLINE
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ART -019C.01YQ: Hybrid class. 6 additional weekly TBA hours via online instruction.

**ART 19D ACRYLIC PAINTING II 4 Units**

**Prerequisites: ART 4A and 19B.**  
3 hours lecture, 3 hours laboratory. (72 total hours per quarter.)  
**Not Repeatable.**

The theory and practice of acrylic painting and continuation of ART 19B. Building on fundamental, acrylic painting skills to develop personalized style, complex subject matter, color theory and composition.

✓ 11008	ART -019D-1YQ	LEC01:00 PM-03:50 PM LAB	PM MW TBA TBA	RAGEY RAGEY	1602 ONLINE
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ART -019D.01YQ: Hybrid class. 6 additional weekly TBA hours via online instruction.

**ART 35X HONORS SPECIAL PROJECTS IN ART 1.5 Units**

4.5 hours laboratory. (54 total hours per quarter.)  
**Not Repeatable.**  
Individual advanced projects in painting, drawing, sculpture, ceramics and photography.

10148	ART -035X-01Q	LAB10:00 AM-02:15 PM	TTh	LYON	1803
10149	ART -035X-02Q	LAB10:00 AM-02:35 PM	MW	LYON	1803

**ART 45A BEGINNING CERAMICS HANDBUILDING 4 Units**

3 hours lecture, 3 hours laboratory. (72 total hours per quarter.)  
**Not Repeatable.**

An introduction to basic ceramic hand-building techniques, and its historical and contemporary significance. This class will introduce ceramic hand-building techniques including pinching, coil, and slab construction, as well as examine various high and low-fire glazing techniques. In addition to sculpting and constructing hand built vessels students will examine, critically discuss, analyze and write about clay, glaze and hand-building techniques, tools, ceramic terminology and processes of historical and contemporary clay hand-built vessels. Students will learn ceramic vocabulary, and participate in verbal and written class critiques.

10176	ART -045A-01	LEC10:00 AM-12:50 PM LAB01:00 PM-03:50 PM	TTh TTh	LYON LYON	1803 1803
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**ART 45B BEGINNING CERAMICS POTTER'S WHEEL 4 Units**

3 hours lecture, 3 hours laboratory. (72 total hours per quarter.)  
**Not Repeatable.**

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# SUMMER SESSIONS 2013 COURSES

Course Number CRN	Course ID	Title Activity	Units Time Days	Instructor	Location
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An introduction to throwing on the potter's wheel, and its historical and contemporary significance. This class will introduce the process of wedging clay, centering a pot, pulling a wall, shaping processes, and trimming techniques to complete well balanced forms on the potter's wheel. In addition to gaining expertise in wheel-throwing, students will examine, discuss, critique and write about the techniques, tools, ceramic terminology and processes of historical and contemporary thrown clay vessels. Students will use ceramic vocabulary in verbal and written class critiques.

10177	ART -045B-01	LEC10:00 AM-12:50 PM MW LAB01:00 PM-03:50 PM MW		LYON LYON	1803 1803
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## ART 45C ADVANCED CERAMICS 3 Units

**Prerequisites:** ART 45A and 45B.

**Advisory:** Concurrent enrollment in ART 45CL.

**6 hours lecture-laboratory. (72 total hours per quarter.)**

**Not Repeatable.**

Laboratory practice in throwing advanced forms on the potter's wheel, combining hand-built and wheel-thrown forms, glazing these forms, and understanding kiln loading and firing procedures.

10722	ART -045C-01	LAB 10:00 AM-03:50 PM MW		LYON	1803
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## ASTRONOMY

Physical Sciences, Mathematics & Engineering

(650) 949-7259  
www.foothill.edu/ast/

## ASTR 10A GENERAL ASTRONOMY: SOLAR SYSTEM 5 Units

**Advisory:** Concurrent enrollment in ASTR 10L.

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

**Not Repeatable.**

Non-technical introduction to astronomy, with emphasis on the planets, dwarf planets, moons, and smaller bodies which make up our solar system, as well as the scientific search for life elsewhere in the universe. Topics include the nature of light, the atom, and telescopes; an examination of the planets and their moons and rings, dwarf planets, comets, asteroids, and meteors; catastrophic events (including the impact that may have killed the dinosaurs); the search for planets and life around other stars, the challenges of space travel, and modern views on extraterrestrial contact. No background in science or math is assumed.

10014	ASTR-010A-01	LEC12:00 PM-02:15 PM MTWTh		HUBICKYJ	5015
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*ASTR-010A-01: Additional costs for online materials or content in place of or in addition to a textbook may be required.*

10760	ASTR-010A-02	LEC10:30 AM-12:50 PM MTWTh		STAFF	4501
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*ASTR-F010A-02: Class starts June 11. Be sure you have no conflict with a Spring class at Foothill or De Anza.*

## ASTR 10L ASTRONOMY LABORATORY 1 Unit

**Corequisite:** ASTR 10A, 10B or 10BH.

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

**Not Repeatable.**

A hands-on approach to the scientific method, using astronomical data and equipment. Divided into small lab groups, students will do experiments and observing projects about a range of astronomical topics, including star and constellation finding, the phases of the Moon, the reasons for the seasons, the rotation, revolution, and sphericity of the Earth, the H-R Diagram and the classification of stars, Hubble's Law and the expansion of the universe, the questionable validity of astrology, tracking the moons of Jupiter, etc. Each session will also include guided discussion of the meaning and importance of the data and how the particular activity fits into the larger scheme of understanding the universe and applying the scientific method.

Course Number CRN	Course ID	Title Activity	Units Time Days	Instructor	Location
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10015	ASTR-010L-01	LAB10:30 AM-11:20 AM MTWTh L-L11:20 AM-11:50 AM MTWTh		HUBICKYJ HUBICKYJ	5423 5423
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*ASTR-010L-01: Additional costs for online materials or content in place of or in addition to a textbook may be required.*

10764	ASTR-010L-02	LAB09:00 AM-09:50 AM		MTWTh	STAFF
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5423

		L-L09:50 AM-10:20 AM MTWTh		STAFF	5423
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*ASTR-010L-02: Additional costs for online materials or content in place of or in addition to a textbook may be required.*

## ATHLETICS

Kinesiology & Athletics 650-949-7742

### ATHL 4A PRESEASON CONDITIONING FOR FOOTBALL 2 Units

**6 hours laboratory. (72 total hours per quarter.)**

**May be taken six times for credit.**

The development of athletic skills and mental conditioning which is required to be successful in the intercollegiate sport of football.

10867	ATHL-004A-01	LAB	TBA	TBA	EDWARDS	LWFLD
10870	ATHL-004A-02	LAB	TBA	TBA	RAIVIO	LWFLD

### ATHL 11A PRESEASON CONDITIONING FOR MEN'S BASKETBALL 2 Units

**6 hours laboratory. (72 total hours per quarter.)**

**May be taken six times for credit.**

The development of athletic skills and mental conditioning which is required to be successful in the intercollegiate sport of basketball.

10897	ATHL-011A-01	LAB	TBA	TBA	ROSENBERG	2601
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### ATHL 11C FUNCTIONAL FITNESS FOR MEN'S BASKETBALL 1 Unit

**3 hours laboratory. (36 total hours per quarter.)**

**May be taken six times for credit.**

This course will provide advanced training and instruction in the use of weights for the sport of basketball.

10865	ATHL-011C-01	LAB	TBA	TBA	ROSENBERG	2905
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### ATHL 12A PRESEASON CONDITIONING FOR WOMEN'S BASKETBALL 2 Units

**6 hours laboratory. (72 total hours per quarter.)**

**May be taken six times for credit.**

The development of athletic skills and mental conditioning which is required to be successful in the intercollegiate sport of basketball.

10898	ATHL-012A-01	LAB	TBA	TBA	CRAIG	2501
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### ATHL 21A PRESEASON CONDITIONING FOR MEN'S SOCCER 2 Units

**6 hours laboratory. (72 total hours per quarter.)**

**May be taken six times for credit.**

The development of athletic skills and mental conditioning which is required to be successful in the intercollegiate sport of soccer.

10988	ATHL-021A-01	LAB	TBA	TBA	LINER	UPFLD
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# SUMMER SESSIONS 2013 COURSES

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
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**ATHL 22A PRESEASON CONDITIONING FOR WOMEN'S SOCCER** 2 Units

6 hours laboratory. (72 total hours per quarter.)

May be taken six times for credit.

The development of athletic skills and mental conditioning which is required to be successful in the intercollegiate sport of soccer.

10895 ATHL-022A-01 LAB TBA TBA FLANNERY UPFLD

**ATHL 33A PRESEASON CONDITIONING FOR WOMEN'S WATER POLO** 2 Units

6 hours laboratory. (72 total hours per quarter.)

May be taken six times for credit.

The development of athletic skills and mental conditioning which is required to be successful in the intercollegiate sport of water polo.

10987 ATHL-033A-01 LAB TBA TBA BISSELL POOL

**ATHL 42A PRESEASON CONDITIONING FOR WOMEN'S VOLLEYBALL** 2 Units

6 hours laboratory. (72 total hours per quarter.)

May be taken six times for credit.

The development of athletic skills and mental conditioning which is required to be successful in the intercollegiate sport of volleyball.

10720 ATHL-042A-01 LAB TBA TBA RIPP TBA

**ATHL 45C FUNCTIONAL FITNESS FOR WOMEN'S TENNIS** 1 Unit

3 hours laboratory. (36 total hours per quarter.)

May be taken six times for credit.

This course will provide advanced training and instruction in the use of weights for the sport of tennis.

10719 ATHL-045C-01 LAB TBA TBA MACIAS TCOURT

10991 ATHL-045C-02 LAB TBA TBA HICKEY 2905

## BIOLOGY

Biological & Health Sciences (650) 949-7249 [www.foothill.edu/bio/programs/biosci/](http://www.foothill.edu/bio/programs/biosci/)

CLASSES MEET 6 WEEKS UNLESS OTHER DATES NOTED. READ CLASS FOOTNOTE FOR IMPORTANT ADDITIONAL INFORMATION.

**BIOL 1C EVOLUTION, SYSTEMATICS & ECOLOGY** 6 Units

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.

10016 BIOL-001C-01 LEC10:00 AM-11:50 AM MTWTh SCHULTZ 5407  
LAB01:45 PM-03:35 PM MTWTh SCHULTZ 5407  
L-L12:30 PM-01:35 PM MTWTh SCHULTZ 5407

BIOL-001C-01: Meets 7/1-8/8 (6 weeks). All labs begin meeting the first week of the quarter. Students will be dropped if they do not attend the first class meeting - whether lec. or lab. Some labs will be field trips (weekday or weekend). Submit prerequisite proof of completion transcripts to counseling office; required for enrollment.

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
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**BIOL 10 GENERAL BIOLOGY: BASIC PRINCIPLES** 5 Units

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.

10202 BIOL-010.-01 LAB01:00 PM-02:50 PM MW KENDALL 8709  
L-L12:00 PM-12:50 PM MW KENDALL 8709  
LEC09:30 AM-11:20 AM MTWTh KENDALL 8338

BIOL-010.-01: All labs begin meeting the first week of the quarter. Students will be dropped if they do not attend the first class meeting - whether lec or lab. Some labs will be field trips.

10203 BIOL-010.-02 LEC09:30 AM-11:20 AM MTWTh KENDALL 8338  
L-L12:00 PM-12:50 PM TTh KENDALL 8709  
LAB01:00 PM-02:50 PM TTh KENDALL 8709

BIOL-010.-02: All labs begin meeting the first week of the quarter. Students will be dropped if they do not attend the first class meeting - whether lec or lab. Some labs will be field trips.

10323 BIOL-010.-03 LEC09:30 AM-11:20 AM MTWTh TBA 8338  
L-L12:00 PM-12:50 PM TTh TBA 8710  
LAB01:00 PM-02:50 PM TTh TBA 8710

BIOL-010.-03: EARLY SUMMER SESSION 6/10-7/20. All labs begin meeting the first week of the quarter. Students will be dropped if they do not attend the first class meeting - whether lec or lab. Some labs will be field trips.

**BIOL 40A HUMAN ANATOMY & PHYSIOLOGY I** 5 Units

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

Advisory: ENGL 1A, ESLL 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.

10017 BIOL-040A-01 LEC09:30 AM-11:20 AM TWTh BRANAGAN 5015  
L-L12:00 PM-01:15 PM T BRANAGAN 5423  
LAB01:20 PM-04:25 PM T BRANAGAN 5423

BIOL-040A-01: Meets 7/1-8/24 (8 wks). All labs begin meeting the first week of the quarter. Students will be dropped if they do not attend the first class meeting - whether lec or lab. Submit prerequisite proof of completion transcripts to counseling office; required for enrollment.

10018 BIOL-040A-02 L-L12:00 PM-01:15 PM W BRANAGAN 5423  
LAB01:20 PM-04:25 PM W BRANAGAN 5423  
LEC09:30 AM-11:20 AM TWTh BRANAGAN 5015

BIOL-040A-02: Meets 7/1-8/24 (8 wks). All labs begin meeting the first week of the quarter. Students will be dropped if they do not attend the first class meeting - whether lec or lab. Submit prerequisite proof of completion transcripts to counseling office; required for enrollment.

10150 BIOL-040A-03 LEC09:30 AM-11:20 AM TWTh BRANAGAN 5015  
L-L12:00 PM-01:30 PM Th BRANAGAN 5423  
LAB01:35 PM-04:50 PM Th BRANAGAN 5423

BIOL-040A-03: Meets 7/1-8/24 (8 wks). All labs begin meeting the first week of the quarter. Students will be dropped if they do not attend the first class meeting - whether lec. or lab. Submit prerequisite proof of completion transcripts to counseling office; required for enrollment.

10136 BIOL-040A-04 LEC05:00 PM-06:50 PM TWTh KEW 8402  
LAB08:20 PM-11:25 PM T KEW 5423  
L-L07:00 PM-08:15 PM T KEW 5423

BIOL-040A-04: Meets 7/1-8/24 (8 wks). All labs begin meeting the first week of the quarter. Students will be dropped if they do not attend the first class meeting - whether lec or lab. Submit prerequisite proof of completion transcripts to counseling office; required for enrollment.

10137 BIOL-040A-05 LEC05:00 PM-06:50 PM TWTh KEW 8402  
L-L07:00 PM-08:30 PM Th KEW 8707  
LAB08:35 PM-11:55 PM Th KEW 8707

BIOL-040A-05: Meets 7/1-8/24 (8 wks). All labs begin meeting the first week of the quarter. Students will be dropped if they do not attend the first class meeting - whether lec or lab. Submit prerequisite proof of completion transcripts to counseling office; required for enrollment.

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# SUMMER SESSIONS 2013 COURSES

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
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## BIOL 40B HUMAN ANATOMY & PHYSIOLOGY II 5 Units

**Prerequisites:** BIOL 40A or equivalent.  
**4 hours lecture, 1 hour lecture-laboratory, 2 hours laboratory. (84 total hours per quarter.)**  
**Not Repeatable.**  
 Anatomy and physiology of the nervous system, cardiovascular system and respiratory system. Completion of this course is required for BIOL 40C.

10155	BIOL-040B-01	LEC03:00 PM-04:50 PM TWTh	BERG	8403
		LAB06:20 PM-09:25 PM T	BERG	8710
		L-L05:00 PM-06:15 PM T	BERG	8710

*BIOL-040B-01: Meets 7/1-8/24 (8 wks). All labs begin meeting the first week of the quarter. Students will be dropped if they do not attend the first class meeting - whether lec. or lab. Submit prerequisite proof of completion transcripts to counseling office; required for enrollment.*

10156	BIOL-040B-02	LAB06:20 PM-09:25 PM W	BERG	8710
		L-L05:00 PM-06:15 PM W	BERG	8710
		LEC03:00 PM-04:50 PM TWTh	BERG	8403

*BIOL-040B-02: Meets 7/1-8/24 (8 wks). All labs begin meeting the first week of the quarter. Students will be dropped if they do not attend the first class meeting - whether lec. or lab. Submit prerequisite proof of completion transcripts to counseling office; required for enrollment.*

## BIOL 40C HUMAN ANATOMY & PHYSIOLOGY III 5 Units

**Prerequisites:** BIOL 40B or equivalent.  
**4 hours lecture, 1 hour lecture-laboratory, 2 hours laboratory. (84 total hours per quarter.)**  
**Not Repeatable.**  
 Anatomy and physiology of the digestive system; metabolism; urinary system; fluid, electrolyte and acid/base balance; lymphatic system; endocrine system; and reproductive system.

10019	BIOL-040C-01	LAB01:50 PM-04:55 PM M	SAINTEN	8711
		L-L12:30 PM-01:45 PM M	SAINTEN	8711
		LEC10:00 AM-11:50 AM MTW	SAINTEN	8402

*BIOL-040C-01: Meets 7/1-8/24 (8 wks). All labs begin meeting the first week of the quarter. Students will be dropped if they do not attend the first class meeting - whether lec. or lab. Submit prerequisite proof of completion transcripts to counseling office; required for enrollment.*

10020	BIOL-040C-02	LEC10:00 AM-11:50 AM MTW	SAINTEN	8402
		LAB01:50 PM-04:55 PM W	SAINTEN	8711
		L-L12:30 PM-01:45 PM W	SAINTEN	8711

*BIOL-040C-02: Meets 7/1-8/24 (8 wks). All labs begin meeting the first week of the quarter. Students will be dropped if they do not attend the first class meeting - whether lec. or lab. Submit prerequisite proof of completion transcripts to counseling office; required for enrollment.*

## BIOL 41 MICROBIOLOGY 6 Units

**Prerequisite:** High school chemistry or CHEM 30A.  
**Advisory:** ESLL 25 and 235; critical reading skills and knowledge of English sentence structure; ability to comprehend spoken English in academic context.  
**4 hours lecture, 2 hours lecture-laboratory, 4 hours laboratory. (120 total hours per quarter.)**  
**Not Repeatable.**

Morphology and physiology of bacteria, fungi and viruses. Mechanisms of pathogenicity, host-parasite relationships, the immune response and principles of disease transmission. Techniques of microbial control including sterilization, aseptic procedures, use of disinfectants, antiseptics and chemotherapy.

10168	BIOL-041-.01	LAB12:00 PM-01:05 PM MTWTh	ROUHBAKHSH	8708
		L-L11:05 AM-11:40 AM MTWTh	ROUHBAKHSH	5001
		LEC10:00 AM-11:05 AM MTWTh	ROUHBAKHSH	5001

*BIOL-041-.01: Meets 7/1-8/24 (8 wks). All labs begin meeting the first week of the quarter. Students will be dropped if they do not attend the first class meeting - whether lec. or lab. Submit prerequisite proof of completion transcripts to counseling office; required for enrollment.*

10169	BIOL-041-.02	LAB02:00 PM-03:05 PM MTWTh	ROUHBAKHSH	TBA
		L-L11:05 AM-11:40 AM MTWTh	ROUHBAKHSH	5001
		LEC10:00 AM-11:05 AM MTWTh	ROUHBAKHSH	5001

*BIOL-041-.02: Meets 7/1-8/24 (8 wks). All labs begin meeting the first week of the quarter. Students will be dropped if they do not attend the first class meeting - whether lec. or lab. Submit prerequisite proof of completion transcripts to counseling office; required for enrollment.*

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
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## BIOL 45 INTRODUCTION TO HUMAN NUTRITION 4 Units

**Prerequisites:** CHEM 30A or 1 year of high school chemistry.  
**Advisory:** ENGL 1A or ESLL 26.  
**Corequisite:** Completion of or concurrent enrollment in BIOL 40C.  
**4 hours lecture. (48 total hours per quarter.)**  
**Not Repeatable.**

Introduction to the medical aspects of nutrition, intended for students wishing to pursue a career in health care. Biological function and chemical classification of nutrients. Nutritional needs throughout the lifespan. Effects of nutritional deficiencies and excesses. Recommended nutrient intakes and the role of diet in the development of chronic disease.

10170	BIOL-045-.01	LEC06:00 PM-07:50 PM MTWTh	WEBB	8403
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*BIOL-045-.01: Meets 7/1-8/8 (6wks). Students will be dropped if they do not attend the first class meeting - whether lec. or lab. Students must have internet access. Submit prerequisite proof of completion transcripts to counseling office; required for enrollment.*

## BUSINESS

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

See also Accounting. Certificate information: Business Management I and II Certificate of Achievement; Business Marketing Certificate of Achievement; Small Business Certificate of Achievement and Completion; and Business Dispute, Resolution & Mediation Certificate of Completion (this certificate is also a Continuing Education Unit, CEU). For more information access [www.foothill.edu/bss/](http://www.foothill.edu/bss/).

## BUSI 11 INTRODUCTION TO INFORMATION SYSTEMS 5 Units

**Formerly:** CIS 10, 60  
**Advisory:** MATH 220 or equivalent; BUSI 91L; eligibility for ENGL 1A or ESLL 26; **not open to students with credit in CIS 10 or 60.**  
**4 hours lecture, 3 hours laboratory. (84 total hours per quarter.)**  
**Not Repeatable.**

Introduction to the concepts of management and information systems especially as used in business and similar organizations. Covers the need for information, how computers are used in business and other organizations 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.

✓ 10868	BUSI-011-.01W	LAB	TBA	TBA	WILL	ONLINE
✓		LEC	TBA	TBA	WILL	ONLINE

*BIUSI-011-.01W: Offered via Internet. After registering, you must refer to course descriptions at [www.foothill.edu/fga/](http://www.foothill.edu/fga/) for information on how to begin.*

*Previously CIS-10 & CIS-60.*

✓ 10869	BUSI-011-.02W	LEC	TBA	TBA	WILL	ONLINE
✓		LAB	TBA	TBA	WILL	ONLINE

*BIUSI-011-.02W: Offered via Internet. After registering, you must refer to course descriptions at [www.foothill.edu/fga/](http://www.foothill.edu/fga/) for information on how to begin.*

*Previously CIS-10 & CIS-60.*

## BUSI 59 PRINCIPLES OF MARKETING 4 Units

**Advisory:** Not open to students with credit in BUSI 90.  
**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.

● 10872	BUSI-059-.01	LEC 08:00 AM-09:50 AM MTWTh	LEW	CCOC
11017	BUSI-059-.02	LEC10:30 AM-12:30 PM MTWTh	GREENE	3015

Continued on next page ➤

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# SUMMER SESSIONS 2013 COURSES

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
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**BUSI 91L INTRODUCTION TO BUSINESS INFORMATION PROCESSING 4 Units**

Formerly: BUSI 10

Advisory: Not open to students with credit in BUSI 10.

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

Not Repeatable.

Knowledge and understanding of business uses of computer and information processing. 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.

✓ 10866	BUSI-091L-01W	LEC	TBA TBA	MCKEE	ONLINE
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BUSI-091L-01W: Offered via Internet. After registering, you must refer to course descriptions at [www.foothill.edu/fga/](http://www.foothill.edu/fga/) for information on how to begin.

**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.

● 10888	BUSI-095-.01	LEC	10:00 AM-11:50 AM	MTWTh	WONG	CCOC
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## COMPUTER SCIENCE

Physical Sciences, Mathematics & Engineering (650) 949-7259

**C S 1A OBJECT-ORIENTED PROGRAMMING METHODOLOGIES IN JAVA 5 Units**

Advisory: Satisfactory score on the Mathematics Placement test or MATH 105 or 108.

4 hours lecture, 3 hours laboratory. (84 total hours per quarter.)

Not Repeatable.

This course is a systematic introduction to fundamental concepts of computer science through the study of the Java programming language intended for Computer Science majors as well as non-majors and professionals seeking Java programming experience. Coding topics include Java control structures, classes, methods, arrays, graphical user interfaces and elementary data structures. Concept topics include algorithms, recursion, data abstraction, problem solving strategies, code style, documentation, debugging techniques and testing.

✓ 10770	C S -001A-01W	LEC	TBA TBA	STAFF	ONLINE
✓		LAB	TBA TBA	STAFF	ONLINE
✓ 10771	C S -001A-02W	LEC	TBA TBA	STAFF	ONLINE
✓		LAB	TBA TBA	STAFF	ONLINE
✓ 10772	C S -001A-10W	LAB	TBA TBA	STAFF	ONLINE
✓		LEC	TBA TBA	STAFF	ONLINE
✓ 10773	C S -001A-11W	LEC	TBA TBA	STAFF	ONLINE
✓		LAB	TBA TBA	STAFF	ONLINE

**C S 2A OBJECT-ORIENTED PROGRAMMING METHODOLOGIES IN C++ 5 Units**

Advisory: Satisfactory score on the mathematics placement test or MATH 105 or 108.

4 hours lecture, 3 hours laboratory. (84 total hours per quarter.)

Not Repeatable.

This course is a systematic introduction to fundamental concepts of computer science through the study of the C++ programming language intended for Computer Science majors as well as non-majors and professionals seeking C++ programming experience.

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
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Coding topics include C++ control structures, objects, global-scope functions, class methods, arrays and elementary data structures. Concept topics include algorithms, recursion, data abstraction, problem solving strategies, code style, documentation, debugging techniques and testing.

✓ 10767	C S -002A-01W	LEC	TBA TBA	STAFF	ONLINE
✓		LAB	TBA TBA	STAFF	ONLINE
✓ 10768	C S -002A-02W	LAB	TBA TBA	STAFF	ONLINE
✓		LEC	TBA TBA	STAFF	ONLINE
✓ 10766	C S -002A-10Y	LAB	TBA TBA	STAFF	ONLINE
		LEC	08:30 AM-10:20 AM	MTWTh	STAFF 8401
✓ 10769	C S -002A-11W	LEC	TBA TBA	STAFF	ONLINE
✓		LAB	TBA TBA	STAFF	ONLINE

**C S 10 COMPUTER ARCHITECTURE & ORGANIZATION 5 Units**

Prerequisite: C S 1A or 2A.

Advisory: C S 1C or 2C.

4 hours lecture, 3 hours laboratory. (84 total hours per quarter.)

Not Repeatable.

The course covers the organization, architecture and machine-level programming of computer systems. Topics include mapping of high-level language constructs into assembly code, internal data representations, numerical computation, virtual memory, pipelines, caching, multitasking, MIPS architecture, MIPA assembly language code, interrupts, input/output, peripheral storage processing, and comparison of CISC (Intel) and RISC (MIPS) instruction sets.

11021	C S -010.-01	LEC	08:30 AM-10:20 AM	MTWTh	STAFF	4308
		LAB	TBA TBA	STAFF	4308	

## CHEMISTRY

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

CHEM 1A, 1B, 25, 30A, 30B: 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 waiver from the division office.

**CHEM 1A GENERAL CHEMISTRY 5 Units**

Prerequisites: Satisfactory score on the chemistry placement test or CHEM 25; satisfactory score on the mathematics placement test or MATH 105 or 108.

Advisory: Concurrent enrollment in ESLL 25 or ENGL 209.

3 hours lecture, 2 hours lecture-laboratory, 4 hours laboratory. (108 total hours per quarter.)

Not Repeatable.

The course covers fundamental chemical principles with an emphasis on physical and chemical properties, stoichiometry, chemical reaction types, kinetic molecular theory, thermochemistry, modern atomic theory and atomic structure, chemical bonding and bonding theory, and molecular shapes. The laboratory component parallels lecture topics and also includes chemical nomenclature, basic chemical equations, stoichiometry, unknown analysis, and fundamentals of oxidation and reduction.

10430	CHEM-001A-01	LEC	08:00 AM-09:15 AM	MTWTh	LIU	4813
		L-L	10:00 AM-10:50 AM	MTWTh	LIU	4801
		LAB	11:00 AM-12:50 PM	MTWTh	LIU	4801

CHEM-001A-01: Concurrent enrollment in Chemistry 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.

10765	CHEM-001A-02	LEC	12:00 PM-01:15 PM	MTWTh	REZAI	4813
		L-L	02:00 PM-02:50 PM	MTWTh	REZAI	4801
		LAB	03:00 PM-04:50 PM	MTWTh	REZAI	4801

CHEM-001A-02: Concurrent enrollment in Chemistry 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.

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# SUMMER SESSIONS 2013 COURSES

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

10022	CHEM-001B-01	LEC08:00 AM-09:15 AM MTWTh	RUHLAND-FRITSCH	4603
		L-L10:00 AM-10:50 AM MTWTh	RUHLAND-FRITSCH	4814
		LAB11:00 AM-12:50 PM MTWTh	RUHLAND-FRITSCH	4814

CHEM-001B-01: 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.

10144	CHEM-001B-02	LAB02:00 PM-02:50 PM MTWTh	SALARI	4814
		L-L03:00 PM-04:50 PM MTWTh	SALARI	4814
		LEC12:00 PM-01:15 PM MTWTh	SALARI	4603

CHEM-001B-02: 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.

## CHEM 1C GENERAL CHEMISTRY & QUALITATIVE ANALYSIS 5 Units

Prerequisite: CHEM 1B.

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.

10023	CHEM-001C-01	LEC08:30 AM-09:50 AM	MTWTh	ESFANDIARI	4602
		L-L11:30 AM-01:20 PM MTWTh	ESFANDIARI	4812	
		LAB10:30 AM-11:20 AM MTWTh	ESFANDIARI	4812	

CHEM-001C-01: 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.

10024	CHEM-001C-02	LEC06:00 PM-07:15 PM MTWTh	WANG	4603
		L-L07:30 PM-08:20 PM MTWTh	WANG	4812
		LAB08:30 PM-10:20 PM MTWTh	WANG	4812

CHEM-001C-02: 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.

## CHEM 12C 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 biologically active molecules such as proteins and carbohydrates. Continued emphasis on structure-reactivity relationships, mechanisms of functional group transformations, multi-step syntheses and laboratory methods of synthesis, purification, isolation and characterization of target organic molecules. For biological science, chemistry, and environmental science majors as well as any pre-professional students studying for careers in dentistry, medicine, pharmacy, veterinary medicine and any other interested students who have mastered the prerequisites.

10025	CHEM-012C-01	LEC08:30 AM-10:25 AM MTWTh	TAM	4604
		LAB12:00 PM-01:50 PM MTWTh	TAM	4804
		L-L11:00 AM-11:50 AM MTWTh	TAM	4813
10530	CHEM-012C-02	LEC11:30 AM-01:20 PM MTWTh	TAM	4602
		L-L02:00 PM-02:50 PM MTWTh	TAM	4804
		LAB03:00 PM-04:50 PM MTWTh	TAM	4804

## CHEM 25 FUNDAMENTALS OF CHEMISTRY 5 Units

Prerequisite: Satisfactory score on the mathematics placement test or MATH 105 or 108.

Advisory: Concurrent enrollment in ESLL 25 or ENGL 209.

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

Not Repeatable.

Intended for students who wish to meet general education requirements in physical science or need background preparation for CHEM 1A. The course includes basic chemical laboratory techniques and methods, a survey of important chemical principles with emphasis on problem solving, and a description of the elements and their compounds.

10026	CHEM-025.-01	LAB03:30 PM-05:20 PM MW	MOSSMAN	4812
		L-L02:30 PM-03:20 PM MW	MOSSMAN	4812
		LEC12:00 PM-01:50 PM MTWTh	MOSSMAN	4604

CHEM-025.-01: Additional costs for online materials or content in place of or in addition to a textbook may be required.

10470	CHEM-025.-02	LEC05:30 PM-07:20 PM MTWTh	SINHA	4601
		L-L07:30 PM-08:20 PM TTh	SINHA	4814
		LAB08:30 PM-10:20 PM TTh	SINHA	4814

CHEM-025.-02: Additional costs for online materials or content in place of or in addition to a textbook may be required.

## CHEM 30A SURVEY OF INORGANIC & ORGANIC CHEMISTRY 5 Units

Prerequisite: Satisfactory score on the Mathematics Placement Test or MATH 217 or 220.

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

Not Repeatable.

This is an introductory course covering basic principles of chemistry more descriptive than quantitative in emphasis. Topics include atomic structure, the periodic table, the three states of matter, energy, chemical bonding in ionic and molecular compounds, nomenclature, measurement and the metric system, chemical reactions and equations, solutions, acids, bases, salts and electrolyte systems. This chemistry course is primarily for students entering the allied health field including: nursing, veterinary technology, dental assistant, dental hygiene, biotechnology, primary care associate, radiation therapy technology, radiological technology, respiratory therapy, and pharmaceutical technology.

10027	CHEM-030A-01	LAB12:00 PM-02:05 PM TTh	NGUYEN	4719
		L-L11:00 AM-11:50 AM TTh	NGUYEN	4719
		LEC08:30 AM-10:25 AM MTWTh	NGUYEN	4605

CHEM-030A-01: Additional costs for online materials or content in place of or in addition to a textbook may be required.

10028	CHEM-030A-02	LAB03:30 PM-05:20 PM MW	SRINIVASAN	4719
		LEC12:00 PM-01:50 PM MTWTh	SRINIVASAN	4605
		L-L02:30 PM-03:20 PM MW	SRINIVASAN	4719

CHEM-030A-02: Additional costs for online materials or content in place of or in addition to a textbook may be required.

10549	CHEM-030A-03	LEC05:30 PM-07:20 PM MTWTh	LI	4602
		LAB08:30 PM-10:20 PM MW	LI	4719
		L-L07:30 PM-08:20 PM MW	LI	4719

CHEM-030A-03: Additional costs for online materials or content in place of or in addition to a textbook may be required.

## CHEM 30B SURVEY OF ORGANIC & BIOCHEMISTRY 5 Units

Prerequisite: CHEM 30A.

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

Not Repeatable.

This is a course covering basic principles of organic chemistry and biological chemistry. Topics include organic chemistry nomenclature, functional groups, and an introduction to structure and properties of carbohydrates, lipids, nucleic acids, proteins and enzymes. An overview of metabolism will also be given. This chemistry course is primarily for students entering the allied health field including: nursing, dental hygiene, and biotechnology.

10029	CHEM-030B-01	L-L07:30 PM-08:20 PM TTh	SCHAFFERT	4719
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Unless otherwise noted, summer sessions run June 10–July 21 & July 1-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 19, 2013. Be aware that course listing and footnote information may have changed. For the most accurate, current course listings, always access the online class schedule.

# SUMMER SESSIONS 2013 COURSES

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
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LEC05:30 PM-07:20 PM	MTWTh	SCHAFFERT	4604
LAB08:30 PM-10:20 PM	TTh	SCHAFFERT	4719

CHEM-030B-01: Additional costs for online materials or content in place of or in addition to a textbook may be required.

## CHILD DEVELOPMENT

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

Child Development offers a five-tier certificate program, with each certificate qualifying you for a higher level child development permit: Child Development Assistant Career Certificate, Child Development Associate Teacher Career Certificate, Child Development Teacher Career Certificate, Child Development Master Teacher Certificate, and Child Development Site Supervisor Certificate. For more information, access [www.foothill.edu/bss](http://www.foothill.edu/bss)

### CHLD 1 CHILD DEVELOPMENT: PRENATAL TO EARLY CHILDHOOD 4 Units

Advisory: Not open to students with credit in CHLD 55.

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

Not Repeatable.

Development of the child from prenatal life through early childhood. In-depth study of the physical, cognitive, language and social-emotional development of children using observation to connect theory to practice.

10873 CHLD-001.-01	LEC08:00 AM-09:50 AM	MTWTh	DAVE	3301
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CHLD-001.-01: Previously CHLD-55.

◆ 10876 CHLD-001.-02	LEC06:00 PM-09:50 PM	MW	CARDUCCI	MC J6
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CHLD-001.-02: Previously CHLD-55.

✓ 10886 CHLD-001.-03W	LEC	TBA TBA	SMITH	ONLINE
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CHLD-001.-03W: Offered via Internet. After registering, you must refer to course descriptions at [www.foothill.edu/fga/](http://www.foothill.edu/fga/) for information on how to begin.

Previously CHLD-55.

### CHLD 2 CHILD DEVELOPMENT: MIDDLE CHILDHOOD TO ADOLESCENCE 4 Units

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

Not Repeatable.

Development of the child from middle childhood through adolescence. In-depth study of the physical, cognitive, language and social-emotional development of children using observation to connect theory to practice.

10874 CHLD-002.-01	LEC10:00 AM-11:50 AM	MTWTh	STAFF	3206
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CHLD-002.-01: Previously CHLD-55.

✓ 10887 CHLD-002.-02W	LEC	TBA TBA	SMITH	ONLINE
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CHLD-002.-02W: Offered via Internet. After registering, you must refer to course descriptions at [www.foothill.edu/fga/](http://www.foothill.edu/fga/) for information on how to begin.

Previously CHLD-55.

### CHLD 56N PRINCIPLES & PRACTICES OF TEACHING YOUNG CHILDREN 4 Units

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

Not Repeatable.

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

◆ 10274 CHLD-056N-01	LEC06:00 PM-09:40 PM	MW	PEREZ HERNANDEZ	MC J7
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Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
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CHLD 85	LITERACY & LITERATURE IN EARLY CHILDHOOD EDUCATION	3 Units		
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3 hours lecture. (36 total hours per quarter.)

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.

◆ 10276 CHLD-085.-01	LEC06:00 PM-08:50 PM	TTh	STAFF	MC J7
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### CHLD 88 CHILD, FAMILY & COMMUNITY 4 Units

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

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.

◆ 10151 CHLD-088.-01	LEC06:00 PM-09:40 PM	TTh	CARDUCCI	MC J6
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✓ 10206 CHLD-088.-02W	LEC	TBA TBA	EBESUGAWA	ONLINE
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CHLD-088.-02W: Offered via Internet. After registering, you must refer to course descriptions at [www.foothill.edu/fga/](http://www.foothill.edu/fga/) for information on how to begin.

### CHLD 88B POSITIVE BEHAVIOR MANAGEMENT 2 Units

2 hours lecture. (24 total hours per quarter.)

Not Repeatable.

Introduction to a range of positive guidance techniques that can be used with infants, toddlers, pre-school, and school-aged children. Emphasis on selection of appropriate positive guidance strategies to meet the needs of each individual child.

◆ 10878 CHLD-088B-01	LEC09:30 AM-05:30 PM		PEREZ HERNANDEZ	MC J2
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CHLD-088B-01: class meets the following three Saturdays from 9:30a to 5:30p: July 6, 13 and 20, 2013.

### CHLD 89 CURRICULUM FOR EARLY CARE & EDUCATION PROGRAMS 3 Units

Advisory: CHLD 1 or 2.

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

Not Repeatable.

An overview of knowledge and skills related to providing appropriate curriculum and environments for young children from birth to six years. The course will include the essential elements of developing a curriculum framework emphasizing the roles of both the child and adult.

◆ 10207 CHLD-089.-01	LEC06:30 PM-09:20 PM	MW	DAVE	MC J2
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## COUNSELING

Counseling & Student Services (650) 949-7296

[www.foothill.edu/counseling](http://www.foothill.edu/counseling)

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.

### CNSL 5 INTRODUCTION TO COLLEGE 1 Unit

Formerly: CNSL 50

Advisory: Not open to students with credit in CNSL 50.

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

Not Repeatable.

Orientation to Foothill College academic policies, resources, programs and services; introduction to California systems of higher education; formulation of educational plan.

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◆ = Middlefield Campus class

✓ = Online or Hybrid class

● = Off-Campus class

Evening classes are shaded.

# SUMMER SESSIONS 2013 COURSES

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
10800 CNSL-005-.01	LEC 09:00 AM-12:40 PM MTW		CELLILO	6505
<i>CNSL-005-.001: This class was formerly CNSL 50. Class meets 7/1/13-7/3/13.</i>				
10803 CNSL-005-.02	LEC09:00 AM-12:40 PM MTW		DENVER	6506
<i>CNSL-005-.02: This course was formerly CNSL 50. Class meets 7/1/13-7/3/13.</i>				
10805 CNSL-005-.03	LEC01:00 PM-04:40 PM MTW		DENVER	6506
<i>CNSL-005-.03: This course was formerly CNSL 50. Class meets 7/1/13-7/3/13.</i>				
10807 CNSL-005-.04	LEC09:00 AM-12:40 PM MTW		ESCOTO	6307
<i>CNSL-005-.04: This course was formerly CNSL 50. Class meets 7/1/13-7/3/13.</i>				
10808 CNSL-005-.06	LEC08:30 AM-12:10 PM MTW		VILLANUEVA	6403
<i>CNSL-005-.06: This course was formerly CNSL 50. Class meets 7/8/13-7/10/13.</i>				
10809 CNSL-005-.07	LEC12:30 PM-04:20 PM MTW		VILLANUEVA	6403
<i>CNSL-005-.07: This course was formerly CNSL 50. Class meets 7/8/13-7/10/13.</i>				
10811 CNSL-005-.08	LEC01:00 PM-04:40 PM MTW		CELLILO	6506
<i>CNSL-005-.08: This course was formerly CNSL 50. Class meets 7/8/13-7/10/13.</i>				
10813 CNSL-005-.09	LEC09:00 AM-12:40 PM TWTh		ESCOTO	6307
<i>CNSL-005-.09: This course was formerly CNSL 50. Class meets 7/9/13-7/11/13.</i>				
10814 CNSL-005-.10	LEC08:30 AM-12:10 PM MTW		VILLANUEVA	6403
<i>CNSL-005-.10: This course was formerly CNSL 50. Class meets 7/15/13-7/17/13.</i>				
10815 CNSL-005-.11	LEC01:00 PM-04:40 PM MTW		CASHMERE	8330
<i>CNSL-005-.11: This course was formerly CNSL 50. Class meets 7/22/13-7/24/13.</i>				
10879 CNSL-005-.12	LEC12:30 PM-04:10 PM MTW		SERNA	3202
<i>CNSL-005-.12: Course was formerly CNSL 50. This class for students enrolled in the Summer Bridge Program only. Class meets 7/15/13-7/17/13.</i>				
10816 CNSL-005-.13	LEC09:00 AM-12:40 PM MTW		DENVER	6506
<i>CNSL-005-.13: This course was formerly CNSL 50. Class meets 7/22/13-7/24/13.</i>				
10817 CNSL-005-.14	LEC01:00 PM-04:40 PM MTW		DENVER	6506
<i>CNSL-005-.14: This course was formerly CNSL 50. Class meets 7/22/13-7/24/13.</i>				
10819 CNSL-005-.15	LEC09:00 AM-12:40 PM MTW		CELLILO	6307
<i>CNSL-005-.15: This course was formerly CNSL 50. Class meets 7/29/13-7/31/13.</i>				
10820 CNSL-005-.16	LEC09:00 AM-12:40 PM MTW		DENVER	6505
<i>CNSL-005-.16: This course was formerly CNSL 50. Class meets 7/29/13-7/31/13.</i>				
10822 CNSL-005-.17	LEC01:00 PM-04:40 PM MTW		DENVER	6505
<i>CNSL-005-.17: This course was formerly CNSL 50. Class meets 7/29/13-7/31/13.</i>				
10823 CNSL-005-.18	LEC09:00 AM-12:40 PM MTW		SERNA	8330
<i>CNSL-005-.18: This course was formerly CNSL 50. Class meets 8/5/13-8/7/13.</i>				
10824 CNSL-005-.19	LEC01:00 PM-04:40 PM MTW		SERNA	8330
<i>CNSL-005-.02: This course was formerly CNSL 50. Class meets 8/5/13-8/7/13.</i>				
10826 CNSL-005-.20	LEC01:00 PM-04:40 PM MTW		CASHMERE	8330
<i>CNSL-005-.20: This course was formerly CNSL 50. Class meets 8/12/13-8/14/13.</i>				
10827 CNSL-005-.21	LEC09:00 AM-12:40 PM MTW		ARREOLA TRIGONIS	8330
<i>CNSL-005-.21: This course was formerly CNSL 50. Class meets 8/19/13-8/21/13.</i>				
10828 CNSL-005-.22	LEC09:00 AM-12:40 PM MTW		SERNA	6301
<i>CNSL-005-.22: This course was formerly CNSL 50. Class meets 8/19/13-8/21/13.</i>				
10829 CNSL-005-.23	LEC01:00 PM-04:40 PM MTW		SERNA	6301
<i>CNSL-005-.23: This course was formerly CNSL 50. Class meets 8/19/13-8/21/13.</i>				
10830 CNSL-005-.24	LEC09:00 AM-12:40 PM MTW		SMALL	8330
<i>CNSL-005-.24: This course was formerly CNSL 50. Class meets 8/26/13-8/28/13.</i>				
10831 CNSL-005-.25	LEC01:00 PM-04:40 PM MTW		SMALL	8330
<i>CNSL-005-.25: This course was formerly CNSL 50. Class meets 8/26/13-8/28/13.</i>				
10832 CNSL-005-.26	LEC09:00 AM-12:40 PM TWTh		ESCOTO	6302
<i>CNSL-005-.26: This course was formerly CNSL 50. Class meets 8/27/13-8/29/13.</i>				
10833 CNSL-005-.27	LEC09:00 AM-12:40 PM TWTh		SMALL	8330
<i>CNSL-005-.27: This course was formerly CNSL 50. Class meets 9/3/13-9/5/13.</i>				
10834 CNSL-005-.28	LEC09:00 AM-12:40 PM MTW		SMALL	3202
<i>CNSL-005-.28: This course was formerly CNSL 50. The course is offered to Middle College Students only. Class meets 9/9/13-9/11/13.</i>				
10835 CNSL-005-.29	LEC09:00 AM-12:40 PM MTW		SERNA	8330
<i>CNSL-005-.29: This course was formerly CNSL 50. Class meets 9/9/13-9/11/13.</i>				
10836 CNSL-005-.30	LEC01:00 PM-04:40 PM MTW		SERNA	8330
<i>CNSL-005-.30: This course was formerly CNSL 50. Class meets 9/9/13-9/11/13.</i>				
11006 CNSL-005-.31	LEC08:30 AM-12:10 PM TWTh		NAVA	5210
<i>CNSL-005-.31: Course formerly was CNSL 50. Class meets 9/10/13-9/12/13.</i>				
11020 CNSL-005-.32	LEC08:30 AM-11:20 AM MW		WU	3202
<i>CNSL-005-.32: This class was formerly CNSL 50. Class is designed for EOPS students only. Contact April Henderson at 650-949-7206 for enrollment information. Class meets from 7/1/13-7/10/13.</i>				
✓10840 CNSL-005-.50W	LEC TBA TBA BERTANI		ONLINE	
<i>CNSL-005-.50W: This course was formerly CNSL 50. Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/tga/ for information on how to begin. Class runs 6/10/13-6/28/13.</i>				
✓10842 CNSL-005-.51W	LEC TBA TBA BERTANI		ONLINE	
<i>CNSL-005-.51W: This course was formerly CNSL 50. Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/tga/ for information on how to begin. Class runs 6/24/13-7/11/13.</i>				
✓10844 CNSL-005-.52W	LEC TBA TBA LEE		ONLINE	
<i>CNSL-005-.52W: This course was formerly CNSL 50. Offered via Internet. After registering, you must refer</i>				

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
<i>to course descriptions at www.foothill.edu/tga/ for information on how to begin. Class runs 7/1/13-7/12/13.</i>				
✓10845 CNSL-005-.53W	LEC TBA TBA BERTANI		ONLINE	
<i>CNSL-005-.53W: This course was formerly CNSL 50. Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/tga/ for information on how to begin. Class runs 7/1/13-7/19/13.</i>				
✓10846 CNSL-005-.54W	LEC TBA TBA WU		ONLINE	
<i>CNSL-005-.54W: This course was formerly CNSL 50. Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/tga/ for information on how to begin. Class runs 7/8/13-7/19/13.</i>				
✓10847 CNSL-005-.55W	LEC TBA TBA WU		ONLINE	
<i>CNSL-005-.55W: This course was formerly CNSL 50. Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/tga/ for information on how to begin. Class runs 7/22/13-8/2/13.</i>				
✓11007 CNSL-005-.56W	LEC TBA TBA BERTANI		ONLINE	
<i>CNSL-005-.56W: Course was formerly CNSL 50. Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/tga/ for information on how to begin. Class runs 8/5/13-8/23/13.</i>				
<b>CNSL 86</b>	<b>INTRODUCTION TO LEADERSHIP</b>	<b>1 Unit</b>		
<b>Advisory: Eligibility for ENGL 110 or ESLL 25; Affiliation with student government or other campus leadership position.</b>				
<b>1 hour lecture. (12 total hours per quarter.)</b>				
<b>Not Repeatable.</b>				
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 is required.				
10960 CNSL-086-.01	LEC01:00 PM-04:40 PM MTW		SMALL	3101
<i>CNSL-086.01: Course meets for three weeks only: 6/28/11 - 7/14/11. Phone (650) 949-7218 for information.</i>				
<b>CNSL 275</b>	<b>EOPS: THE ROAD TO COLLEGE SUCCESS - MORE THAN JUST BOOKS</b>	<b>1 Unit</b>		
<b>Formerly: CNSL 175</b>				
<b>Advisory: Not open to students with credit in CNSL 175.</b>				
<b>1 hour lecture. (12 total hours per quarter.)</b>				
<b>Not Repeatable.</b>				
Course will introduce EOPS/CARE students to various EOPS services, policies and requirements governing programs. Course encourages collaborative learning, educational attainment, promotes student retention, persistence, success. Topics included: financial aid/scholarship applications, identifying campus resources, budgeting and managing money, cultural identity and experiences, goal-setting, self-esteem, career options, managing time.				
10686 CNSL-275-.01	LEC08:30 AM-11:20 AM MW		WU	6201
<i>CNSL-275.01: Course meets for two weeks only: 7/15/13-7/24/13. and is designed for EOPs students only. Formerly listed as CNSL 175. Contact April Henderson at 650-949-7206 for enrollment information.</i>				
<h2>COMMUNICATION STUDIES</h2>				
<b>Fine Arts &amp; Communication</b>		<b>(650) 949-7262</b>	<b>www.foothill.edu/fa/</b>	
Classes meet six weeks unless otherwise indicated.				
<b>COMM 1A</b>	<b>PUBLIC SPEAKING</b>	<b>5 Units</b>		
<b>Advisory: Eligibility for ENGL 1A or ESLL 26, or equivalent; not open to students with credit in COMM 1AH or SPCH 1A.</b>				
<b>5 hours lecture. (60 total hours per quarter.)</b>				
<b>Not Repeatable.</b>				
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.				
✓10243 COMM-001A-01Y	LEC TBA TBA HORTON		ONLINE	
<i>COMM-001A-01Y: Hybrid class. 4 weekly TBA hours via online instruction. Course is both CSU and UC transferable. Course satisfies IGETC AREA1C (Oral Communication) and CSU GE Area A-1 (Oral Communication). Also satisfies Foothill's Area V General Education requirement (Communication and Analytical Thinking). Approved for AA in Communication Studies and both Communication Certificates of Proficiency and Specialization.</i>				

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# SUMMER SESSIONS 2013 COURSES

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
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10031 COMM-001A-02 LEC10:00 AM-02:50 PMMW HAASE 1219  
 COMM-001A-02: Course is both CSU and UC transferable. Course satisfies IGETC AREA1C (Oral Communication) and CSU GE Area A-1 (Oral Communication). Also satisfies Foothill's Area V General Education requirement (Communication

and Analytical Thinking). Approved for AA in Communication Studies and both Communication Certificates of Proficiency and Specialization.

✓ 10780 COMM-001A-02Y LEC TBA TBA HASAN ONLINE  
 LEC06:00 PM-07:50 PMMW HASAN 6201

COMM-001A-02Y: Hybrid class. 4 additional weekly TBA hours via online instruction. Course is both CSU and UC transferable. Course satisfies IGETC AREA1C (Oral Communication) and CSU GE Area A-1 (Oral Communication). Also satisfies Foothill's Area V General Education requirement (Communication

and Analytical Thinking). Approved for AA in Communication Studies and both Communication Certificates of Proficiency and Specialization.

10032 COMM-001A-03 LEC10:00 AM-02:50 PMTTh FRANKLIN 1219  
 COMM-001A-03: Course is both CSU and UC transferable. Course satisfies IGETC AREA1C (Oral Communication) and CSU GE Area A-1 (Oral Communication). Also satisfies Foothill's Area V General Education requirement (Communication

and Analytical Thinking). Approved for AA in Communication Studies and both Communication Certificates of Proficiency and Specialization.

◆ 10781 COMM-001A-03Y LEC06:00 PM-09:50 PMMW HAASE MC J5  
 LEC TBA TBA HAASE ONLINE

COMM-001A-03Y: Hybrid class. 2 additional weekly TBA hours via online instruction. Course is both CSU and UC transferable. Course satisfies IGETC AREA1C (Oral Communication) and CSU GE Area A-1 (Oral Communication). Also satisfies Foothill's Area V General Education requirement (Communication

and Analytical Thinking). Approved for AA in Communication Studies and both Communication Certificates of Proficiency and Specialization.

10033 COMM-001A-04 LEC01:00 PM-05:50 PM MW FRANKLIN 1220  
 COMM-001A-04: Course is both CSU and UC transferable. Course satisfies IGETC AREA1C (Oral Communication) and CSU GE Area A-1 (Oral Communication). Also satisfies Foothill's Area V General Education requirement (Communication and Analytical Thinking). Approved for AA in Communication Studies and both Communication Certificates of Proficiency and Specialization.

✓ 10779 COMM-001A-05Y LEC TBA TBA HASAN ONLINE  
 LEC06:00 PM-09:50 PMTTh HASAN MC J5

COMM-001A-05Y: Hybrid class. 2 additional weekly TBA hours via online instruction. Course is both CSU and UC transferable. Course satisfies IGETC AREA1C (Oral Communication) and CSU GE Area A-1 (Oral Communication). Also satisfies Foothill's Area V General Education requirement (Communication and Analytical Thinking). Approved for AA in Communication Studies and both Communication Certificates of Proficiency and Specialization.

## COMM 10 GENDER, COMMUNICATION & CULTURE 5 Units

Advisory: Eligibility for ENGL 1A or ESLL 26, or equivalent; not open to students with credit in SPCH 10.

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

Not Repeatable.

A comparative and integrative study of the interactive relationship between communication, gender, and culture in American society. Emphasis on the multiple ways communication in interpersonal relationships, educational institutions, organizations, media, and society in general creates and perpetuates gender roles. Analysis of gendered histories, traditions, and practices which normalize certain expectations, values, meanings, and patterns of behavior across cultural/racial lines (Native Americans, Latino Americans, European Americans, African Americans, Asian Americans, Gays, Lesbians, Bi-sexual, and Transgendered peoples).

✓ 10500 COMM-010-01W LEC TBA TBA WHITLEY-PUTZ ONLINE

COMM-010-01W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/tga/ for information on how to begin. Course is both CSU and UC transferable. Approved for IGETC Area 4 (Social & Behavioral Sciences); CSU Area D-4 (Social Sciences); may be used to satisfy Foothill GE Area VI (United States Cultures & Communities) or Foothill GE Area VII (Lifelong Understanding). Also acceptable for AA in Communication Studies and both Communication Certificates of Proficiency and Specialization.

✓ 10797 COMM-010-02W LEC TBA TBA WHITLEY-PUTZ ONLINE

COMM-010-02W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/tga/ for information on how to begin. Course is both CSU and UC transferable. Approved for IGETC Area 4 (Social & Behavioral Sciences); CSU Area D-4 (Social Sciences); may be used to satisfy Foothill GE Area VI (United States Cultures & Communities) or Foothill GE Area VII (Lifelong Understanding). Also acceptable for AA in Communication Studies and both Communication Certificates of Proficiency and Specialization.

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
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COMM 12 INTERCULTURAL COMMUNICATION 5 Units  
 Advisory: Eligibility for ENGL 1A or ESLL 26, or equivalent; not open to students with credit in SPCH 12.

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

Not Repeatable.

A comparative and integrative study of intercultural communication in American Society. Analysis of cultural histories, cultural concepts, language, ethnic perspectives, perceptions, symbols and roles as they facilitate or hinder effective verbal and nonverbal interaction across cultural lines. Examination of cultural identities which influence thinking and behavior, such as race, class, gender, ethnicity, sexual orientation, nationality, age, appearance, and physical ability.

✓ 10493 COMM-012-01W LEC TBA TBA JOSSELYN ONLINE

COMM-012-01W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/tga/ for information on how to begin. Course is both CSU and UC transferable. Approved for IGETC Area 4 (Social & Behavioral Sciences); CSU Area C-2 (Humanities) or CSU GE Area D-3 (Social Sciences); Foothill AA GE for Area V (Communication & Analytical Thinking) or VI (United States Cultures & Communities) or Area VII (Lifelong Understanding). Also acceptable toward both Communication Certificates of Proficiency and Specialization.

✓ 10494 COMM-012-02W LEC TBA TBA JOSSELYN ONLINE

COMM-012-02W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/tga/ for information on how to begin. Course is both CSU and UC transferable. Approved for IGETC Area 4 (Social & Behavioral Sciences); CSU Area C-2 (Humanities) or CSU GE Area D-3 (Social Sciences); Foothill AA GE for Area V (Communication & Analytical Thinking) or VI (United States Cultures & Communities) or Area VII (Lifelong Understanding). Also acceptable toward both Communication Certificates of Proficiency and Specialization.

## COMM 55 CAREER & LEADERSHIP COMMUNICATION IN THE GLOBAL WORKPLACE 5 Units

Advisory: Eligibility for ENGL 1A or ESLL 26 or equivalent; not open to students with credit in SPCH 55.

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

Not Repeatable.

Introduction to communication in organizational, career, leadership and global contexts. Interviewing, interpersonal and intercultural communication, group interactions, professional presentations, and leadership development. Application of theories and skills through critically evaluated exercises.

✓ 10804 COMM-055-01W LEC TBA TBA NI ONLINE

✓ 10806 COMM-055-02W LEC TBA TBA NI ONLINE

## CAREER LIFE PLANNING

Counseling & Student Services

(650) 949-7296

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

## CRLP 55 LIFELONG LEARNING STRATEGIES 3 Units

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

Not Repeatable.

Interactive, applied course to teach learning strategies and skills necessary to successfully reach educational, career and personal objectives. Topics include time management, memory techniques, study reading, note taking, test preparation, other learning strategies and the techniques to apply them in college and throughout life.

10684 CRLP-055-01 LEC08:30 AM-12:10 PM TTh NAVA 8330

CRLP-055-01: Class runs from 07/02/2013 - 08/01/2013. Class is designed for EOPS students only. Contact April Henderson at 650-949-7206 for enrollment information.

## 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, skills identification, lifestyle assessment, decision making and goal-setting techniques.

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◆ = Middlefield Campus class

✓ = Online or Hybrid class

● = Off-Campus class

Evening classes are shaded.

# SUMMER SESSIONS 2013 COURSES

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
✓ 10415 CRLP-070-01W	LEC	TBA TBA	LEE	ONLINE
<i>CRLP-070-01W: Course fee \$30. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.</i>				
✓ 10416 CRLP-070-02W	LEC	TBA TBA	JINNAH	ONLINE
<i>CRLP-070-02W: Course fee \$30. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.</i>				
✓ 10548 CRLP-070-03W	LEC	TBA TBA	CELLILO	ONLINE
<i>CRLP-070-03W: Class runs from 07/01/2013 - 07/21/2013. Course fee \$30. Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.</i>				
✓ 10677 CRLP-070-04W	LEC	TBA TBA	JINNAH	ONLINE
<i>CRLP-070-04W: Course fee \$30. Course runs 6 weeks from 7/1/13-8/9/13. Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.</i>				

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
✓ 10596 CRWR-039B-01W	TBA	TBA TBA	ROBBINS	ONLINE
<i>CRWR-039B01W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin. This course will be offered 6/10-7/20/13.</i>				

and responding to published works and student work, as well as writing original work. Class presentations and workshop leadership. Lecture and workshop. Analysis of public readings and/or interviews with writers.

## CRLP 71 EXPLORING CAREER FIELDS 1 Unit

Advisory: May not be concurrently enrolled in CRLP 70.

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

Not Repeatable.

Explore career options compatible with student's strengths and interests. Using resources on the campus as well as on the Internet and in communities to investigate specific career choices, researching job descriptions, desired employee characteristics, training/education requirements, salary ranges and employment trends.

✓ 10678 CRLP-071-01W	LEC	TBA TBA	CELLILO	ONLINE
<i>CRLP-071-01W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.</i>				
10680 CRLP-071-02	LEC	12:30 PM-04:10 PM	MTW	VILLANUEVA 8401
<i>CRLP-071-02: Class runs from 07/15/2013 - 07/17/2013. The above course is for students enrolled in the Summer Bridge Math Program only.</i>				

## CREATIVE WRITING

Language Arts

(650) 949-7678  
www.foothill.edu/la/

## CRWR 6 INTRODUCTION TO CREATIVE WRITING 5 Units

Prerequisite: Eligibility for ENGL 1A.

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

Not Repeatable.

Explicit instruction and practice in writing poetry and short fiction. Assignments include reading, analyzing and responding to published and student work and writing original work. Analysis of public readings and/or interviews with writers. Lecture and workshop.

10597 CRWR-006-21	LEC	10:30 AM-12:50 PM	MTWTh	TREANOR 6405
<i>CRWR-006-21: This course will be offered 7/1-8/8/13.</i>				

## CRWR 39A INTRODUCTION TO SHORT FICTION WRITING 5 Units

Prerequisite: Eligibility for ENGL 1A.

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

Not Repeatable.

Explicit instruction and practice in writing a variety of short fiction forms, including short narratives, flash fiction, and traditional short stories. Assignments include reading, analyzing and responding to published works and student work, as well as writing original work. Lecture and workshop. Analysis of public readings and/or interviews with writers.

✓ 10595 CRWR-039A-01W	TBA	TBA TBA	ROBBINS	ONLINE
<i>CRWR-039A01W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin. This course will be offered 6/10-7/20/13.</i>				

## CRWR 39B ADVANCED SHORT FICTION WRITING 5 Units

Prerequisite: CRWR 39A.

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

Not Repeatable.

Explicit instruction and practice in writing a variety of short fiction forms, including short narratives, flash fiction, and traditional short stories. Assignments include reading, analyzing

## DENTAL HYGIENE

Biological & Health Sciences

(650) 949-7538

www.foothill.edu/bio/programs/dentalh/

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

## D H 50 ORIENTATION TO DENTAL HYGIENE 1 Unit

Prerequisite: Admission to Dental Hygiene Program.

1.5 hours lecture-laboratory. (18 total hours per quarter.)

Not Repeatable.

Overview of dental hygiene as a career. Dental terminology, introduction to instrumentation skills, including: modified pen grasp, fulcrums, adaptation, insertion and activation of the explorer. The course will involve some online homework, observation in clinic, and instrumentation on typodonts. Strategies & skills for student success in the dental hygiene program. This course is intended for students enrolled in the dental hygiene program.

10749 D H -050-01Y	LAB	05:30 PM-08:45 PM	W	SPRAGGE 5302
✓	LEC	TBA TBA	SPRAGGE	ONLINE

## D H 65 CLINICAL LOCAL ANESTHESIA 2.5 Units

Prerequisites: D H 54 or completion of a ADA approved dental hygiene program; possession of a current CPR certificate.

2 hours lecture, 1.5 hours laboratory. (42 total hours per quarter.)

Not Repeatable.

Review of pharmacology, anatomy, physiology, and emergency procedures associated with local anesthetic procedures. Preparation for and administration of conduction and infiltration anesthesia in dental procedures. Laboratory and clinical experience in administration. Intended for students enrolled in the Dental Hygiene Program.

10750 D H -065-01	LEC	02:00 PM-03:50 PM	MTWTF	HOROWITZ 5302
	LAB	02:00 PM-04:20 PM	TTh	SPRAGGE 5302

## D H 200L INTRODUCTION TO DENTAL HYGIENE 1 Unit

Prerequisite: None

2 hours lecture-laboratory. (24 total hours per quarter.)

Not Repeatable.

Introduction to the profession of dental hygiene. Emphasis on dental terminology, communication skills, licensure requirements and clinical and lab techniques related to dental hygiene clinical practice. Discussion of the requirements for the Dental Hygiene Program.

10480 D H -200L-01Y	LEC	TBA TBA	LEICHT 5302
✓	LAB	TBA TBA	LEICHT ONLINE

*D H -200L-01Y: On-line course. Must request LATE ADD through foorthillglobalaccess.org. Mandatory on-campus lab Sat & Sun, 7/27 & 8/1, 9am-5pm. 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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# SUMMER SESSIONS 2013 COURSES

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

Kinesiology & Athletics (650) 949-7741 www.foothill.edu/dance

**DANC 1A BEGINNING BALLET** 1 Unit  
3 hours laboratory. (36 total hours per quarter.)  
Not Repeatable.

Introduction to the elementary fundamentals of classical ballet technique and training. Course includes the basic vocabulary and practice of beginning barre and center floor exercises.

10391 DANC-001A-01 LAB09:15 AM-12:05 PM MW DILEONARDO 2504

**DANC 1B INTERMEDIATE BALLET** 1 Unit  
Prerequisite: DANC 1A.  
3 hours laboratory. (36 total hours per quarter.)  
Not Repeatable.

Continuation into the intermediate fundamentals of ballet technique and training. Includes the intermediate vocabulary and practice of barre and center floor exercises.

10392 DANC-001B-01 LAB09:15 AM-12:05 PM MW DILEONARDO 2504

**DANC 4A BEGINNING BALLROOM & SOCIAL DANCE** 1 Unit  
Formerly: DANC 4

Advisory: Not open to students with credit in DANC 4.  
3 hours laboratory. (36 total hours per quarter.)  
Not Repeatable.

Introduction to beginning ballroom and social dance techniques. Instruction and practice in beginning Swing, Cha-Cha, Waltz, Fox Trot, Rhumba and Tango dances.

10951 DANC-004A-01 LAB01:15 PM-05:30 PM S FRANKEL 2507

◆ 10950 DANC-004A-02 LAB06:00 PM-10:15 PM W HUNTER MCGMB

**DANC 4B INTERMEDIATE BALLROOM & SOCIAL DANCE** 1 Unit

Prerequisite: DANC 4A.  
3 hours laboratory. (36 total hours per quarter.)  
Not Repeatable.

Introduction to intermediate ballroom and social dance techniques. Instruction and practice in beginning Swing, Cha-Cha, Waltz, Fox Trot, Rhumba and Tango dances.

10952 DANC-004B-01 LAB01:15 PM-05:30 PM S FRANKEL 2507

◆ 10726 DANC-004B-02 LAB06:00 PM-10:15 PM W HUNTER MCGMB

◆ 10955 DANC-004B-03 LAB07:10 PM-11:25 PM M FRANKEL MCPAV

**DANC 4C ADVANCED BALLROOM & SOCIAL DANCE** 1 Unit

Prerequisite: DANC 4B.  
3 hours laboratory. (36 total hours per quarter.)  
Not Repeatable.

Introduction to advanced ballroom and social dance techniques. Instruction and practice in advanced Swing, Cha-Cha, Waltz, Fox Trot, Rhumba and Tango dances.

◆ 10956 DANC-004C-01 LAB07:10 PM-11:25 PM M FRANKEL MCPAV

**DANC 5 WORLD DANCE** 1 Unit

Formerly: H P 47D  
Advisory: Not open to students with credit in H P 47D.  
3 hours laboratory. (36 total hours per quarter.)  
Not Repeatable.

Introduction to the history and origins of multicultural dance forms. Students will learn the basic steps, combinations, and finished dances of many traditional world dance forms.

◆ 10233 DANC-005-01 LAB10:10 AM-12:15 PM TTh FRANKEL MCPAV

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
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**DANC 6 BEGINNING COUNTRY-  
WESTERN LINE DANCING** 1 Unit

Formerly: H P 47  
3 hours laboratory. (36 total hours per quarter.)  
May be taken six times for credit.

Introduction to the fundamental skills for Country and Western Line Dancing. Students will participate in a variety of dance steps designed to develop the coordination, skill, choreography and timing necessary for social line dancing.

◆ 10953 DANC-006-01 LAB12:30 PM-02:35 PM TTh FRANKEL MCPAV

**DANC 10 TOPICS IN DANCE HISTORY** 4 Units

Formerly: H P 70  
Advisory: not open to students with credit in H P 70.  
4 hours lecture. (48 total hours per quarter.)  
Not Repeatable.

A comprehensive study of the evolution of theatrical dance in the western world from the 16th century through the present day. Includes the eras of French court ballet, ballet d'action, romantic and classical ballet, modern, post-modern and contemporary dance. Examines topics in dance as an art form, including history, traditions, trends; outstanding artists and works; practice in observing and understanding dance in a historical and cultural context. Analysis of dance as an expression of social order, power, classical art, a medium of cultural fusion, and as an expression of individual artists.

✓ 10036 DANC-010-01W LEC TBA TBA SHEWELT ONLINE

## DIAGNOSTIC MEDICAL SONOGRAPHY

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

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

**DMS 52B PHYSICAL PRINCIPLES OF DIAGNOSTIC  
MEDICAL SONOGRAPHY II** 2 Units

Prerequisite: DMS 52A.  
2 hours lecture. (24 total hours per quarter.)  
Not Repeatable.

A continuation of Physical Principles A with an emphasis on transducers, pulsed waves, real-time imaging and image display.

10037 DMS-052B-01 LEC05:00 PM-06:50 PM S SANDOVAL 6707

**DMS 53C DIAGNOSTIC MEDICAL SONOGRAPHY III** 2 Units

Prerequisite: Admission to the Diagnostic Medical Sonography Program.  
2 hours lecture, 1 hour online laboratory. (36 total hours per quarter.)  
Not Repeatable.

Anatomy, physiology and pathology of abdominal organs not yet covered, neurosonography, superficial structures, transplant, and the pediatric patient. Use of sonography in the operating room with a review of aseptic technique. Discussion of related medical ethics and legal issues. One hour per week will be spent in completing online exams and working on patient case studies.

✓ 10038 DMS-053C-01Y LAB TBA TBA AUSTIN ONLINE  
LEC12:00 PM-01:50 PM M AUSTIN 6707

**DMS 55A OBSTETRICS I** 2 Units

Prerequisite: Admission to the Diagnostic Medical Sonography Program.  
2 hours lecture, .5 hours online laboratory. (30 total hours per quarter.)  
Not Repeatable.

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# SUMMER SESSIONS 2013 COURSES

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
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Normal fetal growth and sonographic measurements with correlation to accepted standards. Development of the placenta, amniotic fluid and cord. Abnormalities, pathology and maternal complications. One-half hour per week will be spent in completing online exams and working on patient case studies.

✓ 10039	DMS-055A-01Y	LAB	TBA TBA	AUSTIN	ONLINE
		LEC02:00 PM-03:50 PMM		AUSTIN	6707

**DMS 60D CRITIQUE & PATHOLOGY IV** 1 Unit  
**Prerequisite:** Admission to the Diagnostic Medical Sonography Program.  
**1 hour lecture. (12 total hours per quarter.)**  
**Not Repeatable.**

Interpretation and critique of normal and abnormal anatomy with correlation of didactic, clinical and image information. Written and oral case presentations with emphasis on obstetrical subjects.

10040	DMS-060D-01	LEC10:00 AM-10:50 AMM		AUSTIN	6707
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**DMS 70C CLINICAL PRECEPTORSHIP III** 8.5 Units  
**Prerequisite:** DMS 70B.  
**32 hours laboratory. This is a 13 week course. (417.96 total hours per quarter.)**  
**Not Repeatable.**

Designed as a preceptorship in a medical setting to obtain the technical expertise with emphasis on mastery of knowledge, skills, and abilities required performing sonographic studies and procedures. The major emphasis is on intermediate-advanced level of knowledge and competency for abdominal, gynecology, obstetrics, and vascular sonography.

10041	DMS-070C-01	LAB	TBA TBA	TBA	6704
		LAB	TBA TBA	SANDOVAL	HOSP

DMS-070C-01: Schedule may vary by clinical assignment. Requirement of 416 hours per quarter.

**DMS 290 DIRECTED STUDY** .5 Units  
**Formerly:** DMS 190

**Advisory:** Pass/No Pass; enrollment is limited to six times within the DMS 290 group.

**1.5 hours laboratory. (18 total hours per quarter.)**

**May be taken six times for credit.**

For students who desire or require additional help in attaining comprehension and competency in learning skills.

10523	DMS-290-01	LEC	TBA TBA	AUSTIN	TBA
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**DMS 290Y DIRECTED STUDY** 2 Units  
**Formerly:** DMS 190Y

**Advisory:** Pass/No Pass; enrollment is limited to six times within the DMS 290 group.

**5.5 hours laboratory. (66 total hours per quarter.)**

**May be taken six times for credit.**

For students who desire or require additional help in attaining comprehension and competency in learning skills.

10695	DMS-290Y-01	LAB	TBA TBA	AUSTIN	TBA
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## ECONOMICS

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

For more information about the online economics degree, access [www.foothillglobalaccess.org/main/aa\\_econ.htm](http://www.foothillglobalaccess.org/main/aa_econ.htm)

**ECON 1A PRINCIPLES OF MACROECONOMICS** 5 Units

**Advisory:** MATH 105; eligibility for ENGL 1A or ESLL 26.

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

**Not Repeatable.**

Fundamental economic concepts; determination of national income and employment; income fluctuation; money and the banking system; government monetary and fiscal

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
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policies; current economic problems; economic development; international trade. ECON 1A or ECON 1B may be taken in either order.

10141	ECON-001A-01Y	LEC10:30 AM-12:20 PM MTWTh	MOGLEN	3307
		LEC	TBA TBA	MOGLEN

✓ 10278 ECON-001A-03W LEC TBA TBA PATYK ONLINE  
 ECON-001A-03W: Offered via Internet. After registering, you must refer to course descriptions at [www.foothill.edu/fga/](http://www.foothill.edu/fga/) for information on how to begin.

✓ 10279 ECON-001A-04W LEC TBA TBA PATYK ONLINE  
 ECON-001A-04W: Offered via Internet. After registering, you must refer to course descriptions at [www.foothill.edu/fga/](http://www.foothill.edu/fga/) for information on how to begin.

✓ 10284 ECON-001A-05W LEC TBA TBA VERISSIMO ONLINE  
 ECON-001A-05W: Offered via Internet. After registering, you must refer to course descriptions at [www.foothill.edu/fga/](http://www.foothill.edu/fga/) for information on how to begin.

✓ 10285 ECON-001A-06W LEC TBA TBA VERISSIMO ONLINE  
 ECON-001A-06W: Offered via Internet. After registering, you must refer to course descriptions at [www.foothill.edu/fga/](http://www.foothill.edu/fga/) for information on how to begin.

✓ 10286 ECON-001A-07W LEC TBA TBA SANDHU ONLINE  
 ECON-001A-07W: Offered via Internet. After registering, you must refer to course descriptions at [www.foothill.edu/fga/](http://www.foothill.edu/fga/) for information on how to begin.

✓ 10287 ECON-001A-08W LEC TBA TBA MOGLEN ONLINE

**ECON 1B PRINCIPLES OF MICROECONOMICS** 5 Units

**Advisory:** Eligibility for ENGL 1A or ESLL 26.

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

**Not Repeatable.**

Micro analysis of economic life. Allocation of resources. Consumer behavior. Pricing and output decisions. Distribution of wealth and income. Nature and characteristics of business enterprises. International trade. Comparative economic systems. ECON 1A and ECON 1B may be taken in either order.

✓ 10142	ECON-001B-01Y	LEC	TBA TBA	STAFF	ONLINE
		LEC08:30 AM-09:50 AM		MTWTh	STAFF

3307  
 ECON-001B-01Y: Hybrid class: one weekly TBA hour via online instruction.

✓ 10280 ECON-001B-02W LEC TBA TBA EVANS ONLINE  
 ECON-001B-02W: Offered via Internet. After registering, you must refer to course descriptions at [www.foothill.edu/fga/](http://www.foothill.edu/fga/) for information on how to begin.

✓ 10281 ECON-001B-03W LEC TBA TBA EVANS ONLINE  
 ECON-001B-03W: Offered via Internet. After registering, you must refer to course descriptions at [www.foothill.edu/fga/](http://www.foothill.edu/fga/) for information on how to begin.

✓ 10282 ECON-001B-04W LEC TBA TBA SOBALA ONLINE  
 ECON-001B-04W: Offered via Internet. After registering, you must refer to course descriptions at [www.foothill.edu/fga/](http://www.foothill.edu/fga/) for information on how to begin.

✓ 10283 ECON-001B-05W LEC TBA TBA SOBALA ONLINE

## EMERGENCY MEDICAL TECHNICIAN

Biological & Health Sciences (650) 949-6955

[www.foothill.edu/bio/programs/emt/](http://www.foothill.edu/bio/programs/emt/)

**EMT 303 EMERGENCY MEDICAL TECHNICIAN: BASIC CONTINUING EDUCATION** 1.5 Units

**Prerequisites:** Students must either possess a current EMT-1 certificate or a certification which 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.**

This is a 36 hour course which meets the education requirements as specified by the California Emergency Medical Services Authority, the Emergency Medical Authority of Santa Clara County and the National Registry of EMT (NREMT). It is intended for both pre-employed personnel and those persons currently employed by a fire department or

Continued on next page

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# SUMMER SESSIONS 2013 COURSES

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
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ambulance service within the County of Santa Clara. It will be a review and update the knowledge and skills required for basic certification.

◆ 10042 EMT -303.-01 LAB TBA TBA MARTINEZ MC C2

## EMT 304 EMERGENCY MEDICAL TECHNICIAN: BASIC PART A 3 Units

**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.**

This course is intended to instruct a student to the level of Emergency Medical Technician-1 who serves as a vital link in the chain of the health care team. It is recognized that the majority of prehospital emergency medical care will be provided by the EMT-1. This course includes all skills necessary for the individual to provide emergency medical care at a basic life support level with a fire department, or other specialized service. This course is the first of two courses required to be eligible to take the California written and practical exam for certification as an Emergency Medical Technician I.

◆ 10043 EMT -304.-01 L-L05:30 PM-08:45 PM MW WYATT MC C2

*EMT -304.-01: Class meets 7/2-9/22. HLTH 55 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 Heart Association CPR for the Health Care Professional card must be obtained).*

● 10989 EMT -304.-02 LAB11:00 AM-11:35 AM MTWThF HUSEMAN CCOC  
L-L08:30 AM-11:00 AM MTWThF MARTINEZ CCOC

## EMT 305 EMERGENCY MEDICAL TECHNICIAN: BASIC PART B 4 Units

**Prerequisite:** Successful completion of EMT 304 in the last six months.

**Advisory:** EMT 305 is part two of two courses required to be eligible to take the California State written and practical exam for certification as an Emergency Medical Technician-I. You can not take both courses simultaneously.

7 hours lecture-laboratory, 1.5 hours clinic. (102 total hours per quarter.)

**Not Repeatable.**

This course is the second of two courses required to be eligible to take the California State written and practical exam for certification as an Emergency Medical Technician - I. This course is intended to instruct a student to the level of Emergency Medical Technician-Basic who serves as a vital link in the chain of the health care team. This course includes all skills necessary for the individual to provide emergency medical care at a basic life support level with a fire department, ambulance, or other specialized service.

◆ 10171 EMT -305.-01 LAB08:50 PM-09:35 PMTTh HUSEMAN MC C2

◆ L-L05:30 PM-08:50 PM TTh WYATT MC C2

*EMT -305.-01: Class meets 7/2-9/22.*

## EMERGENCY MEDICAL TECHNICIAN - PARAMEDIC

Biological & Health Sciences (650) 949-6955 [www.foothill.edu/bio/programs/paramed/](http://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 63B PARAMEDIC HOSPITAL EMERGENCY DEPARTMENT ROTATIONS 2 Units

**Prerequisites:** EMTP 62A and 62B.

**Advisory:** Not open to students with credit in EMTP 102.

**Corequisite:** Completion of, or concurrent enrollment in EMTP 63A.

12 hours clinic. (144 total hours per quarter.)

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
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**Not Repeatable.**

Application of skills that demonstrate principles and concepts of anatomy, physiology, pathophysiology, clinical symptoms and diagnosis as they pertain to pre-hospital emergency medical care of the sick and injured. The student will rotate through specialty areas of the hospital departments: pediatrics, pediatric intensive care unit, labor and delivery, surgery (airway management), respiratory therapy, and other selected hospital areas.

● 10514 EMTP-063B-01 LAB TBA TBA PRIMROSE HOSP

## EMTP 64A PARAMEDIC AMBULANCE FIELD INTERNSHIP I 6 Units

**Prerequisites:** EMTP 63A and 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.

● 10191 EMTP-064A-01 LAB TBA MTWThFS PRIMROSE CLINIC

*EMTP-064A-01: Ambulance rotation schedules may vary by assignment. Students are required to complete 30 hrs/week, or 360 hrs for the course.*

## ENGLISH

Language Arts (650) 949-7250 [www.foothill.edu/la/](http://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 ESLL 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 ENGL 110 and ENGL 209.

**Advisory:** Not open to students with credit in ENGL 1AH; students may enroll in ENGL 1A or 1T, but not both, for credit.

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

**Not Repeatable.**

The techniques and practice of expository and argumentative writing based on critical reading and thinking about texts. Reading focused primarily on works of non-fiction prose, chosen to represent a broad spectrum of opinions and ideas, writing styles, and cultural experiences. Fulfills the Foothill College reading and composition requirement for the AA/AS degree and the university-transfer general education requirement in English reading and written composition.

10598 ENGL-001A-01 LEC01:00 PM-04:10 PM TWTh HARVEY 6505  
*ENGL001A-01: Will be offered 6/10-7/19/13.*

10599 ENGL-001A-02 LEC06:00 PM-09:10 PM TWTh HARVEY 6505  
*ENGL-001A-02: It will be offered 6/10-7/19/13.*

✓ 10600 ENGL-001A-03W TBA TBA TBA FONG ONLINE  
*ENGL-001A-03W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/tga/ for information on how to begin. It will be offered 6/10-7/19/13.*

✓ 10601 ENGL-001A-04W TBA TBA TBA FINNEGAN ONLINE  
*ENGL-001A-04W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/tga/ for information on how to begin. It will be offered 6/10-7/19/13.*

10611 ENGL-001A-21 LEC08:00 AM-10:20 AM MTWTh HANSEN 6301  
*ENGL-001A-21: It will be offered 7/1-8/10/13.*

10172 ENGL-001A-22 LEC10:30 AM-12:50 PM MTWTh HANSEN 6301  
*ENGL-001A-22: It will be offered 7/1-8/10/13.*

10245 ENGL-001A-23 LEC01:00 PM-04:15 PM TWTh HUERTA 6405  
*ENGL-001A-23: It will be offered 7/1-8/10/13.*

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# SUMMER SESSIONS 2013 COURSES

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
◆ 10612 ENGL-001A-24	LEC06:00 PM-09:10 PM TWTW	SORMAN	MC B3	
<i>ENGL-001A-24: It will be offered 7/1-8/10/13.</i>				
✓ 10529 ENGL-001A-25W	TBA TBA	FINNEGAN	ONLINE	
<b>ENGL 1B</b>	<b>COMPOSITION, CRITICAL READING &amp; THINKING</b>	<b>5 Units</b>		
<b>Prerequisite:</b> ENGL 1A or ENGL 1AH or ENGL 1T or ESLL 26.				
<b>Advisory:</b> Not open to students with credit in ENGL 1BH.				
<b>5 hours lecture. (60 total hours per quarter.)</b>				
<b>Not Repeatable.</b>				
Further development in the technique and practice of expository and argumentative writing, critical reading and thinking. Readings chosen to represent a broad spectrum of opinions and ideas, writing styles, and cultural experiences. Formal instruction in composition and critical thinking.				
10602 ENGL-001B-01	LEC01:00 PM-04:05 PM TWTW	JANAKOS	6708	
<i>ENGL-001B-01: will be offered 6/10-7/19/13.</i>				
10603 ENGL-001B-02	LEC06:00 PM-09:10 PM TWTW	BANACH	6301	
<i>ENGL-001B-02: It will be offered 6/10-7/19/13.</i>				
✓ 10604 ENGL-001B-03W	TBA TBA	SVETICH	ONLINE	
<i>ENGL-001B-03W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin. It will be offered 6/10-7/19/13.</i>				
✓ 10605 ENGL-001B-04W	TBA TBA	ROBBINS	ONLINE	
<i>ENGL-001B-04W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin. It will be offered 6/10-7/19/13.</i>				
10174 ENGL-001B-21	LEC08:00 AM-10:20 AM MTWTW	TREANOR	6303	
<i>ENGL-001B-21: It will be offered 7/1-8/10/13.</i>				
10246 ENGL-001B-22	LEC10:30 AM-12:50 PM MTWTW	LEWIS	6401	
<i>ENGL-001B-22: It will be offered 7/1-8/10/13.</i>				
10327 ENGL-001B-23	LEC01:00 PM-04:15 PM TWTW	FERNANDEZ	6401	
<i>ENGL-001B-23: It will be offered 7/1-8/10/13.</i>				
◆ 10613 ENGL-001B-24	LEC06:00 PM-09:10 PM TWTW	PELLETIER	MC D7	
<i>ENGL-001B-24: It will be offered 7/1-8/10/13.</i>				
✓ 10532 ENGL-001B-25W	TBA TBA	LEWIS	ONLINE	
<i>ENGL-001B-25W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin. It will be offered 7/1-8/10/13.</i>				

**ENGL 8 CHILDREN'S LITERATURE** **4 Units**

**Advisory:** Eligibility for ENGL 1A.

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

**Not Repeatable.**

A survey of children's literature from many periods and cultures, including classics, picture books, folktales, fairy tales, biography, poetry, fantasy and fiction. Emphasis on the ideas, didactic and sociological, reflecting relationships among cultures in America included in books usually read by children. Special emphasis on books that explore the cross-cultural influences of our shared oral tradition and folklore as well as the issues arising from a diverse mix of cultures in the U.S.

✓ 10328 ENGL-008-01W LEC TBA TBA SVETICH ONLINE

*ENGL-008-01W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin. It will be offered 6/10-7/19/13.*

**ENGL 50C TECHNICAL WRITING** **5 Units**

**Formerly:** ENGL 3

**Advisory:** Eligibility for ENGL 1A; not open to students with credit in ENGL 3.

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

**Not Repeatable.**

Preparation of written texts for proposals, presentations, reports, user manuals, handbooks, newsletters, grants and applications, memos, brochures, email, and Internet Web sites. Emphasis on clear, concise language and visual document design. Logical organization and awareness of audience, purpose and process. Effective integration of text, graphics, charts, photos and illustrations.

✓ 10606 ENGL-050C-01W TBA TBA FONG ONLINE

*ENGL-050C-01W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin. It will be offered 6/10-7/19/13.*

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
ENGL 110	INTRODUCTION TO COLLEGE WRITING	5 Units		
<b>Prerequisites:</b> Eligibility based on assessment or successful completion of ENGL 209.				
<b>Advisory:</b> Not open to students with credit in ENGL 108.				
<b>5 hours lecture. (60 total hours per quarter.)</b>				
<b>Not Repeatable.</b>				
Intended for students requiring explicit instruction and practice in writing expository essays, emphasizing clear sentence structure and logical development. Assignments include summary and synthesis of texts, critical analysis, as well as personal writing. Instruction includes rules of and practice on punctuation skills. Lecture, discussion, collaborative, and individualized instruction.				
10333 ENGL-110-.21	LEC10:30 AM-12:50 PM MTWTW	MCPHERSON	6303	
<i>ENGL-110-.21: It will be offered 7/1-8/10/13.</i>				

**ENGL 209 INTRODUCTION TO COLLEGE READING** **5 Units**

**Formerly:** ENGL 100

**Advisory:** Not open to students with credit in ENGL 100 or 108.

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

**Not Repeatable.**

Techniques of critical analysis for reading-college level prose, focusing primarily on expository/argumentative essays and textbook materials. Students learn to comprehend text holistically, identifying and expressing critical elements of comprehension. Practice and testing to be done on authentic text of one or more page length and with written responses. Lecture, discussion, group work, and individualized instruction.

10199 ENGL-209-.21 LEC10:30 AM-12:50 PM MTWTW HUERTA 6302

*ENGL-209-.21: It will be offered 7/1-8/10/13.*

## ENGINEERING

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

**ENGR 35 STATICS** **5 Units**

**Prerequisites:** MATH 1B and PHYS 4A.

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

**Not Repeatable.**

Principles of statics as applied to particles and rigid bodies in two and three dimensions under concentrated and distributed force systems. Equilibrium conditions in structures, machines, beams and cables. Determination of centroids and moments of inertia. Dry friction and methods of virtual work.

11018 ENGR-035-.01 LEC10:30 AM-12:50 PM MTWTW STAFF 4716

## 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 (ESLL) courses offered by the adult education departments of local high school districts. If you plan to enroll for the first time in an ESLL course, you are required to take an ESLL 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 ESLL courses, call (650) 949-7250.

**ESLL 25 COMPOSITION & READING** **5 Units**

**Formerly:** ESL 25

**Prerequisites:** Appropriate placement test score or a grade of "C" or better in ESLL 236 and 237; designed for students whose native language is not English.

**Advisory:** Completion of, or concurrent enrollment in ESLL 235 strongly recommended; concurrent enrollment in ESLL 246 and/or 247 strongly

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# SUMMER SESSIONS 2013 COURSES

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
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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.

10607 ESLL-025.-01	LEC06:00 PM-09:05 PM TWTh	WILEY	6503
<i>ESLL-025.-01: This will be offered 6/10-7/19/13.</i>			
10200 ESLL-025.-21	LEC08:00 AM-10:20 AM MTWTh	COPP	6401
<i>ESLL-025.-21: This will be offered 7/1-8/9/13.</i>			
10618 ESLL-025.-22	LEC10:30 AM-12:50 PM MTWTh	PRATT	6501
<i>ESLL-025.-22: This will be offered 7/1-8/9/13.</i>			

**ESLL 26 ADVANCED COMPOSITION & READING 5 Units**  
*Formerly: ESL 26*

**Prerequisites:** Appropriate placement test score or a grade of "C" or better in ESL 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.)  
Not Repeatable.

The techniques and practice of expository and argumentative writing based on critical reading and thinking. Reading focused on essays and articles, chosen to represent a broad spectrum of opinions and ideas, writing styles, and cultural experiences and perspectives. Research paper synthesizing information from a range of current sources to form a persuasive argument. Fulfills the composition requirement for the A.A. degree.

10608 ESLL-026.-01	LEC06:00 PM-09:10 PM TWTh	MCCORMICK	6307
<i>ESLL-026.-01: This will be offered 6/10-7/19/13.</i>			
10145 ESLL-026.-21	LEC08:00 AM-10:20 AM MTWTh	COLLATO	6405
<i>ESLL-026.-21: This will be offered 7/1-8/9/13.</i>			
10557 ESLL-026.-22	LEC10:30 AM-12:50 PM MTWTh	COLLATO	6409
<i>ESLL-026.-22: This will be offered 7/1-8/9/13.</i>			

**ESLL 228 DEVELOPING LANGUAGE SKILLS FOR INTERNATIONAL STUDENTS 10 Units**

*Formerly: ESL 158*

**Prerequisites:** TOEFL score of 475 to 499; restricted to international students whose native language is not English.

**Advisory:** Not open to students with credit in ESL 158.  
10 hours lecture. (120 total hours per quarter.)

Not Repeatable.

A high intermediate/low-advanced course in grammar, writing, reading, and speaking for international students who are about to enter a college academic program. Designed to improve students language skills.

10201 ESLL-228.-21	LEC09:00 AM-12:35 PM MTWTh	JARDALI	6305
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**ESLL 236 ADVANCED GRAMMAR 5 Units**  
*Formerly: ESL 166*

**Prerequisites:** Appropriate placement test score or ESLL 226 and 227.

**Advisory:** Concurrent enrollment in ESLL 237 recommended; designed for students whose native language is not English. Not open to students with credit in ESL 166.

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

Not Repeatable.

An advanced English course for non-native speakers focusing on comprehension, communication and grammatical accuracy. Emphasis on understanding and communication of abstract ideas as well as concrete new information in spoken and written contexts. Computer or workbook activities to reinforce knowledge of structures.

10134 ESLL-236.-21	LEC10:30 AM-12:50 PM MTWTh	WILEY	6306
<i>ESLL-236.-21: This will be offered 7/1-8/9/13.</i>			

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
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**ESLL 237 BASIC COMPOSITION SKILLS 5 Units**  
*Formerly: ESL 167*

**Prerequisite:** Appropriate placement test score or a grade of "C" or better in ESLL 226 and 227.

**Advisory:** Designed for students whose native language is not English; not open to students with credit in ESL 167.

**Corequisite:** Concurrent enrollment in or a grade of "C" or better or ESLL 236.  
5 hours lecture. (60 total hours per quarter.)

Not Repeatable.

A basic course for non-native speakers focusing on techniques of college writing, emphasizing clear prose. Lecture, discussion, and individualized instruction. Emphasis on the production of short compositions containing well-developed paragraphs and a variety of standard English sentences. Does not meet the graduation requirement in composition.

10135 ESLL-237.-21	LEC08:00 AM-10:20 AM MTWTh	DRAGAN	6302
<i>ESLL-237.-21: This will be offered 7/1-8/9/13.</i>			

## GEOGRAPHY

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

Two GIS certificates are available: Certificate of Achievement in Geographic Information Systems and Career Certificate for Geographic Information Systems Analyst. For information on the online degree program, visit [www.foothillglobalaccess.org/main/aa\\_geography\\_new.htm](http://www.foothillglobalaccess.org/main/aa_geography_new.htm). For general information, visit [www.foothill.edu/bss/](http://www.foothill.edu/bss/).

**GEOG 1 PHYSICAL GEOGRAPHY 5 Units**

**Advisory:** Eligibility for ENGL 1A or ESLL 26; 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.

✓ 10050 GEOG-001.-01W	LEC LAB	TBA TBA	CRAM CRAM	ONLINE ONLINE
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*GEOG-001.-01W: Offered via Internet. After registering, you must refer to course descriptions at [www.foothill.edu/tga/](http://www.foothill.edu/tga/) for information on how to begin.*

✓ 10051 GEOG-001.-02W	LEC LAB	TBA TBA	CRAM CRAM	ONLINE ONLINE
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*GEOG-001.-02W: Offered via Internet. After registering, you must refer to course descriptions at [www.foothill.edu/tga/](http://www.foothill.edu/tga/) for information on how to begin.*

✓ 10352 GEOG-001.-03W	LEC LAB	TBA TBA	SENGUPTA SENGUPTA	ONLINE ONLINE
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*GEOG-001.-03W: Offered via Internet. After registering, you must refer to course descriptions at [www.foothill.edu/tga/](http://www.foothill.edu/tga/) for information on how to begin.*

**GEOG 2 HUMAN GEOGRAPHY 4 Units**

**Advisory:** Eligibility for ENGL 1A or ESLL 26.

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.

✓ 10052 GEOG-002.-01W	LEC	TBA TBA	HANSELL	ONLINE
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*GEOG-002.-01W: Offered via Internet. After registering, you must refer to course descriptions at [www.foothill.edu/tga/](http://www.foothill.edu/tga/) for information on how to begin.*

**GEOG 5 INTRODUCTION TO ECONOMIC GEOGRAPHY 4 Units**

**Advisory:** Eligibility for ENGL 1A or ESLL 26.

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# SUMMER SESSIONS 2013 COURSES

Course Number CRN	Title Course ID	Units Time	Days	Instructor	Location
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Course Number CRN	Title Course ID	Units Time	Days	Instructor	Location
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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.

✓ 10353 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/tga/ for information on how to begin.

**GEOG 10 WORLD REGIONAL GEOGRAPHY 4 Units**  
Advisory: Eligibility for ENGL 1A or ESLL 26.  
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, importance and impact of the foremost features of countries, states, major cities, rivers and landform regions.

✓ 10354 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/tga/ for information on how to begin.

## GERONTOLOGY

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

**GERN 54 CONTINUUM OF CARE OPTIONS 3 Units**  
3 hours lecture. (36 total hours per quarter.)  
Not Repeatable.

An overview of the types of care options available to serve independent and dependent elders; including senior centers, adult day care programs, assisted living and nursing homes. Regulations and management issues will be explored. Role of ombudsmen and advocacy organizations are discussed.

10490 GERN-054.-01 LEC06:00 PM-08:50 PMWTh DELANGE 3401

## GRAPHICS & INTERACTIVE DESIGN

Fine Arts & Communication (650) 949-7262 www.foothill.edu/graphicdesign/

GID (Graphics and Interactive Design): Formerly GRDS (Graphic Design)

Classes meet six weeks unless otherwise indicated.

**GID 33 GRAPHIC DESIGN STUDIO I 4 Units**  
Formerly: GID 50  
Advisory: Not open to students with credit in GID 50 or GRDS 53.  
3 hours lecture, 3 hours laboratory. (72 total hours per quarter.)  
Not Repeatable.

Introduction to graphic design and visual communication. Projects include composition, typography, image editing and logo design. Design principles are explored through creative projects. Students practice fundamental software skills using Adobe Photoshop, Illustrator, and InDesign to complete the graphic design activities in this course.

✓ 10731 GID -033.-01W LEC TBA TBA RAGEY ONLINE  
LAB TBA TBA RAGEY ONLINE

## HISTORY

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

For more information about the online history degree access www.foothillglobalaccess.org/main/aa\_history.htm

**HIST 4A HISTORY OF WESTERN CIVILIZATION TO 800 AD 4 Units**

Advisory: Eligibility for ENGL 1A or ESLL 26.  
4 hours lecture. (48 total hours per quarter.)  
Not Repeatable.

Survey of the development of Western culture and civilization in the ancient world. From the Neolithic period to the early Middle Ages.

✓ 10303 HIST-004A-01W LEC TBA TBA PRATER ONLINE  
HIST-004A-01W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/tga/ for information on how to begin.

✓ 10304 HIST-004A-02W LEC TBA TBA FEIG ONLINE  
HIST-004A-02W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/tga/ for information on how to begin.

**HIST 4B HISTORY OF WESTERN CIVILIZATION: 700-1800 4 Units**

Advisory: Eligibility for ENGL 1A or ESLL 26.  
4 hours lecture. (48 total hours per quarter.)  
Not Repeatable.

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.

✓ 10301 HIST-004B-01W LEC TBA TBA DAVISON ONLINE  
HIST-004B-01W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/tga/ for information on how to begin.

**HIST 4C HISTORY OF WESTERN CIVILIZATION 1789-PRESENT 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.)  
Not Repeatable.

Survey of the development of Western society and culture during the nineteenth and twentieth centuries. Emphasis upon the social, intellectual, and institutional changes that have led to the contemporary Western world and its interchange with the peoples and institutions of the world's continents.

✓ 10305 HIST-004C-01W LEC TBA TBA STANDISH ONLINE  
HIST-004C-01W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/tga/ for information on how to begin.

10848 HIST-004C-02 LEC10:30 AM-12:20 PM TWTWTh BUYCO 3301

**HIST 10 HISTORY OF CALIFORNIA: THE MULTICULTURAL STATE 4 Units**

Advisory: Eligibility for ENGL 1A or ESLL 26.  
4 hours lecture. (48 total hours per quarter.)  
Not Repeatable.

Economic, social, intellectual and political development of multicultural California. Survey of Indian, Spanish and Mexican periods. Analysis of role and issues of ethnic/racial minorities during six major historical periods: gold rush, railroad era, Great Depression, World War II, turbulent '60s and present era.

✓ 10053 HIST-010.-01W LEC TBA TBA DE LUNA ONLINE  
HIST-010.-01W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/tga/ for information on how to begin.

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# SUMMER SESSIONS 2013 COURSES

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Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
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**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.)**

**Not Repeatable.**

American civilization through 1816. Survey of United States history. Political, economic and social development.

✓ 10054 HIST-017A-01W LEC TBA TBA BUSH ONLINE

HIST-017A-01W: Offered via Internet. After registering, you must refer to course descriptions at [www.foothill.edu/fga/](http://www.foothill.edu/fga/) for information on how to begin.

✓ 10850 HIST-017A-03W LEC TBA TBA JOHNSTON ONLINE

HIST-017A-03W: Offered via Internet. After registering, you must refer to course descriptions at [www.foothill.edu/fga/](http://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.)**

**Not Repeatable.**

American civilization from 1812 to 1914. Survey of United States history and its political, economic and social development.

✓ 10306 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/](http://www.foothill.edu/fga/) for information on how to begin.

✓ 10235 HIST-017B-02W LEC TBA TBA BUSH ONLINE

HIST-017B-02W: Offered via Internet. After registering, you must refer to course descriptions at [www.foothill.edu/fga/](http://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.

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

**Not Repeatable.**

American civilization from 1900 to the present. Survey of United States history and its political, economic and social development.

10055 HIST-017C-01 LEC10:30 AM-12:20 PM MTWTh MARDER 3403

✓ 10302 HIST-017C-02W LEC TBA TBA JOHNSTON ONLINE

HIST-017C-02W: Offered via Internet. After registering, you must refer to course descriptions at [www.foothill.edu/fga/](http://www.foothill.edu/fga/) for information on how to begin.

✓ 10307 HIST-017C-03W LEC TBA TBA PIERCE ONLINE

HIST-017C-03W: Offered via Internet. After registering, you must refer to course descriptions at [www.foothill.edu/fga/](http://www.foothill.edu/fga/) for information on how to begin.

✓ 10539 HIST-017C-04W LEC TBA TBA PRATER ONLINE

HIST-017C-04W: Offered via Internet. After registering, you must refer to course descriptions at [www.foothill.edu/fga/](http://www.foothill.edu/fga/) for information on how to begin.

✓ 10849 HIST-017C-05W LEC TBA TBA PIERCE ONLINE

HIST-017C-05W: Offered via Internet. After registering, you must refer to course descriptions at [www.foothill.edu/fga/](http://www.foothill.edu/fga/) for information on how to begin.

## HEALTH

Biological & Health Sciences (650) 949-7249 [www.foothill.edu/bio/programs/](http://www.foothill.edu/bio/programs/)

**HLTH 21 CONTEMPORARY HEALTH CONCERNS 4 Units**

**Advisory:** ENGL 1A or ESLL 25.

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

**Not Repeatable.**

Development of understanding and attitudes relative to personal, family, and community health needs. Emphasis placed upon epidemiology of disease, nutritional behavior, communicable and non-communicable diseases, disease prevention, mental health and

substance abuse. Attention also given to the role of physical activity and the ecological conditions of health significance. Study of common lifestyle behaviors will emphasize self-help and preventable aspects of medical care. Intended for students in health career programs as well as those who wish to identify and evaluate contemporary personal health practices in order to establish a plan for change.

✓ 10252 HLTH-021-01W LEC TBA TBA TREANOR ONLINE

HLTH-021-01W: EARLY SUMMER session meets 6/10-7/20/13. Offered via Internet. After registering, you must refer to course descriptions at [www.foothill.edu/fga/](http://www.foothill.edu/fga/) for textbook and class information on how to begin.

✓ 10253 HLTH-021-02W LEC TBA TBA TREANOR ONLINE

HLTH-021-02W: EARLY SUMMER session meets 6/10-7/20/13. Offered via Internet. After registering, you must refer to course descriptions at [www.foothill.edu/fga/](http://www.foothill.edu/fga/) for textbook and class information on how to begin.

10667 HLTH-021-03 LEC09:00 AM-11:15 AM MTWTh HOROWITZ 8403

HLTH-021-03: Meets 7/1-8/2/13. Five weeks.

✓ 10668 HLTH-021-04W LEC TBA TBA TREANOR ONLINE

**HLTH 55 EMERGENCY MEDICAL RESPONSE 5 Units**

**Formerly: HLTH 5**

**Advisory:** Not open to students with credit in HLTH 5.

**4 hours lecture, 3 hours laboratory. (84 total hours per quarter.)**

**Not Repeatable.**

Provides the student with the knowledge and skills necessary to work as an emergency medical responder (EMR) to help sustain life, reduce pain and minimize the consequences of injury or sudden illness until more advanced medical help takes over. The course meets or exceeds the 2008 Emergency Medical Services Educational Standards for Emergency Medical Response and meets Guidelines 2010 for First Aid and 2010 Consensus on Science for Cardiopulmonary Resuscitation and Emergency Cardiovascular Care.

◆ 10140 HLTH-055-01 LEC05:30 PM-07:55 PM TWTh HAYES MC B4

◆ LAB08:00 PM-09:50 PM TWTh HAYES MC B4

HLTH-055-01: American Red Cross Certificates fee of \$35.00 to be paid during the second week of the course.

## ENVIRONMENTAL HORTICULTURE & DESIGN

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

An extension of classroom instruction offering students the opportunity through a combination of practical field experience, independent research, student internship, and industry related educational opportunities to explore problems and required skills in the green industry. Introduction to the extensive number of career options available.

● 10215 HORT-080-02 LAB TBA TBA SVENSON HDNVLA

HORT-080-02: Restricted to Hidden Villa student-interns. Non-HV students will be dropped.

**HORT 90D HERBS: IDENTIFICATION, USE & FOLKLORE 1 Unit**

**.75 hour lecture, .5 hour laboratory. (15 total hours per quarter.)**

**Not Repeatable.**

An introductory look at the use and folklore of herbs grown for specific cultural purposes. Herbs noted for their culinary, aromatic, or medicinal properties. This course is an elective for Horticulture certificates and degrees, and is intended for students in the horticulture program but members of the public and professional community are invited to enroll.

10723 HORT-090D-01 LAB07:15 PM-08:30 PM NICCOLI 8609

LEC05:00 PM-07:05 PM NICCOLI 8609

HORT-090D-01: Class meets four Mondays starting 7/1.

Continued on next page

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◆ = Middlefield Campus class

✓ = Online or Hybrid class

● = Off-Campus class

Evening classes are shaded.

# SUMMER SESSIONS 2013 COURSES

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
<b>HORT 901</b>	<b>LANDSCAPE SUSTAINABILITY PRACTICES</b>	<b>1 Unit</b>		
.75 hours lecture, .5 hours laboratory. (15 total hours per quarter.) <b>Not Repeatable.</b> Principles and practices utilized in the design, implementation, and maintenance of sustainable landscapes and gardens. Reviews ecological principles of sustainability for efficient energy use in the environment. This course is intended for students in the horticulture program but members of the public and professional community are invited to enroll.				
10724 HORT-0901-01	LEC12:30 PM-02:35 PM M LAB02:45 PM-04:00 PM M		NICCOLI NICCOLI	8609 8609
<i>HORT090101: Course meets four Mondays starting 7/1.</i>				

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
<b>JAPN 3</b>	<b>ELEMENTARY JAPANESE III</b>	<b>5 Units</b>		
Prerequisite: JAPN 2 or two years of high school Japanese. 5 hours lecture. (60 total hours per quarter.) <b>Not Repeatable.</b> Further development of material presented in JAPN 1 and 2. Oral and written practice in competencies in language functions: vocabulary essential to daily communicative situations, grammar necessary for carrying out various functions, signals for carrying out communicative tasks, and cultural skills in specific situations. Distinguishing formal and informal styles, and using honorifics. Making suppositions. Additional 120 Kanji pronunciation and recognition.				
10337 JAPN-003.-21	LEC06:00 PM-09:30 PM MW		RAKOW	MC D6
<i>JAPN-003.-21: This will be offered 7/1-8/22/13.</i>				

## HUMANITIES

Language Arts (650) 949-7556 [www.foothill.edu/la/](http://www.foothill.edu/la/)

<b>HUMN 1A</b>	<b>HUMANITIES &amp; THE MODERN EXPERIENCE I</b>	<b>4 Units</b>		
4 hours lecture. (48 total hours per quarter.) <b>Not Repeatable.</b> An interdisciplinary survey of some of the cultural aspects of major civilizations from the Mesopotamians to the Italian Renaissance, and their influence on modern experiences. Illustrations of the cultural diversity which makes up modern life. Attendance at instructor approved lectures, performing arts events, and/or cultural exhibitions.				
✓ 10609 HUMN-001A-01W	TBA TBA CAMMIN	ONLINE		
<i>HUMN-001A-01W: Offered via Internet. After registering, you must refer to course descriptions at <a href="http://www.foothill.edu/fga/">www.foothill.edu/fga/</a> for information on how to begin. It will be offered 6/10-7/19/13.</i>				

<b>HUMN 1B</b>	<b>HUMANITIES &amp; THE MODERN EXPERIENCE II</b>	<b>4 Units</b>		
Advisory: ENGL 1A or ESLL 26 strongly recommended. 4 hours lecture. (48 total hours per quarter.) <b>Not Repeatable.</b> An interdisciplinary survey of the some of the cultural aspects of major civilizations from the Italian Renaissance to the present day, and their influence upon modern experiences. Illustrations of the cultural diversity which makes up modern life. Attendance at instructor approved lectures, performing arts events, and/or cultural exhibitions.				
✓ 10329 HUMN-001B-01W	LEC TBA TBA CAMMIN	ONLINE		
<i>humn-001B-01W: Offered via Internet. After registering, you must refer to course descriptions at <a href="http://www.foothill.edu/fga/">www.foothill.edu/fga/</a> for information on how to begin. It will be offered 6/10-7/19/13.</i>				
10335 HUMN-001B-21	LEC10:30 AM-12:20 PM MTWTh		STAFF	1501
<i>HUMN-001B-21: This will be offered 7/1-8/9/13.</i>				

## JAPANESE

Language Arts (650) 949-7043 [www.foothill.edu/la/](http://www.foothill.edu/la/)

<b>JAPN 1</b>	<b>ELEMENTARY JAPANESE I</b>	<b>5 Units</b>		
5 hours lecture. (60 total hours per quarter.) <b>Not Repeatable.</b> Oral and written practice in the minimum competencies in language functions: vocabulary essential to basic communicative situations, grammar necessary for carrying out functions, signals for carrying out communicative tasks, and cultural skills in specific situations. Introduction to Hiragana, Katakana and about 80 Kanji.				
10338 JAPN-001.-21	LEC06:00 PM-09:25 PM TTh		RAKOW	MC D6

## KINESIOLOGY

Kinesiology & Athletics 650-949-7742

<b>KINS 1</b>	<b>INTRODUCTION TO KINESIOLOGY</b>	<b>4 Units</b>		
<i>Formerly: PHED 1</i> Advisory: Not open to students with credit in PHED 1. 4 hours lecture. (48 total hours per quarter.) <b>Not Repeatable.</b> Introduction to the interdisciplinary approach to the study of human movement. An overview of the importance of the sub-disciplines in kinesiology will be discussed along with career opportunities in the areas of teaching, coaching, allied health, and fitness professions.				
✓ 10712 KINS-001.-01W	LEC TBA TBA RIPP	ONLINE		

<b>KINS 2</b>	<b>SPORT IN SOCIETY</b>	<b>4 Units</b>		
<i>Formerly: PHED 2</i> Advisory: Not open to students with credit in H P 1B or PHED 2. 4 hours lecture. (48 total hours per quarter.) <b>Not Repeatable.</b> This course looks at current and past sports related cultural and historical issues and practices to study the role of sport in society.				
✓ 10711 KINS-002.-01W	LEC TBA TBA ROSENBERG	ONLINE		

<b>KINS 4</b>	<b>CONCEPTS OF PHYSICAL FITNESS &amp; WELLNESS</b>	<b>4 Units</b>		
<i>Formerly: PHED 4</i> Advisory: Not open to students with credit in PHED 4. 4 hours lecture. (48 total hours per quarter.) <b>Not Repeatable.</b> Study of physical fitness, training principles, nutrition and body composition, stress management, appropriate exercise and health practices with application to lifelong fitness and wellness habits.				
✓ 10708 KINS-004.-01W	LEC TBA TBA LANG	ONLINE		
✓ 10710 KINS-004.-02W	LEC TBA TBA LANG	ONLINE		

<b>KINS 8A</b>	<b>THEORY &amp; CONCEPTS OF EXERCISE PHYSIOLOGY I</b>	<b>4 Units</b>		
<i>Formerly: PHED 8</i> Advisory: Not open to students with credit in PHED 8. 4 hours lecture. (48 total hours per quarter.) <b>Not Repeatable.</b> Basic concepts and principles of exercise physiology and how the human body responds				

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# SUMMER SESSIONS 2013 COURSES

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
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to the demands of physical activity. Emphasis on anatomy and physiology of human organ systems, neural and hormonal control, energy expenditure, fatigue, and principles of exercise training.

✓ 10728	KINS-008A-01W	LEC	TBA TBA	SHEWELT	ONLINE
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## KINS 9 BASIC NUTRITION FOR SPORTS & FITNESS 4 Units

Formerly: PHED 9

Advisory: Not open to students with credit in PHED 9.

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.

✓ 10714	KINS-009-.01W	LEC	TBA TBA	CONSTANT	ONLINE
✓ 10716	KINS-009-.02W	LEC	TBA TBA	HICKEY	ONLINE

## KINS 55 INTRODUCTION TO AQUATIC EXERCISE 4 Units

Formerly: SPED 73

Advisory: Not open to students with credit in SPED 73.

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

Not Repeatable.

Provides the adaptive fitness specialist with the knowledge and practical skill to teach an adaptive fitness water exercise class to all segments of the population. Applied exercise anatomy, applied water exercise physiology, water exercise physics, aquatic exercise choreography, programming for water exercise, health risk appraisal, water safety concerns, special populations, exercise motivation and shallow and deep water design. Prepares the student to take the Aquatics Exercise Association Exam.

10704	KINS-055-.01	LEC05:00 PM-10:50 PM M		KNOPF	3308
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## KINS 62A CLINICAL EXPERIENCES IN SPORTS MEDICINE I 3 Units

Formerly: H P 52A, PHED 62A

Advisory: Not open to students with credit in H P 52A or PHED 62A.

9 hours laboratory. (108 total hours per quarter.)

Not Repeatable.

Hands-on experience in athletic emergency care, athletic injury prevention, therapeutic treatment, and rehabilitation of athletic injuries in the on-campus Athletic Treatment Center. Observation of orthopedic surgical procedures with the permission of the team physician is available.

10877	KINS-062A-01	LAB	TBA TBA	VOYCE	2834
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## KINS 62B CLINICAL EXPERIENCES IN SPORTS MEDICINE II 3 Units

Formerly: H P 52A, PHED 62B

Prerequisites: KINS 62A.

Advisory: Not open to students with credit in H P 52A or PHED 62B.

9 hours laboratory. (108 total hours per quarter.)

Not Repeatable.

Hands-on experience in athletic emergency care, athletic injury prevention, therapeutic treatment, and rehabilitation of athletic injuries in the on-campus Athletic Treatment Center. Observation of orthopedic surgical procedures with the permission of the team physician is available.

10880	KINS-062B-01	LAB	TBA TBA	VOYCE	2834
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## KINS 62C CLINICAL EXPERIENCES IN SPORTS MEDICINE III 3 Units

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
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Formerly: H P 52B, PHED 62C

Prerequisites: KINS 62B.

Advisory: Not open to students with credit in H P 52B or PHED 62C.

9 hours laboratory. (108 total hours per quarter.)

Not Repeatable.

Hands-on experience in emergency care, injury prevention, treatment and rehabilitation of athletic injuries in the on-campus Athletic Treatment Center. Off-campus athletic training facilities and outpatient physical therapy clinics may also be utilized for the internship. Observation of orthopedic surgical procedures with the permission of the team physician is available.

10881	KINS-062C-01	LAB	TBA TBA	VOYCE	2834
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## KINS 62D CLINICAL EXPERIENCES IN SPORTS MEDICINE IV 3 Units

Formerly: PHED 62D

Prerequisites: KINS 62C.

Advisory: Not open to students with credit in PHED 62D.

9 hours laboratory. (108 total hours per quarter.)

Not Repeatable.

Hands-on experience in emergency care, injury prevention, treatment and rehabilitation of athletic injuries in the on-campus Athletic Treatment Center. Off-campus athletic training facilities and outpatient physical therapy clinics may be utilized for the internship. Observation of orthopedic surgical procedures with the permission of the team physician is available.

10882	KINS-062D-01	LAB	TBA TBA	VOYCE	2834
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## KINS 62E CLINICAL EXPERIENCES IN SPORTS MEDICINE V 3 Units

Formerly: PHED 62E

Prerequisites: KINS 62D.

Advisory: Not open to students with credit in PHED 62E.

9 hours laboratory. (108 total hours per quarter.)

Not Repeatable.

Advanced experience in athletic emergency care, athletic injury prevention, therapeutic treatment, and rehabilitation of athletic injuries. Observation of orthopedic surgeries, assisting in physical therapy clinics or other related allied health settings compliment the on-campus Athletic Treatment Center.

10883	KINS-062E-01	LAB	TBA TBA	VOYCE	2834
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## KINS 81 INTRODUCTION TO ADAPTIVE FITNESS TECHNIQUES 4 Units

Formerly: SPED 50

Advisory: Not open to students with credit in SPED 50.

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

Not Repeatable.

This course will give fitness professionals the knowledge and skills necessary to work with the disabled and/or older adult client in an adaptive fitness setting. Provides requisite information about the field of adaptive fitness. Understanding the impact disability has on psycho-social and physical aspects of life. Addresses empathy, fundamentals of fitness therapy, muscles and movement, contraindicated exercises, programming for gait training, balance, and fitness as well as transfer techniques.

10706	KINS-081-.01	LEC05:00 PM-10:50 PM W		KNOPF	3308
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## LEARNING IN NEW MEDIA CLASSROOMS

Fine Arts & Communication (650) 949-7498 [www.foothill.edu/kci/linc/](http://www.foothill.edu/kci/linc/)  
For complete course descriptions, access [www.foothill.edu/KCI/linc/](http://www.foothill.edu/KCI/linc/)

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# SUMMER SESSIONS 2013 COURSES

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
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Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
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**LINC 50 TECHNOLOGY IN THE K-12 CLASSROOM I 1 Unit**

*Formerly: LINC 255*

**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 255; students may enroll in LINC 50 or 50B, but not both, for credit.

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

**Not Repeatable.**

Designed for educators, this hands-on overview course addresses the effective integration of technologies for teaching and learning within any standards based curriculum. Students explore the cycle of technology learning; review the issues of technology in schools; discuss the role of technology savvy teachers; analyze online resources, tools, and applications; use online collaboration tools for class communication; evaluate audio-visual and multimedia hardware for classrooms; investigate mobile devices and software; and explore interactive whiteboards. Emphasis is given to creating student-centered projects or activities using appropriate educational technologies.

10792	LINC-050-.01	LEC09:00 AM-03:00 PMMT	MCGRIFF	4006
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*LINC-050-.01: FAME Program. Meets July 8 & 11, 2011 in Hearthsides Room.*

**LINC 50F INTEGRATING TECHNOLOGY INTO A STANDARDS-BASED CURRICULUM I 2 Units**

*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 effective student-centered projects or activities using appropriate educational technologies.

10795	LINC-050F-01	LEC09:00 AM-03:00 PMMTWTh	MCGRIFF	4006
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*FAME Program only.*

✓ 10796	LINC-050F-01W	LEC	TBA TBA	ULLAH	TBA
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**LINC 53B INTEGRATING TECHNOLOGY INTO MATHEMATICS GRADES 6-8 .5 Units**

*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 text books, ISTE Technology Standards, California Technology Standards, and the emerging Common Core Standards.

10793	LINC-053B-01	LEC09:00 AM-03:00 PMW	MCGRIFF	4006
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*FAME Program only*

**LINC 62A MICROSOFT WORD II .5 Units**

*Formerly: LINC 270S*

**Advisory:** Familiarity with PC or Mac; enrollment is limited to six times within the LINC 62 group.

.5 hours lecture. (6 total hours per quarter.)

**Not Repeatable.**

This course is an introduction to educational technology in the classroom. Provides Hands-on experience including formatting, editing, saving, and printing letters, memos, and other short documents, inserting text boxes and graphics, composing tables, headers and footers, and editing and merging documents.

10810	LINC-062A-01	LEC06:00 PM-09:00 PMMT	HEUMANN	4006
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**LINC 64 SLIDE PRESENTATION DESIGN 1 Unit**

*Formerly: LINC 246*

**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 246. 1 hour lecture. (12 total hours per quarter.)

**Not Repeatable.**

This is a short course for students, educators, and community members who want to develop the knowledge and skills to create effective and visually appealing slide presentations. This hands-on course uses software like, Keynote, PowerPoint, Prezi, or Google Presentations, however, primary emphasis is placed on applying visual literacy concepts. Additional topics include typography, inserting audio, applying animation/transition effects, and applying good presentation design.

10784	LINC-064-.01	LEC06:00 PM-09:00 PMMTWTh	DAVIS	4006
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**LINC 66B INTRODUCTION TO THE INTERNET II .5 Units**

*Formerly: LINC 206T*

**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 66A; not open to students with credit in LINC 206T; students may enroll in LINC 66 or 66B, but not both, for credit.

.5 hour lecture. (6 total hours per quarter.)

**Not Repeatable.**

This course continues the topics of LINC 66A and focuses on teaching and learning using the technologies and tools of the Internet. Content of the course explores online systems that enhance education, personal/social, and business goals. Participants will learn how to use the internet effectively, safely, appropriately, and constructively for their own learning as well as to teach and to help students to learn.

10782	LINC-066B-01	LEC06:00 PM-09:00 PMMT	HEUMANN	4006
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*LINC-066B-01: Meets 7/23 at KCI.*

**LINC 70A WEB PAGE DESIGN I .5 Units**

*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 for 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.

10783	LINC-070A-01	LEC06:00 PM-09:00 PMWTh	HEUMANN	4006
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*WIX and other online tools*

**LINC 73 ADOBE PHOTOSHOP OVERVIEW 1 Unit**

*Formerly: LINC 230*

**Advisory:** Basic computer skills and knowledge of Macintosh or Windows operating systems; familiarity using Web browsers, email, bookmarking, searching, and downloading; students may enroll in LINC 73 or 73B, but not both, for credit.

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

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# SUMMER SESSIONS 2013 COURSES

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**Not Repeatable.**

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, paint with the paint tools, create layouts with text, apply filters and special effects, automate your work-flow.

✓ 10799	LINC-073-.01W	LEC	TBA TBA	DAVIS	TBA
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**LINC 73A ADOBE PHOTOSHOP I .5 Units**

*Formerly: LINC 230S*

**Advisory: Basic computer skills and knowledge of Macintosh or Windows operating systems; familiarity using Web browsers, email, bookmarking, searching, and downloading.**

**.5 hours lecture. (6 total hours per quarter.)**

**Not Repeatable.**

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.

10785	LINC-073A-01	LEC06:00 PM-09:00	PMMT	DAVIS	4006
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*Photoshop Tips & Tricks*

**LINC 73H ADOBE ILLUSTRATOR OVERVIEW 1 Unit**

*Formerly: LINC 233*

**Basic computer skills and knowledge of Macintosh or Windows operating systems; familiarity using Web browsers, email, bookmarking, searching, and downloading; students may enroll in LINC 73H or 73J, but not both, for credit.**

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

**Not Repeatable.**

Adobe Illustrator creates drawings, illustrations, and images for print or Web. Use vector graphics; draw objects, stroke outlines and pattern fills; work with brushes, gradients, color blends; design type; and develop graphs.

10802	LINC-073H-01	LEC	TBA TBA	DAVIS	TBA
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**LINC 73I ADOBE ILLUSTRATOR I .5 Units**

*Formerly: LINC 233S*

**Advisory: Familiarity with PC or Mac; Enrollment is limited to six times within the LINC 73H, 73I & 73J group.**

**.5 hours 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.

10787	LINC-073I-01	LEC06:00 PM-09:00	PMMT	DAVIS	TBA
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**LINC 80B MULTIMEDIA IN THE CLASSROOM II .5 Units**

*Formerly: LINC 252S*

**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 252S.**

**.5 hour lecture. (6 total hours per quarter.)**

**Not Repeatable.**

This course, which explores pedagogy and online multimedia tools, is for educators who want to use multimedia production for student-centered learning. It features hands-on experience with internet multimedia authoring tools, such as Prezi, Animoto, to design and produce a student-centered project.

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
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10788	LINC-080B-01	LEC09:00 AM-03:00	PMW	MCGRIFF	4006
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*MERIT Program only*

**LINC 83F INTRODUCTION TO DIGITAL VIDEO EDITING 1 Unit**

*Formerly: LINC 244*

**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 244. 1 hour lecture. (12 total hours per quarter.)**

**Not Repeatable.**

This introductory course covers the skills to create short, digital movies for the Web or computer playback using low-cost or free software. Course topics including finding existing video, creating video slideshows, making titles, adding voiceover or music, and creating animation effects. Class projects are designed for use in education, business, and personal applications.

10789	LINC-083F-01	LEC09:00 AM-03:00	PMTThF	MCGRIFF	4006
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*MERIT Program only*

**LINC 85C ADOBE FLASH OVERVIEW 1 Unit**

*Formerly: LINC 287*

**Advisory: Proficiency in a computer operating system (Mac or Windows), software conventions, and internet technologies. Familiarity with Fireworks or similar photo editing software and with Dreamweaver or similar Web page authoring software; students may enroll in LINC 85B or LINC 85C, but not both, for credit.**

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

**Not Repeatable.**

In this extended Adobe Flash course, create dynamic content and animations for Web, multimedia, and presentations; develop interactive animations of illustrations, photos, and type using drawing tools, animation basics, and button scripting.

✓ 10801	LINC-085C-01W	LEC	TBA TBA	DAVIS	TBA
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**LINC 90C ONLINE COLLABORATION TOOLS 2 Units**

*Formerly: LINC 214*

**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 214. 2 hours lecture. (24 total hours per quarter.)**

**Not Repeatable.**

This course features online collaboration tools for educational, business, or personal use. This course will explore different collaborative technologies and shared documents using the Internet with emphasis on how these tools can be integrated with curriculum and student projects; on more effective communication and collaboration for all participants; and on how these tools can be used for planning and evaluating projects.

10790	LINC-090C-01	LEC09:00 AM-03:00	PMMTWTTh	MCGRIFF	4006
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*Merit Program Only.*

**LINC 96B HANDHELD DIGITAL MEDIA DEVICES I .5 Units**

*Formerly: LINC 292A*

**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 292A.**

**.5 hour lecture. (6 total hours per quarter.)**

**Not Repeatable.**

This introductory course is for educators at all levels or trainers who are interested in exploring how hand-held devices can be applied in an education or training setting. The course provides hands on experience with hand-held devices such as smartphones, tablet computers, ipods, etc. Participants will learn how to operate the hand-held, explore available software for the device, and learn how to use it for educational, training or other projects.

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# SUMMER SESSIONS 2013 COURSES

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
10786 LINC-096B-01	LEC06:00 PM-09:00 PMWTh	BRITT	4006	
10791 LINC-096B-02	LEC09:00 AM-03:00 PMF	MCGRIF	4006	

*MERIT Program only*

## LINC 98A TEACHING & LEARNING IN THE DIGITAL AGE I .5 Units

*Formerly: LINC 228S*

**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 228S.  
**5 hour lecture.** (6 total hours per quarter.)  
**Not Repeatable.**

This course is an introduction to integrating educational technology in the classroom for educators, trainers, and instructional designers who want to use technology to effectively deliver curriculum content, engage in professional development, and efficiently manage the classroom or training environment (i.e. online grading, storage, communication with parents, etc.). Participants will examine and set up appropriate technology tools.

10794 LINC-098A-01	LEC09:00 AM-03:00 PMTh	MCGRIF	4006	
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*FAME Program only.*

## MATHEMATICS

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

MATH 1A, 10, 11, 44, 49, 51, 105, 220, 224, 230, 230J, 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 48C.

**Advisory:** Eligibility for ENGL 1A or ESLL 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.

10183 MATH-001A-02	LEC08:00 AM-10:20 AMMTWTh	STAFF	4601	
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*MATH-001A-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.*

10777 MATH-001A-10	LEC10:30 AM-12:50 PM TWTh	STAFF	4601	
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### MATH 1B CALCULUS 5 Units

**Prerequisite:** MATH 1A.

**Advisory:** Eligibility for ENGL 1A or ESLL 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.

10058 MATH-001B-01	LEC10:30 AM-12:50 PM TWTh	STAFF	4502	
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*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.*

### MATH 1C CALCULUS 5 Units

**Prerequisite:** MATH 1B.  
**Advisory:** Eligibility for ENGL 1A or ESLL 26.

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
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**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.

10059 MATH-001C-01	LEC10:30 AM-12:50 PM MTWTh	STAFF	4301	
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*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.*

### MATH 1D CALCULUS 5 Units

**Prerequisite:** MATH 1C.  
**Advisory:** Eligibility for ENGL 1A or ESLL 26.  
**5 hours lecture.** (60 total hours per quarter.)  
**Not Repeatable.**

Introduction to integration of functions of more than one variable, including double, triple, flux and line integrals. Additional topics include polar, cylindrical and spherical coordinates, parameterization, vector fields, path-independence, divergence and curl.

10060 MATH-001D-01	LEC10:30 AM-12:45 PM TWTh	STAFF	3525	
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*MATH-001D-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.*

### MATH 2A DIFFERENTIAL EQUATIONS 5 Units

**Prerequisite:** MATH 1C.  
**Advisory:** Eligibility for ENGL 1A or ESLL 26; not open to students with credit in MATH 12A.  
**5 hours lecture.** (60 total hours per quarter.)  
**Not Repeatable.**  
 Differential equations and selected topics of mathematical analysis.

10061 MATH-002A-01	LEC10:30 AM-12:50 PM MTWTh	STAFF	4302	
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*MATH-002A-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.*

### MATH 2B LINEAR ALGEBRA 5 Units

**Prerequisite:** MATH 1C.  
**Advisory:** Eligibility for ENGL 1A or ESLL 26.  
**5 hours lecture.** (60 total hours per quarter.)  
**Not Repeatable.**

A first course in Linear Algebra, including systems of linear equations, matrices, linear transformations, determinants, abstract vector spaces and subspaces, eigenvalues and eigenvectors, inner product spaces and orthogonality, and selected applications of these topics.

10161 MATH-002B-01	LEC10:30 AM-12:50 PM TWTh	STAFF	4201	
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*MATH-002B-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.*

### MATH 10 ELEMENTARY STATISTICS 5 Units

**Prerequisite:** Satisfactory score on the mathematics placement test or MATH 105 or 108.  
**Advisory:** Eligibility for ENGL 1A or ESLL 26.  
**5 hours lecture.** (60 total hours per quarter.)  
**Not Repeatable.**

An introduction to modern methods of descriptive statistics, including collection and presentation of data; measures of central tendency and dispersion; probability; sampling

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# SUMMER SESSIONS 2013 COURSES

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
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distributions; hypothesis testing and statistical inference; linear regression and correlation; analysis of variance; use of microcomputers for statistical calculations. Illustrations taken from the fields of business, economics, medicine, engineering, education, psychology, sociology and from culturally diverse situations.

✓ 10393	MATH-010.-01W	LEC	TBA TBA	STAFF	ONLINE
✓ 10394	MATH-010.-02W	LEC	TBA TBA	STAFF	ONLINE
✓ 10776	MATH-010.-03W	LEC	TBA TBA	STAFF	ONLINE
10342	MATH-010.-10	LEC08:00 AM-10:20 AM	MTWTh	STAFF	4201
MATH-010.-10: TI-83/83-plus or TI-84/84-plus Graphing Calculator required. Some sections may use online content in place of, or in addition to a textbook. Please contact the instructor for details. Additional costs for online materials or content in place of or in addition to a textbook may be required.					
10062	MATH-010.-11	LEC10:30 AM-12:45 PM	MTWTh	STAFF	3401
MATH-010.-11: TI-83/83-plus or TI-84/84-plus Graphing Calculator required. Some sections may use online content in place of, or in addition to a textbook. Please contact the instructor for details. Additional costs for online materials or content in place of or in addition to a textbook may be required.					
10345	MATH-010.-12	LEC10:30 AM-12:50 PM	MTWTh	STAFF	4220
MATH-010.-12: TI-83 or TI-83 plus Graphing Calculator required. Some sections may use online content in place of, or in addition to a textbook. Please contact the instructor for details. Additional costs for online materials or content in place of or in addition to a textbook may be required.					
✓ 10193	MATH-010.-13W	LEC	TBA TBA	STAFF	ONLINE
✓ 10194	MATH-010.-14W	LEC	TBA TBA	STAFF	ONLINE
✓ 10489	MATH-010.-15W	LEC	TBA TBA	STAFF	ONLINE

## 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.

Introduction to families of functions including quadratics, polynomials, power and root functions, transformations of these functions, and their use in solving applications problems.

10355	MATH-048A-01	LEC08:00 AM-10:20 AM	MTWTh	STAFF	4301
MATH-048A-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.					
10356	MATH-048A-02	LEC10:30 AM-12:50 PM	MTWTh	STAFF	4203
MATH-048A-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.					

## 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 48A. Topics include rational, root, exponential and logarithmic functions, introduction to trigonometry and the six trigonometric functions, and the trigonometry of right triangles.

10372	MATH-048B-01	LEC08:00 AM-10:20 AM	MTWTh	STAFF	5502
MATH-048B-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.					
10373	MATH-048B-02	LEC10:30 AM-12:45 PM	MTWTh	STAFF	3204
MATH-048B-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.					

## 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.

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
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This course is a continuation of topics from MATH 48B. Topics include the six trigonometric functions, trigonometric identities, inverse trigonometric functions, trigonometric equations, oblique triangles, vectors, parametric equations, and modeling data with various functions.

10374	MATH-048C-01	LEC10:30 AM-12:50 PM	MTWTh	STAFF	5501
MATH-048C-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.					

## MATH 105 INTERMEDIATE ALGEBRA 5 Units

**Prerequisite:** Satisfactory score on the mathematics placement test or MATH 220 or 224.

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

Not Repeatable.

Quadratic, polynomial, rational, radical, exponential and logarithmic functions and expressions with an emphasis on graphing and applications.

10063	MATH-105.-01	LEC08:00 AM-10:20 AM	MTWTh	STAFF	4221
MATH-105.-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.					
10064	MATH-105.-02	LEC10:30 AM-12:50 PM	MTWTh	STAFF	4221
MATH-105.-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.					
✓ 10357	MATH-105.-03W	LEC	TBA TBA	STAFF	ONLINE
✓ 10524	MATH-105.-06W	LEC	TBA TBA	STAFF	ONLINE
✓ 10565	MATH-105.-07W	LEC	TBA TBA	STAFF	ONLINE
MATH-105.-07W:					

Offered via the internet. After registering, you MUST refer to "Course Descriptions" at [www.foothill.edu/fga/](http://www.foothill.edu/fga/) for information on how to begin. Students will not be charged a fee for a subscription to beoga.net if they are repeating this course and have previously paid the subscription fee.

TI-83 or TI-83 plus Graphing Calculator required.

Additional costs for online materials or content in place of or in addition to a textbook may be required.

## MATH 220 ELEMENTARY ALGEBRA 5 Units

Formerly: MATH 101

**Prerequisites:** Satisfactory score on the mathematics placement test; MATH 230, 230J & 234.

**Advisory:** Not open to students with credit in MATH 101 or 224.

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

Not Repeatable.

Includes linear equations inequalities in one variable, graphs of linear and quadratic functions, solving linear systems, integer exponents, operations on polynomials, factoring, and proportional reasoning.

11003	MATH-220.-01	LEC08:00 AM-10:20 AM	MTWTh	STAFF	4220
MATH-220.-01: Additional costs for online materials or content in place of or in addition to a textbook may be required.					
11004	MATH-220.-02	LEC10:30 AM-12:50 PM	MTWTh	STAFF	4310
MATH-220.-02: Additional costs for online materials or content in place of or in addition to a textbook may be required.					

## MATH 234 PREPARING FOR ALGEBRA: SUMMER EDITION 5 Units

**Prerequisites:** Students must have been enrolled in MATH 230 the preceding Fall, Winter or Spring quarter; MATH 235.

**Advisory:** Pass/No Pass; not open to students with credit in MATH 200.

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

May be taken three times for credit.

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.

Continued on next page

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# SUMMER SESSIONS 2013 COURSES

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
10065 MATH-234.-01	LEC10:30 AM-12:50 PM	MTWTh	STAFF	4305
Additional costs for online materials or content in place of or in addition to a textbook may be required.				
10208 MATH-234.-02	LEC10:30 AM-12:50 PM	MTWTh	STAFF	4306

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
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MUS -001.-02W: Offered via Internet. After registering, you must refer to course descriptions at [www.foothill.edu/tga/](http://www.foothill.edu/tga/) for information on how to begin. Course meets UC/CSU Arts & Humanities transfer requirements (IGETC) and CSU Area General Ed Requirements. Also meets Foothill's Humanities requirement for General Education for the AS/AA degree.

## MEDIA STUDIES

Fine Arts & Communication (650) 949-7262

### MDIA 11 INTRODUCTION TO POPULAR CULTURE 4 Units

**Advisory: Not open to students with credit in F A 1.**  
4 hours lecture, 1 hour laboratory. (60 total hours per quarter.)  
**Not Repeatable.**

Overview of 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.

✓ 10669 MDIA-011.-01W	LEC	TBA TBA	HARTWELL	ONLINE
✓	LAB	TBA TBA	HARTWELL	ONLINE
✓ 10670 MDIA-011.-02W	LEC	TBA TBA	THORNTON	ONLINE
✓	LAB	TBA TBA	THORNTON	ONLINE

### MDIA 12 POPULAR CULTURE & UNITED STATES HISTORY 4 Units

**Advisory: Not open to students with credit in FA 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.

✓ 10671 MDIA-012.-01W	LAB	TBA TBA	THORNTON	ONLINE
✓	LEC	TBA TBA	THORNTON	ONLINE

## MUSIC

Fine Arts & Communication (650) 949-7333 [www.foothill.edu/music/](http://www.foothill.edu/music/)

Classes meet six weeks unless otherwise indicated.

### 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.

✓ 10736 MUS -001.-01Y	LEC	TBA TBA	HARTWELL	ONLINE
	LEC10:00 AM-01:50 PM	T	HARTWELL	1401
✓	LAB	TBA TBA	HARTWELL	ONLINE
MUS-001.-01Y: Hybrid class. 3 weekly TBA hour via online instruction. Course meets UC/CSU Arts & Humanities transfer requirements (IGETC) and CSU Area General Ed Requirements. Also meets Foothill's Humanities requirement for General Education for the AS/AA degree.				
✓ 10318 MUS -001.-02W	LEC	TBA TBA	BENKMAN	ONLINE
✓	LAB	TBA TBA	BENKMAN	ONLINE

### MUS 2D WORLD MUSIC: ROOTS TO CONTEMPORARY GLOBAL FUSION 4 Units

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

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 (filmi), Chutney, Cajun, zydeco, 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.

✓ 10739 MUS -002D-01W	LEC	TBA TBA	BARKLEY	ONLINE
✓	LAB	TBA TBA	BARKLEY	ONLINE

MUS -002D-01W: Offered via Internet. After registering, you must refer to course descriptions at [www.foothill.edu/tga/](http://www.foothill.edu/tga/) for information on how to begin. Course meets UC/CSU Arts & Humanities transfer requirements (IGETC) and CSU Area General Ed Requirements. This four-week course meets 7/2-7/26/12.

### MUS 3A BEGINNING MUSIC THEORY, LITERATURE & COMPOSITION 5 Units

**Advisory: MUS 12A strongly recommended.**  
4 hours lecture, 2 hours lecture-laboratory. (72 total hours per quarter.)  
**Not Repeatable.**

Introduction to the fundamentals of music and their application to composition and music literature. Notation, scales, intervals, triads, and their use in basic composition. 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 Baroque period of Western musical theory.

✓ 10738 MUS -003A-01W	LEC	TBA TBA	CRATTY	ONLINE
✓	LAB	TBA TBA	CRATTY	ONLINE

MUS -003A-01W: Offered via Internet. After registering, you must refer to course descriptions at [www.foothill.edu/tga/](http://www.foothill.edu/tga/) for information on how to begin. Course meets UC/CSU Arts & Humanities transfer requirements (IGETC) and CSU Area General Ed Requirements.

### MUS 8 MUSIC OF MULTICULTURAL AMERICA 4 Units

**Advisory: Not open to students with credit in MUS 8H.**  
4 hours lecture, 1 hour laboratory. (60 total hours per quarter.)  
**Not Repeatable.**

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.

✓ 10751 MUS -008.-01W	LEC	TBA TBA	BARKLEY	ONLINE
✓	LAB	TBA TBA	BARKLEY	ONLINE

MUS -008.-01W: Offered via Internet. After registering, you must refer to course descriptions at [www.foothill.edu/tga/](http://www.foothill.edu/tga/) for information on how to begin. This four-week course (7/2-7/26) is taught by an instructional team led by Dr. Elizabeth Barkley. Meets UC Berkeley American Cultures requirement and Foothill College general education graduation requirement in United States Cultures and Communities.

### MUS 9A MUSIC & MEDIA: EDISON TO HENDRIX 4 Units

**Formerly: MUS 85A**  
**Advisory: Not open to students with credit in MUS 85 or 85A.**  
4 hours lecture, 1 hour laboratory. (60 total hours per quarter.)  
**Not Repeatable.**

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# SUMMER SESSIONS 2013 COURSES

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
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Introductory study of the history and development of popular music from the inception of recording through the first televised performances of the Beatles in the U.S. Development of media delivery including recording, radio, television, and how those delivery systems changed both the content of music, and its use by the public. The influence of media on the development of styles such as jazz, swing, country, rockabilly and rock and roll, including societal changes brought about by media delivery of music and how it became associated with graphic imagery such as television and cinema.

✓ 10753	MUS -009A-01W	LAB LEC	TBA TBA	TBA TBA	WELLER WELLER	ONLINE ONLINE
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## MUS 9B MUSIC & MEDIA: HENDRIX TO HIP-HOP 4 Units

Formerly: MUS 85B

Advisory: Not open to students with credit in MUS 85B.

4 hours lecture, 1 hour laboratory. (60 total hours per quarter.)

Not Repeatable.

Introductory study of the history and development of popular music from 1964 through the present in the U.S. The class will examine the development of media delivery systems after The Beatles' first appearances on television through the growth of rock and alternative styles. Styles and artist to be studied are such as punk, ska, the rebirth of country music and the rise of hip hop culture, examining artists such as Jimi Hendrix, Pink Floyd, David Bowie, Frank Zappa, Prince, The Police, Chuck D. and others. The class will study the development and growth of music videos as an art form and the delivery/promotional systems developed for them such as MTV.

✓ 10754	MUS -009B-01W	LAB LEC	TBA TBA	TBA TBA	ANDERSON ANDERSON	ONLINE ONLINE
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## MUS 10 MUSIC FUNDAMENTALS 4 Units

4 hours lecture, 1 hour laboratory. (60 total hours per quarter.)

Not Repeatable.

This course is a beginning theory course where the basic elements of musicianship and harmony are explored through lecture, listening, 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.

✓ 10261	MUS -010.-01W	LEC LAB	TBA TBA	TBA TBA	SULT SULT	ONLINE ONLINE
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MUS -010.-01W: Offered via Internet. After registering, you must refer to course descriptions at [www.foothill.edu/tga/](http://www.foothill.edu/tga/) for information on how to begin. Course meets UC/CSU Arts & Humanities transfer requirements (IGETC) and CSU Area General Ed Requirements.

✓ 10066	MUS -010.-02W	LEC LAB	TBA TBA	TBA TBA	SULT SULT	ONLINE ONLINE
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MUS -010.-02W: Offered via Internet. After registering, you must refer to course descriptions at [www.foothill.edu/tga/](http://www.foothill.edu/tga/) for information on how to begin. Course meets UC/CSU Arts & Humanities transfer requirements (IGETC) and CSU Area General Ed Requirements.

✓ 10752	MUS -010.-03W	LAB LEC	TBA TBA	TBA TBA	BENKMAN BENKMAN	ONLINE ONLINE
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## MUS 11A JAZZ & SWING 4 Units

Formerly: MUS 64A

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 Ragtime 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.

✓ 10258	MUS -011A-01W	LEC LAB	TBA TBA	TBA TBA	WELLER WELLER	ONLINE ONLINE
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MUS -011A-01W: Offered via Internet. After registering, you must refer to course descriptions at [www.foothill.edu/tga/](http://www.foothill.edu/tga/) for information on how to begin.

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
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## MUS 11B FUNK, FUSION & HIP-HOP 4 Units

Formerly: MUS 64B

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/define funk, fusion & Hip Hop from the collapse of traditional jazz and the introduction of funk and jazz 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, Early Funk, East Bay Funk, Groove and Smooth Jazz, Modern Fusion, Early Hip Hop and Commercial Rap.

✓ 10755	MUS -011B-01W	LEC LAB	TBA TBA	TBA TBA	KUEHNL KUEHNL	ONLINE ONLINE
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MUS -011B-01W: Offered via Internet. After registering, you must refer to course descriptions at [www.foothill.edu/tga/](http://www.foothill.edu/tga/) for information on how to begin.

## MUS 12A BEGINNING CLASS PIANO 2 Units

Advisory: Concurrent enrollment in MUS 10.

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

Not Repeatable.

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.

10067	MUS -012A-01Q	LAB12:00 PM-12:50 PM	MW	RAY	1402
		LEC10:00 AM-11:50 AM	MW	RAY	1402
10759	MUS -012A-02Q	LEC10:00 AM-11:50 AM	TTh	LIN	1402
		LAB12:00 PM-12:50 PM	TTh	LIN	1402

## MUS 12B INTERMEDIATE CLASS PIANO 2 Units

Advisory: MUS 12A or equivalent skills.

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

Not Repeatable.

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.

10068	MUS -012B-01Q	LEC10:00 AM-11:50 AM	MW	RAY	1402
		LAB12:00 PM-12:50 PM	MW	RAY	1402
10761	MUS -012B-02Q	LEC10:00 AM-11:50 AM	TTh	LIN	1402
		LAB12:00 PM-12:50 PM	TTh	LIN	1402

## MUS 12C ADVANCED CLASS PIANO 2 Units

Advisory: MUS 12B or equivalent skills.

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

Not Repeatable.

Continuation of MUS 12B with greater emphasis on building a repertoire, varied styles of performance, and ensemble playing.

10069	MUS -012C-01Q	LEC10:00 AM-11:50 AM	MW	RAY	1402
		LAB12:00 PM-12:50 PM	MW	RAY	1402
10762	MUS -012C-02Q	LAB12:00 PM-12:50 PM	TTh	LIN	1402
		LEC10:00 AM-11:50 AM	TTh	LIN	1402

## 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

Continued on next page

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# SUMMER SESSIONS 2013 COURSES

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
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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.

✓ 10260	MUS -050A-01W	LAB LEC	TBA TBA	TBA TBA	GOLDFARB GOLDFARB	ONLINE ONLINE
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MUS -050A-01W: Offered via Internet. After registering, you must refer to course descriptions at [www.foothill.edu/fga/](http://www.foothill.edu/fga/) for information on how to begin.

## MUS 50B ENTERTAINMENT LAW & NEW MEDIA 4 Units

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

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.

✓ 10317	MUS -050B-01W	LEC LAB	TBA TBA	TBA TBA	GOLDFARB GOLDFARB	ONLINE ONLINE
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MUS -050B-01W: Offered via Internet. After registering, you must refer to course descriptions at [www.foothill.edu/fga/](http://www.foothill.edu/fga/) for information on how to begin.

## MUS 58A SONGWRITER'S WORKSHOP 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.

✓ 10319	MUS -058A-01W	LAB	TBA	TBA	BRUNO	ONLINE
✓		LAB	TBA	TBA	BRUNO	ONLINE
✓		LEC	TBA	TBA	BRUNO	ONLINE

MUS -058A-01W: Offered via Internet. After registering, you must refer to course descriptions at [www.foothill.edu/fga/](http://www.foothill.edu/fga/) for information on how to begin.

✓ 10542	MUS -058A-02W	LEC LAB	TBA TBA	TBA TBA	BRUNO BRUNO	ONLINE ONLINE
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MUS -058A-02W: Offered via Internet. After registering, you must refer to course descriptions at [www.foothill.edu/fga/](http://www.foothill.edu/fga/) for information on how to begin.

## MUS 58B MODERN SONG COMPOSITION 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.

✓ 10320	MUS -058B-01W	LAB	TBA	TBA	BRUNO	ONLINE
✓		LEC	TBA	TBA	BRUNO	ONLINE
✓		LAB	TBA	TBA	BRUNO	ONLINE

MUS -058B-01W: Offered via Internet. After registering, you must refer to course descriptions at [www.foothill.edu/fga/](http://www.foothill.edu/fga/) for information on how to begin.

✓ 10543	MUS -058B-02W	LAB	TBA	TBA	BRUNO	ONLINE
✓		LEC	TBA	TBA	BRUNO	ONLINE

MUS -058B-02W: Offered via Internet. After registering, you must refer to course descriptions at [www.foothill.edu/fga/](http://www.foothill.edu/fga/) for information on how to begin.

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
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## MUS 58C ADVANCED SONG STRUCTURE 3.5 Units

2 hours lecture, 1 hour lecture-laboratory, 3 hours laboratory. (72 total hours per quarter.)  
Not Repeatable.

Workshop course for advanced songwriters that focuses on higher-level topics such as Self Criticism, Rewriting and Co-Writing. Course includes demonstrations of the practical use of technique and an understanding of the works of the most accomplished professional songwriters. Class is appropriate for Advanced levels of songwriting competency.

✓ 10321	MUS -058C-01W	LEC	TBA	TBA	BRUNO	ONLINE
✓		LAB	TBA	TBA	BRUNO	ONLINE
✓		LAB	TBA	TBA	BRUNO	ONLINE

MUS -058C-01W: Offered via Internet. After registering, you must refer to course descriptions at [www.foothill.edu/fga/](http://www.foothill.edu/fga/) for information on how to begin.

✓ 10544	MUS -058C-02W	LAB	TBA	TBA	BRUNO	ONLINE
✓		LEC	TBA	TBA	BRUNO	ONLINE

MUS -058C-02W: Offered via Internet. After registering, you must refer to course descriptions at [www.foothill.edu/fga/](http://www.foothill.edu/fga/) for information on ho

## MUS 60A PRODUCING IN THE HOME STUDIO I 4 Units

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

Design, set up and operation of an audio/video recording studio in a small environment. Space considerations, electrical requirements and acoustic treatment options. Computer requirements including processor speed, memory requirements, data storage devices and monitor selection/placement. MIDI keyboard types and compatibility, mixer selection and setup, cable selection and care, microphone design, and USB/firewire interface options. Software programs and compatibility issues. How to produce recordings from start to finish in a home studio.

✓ 10756	MUS -060A-01W	LEC LAB	TBA TBA	TBA TBA	DONNER DONNER	ONLINE ONLINE
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MUS -060A-01W: Offered via Internet. After registering, you must refer to course descriptions at [www.foothill.edu/fga/](http://www.foothill.edu/fga/) for information on how to begin.

## MUS 60B PRODUCING IN THE HOME STUDIO II 4 Units

4 hours lecture, 2 hours laboratory. (72 total hours per quarter.)  
Not Repeatable.

In-depth operation of an audio/video recording studio in a small environment. Microphone selection and placement, creative sound treatments in non-traditional environments, and application of plug-in effects. Use of auxilliary tracks and busses. Mixing and mastering in various digital formats.

✓ 10763	MUS -060B-02W	LAB LEC	TBA TBA	TBA TBA	DONNER DONNER	ONLINE ONLINE
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## MUS 66B REASON & PRO TOOLS 4 Units

2 hours lecture, 2 hours lecture-laboratory, 3 hours laboratory. (84 total hours per quarter.)  
Not Repeatable.

Creating and editing digital audio with Pro Tools and Reason. Introduction to Reason's virtual instruments including Dr. Rex, Subtractor, Malstrom, Thor, Redrum and NN-Xt. Songwriting, musical composition, and the basic elements of music (pitch, rhythm, harmony, style and form) as they relate to contemporary music. Introduction to synthesis and digital sampling techniques. Integrate Reason and Pro Tools using ReWire, Pro Tools MIDI Editor and the Pro Tools Mixer.

✓ 10192	MUS -066B-01Y	LAB	TBA	TBA	PRIMEAU	ONLINE
		LAB08:00 PM-09:50 PM	TTh		PRIMEAU	1211
		LEC06:00 PM-07:50 PM	TTh		PRIMEAU	1211

MUS -066B-01Y: Hybrid class. 6 additional weekly TBA hours via online instruction.

## MUS 82A PRO TOOLS 101: INTRODUCTION TO PRO TOOLS 4 Units

2 hours lecture, 2 hours lecture-laboratory, 3 hours laboratory. (84 total hours per quarter.)  
Not Repeatable.

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# SUMMER SESSIONS 2013 COURSES

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
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Introduction to Pro Tools with Avid Certification training material. Basic audio editing tools and techniques, plug-ins and mixing in the Pro Tools environment. Build sessions that include multitrack recordings of live instruments, MIDI sequences, virtual instruments, audio loops and beats. Practical experience with examples from major label recording artists and feature films. Understanding menus, windows, preferences and system configurations for Pro Tools in home studios and professional facilities. Intro to automation, dialog editing and audio post production for film and video. Required for Avid Pro Tools Certification.

✓ 10259	MUS -082A-01W	LAB	TBA TBA	KUEHNL	ONLINE
✓		LAB	TBA TBA	KUEHNL	ONLINE
✓		LEC	TBA TBA	KUEHNL	ONLINE

MUS -082A-01W: Offered via Internet. After registering, you must refer to course descriptions at [www.foothill.edu/fga/](http://www.foothill.edu/fga/) for information on how to begin.

## NANOTECHNOLOGY

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

### NANO 51 APPLICATIONS OF NANOTECHNOLOGY 5 Units

Formerly: ENGR 76

Advisory: High school chemistry, physics or biology; CHEM 30A or equivalent; PHYS 10 or equivalent; BIOL 10 or equivalent; not open to students with credit in ENGR 76.

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

Not Repeatable.

Introduction to the underlying principles and industrial applications of nanoscience and nanotechnology. Introduces scientific principles and theory relevant at the nanoscale dimension, including the emergence and engineering of novel properties at scale. Overview of current and future applications of nanotechnology in materials engineering, physics, chemistry, biology, electronics and computing, clean energy technology, and medicine. Introduces the field of nanomaterials engineering from an application design perspective, and serves as the foundation to the integrated nanotechnology program.

✓ 10498	NANO-051-.01Y	LEC	TBA TBA	CORMIA	ONLINE
		LEC06:00 PM-08:50 PMT		CORMIA	3403

## NON-CREDIT: PARENTING EDUCATION

Non-Credit (650) 949-6950

### NCP 402 PARENT INVOLVEMENT: THE IMPORTANCE OF FAMILY IN THE LIVES OF CHILDREN 0 Units

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 (with NCP 400 and NCP 401) which leads to a Certificate of Completion in Parenting Skills and helps prepare students for credit classes in child development. May be offered bilingually.

● 10910	NCP -402-.01	LEC06:00 PM-07:50 PMT		GARCIA	YBHS
	NCP-402.01: Offered at Yerba Buena High School, 6-7:50 pm, Tuesdays. Open entry/exit. No fee. Registering at class location is an option.				

### NCP 403 BUILDING BRIDGES, OPENING DOORS, RAISING EMOTIONALLY HEALTHY CHILDREN 0 Units

24 hours total. (24 total hours per quarter.)

Unlimited Repeatability.

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
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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.

- 10918 NCP -403-.01 LEC09:00 AM-12:00 PMTTH STAFF BISHOP  
NCP-403-.01: Offered at Bishop School, Tuesdays & Thursdays, 9:00 am-12:00 pm. 7/2/13 - 7/30/13. No class 7/4/13. Open entry/exit. No fee. Registering at class location is an option.
- 10919 NCP -403-.02 LEC09:00 AM-12:00 PM MW STAFF FAIROAKS  
NCP-403-.02: Offered at Fair Oaks School. Monday/Wednesdays, 9 am - 12 pm, 7/1/13 - 7/24/13. Open entry/exit. No fee. Registering at class location is an option.
- 10921 NCP -403-.03 LEC09:00 AM-12:00 PM MW STAFF MONTALOMA  
NCP-403.03: Offered at Monta Loma School. Mon/Wed, 7/1/13-7/24/13, 9 am - 12 pm. Open entry/exit. No fee. Registering at class location is an option.

## NON-CREDIT: WORKFORCE PREPARATION

Non-Credit (650) 949-6295

### NCWP 400 BLUEPRINT FOR WORKPLACE SUCCESS 0 Units

36 hours total. (36 total hours per quarter.)

Unlimited Repeatability.

Provides students with the necessary tools and techniques in order to identify and/or enhance the job-related abilities and qualities they possess, find a job, successfully apply and interview and keep the job by using effective workplace behaviors and communication skills. Completion of this course in addition to NCWP 401, 402 and 403 leads to a Job Readiness Certificate of Completion.

- 10922 NCWP-400-.01 LEC10:00 AM-12:40 PM MTW STAFF VANSF  
NCWP-400.01: Offered at Catholic Charities, 2626 Zanker Rd, San Jose. First of three part class. Completion of NCWP 400, 401, 402 & 403 (July 9-July 30) leads to Job Readiness Certificate of Completion. Registration accepted at class location.

### NCWP 401 BLUEPRINT FOR CUSTOMER SERVICE 0 Units

18 hours total. (18 total hours per quarter.)

Unlimited Repeatability.

Provides students necessary tools in order to develop good customer service skills for the workplace focusing on getting to know customers, listening and problem solving. Completion of this course in addition to NCWP 400, 402 and 403 leads to a Job Readiness Certificate of Completion.

- 10925 NCWP-401-.01 LEC10:00 AM-01:00 PM MTW STAFF VANSF  
NCWP-401.01: Offered at Catholic Charities, 2626 Zanker Rd, San Jose. First of three part class. Completion of NCWP 400, 401, 402 & 403 (July 9-July 30) leads to Job Readiness Certificate of Completion. Registration accepted at class location.

### NCWP 402 30 WAYS TO SHINE AS A NEW EMPLOYEE 0 Units

6 hours total. (6 total hours per quarter.)

Unlimited Repeatability.

Provides students with necessary tools in order to succeed in the workplace focusing on how to participate in a new work environment, to work with customers and new colleagues, how to dress and behave, and how to make a difference as a new employee. Completion of this course in addition to NCWP 400, 401 and 403 leads to a Job Readiness Certificate of Completion.

- 10928 NCWP-402-.01 LEC01:05 PM-02:00 PM MTW STAFF VANSF  
NCWP-402.01: Offered at Catholic Charities, 2626 Zanker Rd, San Jose. First of three part class. Completion of NCWP 400, 401, 402 & 403 (July 9-July 30) leads to Job Readiness Certificate of Completion. Registration accepted at class location.

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# SUMMER SESSIONS 2013 COURSES

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
<b>PRIMARY CARE ASSOCIATE</b>				
Biological & Health Sciences (650) 725-6959 <a href="http://www.foothill.edu/bio/programs/primary/">www.foothill.edu/bio/programs/primary/</a>				
Notice to students: PC courses are intended for students completing the Primary Care Associate Program. PCA course are intended for students admitted to the Primary Care Program in 2011.				
<b>PCA 51A</b>	<b>BASIC SCIENCE/MICROBIOLOGY/ INFECTIOUS DISEASE</b>	<b>2 Units</b>		
<i>Formerly: P C 190Z</i> <b>Prerequisite:</b> PCA 50. <b>Advisory:</b> Not open to students with credit in P C 190Z. <b>2 hours lecture. (24 total hours per quarter.)</b> <b>Not Repeatable.</b> 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, prokaryotic bacteria, fungi, parasites. Prepares student for understanding the infectious disease process experienced in interaction of host and infecting organism. Required for Physician Assistant students.				
● 10185	PCA -051A-01	LEC02:00 PM-03:50 PMM	HIRAHOKA	SMC
<b>PCA 52A</b>	<b>ANATOMY/PHYSIOLOGY/ PATHOPHYSIOLOGY I</b>	<b>5 Units</b>		
<b>Prerequisite:</b> PCA 50. <b>4 hours lecture, 3 hours laboratory. (84 total hours per quarter.)</b> <b>Not Repeatable.</b> Expands concepts presented in PCA 51A. Course composed of (1) introductory overview of organ function (normal and pathologic) within major human body systems; emphasis on integration of normal system anatomy,function and homeostatic mechanisms, (2) in-depth study of selected systems (immunology, hematology, dermatology, musculoskeletal, neurologic, EENT (eye, ear, nose, throat), respiratory), with emphasis on alterations from normal physiology produced by the range of disease states commonly seen in primary care medicine.				
● 10186	PCA -052A-01	LAB11:15 AM-12:05 PM MTW LEC10:00 AM-11:10 AM MTW	HIRAHOKA HIRAHOKA	SMC SMC
<b>PCA 53A</b>	<b>PHARMACOLOGY I</b>	<b>3 Units</b>		
<b>Prerequisite:</b> PCA 50. <b>3 hours lecture. (36 total hours per quarter.)</b> <b>Not Repeatable.</b> Introduction to pharmacology principles and drug function in management of disease, prescription writing and laws for safe and ethical prescribing of medication. Pharmacologic management of infection disease and disorders of hematology, dermatology, musculoskeletal, neurologic, ophthalmologic, ear, nose, throat (EENT), and respiratory systems. Required for Physician Assistants students.				
● 10187	PCA -053A-01	LEC02:00 PM-04:50 PMTh	HIRAHOKA	SMC
<b>PCA 54A</b>	<b>PRE-CLINICAL I</b>	<b>3 Units</b>		
<i>Formerly: P C 80P</i> <b>Prerequisite:</b> Admission to the Primary Care Associate Program. <b>Advisory:</b> Not open to students with credit in P C 80P. <b>1 hour lecture, 6 hours laboratory. (84 total hours per quarter.)</b> <b>Not Repeatable.</b> First of four courses in the preclinical sequence of the Primary Care Associate Program. Focus on behavioral medicine, clinical skills, and clinical problem solving. Includes health history and adult physical exam skills. Required for Physician Assistant students.				
● 10188	PCA -054A-01	LEC02:00 PM-02:50 PMT LAB03:00 PM-04:50 PMTWF	HIRAHOKA HIRAHOKA	SMC SMC
<b>PCA 55A</b>	<b>PROFESSIONALISM/CULTURAL MEDICINE I</b>	<b>1 Unit</b>		
<b>Prerequisite:</b> PCA 50. <b>1 hour lecture. (12 total hours per quarter.)</b> <b>Not Repeatable.</b> This course focuses on core content related to professional, ethical and cross cultural issues in the PA professions. Content includes overview of the PA and NP profession,medical ethics, theories,and overview of the national health care system. It also includes development of skills to practice culturally appropriate medicine. Required for Physician Assistant students				
● 10189	PCA -055A-01	LEC01:00 PM-01:50 PM F	HIRAHOKA	SMC
<b>PCA 56A</b>	<b>CORE MEDICINE I</b>	<b>6 Units</b>		
<i>Formerly: P C 80</i> <b>Prerequisite:</b> PCA 50. <b>Advisory:</b> Not open to students with credit in P C 80. <b>6 hours lecture. (72 total hours per quarter.)</b> <b>Not Repeatable.</b> This course is the first of a series of seven courses. It covers the presentation, evaluation, diagnosis and management of primary care disorders of the following systems: hematology, dermatology, musculoskeletal (axial, appendicular), neurologic, ophthalmologic, ear/nose/throat (ENT), and respiratory. Required for Physician Assistant students.				
● 10190	PCA -056A-01	LEC09:00 AM-11:50 AMThF	HIRAHOKA	SMC
<b>PCA 56E</b>	<b>CORE MEDICINE V</b>	<b>1.5 Units</b>		
<i>Formerly: P C 83</i> <b>Prerequisite:</b> PCA 56D. <b>Advisory:</b> Not open to students with credit in P C 83. <b>1.5 hours lecture. (18 total hours per quarter.)</b> <b>Not Repeatable.</b> This course is the fifth in a series of seven courses. It teaches the student to develop awareness of the role primary care clinicians play in issues of Epidemiology and Public Health. Students use case histories from their clinical experience to explore epidemiologic principles. Required for Physician Assistant students.				
● 10294	PCA -056E-01	LEC08:00 AM-09:25 AM	M	HIRAHOKA SMC
<b>PCA 60C</b>	<b>PRECEPTORSHIP III</b>	<b>7 Units</b>		
<i>Formerly: P C 83P</i> <b>Prerequisite:</b> PCA 60B. <b>Advisory:</b> Not open to students with credit in P C 83P. <b>35 hours preceptorship. (420 total hours per quarter.)</b> <b>Not Repeatable.</b> Third of the five courses in the clinical sequence of the Primary Care Associate Program. Assessing, planning, implementing, and evaluating patients in a primary care clinical setting. In addition to the content in PCA 60A and B, it includes Emergency and Surgical care in the hospital setting. Development of progress in clinical performance with each successive academic period. Required for Physician Assistant students.				
● 10291	PCA -060C-01	LAB11:00 AM-05:05 PMMTWThF	HIRAHOKA	HOSP PCA -060C-01: 12 weeks, 35 hrs/week. 420 total hrs/qtr. Schedule subject to change due to clinic assignments.
<b>PCA 290</b>	<b>ENRICHMENT COURSE DIDACTIC PRINCIPLES</b>	<b>1 Unit</b>		
<i>Formerly: P C 190</i> <b>Prerequisite:</b> Enrollment in the Primary Care Associate Program <b>1 hour lecture per week. (12 total hours per quarter.)</b> <b>Not Repeatable.</b>				

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# SUMMER SESSIONS 2013 COURSES

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This is an enrichment course developed to provide additional instruction to achieve competence in didactic course principles employed in the practice of primary care medicine. Intended for students in the PCA program.

● 10747 PCA -290.-01 LEC TBA TBA HIRAHOKA SMC

**PCA 291 ENRICHMENT COURSE:PRECEPTORSHIP PRINCIPLES 4 Units**

Formerly: P C 190Y

Prerequisite: Enrollment in Primary Care Associate Program.

20 hours clinic. (240 total hours per quarter.)

Not Repeatable.

This course will provide enrichment in order to complete preceptorship requirements. It may include self-study, tutoring, additional clinical experience and assignments. Focus training under the supervision of a physician preceptor. Intended for students in the PCA program.

● 10748 PCA -291.-01 LAB TBA TBA HIRAHOKA SMC

## PHYSICAL EDUCATION - ADAPTIVE PE (FORMERLY ADAPTIVE LEARNING)

Kinesiology & Athletics

**PHDA 16 MODIFIED GENERAL CONDITIONING 1 Unit**

Formerly: ALAP 60X

Advisory: Not open to students with credit in ALAP 60X.

3 hours laboratory. (36 total hours per quarter.)

Not Repeatable.

Personal instruction in exercise programs to develop a comprehensive exercise program based on physical abilities and individual goals. Cardiovascular endurance, flexibility, muscular strength and endurance, balance and/or motor skills, as appropriate.

◆ 10923 PHDA-016.-01 LAB09:00 AM-10:15 AM TTh O'LOUGHLIN MCWT  
10857 PHDA-016.-02 LAB12:35 PM-02:35 PM MW O'LOUGHLIN 2506

**PHDA 18 INDIVIDUALIZED EXERCISE FOR SPECIAL POPULATIONS 1 Unit**

Formerly: ALAP 62X

Prerequisite: Medically verified disability.

Advisory: Not open to students with credit in ALAP 62X.

3 hours laboratory. (36 total hours per quarter.)

Not Repeatable.

Cardiovascular endurance, muscular endurance and strength, flexibility, balance and coordination activities, motor skills, as appropriate. Emphasis on adapting and developing an exercise program to meet individual needs and goals.

◆ 10900 PHDA-018.-01 LAB08:30 AM-09:45 AM MWF O'LOUGHLIN MCWT  
◆ 10859 PHDA-018.-02 LAB10:00 AM-11:15 AM MWF O'LOUGHLIN MCWT  
◆ 10916 PHDA-018.-03 LAB10:30 AM-11:45 AM TTh O'LOUGHLIN MCWT

**PHDA 21A MODIFIED AQUATICS 1 Unit**

Formerly: ALAP 70X

Advisory: Not open to students with credit in ALAP 70X,

3 hours laboratory. (36 total hours per quarter.)

Not Repeatable.

Individualized swimming instruction to improve cardiovascular endurance.

● 10899 PHDA-021A-01 LAB03:00 PM-04:15 PM MWF KNOPF YMCA

## PHYSICAL EDUCATION

Kinesiology & Athletics (650) 949-7742 www.foothill.edu/ath/

**PHED 10A AQUATICS: LEVEL I, BEGINNING SWIMMING 1 Unit**  
3 hours laboratory. (36 total hours per quarter.)

Not Repeatable.

Introduction to swimming and safety skills. Includes physical and mental adjustment to water, buoyancy and body position, survival skills, and basic swim strokes.

10071 PHED-010A-01 LAB12:00 PM-01:15 PM MW STEWART POOL  
10735 PHED-010A-02 LAB12:00 PM-01:15 PM TTh STEWART POOL  
10070 PHED-010A-03 LAB01:15 PM-02:45 PM MTWTh PREGLIASCO POOL

**PHED 10B AQUATICS: LEVEL II, INTERMEDIATE SWIMMING 1 Unit**  
3 hours laboratory. (36 total hours per quarter.)

Not Repeatable.

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 competitive swim strokes. In addition to swimming, this class also includes intermediate water safety skills and knowledge leading to safe practices while in, on or about the water.

10074 PHED-010B-01 LAB10:45 AM-12:00 PM MTWTh BISSELL POOL  
10072 PHED-010B-02 LAB01:15 PM-02:45 PM MTWTh PREGLIASCO POOL  
10073 PHED-010B-03 LAB12:00 PM-01:15 PM MW STEWART POOL  
10734 PHED-010B-04 LAB12:00 PM-01:15 PM TTh STEWART POOL  
10075 PHED-010B-09 LAB09:00 AM-01:15 PMS PREGLIASCO POOL

**PHED 10C AQUATICS LEVEL III, MASTERS SWIMMING/ADVANCED SWIM TRAINING 1 Unit**  
3 hours laboratory. (36 total hours per quarter.)

Not Repeatable.

This class is designed to teach advanced programs & concepts of swim strokes, competitive flip turns, and endurance training for competition.

10496 PHED-010C-01 LAB10:45 AM-12:00 PM MTWTh BISSELL POOL  
10945 PHED-010C-02 LAB09:00 AM-01:15 PMS PREGLIASCO POOL

**PHED 11A WATER EXERCISE 1 Unit**  
3 hours laboratory. (36 total hours per quarter.)

Not Repeatable.

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.

10076 PHED-011A-01 LAB10:45 AM-12:00 PM MTWTh BISSELL POOL  
10688 PHED-011A-02 LAB12:00 PM-01:15 PM MW STEWART POOL  
10077 PHED-011A-03 LAB09:00 AM-01:15 PMS PREGLIASCO POOL

**PHED 11B AQUATIC FITNESS 1 Unit**  
3 hours laboratory. (36 total hours per quarter.)

Not Repeatable.

An aerobic water fitness program applying the basic principles of exercise and dynamics of water movement.

10691 PHED-011B-01 LAB12:00 PM-01:15 PM TTh STEWART POOL  
● 10683 PHED-011B-04 LAB03:00 PM-04:15 PM MWF KNOPF YMCA

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**PHED 14 NUTRITIONAL ASSESSMENT & FITNESS 1 Unit**  
*Formerly: PHED 50C*  
**Advisory: Not open to students with credit in PHED 50C.**  
**3 hours laboratory. (36 total hours per quarter.)**  
**Not Repeatable.**  
 A study of nutritional concepts, body fat assessment and work-out programs for lifetime fitness.

10995 PHED-014.-01	LAB	11:45 AM-01:00 PM	MTWTh	OBURN	2506
10862 PHED-018A-0	LAB	07:00 AM-08:15 AM	MWF	WONG	2601

**PHED 18B INTERMEDIATE TAI CHI (TAIJI) 1 Unit**  
**Prerequisite: PHED 18A.**  
**3 hours laboratory. (36 total hours per quarter.)**  
**Not Repeatable.**

Intermediate Taiji focuses on the understanding and transition of body alignment in stillness to dynamic alignment during the Taijiquan form practice. This intermediate class emphasizes maintaining the body alignment during movements and through motion with natural breathing. External movements guiding the internal energy flow exercises (Hun Yuan Qigong) and a series of connected spiral movements (Silk Reeling Exercises) will be taught in this class. Their connection to mind-body awareness will also be explored. Students will learn and continue to practice the second section of Chen Style Taijiquan Lao Jia (Old Frame) first routine to facilitate the development of the body-ground connection.

10864 PHED-018B-01	LAB	07:00 AM-08:15 AM	MWTF	WONG	2601
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**PHED 19B KICKBOXING FOR FITNESS 1 Unit**  
**3 hours laboratory. (36 total hours per quarter.)**  
**Not Repeatable.**

Introduction to the basic skills and mechanics of kickboxing for fitness. Total cardiovascular workout emphasizing basic footwork, body mechanics, punching and kicking combinations and basic offensive and defensive techniques.

◆ 10078 PHED-019B-01	LAB	05:00 PM-07:05 PM	MW	CHIBA	MCPAV
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**PHED 19C INTERMEDIATE KICKBOXING FOR FITNESS 1 Unit**  
**Prerequisite: PHED 19B.**  
**3 hours laboratory. (36 total hours per quarter.)**  
**Not Repeatable.**

Intermediate kickboxing focuses on punching and kicking combination drills, with fewer breaks or interruptions, and with an increase in intensity, impact and duration. An emphasis is placed on intermediate level footwork and body mechanics to improve coordination, reaction time and balance.

◆ 10674 PHED-019C-01	LAB	05:00 PM-07:05 PM	MW	CHIBA	MCPAV
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**PHED 20A BEGINNING MAT PILATES 1 Unit**  
**3 hours laboratory. (36 total hours per quarter.)**  
**Not Repeatable.**

Beginning Pilates stresses the fundamentals and principles of the Pilates method. Traditional Mat Pilates exercises and principles are combined to achieve body control, core strength and joint mobility.

10958 PHED-020A-0	LAB	03:00 PM-04:15 PM	MTWTh	STEWART	2507
◆ 10079 PHED-020A-03	LAB	05:00 PM-07:05 PM	TTh	HUNTER	MCPAV
◆ 10081 PHED-020A-05	LAB	08:00 AM-10:05 AM	TTh	HUNTER	MCPAV
◆ 10973 PHED-020A-06	LAB	05:30 PM-06:45 PM	MTWTh	STEWART	2507

**PHED 20B INTERMEDIATE MAT PILATES 1 Unit**  
**Prerequisite: PHED 20A.**  
**3 hours laboratory. (36 total hours per quarter.)**  
**Not Repeatable.**

An intermediate level mat Pilates class focusing on fluid transitions between stretching and strengthening intermediate exercises to improve coordination, endurance, posture, flexibility and balance for a more streamlined shape. Once the foundational beginning exercises are in place, the intermediate level focuses on neutral pelvic placement and increasingly challenging series of exercises considered intermediate.

10694 PHED-020B-01	LAB	03:00 PM-04:15 PM	MTWTh	STEWART	2507
◆ 10138 PHED-020B-02	LAB	05:00 PM-07:05 PM	TTh	HUNTER	MCPAV
◆ 10139 PHED-020B-03	LAB	08:00 AM-10:05 AM	TTh	HUNTER	MCPAV

**PHED 21 FOUNDATIONS OF YOGA 1 Unit**  
**3 hours laboratory. (36 total hours per quarter.)**  
**Not Repeatable.**

Introduction to the fundamentals of yoga, including foundation principles and practices. Emphasis on the demonstration and practice of correct alignment, balance and connection for yoga poses (asanas), yogic locks, and pranayama (breathing techniques) for overall fitness and stress management.

◆ 10713 PHED-021.-01	LAB	06:00 PM-08:05 PM	TTh	VANDERHEIDEN	MCGMB
10954 PHED-021.-02	LAB	01:30 PM-02:45 PM	MTWTh	STEWART	2507

**PHED 21A BEGINNING HATHA YOGA 1 Unit**  
**3 hours laboratory. (36 total hours per quarter.)**  
**Not Repeatable.**

Principles and methods of practice in the discipline of beginning hatha yoga. Emphasis on the practice and demonstration of the beginning postures and the usage of hatha yoga for increased focus and concentration, integration of personal values and actions, and integration of mind, body and spirit.

◆ 10130 PHED-021A-01	LAB	06:00 PM-08:05 PM	TTh	VANDERHEIDEN	MCGMB
10715 PHED-021A-02	LAB	08:45 AM-10:00 AM	MTWTh	FLANNERY	2507
10957 PHED-021A-03	LAB	01:30 PM-02:45 PM	MTWTh	STEWART	2507

**PHED 21B INTERMEDIATE HATHA YOGA 1 Unit**  
**Prerequisite: PHED 21A.**  
**3 hours laboratory. (36 total hours per quarter.)**  
**Not Repeatable.**

Intermediate training in yoga, skills and techniques with independent, group, and personalized training. The emphasis is on practice of intermediate asanas (poses) and pranayama (breathing techniques) with the introduction of ujayi breath.

10717 PHED-021B-01	LAB	08:45 AM-10:00 AM	MTWTh	FLANNERY	2507
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**PHED 21C ADVANCED HATHA YOGA 1 Unit**  
**Prerequisite: PHED 21B.**  
**3 hours laboratory. (36 total hours per quarter.)**  
**Not Repeatable.**

Advanced Hatha Yoga is a combination of the traditional forms of yoga woven into one powerful all-inclusive practice. Postures are combined into a vigorous, flowing series, linking one movement to the next, building strength, flexibility, and endurance.

10860 PHED-021C-01	LAB	08:00 AM-09:15 AM	MTWTh	WHEELER	2504
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**PHED 21D VINYASA FLOW YOGA 1 Unit**  
**3 hours laboratory. (36 total hours per quarter.)**  
**Not Repeatable.**

Vinyasa yoga is a form of traditional hatha yoga that focuses on integrating breath and movement, awareness and alignment, strength, and flexibility. Vinyasa uses series of sequences of advancing difficulty with repeated closing sections between each sequence.

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<p>Each variation is linked to the next one by a succession of specific transitional movements. Likened to a dynamic dance, postures or asanas are connected through the breath for a transformative and balancing effect. The Vinyasa practice ranges from slow flowing to fast aerobic, developing strength and endurance.</p>									
10861 PHED-021D-01	LAB 08:00 AM-09:15 AM MTWTh		WHEELER	2504	10535 PHED-024A-01	LAB08:15 AM-12:30 PMS		GUSTAFSON	GOLF R
<p><b>PHED 22B PILATES &amp; YOGA</b> 1 Unit 3 hours laboratory. (36 total hours per quarter.) May be taken six times for credit. This class combines basic Pilates mat exercises to strengthen abdominals with full body yoga based stretches for development of improved posture, flexibility, and relaxation. Students must provide their own fitness mat.</p>					<p>● 10485 PHED-024A-02 LAB09:45 AM-11:50 AM TTh 10085 PHED-024A-03 LAB12:45 PM-05:00 PMS 10949 PHED-024A-04 LAB 08:30 AM-09:45 AM MTWTh 10963 PHED-024A-05 LAB05:00 PM-07:05 PM TTh</p>				
10693 PHED-022B-01	CLAS 10:15 AM-11:30 AM MTWTh		RIPP	2507	10974 PHED-024B-03	LAB12:00 PM-05:50 PMW		STROUT	MFT
<p><b>PHED 22C CORE CONDITIONING</b> 1 Unit 3 hours laboratory. (36 total hours per quarter.) Not Repeatable. A combination Pilates and Yoga class designed to improve strength, body control, and coordination. Resistance and stability equipment will be incorporated with abdominal, low back, and full body exercises. Students must provide their own fitness mat.</p>					<p>● 10673 PHED-024B-04 LAB12:00 PM-05:50 PM TTh</p>				
10701 PHED-022C-01	LAB10:15 AM-11:30 AM MTWTh		RIPP	2507	<p><b>PHED 24B BEGINNING SKILLS OF GOLF COURSE PLAY</b> 2 Units 6 hours laboratory. (72 total hours per quarter.) Not Repeatable. Introduction to beginning golf course play includes basic fundamentals of the golf swing, knowledge of rules and golf course etiquette as well as developing on course experience.</p>				
10959 PHED-022C-02	LAB05:30 PM-06:45 PM MTWTh		STEWART	2507	<p>● 10974 PHED-024B-03 LAB12:00 PM-05:50 PMW</p>				
<p><b>PHED 23A TRAIL HIKING</b> 1 Unit 3 hours laboratory. (36 total hours per quarter.) Not Repeatable. This course will provide students the opportunity to exercise in the great outdoors to gain and improve cardiovascular fitness, muscular strength and endurance through hiking at a fitness pace on the trail.</p>					<p>● 10673 PHED-024B-04 LAB12:00 PM-05:50 PM TTh</p>				
◆ 10082 PHED-023A-01	LAB12:30 PM-04:45 PMF		HUNTER	MC J5	<p><b>PHED 25A SWING ANALYSIS</b> 1 Unit 3 hours laboratory. (36 total hours per quarter.) Not Repeatable. Using Swing Solutions video technology, the student will identify and correct individual golf swing flaws and design drills to develop skills to improve golf strokes.</p>				
<p><b>PHED 23B DAY HIKING</b> 1 Unit 3 hours laboratory. (36 total hours per quarter.) Not Repeatable. A hiking class designed to prepare healthy, fit individuals for a final 8-12 mile hike on established trails over moderate to steep terrain.</p>					<p>10962 PHED-025A-01 LAB12:45 PM-05:00 PMS GUSTAFSON GOLF R</p>				
◆ 10692 PHED-023B-01	LAB12:30 PM-04:45 PMF		HUNTER	MC J5	<p><b>PHED 26 BEGINNING TENNIS SKILLS</b> 1 Unit 3 hours laboratory. (36 total hours per quarter.) Not Repeatable. Introduction to beginning tennis play including basic strokes, drills, rules and etiquette.</p>				
<p><b>PHED 24 INTRODUCTION TO GOLF</b> 1 Unit 3 hours laboratory. (36 total hours per quarter.) Not Repeatable. This course teaches the fundamentals of the golf swing, knowledge of equipment, terminology and course etiquette.</p>					<p>10089 PHED-026-.03 LAB06:00 PM-07:50 PM TTh MACIAS TCOURT 10212 PHED-026-.04 LAB10:00 AM-11:15 AM MTWTh HICKEY TCOURT</p>				
10083 PHED-024-.01	LAB08:15 AM-12:30 PMS		GUSTAFSON	GOLF R	<p><b>PHED 26A INTERMEDIATE TENNIS</b> 1 Unit 3 hours laboratory. (36 total hours per quarter.) Not Repeatable. Intermediate/advanced tennis for competitive play includes covering drills, advanced strategies, techniques and rules.</p>				
● 10084 PHED-024-.02	LAB09:45 AM-11:50 AM TTh		DURBIN	MFT	<p>10091 PHED-026A-03 LAB06:00 PM-07:50 PM TTh MACIAS TCOURT 10213 PHED-026A-04 LAB10:00 AM-11:15 AM MTWTh HICKEY TCOURT</p>				
10536 PHED-024-.03	LAB12:45 PM-05:00 PMS		GUSTAFSON	GOLF R	<p><b>PHED 27 WALK FOR HEALTH</b> 1 Unit <i>Formerly: H P 16</i> Advisory: Not open to students with credit in H P 16. 3 hours laboratory. (36 total hours per quarter.) Not Repeatable. Introduction to fitness walking. Includes basic principles of exercise and how they relate to fitness walking.</p>				
10948 PHED-024-.04	LAB 08:30 AM-09:45 AM MTWTh		EDWARDS	GOLF R	<p>10209 PHED-027-.02 LAB08:45 AM-10:00 AM MTWTh MAC NEIL TRACK</p>				
<p><b>PHED 24A SWING DEVELOPMENT FOR THE EXPERIENCED GOLFER</b> 1 Unit 3 hours laboratory. (36 total hours per quarter.) Not Repeatable. Development of golf skills for the intermediate/advanced player including grip, posture, alignment and swing fundamentals, selection of equipment, knowledge of rules, etiquette and course management.</p>					<p><b>PHED 27A RUN FOR FITNESS</b> 1 Unit Advisory: Not open to students with credit in H P 61. 3 hours laboratory. (36 total hours per quarter.) Not Repeatable. The student will gain an appreciation for all phases of running, improve cardiovascular fitness, increase flexibility, develop endurance, and gain an understanding of the physiologic responses of the body to running.</p>				
<p>10210 PHED-027A-02 LAB08:45 AM-10:00 AM MTWTh MAC NEIL TRACK 10996 PHED-027A-03 LAB06:00 PM-07:15 PM MTWTh PREGLIASCO TRACK</p>					<p>Continued on next page</p>				

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PHED 31A <i>Formerly: PHED 29</i>	FUTSAL-INDOOR SOCCER BEGINNING	1 Unit			PHED 40	BEGINNING VOLLEYBALL	1 Unit		
<p><b>Advisory: Not open to students with credit in PHED 29.</b> 3 hours laboratory. (36 total hours per quarter.) Not Repeatable.</p> <p>Indoor soccer class developing basic skills including passing, shooting, dribbling and heading. Includes game strategy, tactics, and laws of the game.</p>					<p>3 hours laboratory. (36 total hours per quarter.) Not Repeatable.</p> <p>Introduction to the game of volleyball. Includes basic skills, strategy, and team play.</p>				
◆ 11002 PHED-031A-01	LAB07:10 PM-11:25 PM W		MARQUES	MCPAV	◆ 10968 PHED-040.-01	LAB07:10 PM-11:25 PM T		STROUT	MCPAV
PHED 36A <i>Formerly: PHED 36</i>	BEGINNING ARCHERY	1 Unit			PHED 40A	INTERMEDIATE VOLLEYBALL	1 Unit		
<p><b>Advisory: Not open to students with credit in PHED 36.</b> 3 hours laboratory. (36 total hours per quarter.) Not Repeatable.</p> <p>Introduction to Olympic Archery using the recurve bow. Includes building a good basic foundation for shooting using the recurve bow through the utilization and practice of various skill development techniques.</p>					<p>Prerequisite: PHED 40. 3 hours laboratory. (36 total hours per quarter.) Not Repeatable.</p> <p>This course is designed to introduce and build upon prior knowledge of the intermediate game of volleyball. Students will learn strategies and skills that are intermediate level and promote the appreciation for this lifetime activity.</p>				
10679 PHED-036A-01	LAB09:00 AM-10:15 AM MTWTh		MACIAS	2501	◆ 10969 PHED-040A-01	LAB07:10 PM-11:25 PM T		STROUT	MCPAV
10685 PHED-036A-02	LAB10:30 AM-11:45 AM MTWTh		MACIAS	2501					
PHED 36B	INTERMEDIATE ARCHERY	1 Unit			PHED 41	INDOOR CYCLING-SPIN	1 Unit		
<p>Prerequisite: PHED 36, equivalency or instructor's permission 3 hours laboratory. (36 total hours per quarter.) Not Repeatable.</p> <p>This course builds on the basic archery course. More advanced skills will be developed through the in depth observation and understanding of the elements that produce consistency and competency in using the recurve bow. Also basic maintenance of equipment will be covered.</p>					<p>3 hours laboratory. (36 total hours per quarter.) Not Repeatable.</p> <p>An indoor cycling program to enhance cardiovascular fitness and improve cycling techniques. Emphasis will be on improving endurance through non-impact activity.</p>				
10681 PHED-036B-01	LAB09:00 AM-10:15 AM MTWTh		MACIAS	2501	● 10483 PHED-041.-01	LAB06:00 AM-07:15 AM MWF		CONSTANT	2506/SPIN
10689 PHED-036B-02	LAB10:30 AM-11:45 AM MTWTh		MACIAS	2501	● 10499 PHED-041.-02	LAB10:30 AM-11:45 AM MTWTh		FLANNERY	2506/SPIN
PHED 37	BEGINNING BADMINTON: SINGLES & DOUBLES	1 Unit			PHED 41A	CARDIO INTERVALS: HILLS & SPRINTS	1 Unit		
<p>3 hours laboratory. (36 total hours per quarter.) Not Repeatable.</p> <p>Strategy and competition for both singles and doubles in badminton play.</p>					<p>3 hours laboratory. (36 total hours per quarter.) Not Repeatable.</p> <p>Cardio interval exercise set to appropriate cadence music on an indoor bicycle with periods of aerobic and anaerobic work mixed with appropriate recovery periods.</p>				
10696 PHED-037.-01	LAB12:00 PM-01:15 PM MTWTh		LINER	2501	● 10484 PHED-041A-01	LAB06:00 AM-07:15 AM MWF		CONSTANT	2506/SPIN
◆ 10930 PHED-037.-02	LAB07:10 PM-11:25 PM Th		BAUM	MCPAV	● 10990 PHED-041A-02	LAB10:30 AM-11:45 AM MTWTh		FLANNERY	2506/SPIN
PHED 37B	ADVANCED BADMINTON: SINGLES & DOUBLES	1 Unit			PHED 45	FITNESS FOR LIFE	1 Unit		
<p>Prerequisite: PHED 37A. 3 hours laboratory. (36 total hours per quarter.) Not Repeatable.</p> <p>This course focuses on the on the strategies of singles and doubles play. This will include introduction to serving long and short, forehand smashes, drop shots, angle play, and doubles formations. There is a strong emphasis on fitness, flexibility, and nutrition. Learning on how to design a point, set and match will also be a main focus of this course.</p>					<p>3 hours laboratory. (36 total hours per quarter.) Not Repeatable.</p> <p>The course is designed to increase muscle strength, endurance and cardiovascular fitness through self paced program of use on cardio, strength and fitness machines.</p>				
◆ 10932 PHED-037B-01	LAB07:10 PM-11:25 PM Th		BAUM	MCPAV	10993 PHED-045.-01	LAB	TBA TTh	PREGLIASCO	2506
					10994 PHED-045.-02	LAB	TBA MW	OBURN	2506
					10997 PHED-045.-03	LAB	TBA MTWTh	BISSELL	2506
					10998 PHED-045.-04	LAB	TBA MTWTh	LINER	2506
PHED 38B <i>PHED 38B</i>	BASKETBALL GAME SKILLS	1 Unit			PHED 46	WEIGHT LIFTING FOR HEALTH & FITNESS	1 Unit		
<p>3 hours laboratory. (36 total hours per quarter.) Not Repeatable.</p> <p>Tournament play plus an individual emphasis on intermediate skill development and the techniques of team play.</p>					<p>3 hours laboratory. (36 total hours per quarter.) Not Repeatable.</p> <p>This course will provide training and instruction on the use of weights for lifetime fitness and health.</p>				
10225 PHED-038B-01	LAB03:00 PM-04:50 PM MWF		CRAIG	2601	◆ 10926 PHED-046.-01	LAB09:00 AM-10:15 AM TTh		O'LOUGHLIN	MCWT
					◆ 10705 PHED-046.-02	LAB08:30 AM-09:45 AM		MWF	O'LOUGHLIN
					◆ 10920 PHED-046.-03	LAB10:30 AM-11:45 AM TTh		O'LOUGHLIN	MCWT
					◆ 10940 PHED-046.-10	LAB05:30 PM-06:45 PM TTh		STROUT	MCWT
PHED 46A	CORE FLOW STRENGTH TRAINING	1 Unit							
<p>3 hours laboratory. (36 total hours per quarter.) May be taken six times for credit.</p> <p>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.</p>									

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◆ = Middlefield Campus class

✓ = Online or Hybrid class

● = Off-Campus class

Evening classes are shaded.

# SUMMER SESSIONS 2013 COURSES

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
◆ 10707 PHED-046A-01	LAB10:00 AM-11:15 AM MWF		O'LOUGHLIN	MCWT
◆ 10942 PHED-046A-10	LAB05:30 PM-06:45 PM TTh		STROUT	MCWT

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
✓ 10818 PHIL-001-01W	LEC	TBA TBA	STAFF	ONLINE

PHIL-001-01W: Offered via Internet. After registering, you must refer to course descriptions at [www.foothill.edu/tga/](http://www.foothill.edu/tga/) for information on how to begin.

**PHED 47B THIGHS, ABS & GLUTEUS (TAG)** 1 Unit  
3 hours laboratory. (36 total hours per quarter.)  
Not Repeatable.

This course is designed to strengthen thigh, abdominal and gluteus muscles in an intensive, fun and highly energized workout.

10892 PHED-047B-01	LAB06:00 AM-07:15 AM MWTh		HERRERA	2601
10390 PHED-047B-02	LAB07:00 AM-08:15 AM MTWTh		MAC NEIL	2501
10946 PHED-047B-03	LAB10:00 AM-11:15 AM MTWTh		EDWARDS	2601
10992 PHED-047B-04	LAB06:00 PM-07:15 PM MTWTh		PREGLIASCO	TRACK

**PHED 47C HIGH INTENSITY INTERVAL TRAINING (HIIT)** 1 Unit  
3 hours laboratory. (36 total hours per quarter.)  
Not Repeatable.

An intense total body workout designed to improve endurance and strengthen and define every muscle in every way using high intensity intervals. This type of training is effective way to train which takes your fitness to the next level. Students must provide their own fitness mat.

10943 PHED-047C-01	LAB12:15 PM-01:30 PM MTWTh		MAC NEIL	2601
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**PHED 49A SURVIVOR TRAINING** 1 Unit  
3 hours laboratory. (36 total hours per quarter.)  
Not Repeatable.

Designed for average group exercise participant, the class uses sports fitness drills and functional training to develop footwork, anaerobic and aerobic conditioning, muscular strength and power.

10947 PHED-049A-01	LAB10:00 AM-11:15 AM MTWTh		EDWARDS	2601
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**PHED 49B BOOT CAMP TRAINING** 1 Unit  
3 hours laboratory. (36 total hours per quarter.)  
Not Repeatable.

This course is designed for students who want a program in which group training uses functional fitness activities to develop core strength, cardiovascular conditioning and muscle strength and power.

10893 PHED-049B-01	LAB06:00 AM-07:15 AM MWTh		HERRERA	2601
10682 PHED-049B-02	LAB07:00 AM-08:15 AM MTWTh		MAC NEIL	2501
10944 PHED-049B-03	LAB12:15 PM-01:30 PM MTWTh		MAC NEIL	2601

## PHILOSOPHY

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

**PHIL 1 CRITICAL THINKING & WRITING** 5 Units  
Prerequisite: ENGL 1A.  
5 hours lecture. (60 total hours per quarter.)  
Not Repeatable.

Develops understanding of informal logic and practical reasoning skills necessary for academic success, including tools needed to analyze information from a variety of sources such as academic essays, philosophic 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.

10180 PHIL-004-01	LEC10:30 AM-12:20 PM MTWTh		TAPIA	3308
10358 PHIL-004-02	LEC08:30 AM-10:20 AM MTWTh		TAPIA	3308

**PHIL 8 ETHICS** 5 Units  
5 hours lecture. (60 total hours per quarter.)  
Not Repeatable.

Analysis and application of competing conceptions of the good. Course focuses on ethical theory (utilitarianism, duty-oriented ethics, virtue ethics, egoism, relativism etc.) and various topics in applied ethics.

✓ 10511 PHIL-008-01W	LEC	TBA TBA	STAFF	ONLINE
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PHIL-008-01W: Offered via Internet. After registering, you must refer to course descriptions at [www.foothill.edu/tga/](http://www.foothill.edu/tga/) for information on how to begin.

✓ 10821 PHIL-008-02W	LEC	TBA TBA	HOEKENGA	ONLINE
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PHIL-008-02W: Offered via Internet. After registering, you must refer to course descriptions at [www.foothill.edu/tga/](http://www.foothill.edu/tga/) for information on how to begin.

**PHIL 25 COMPARATIVE WORLD RELIGIONS: WEST** 4 Units  
4 hours lecture. (48 total hours per quarter.)  
Not Repeatable.

Explores 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.

✓ 10360 PHIL-025-02W	LEC	TBA TBA	PROVOST	ONLINE
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PHIL-025-02W: Offered via Internet. After registering, you must refer to course descriptions at [www.foothill.edu/tga/](http://www.foothill.edu/tga/) for information on how to begin.

✓ 10361 PHIL-025-03W	LEC	TBA TBA	PROVOST	ONLINE
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PHIL-025-03W: Offered via Internet. After registering, you must refer to course descriptions at [www.foothill.edu/tga/](http://www.foothill.edu/tga/) for information on how to begin.

## PHOTOGRAPHY

Fine Arts & Communication (650) 949-7318 [www.foothill.edu/fa/photo](http://www.foothill.edu/fa/photo)

Classes meet six weeks unless otherwise indicated.

**PHOT 4A DIGITAL PHOTOGRAPHY I** 4 Units  
Formerly: PHOT 65A

Advisory: PHOT 1, 5 or equivalent; not open to students with credit in PHOT 65A.  
2 hours lecture, 3 hours lecture-laboratory, 1.5 hours laboratory. (78 total hours per quarter.)  
Not Repeatable.

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.

✓ 10733 PHOT-004A-01W	LAB	TBA TBA	HERMAN	ONLINE
✓	LAB	TBA TBA	HERMAN	ONLINE
✓	LEC	TBA TBA	HERMAN	ONLINE

**PHOT 5 INTRODUCTION TO PHOTOGRAPHY** 4 Units  
3 hours lecture, 2 hours lecture-laboratory. (60 total hours per quarter.)  
Not Repeatable.

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# SUMMER SESSIONS 2013 COURSES

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
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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 developing an appreciation of the varied uses of the photographic image in our culture.

✓ 10365	PHOT-005-.01W	LAB	TBA TBA	LEE	ONLINE
✓		LEC	TBA TBA	LEE	ONLINE

PHOT-005-.01W: Offered via Internet. After registering, you must refer to course descriptions at [www.foothill.edu/tga/](http://www.foothill.edu/tga/) for information on how to begin.

## 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.

✓ 10109	PHOT-008-.01W	LAB	TBA TBA	HERMAN	ONLINE
✓		LEC	TBA TBA	HERMAN	ONLINE

PHOT-008.01W: Offered via Internet. After registering, you must refer to course descriptions at [www.foothill.edu/tga/](http://www.foothill.edu/tga/) for information on how to begin. UC and CSU transferable. Approved for CSU GE and UC/CSU IGETC (Arts & Humanities or Social Science), Foothill GE (Humanities and American Cultures), UC and USC American Cultures/Diversity Requirements, UC Berkeley's American Cultures requirement.

## PHOT 10 HISTORY OF PHOTOGRAPHY 4 Units

**Advisory:** PHOT 1 or equivalent; not open to students with credit in PHOT 10H.  
3 hours lecture, 3 hours laboratory. (72 total hours per quarter.)  
Not Repeatable.

The history of still photography from the earliest investigations of the camera obscura to late 20th Century electronic imaging. Emphasis on the role of photographs as a social and cultural force and on our artistic heritage of camera work.

✓ 10884	PHOT-010-.01W	LAB	TBA TBA	LEE	ONLINE
✓		LEC	TBA TBA	LEE	ONLINE

## PHOT 72 LIGHTROOM & PHOTOGRAPHIC DESIGN 4 Units

**Advisory:** PHOT 1 or 5 or equivalent experience.  
3 hours lecture, 3 hours laboratory. (72 total hours per quarter.)  
Not Repeatable.

Develop intermediate photographic skills with the use of Adobe Photoshop Lightroom and photographic design techniques. Evaluate and utilize current methods of workflow including archiving, file management, development, image publishing, beginning color management and printing. Build skills in composition, design, project editing and visual communication. Utilize design principles to create images that communicate effectively.

✓ 10732	PHOT-072-.01W	LAB	TBA TBA	JORDAHL	ONLINE
✓		LEC	TBA TBA	JORDAHL	ONLINE

## PHYSICS

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

## PHYS 2A GENERAL PHYSICS 5 Units

**Prerequisite:** MATH 48C or higher placement on the Foothill College Placement Exam.  
4 hours lecture, 1 hour lecture-laboratory, 2 hours laboratory. (84 total hours per quarter.)  
Not Repeatable.  
Lectures, demonstrations, and problems in mechanics; properties of matter.

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
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10110	PHYS-002A-01	L-L07:30 AM-08:20 AM MW	STAFF	4716
		LEC10:30 AM-12:20 PM MTWTh	STAFF	3404
		LAB08:20 AM-10:10 AM MW	STAFF	4716

PHYS-002A-01: Additional costs for online materials or content in place of or in addition to a textbook may be required.

10214	PHYS-002A-02	L-L07:30 AM-08:20 AM TTh	STAFF	4714
		LEC10:30 AM-12:20 PM MTWTh	STAFF	3404
		LAB08:30 AM-10:15 AM TTh	STAFF	4714

PHYS-002A-02: Additional costs for online materials or content in place of or in addition to a textbook may be required.

## 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 thermal physics; electricity and magnetism.

10420	PHYS-002B-01	LEC07:30 AM-09:20 AM MTWTh	STAFF	3204
		LAB10:30 AM-12:20 PM MW	STAFF	4714
		L-L09:30 AM-10:20 AM MW	STAFF	4714

PHYS-002B-01: Additional costs for online materials or content in place of or in addition to a textbook may be required.

## PHYS 4A GENERAL PHYSICS (CALCULUS) 6 Units

**Prerequisites:** 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.

10111	PHYS-004A-01	LAB11:30 AM-01:25 PM MW	STAFF	4715
		L-L10:30 AM-11:20 AM MW	STAFF	4715
		LEC08:00 AM-10:15 AM MTWTh	STAFF	4310

PHYS-004A-01: Additional costs for online materials or content in place of or in addition to a textbook may be required.

10112	PHYS-004A-02	LAB12:30 PM-01:25 PM TTh	STAFF	4715
		LEC08:00 AM-10:15 AM MTWTh	STAFF	4606
		L-L10:30 AM-12:20 PM TTh	STAFF	4715

PHYS-004A-02: Additional costs for online materials or content in place of or in addition to a textbook may be required.

## PHYS 4B GENERAL PHYSICS (CALCULUS) 6 Units

**Prerequisites:** 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.

10113	PHYS-004B-01	LEC10:30 AM-12:45 PM MTWTh	STAFF	5502
		LAB08:30 AM-10:20 AM TTh	STAFF	4715
		L-L07:30 AM-08:20 AM TTh	STAFF	4715

PHYS-004B-01: Additional costs for online materials or content in place of or in addition to a textbook may be required.

## PHYS 4C GENERAL PHYSICS (CALCULUS) 6 Units

**Prerequisites:** PHYS 4B or 5A, 5B and 5C.  
**Corequisite:** Completion of or concurrent enrollment in MATH 1D.  
5 hours lecture, 1 hour lecture-laboratory, 2 hours laboratory. (96 total hours per quarter.)  
Not Repeatable.  
Thermodynamics; mechanical, acoustical, and electromagnetic waves; optics.

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# SUMMER SESSIONS 2013 COURSES

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
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10114 PHYS-004C-01 LAB10:30 AM-12:20 PM TTh STAFF TBA  
L-L12:20 PM-01:20 PM TTh STAFF TBA  
LEC08:00 AM-10:20 AM MTWTh STAFF 5501

PHYS-004C-01: Additional costs for online materials or content in place of or in addition to a textbook may be required.

**PHYS 6 INTRODUCTORY PHYSICS 5 Units**  
Prerequisites: 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.

✓ 10856 PHYS-006-.01W LEC TBA TBA WANG ONLINE

## POLITICAL SCIENCE

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

**POLI 1 POLITICAL SCIENCE: INTRODUCTION TO AMERICAN GOVERNMENT & POLITICS 5 Units**

Advisory: Eligibility for ENGL 1A or ESLL 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 judiciary branches, protest and protest movements, Civil Rights Acts of 1964 and 1991.

✓ 10347 POLI-001-.01W LEC TBA TBA WOOLCOCK ONLINE  
POLI-001-.01W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.

✓ 10348 POLI-001-.02W LEC TBA TBA HEISER ONLINE  
POLI-001-.02W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.

✓ 10349 POLI-001-.03W LEC TBA TBA HEISER ONLINE  
POLI-001-.03W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.

10812 POLI-001-.04 LEC10:30 AM-12:45 PM MTWTh ARMITAGE 3203

✓ 10350 POLI-001-.06W LEC TBA TBA WOOLCOCK ONLINE  
POLI-001-.06W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.

✓ 10351 POLI-001-.07W LEC TBA TBA ARMITAGE ONLINE  
POLI-001-.07W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.

## PSYCHOLOGY

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

For more information about the online psychology degree, visit www.foothill.edu/fga/8203;global&#8203;access.org/main/aa\_psychology.htm.

**PSYC 1 GENERAL PSYCHOLOGY 5 Units**

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

An exploration of the major perspectives, concepts, and theories in psychology and the factors that influence human behavior. Topics include: Research methodology, biological

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
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psychology, perception, sleep and dreaming, learning, cognitive processes, developmental psychology, motivation and emotion, sexuality and gender, stress and health, social psychology, theories of personality, psychological disorders, and psychological therapies.

✓ 10265 PSYC-001-.01W LEC TBA TBA STEFONIK ONLINE

✓ 10115 PSYC-001-.02W LEC TBA TBA LIN ONLINE  
PSYC-001-.02W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.

✓ 10116 PSYC-001-.03W LEC TBA TBA LIN ONLINE  
PSYC-001-.03W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.

✓ 10117 PSYC-001-.04W LEC TBA TBA MELUCCI ONLINE  
PSYC-001-.04W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.

✓ 10266 PSYC-001-.05W LEC TBA TBA STEFONIK ONLINE  
PSYC-001-.05W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.

✓ 10118 PSYC-001-.06W LEC TBA TBA HORAN ONLINE  
PSYC-001-.06W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.

● 10277 PSYC-001-.07Y LEC12:30 PM-02:20 PM MTTh STAFF ECPS  
LEC TBA TBA STAFF ONLINE  
PSYC-001-.07Y: Eastside College Preparatory School

✓ 10270 PSYC-001-.08W LEC TBA TBA TUTTLE ONLINE  
PSYC-001-.08W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.

✓ 10271 PSYC-001-.09W LEC TBA TBA PILATI CORSELLI ONLINE  
PSYC-001-.09W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.

✓ 10838 PSYC-001-.10W LEC TBA TBA GOLDBERG ONLINE  
PSYC-001-.10W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.

✓ 10444 PSYC-001-.11W LEC TBA TBA TUTTLE ONLINE  
PSYC-001-.11W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.

10839 PSYC-001-.12 LEC10:30 AM-12:45 PM MTWTh GOLDBERG 3402

**PSYC 4 INTRODUCTION TO BIOPSYCHOLOGY 4 Units**

Advisory: PSYC 1.

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

Not Repeatable.

Examines 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.

✓ 10119 PSYC-004-.01W LEC TBA TBA MELUCCI ONLINE  
PSYC-004-.01W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.

**PSYC 14 CHILD & ADOLESCENT DEVELOPMENT 4 Units**

Advisory: College-level reading and writing ability.

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

Not Repeatable.

Survey of human development from conception through adolescence. Emphasis on the biological, cognitive, social, and emotional changes during development. Discussion of historical and contemporary research, and theoretical perspectives pertaining to children and adolescents.

✓ 10837 PSYC-014-.01W LEC TBA TBA PAULOS ONLINE  
PSYC-014-.01W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.

**PSYC 25 INTRODUCTION TO ABNORMAL PSYCHOLOGY 4 Units**

Advisory: College-level reading and writing ability.

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

Not Repeatable.

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# SUMMER SESSIONS 2013 COURSES

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
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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.

- ✓ 10120 PSYC-025.-01W LEC TBA TBA HORAN ONLINE  
PSYC-025.-01W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.
- ✓ 10402 PSYC-025.-02W LEC TBA TBA OLIVEIRA ONLINE  
PSYC-025.-02W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.
- ✓ 10403 PSYC-025.-03W LEC TBA TBA OLIVEIRA ONLINE

**PSYC 30 SOCIAL PSYCHOLOGY 4 Units**  
**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.

- ✓ 10121 PSYC-030.-01W LEC TBA TBA CORMIER ONLINE  
PSYC-030.-01W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.
- ✓ 10267 PSYC-030.-02W LEC TBA TBA CORMIER ONLINE  
PSYC-030.-02W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.

**PSYC 40 HUMAN DEVELOPMENT 5 Units**  
**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, emphasize 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.

- ✓ 10268 PSYC-040.-01W LEC TBA TBA VILLANUEVA ONLINE  
PSYC-040.-01W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.
- ✓ 10269 PSYC-040.-02W LEC TBA TBA VILLANUEVA ONLINE  
PSYC-040.-02W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.
- ✓ 10272 PSYC-040.-03W LEC TBA TBA MENAGER ONLINE  
PSYC-040.-03W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.
- ✓ 10273 PSYC-040.-04W LEC TBA TBA PAULOS ONLINE  
PSYC-040.-04W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.
- ✓ 10545 PSYC-040.-05W LEC TBA TBA PILATI CORSELLI ONLINE

**PSYC 49 HUMAN SEXUALITY 4 Units**  
**4 hours lecture. (48 total hours per quarter.)**

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
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**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.

- ✓ 10122 PSYC-049.-01W LEC TBA TBA GERRY ONLINE  
PSYC-049.-01W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.

**PSYC 55 PSYCHOLOGY OF SPORTS 4 Units**  
**4 hours lecture. (48 total hours per quarter.)**  
**Not Repeatable.**

Current theoretical perspectives in sports psychology, applications of theories and techniques of optimal performance, and experiential exercises related to psychological factors that affect performance in sports, and in life. Topics include: Goal setting, motivation, neuropsychology, physiology, stress vs. relaxation (arousal regulation), commitment, peak potential, focus/concentration, confidence, visualization, and hypnosis.

- ✓ 10123 PSYC-055.-01W LEC TBA TBA GERRY ONLINE  
PSYC-055.-01W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.

## RADIOLOGIC TECHNOLOGY

Biological & Health Sciences (650) 949-7538 [www.foothill.edu/bio/programs/radtech/](http://www.foothill.edu/bio/programs/radtech/)

There is a selective admission process to enroll in these classes. For an application, call (650) 949-7249.

**R T 50 ORIENTATION TO RADIATION SCIENCE TECHNOLOGIES 2 Units**

**Prerequisites: BIOL 40A, 40B and 40C or equivalent; admission to Radiologic Technology Program.**  
**2 hours lecture. (24 total hours per quarter.)**  
**Not Repeatable.**

Overview of Radiologic Technology as a career. Radiographic terminology, positioning for abdomen, vital sign assessment, introduction to x-ray protection and production, radiographic image formation, patient care, basic computer operation and Internet application. Overview of program structure and student services. Intended for students accepted into the Radiologic Technology Program.

10742 R T -050.-01 LEC08:00 AM-10:50 AMMTWTh KEY 8403  
 R T -050.-01: Class meets 8/19-8/29.

**R T 53 ORIENTATION TO RADIOLOGIC TECHNOLOGY 1 Unit**

**Prerequisite: Admission to Radiologic Technology Program.**  
**4 hours clinical laboratory. (48 total hours per quarter.)**  
**Not Repeatable.**

Orientation to radiation sciences, with emphasis on clinical participation. Intended for students accepted into the Radiologic Technology Program.

- 10743 R T -053.-01 LAB TBA MTWTh KEY HOSP  
 R T -053.-01: Class meets 9/3-9/12.

**R T 53D APPLIED RADIOLOGIC TECHNOLOGY IV 5.5 Units**  
**Prerequisites: R T 53C.**  
**27 hours clinical laboratory. (324 total hours per quarter.)**  
**Not Repeatable.**

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Unless otherwise noted, summer sessions run June 10–July 21 & July 1-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 19, 2013. Be aware that course listing and footnote information may have changed. For the most accurate, current course listings, always access the online class schedule.

# SUMMER SESSIONS 2013 COURSES

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
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This course is the fourth in a series of four sequential courses that includes clinical participation and application of basic positioning, patient care, equipment manipulation, radiation protection and image analysis. Emphasis is placed on Pediatric Radiography, Venipuncture and Fluoroscopy. A clinical presentation is also required with the emphasis on pathology. Intended for students admitted into the Radiologic Technology Program.

● 10744 R T -053D-01	LAB 08:00 AM-04:05 PM	MTThF	WHEELER	HOSP
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*R T -053D-01: Class meets 10 weeks, 7/8-9/13.*

## R T 64 FLUOROSCOPY 4 Units

**Prerequisite:** R T 52C or current certification in Radiologic Technology or Radiation Therapy Technology.

**3.34 hours lecture, 1.25 hours laboratory. (55.08 total hours per quarter.)  
Not Repeatable.**

The fluoroscopy course includes the principles of radiation protection and fluoroscopic equipment, application of special equipment, illumination and photometry, anatomy and physiology of the eye and relationship of internal organs. Intended for students admitted into the Radiologic Technology Program.

10745 R T -064.-01	LAB01:00 PM-02:45 PM W LEC08:00 AM-12:50 PM W		WHEELER WHEELER	5210 5210
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*R T -064.-01: Class meets Wednesdays, 7/10-8/28.*

## R T 72 VENIPUNCTURE 1.5 Units

**Prerequisites:** R T 51C or current Certification in Radiologic Technology; current Health Care Provider CPR card.

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

Principles and practices of intravenous injection. Includes theory, demonstration and application of venipuncture equipment and solutions, puncture techniques, complications, and post-puncture care. Meets state of California qualifications for didactic certification in venipuncture for radiologic technologists. Intended for students accepted into the Radiologic Technology Program and/or currently certified Radiologic Technologists.

10746 R T -072.-01	LEC03:30 PM-04:45 PM W LAB04:50 PM-07:50 PM W		CAMPBELL CAMPBELL	5210 5210
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*R T -072.-01: Class meets Wednesdays, 7/10-8/28.*

## R T 200L RADIOLOGIC TECHNOLOGY AS A CAREER 1 Unit

**2 hours lecture-laboratory. (24 total hours per quarter.)**

**Not Repeatable.**

Introduction to the radiological sciences and its role in health care. Focus on the use of ionizing radiation in the diagnosis and treatment of disease and on the health professionals responsible for providing this medical specialty. Discussion of requirements for the Radiologic Technology Program. (Six hours hospital observation included).

10184 R T -200L-51	L-L12:00 PM-03:50 PM T		WHEELER	5210
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*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.*

## RESPIRATORY THERAPY

Biological & Health Sciences (650) 949-7538 [www.foothill.edu/bio/programs/respther/](http://www.foothill.edu/bio/programs/respther/)

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

## RSPT 55D MEDIATED STUDIES IN RESPIRATORY THERAPY IV .5 Units

**Prerequisite:** Admission to the Respiratory Therapy Program.

**Advisory:** This course is intended for students accepted and enrolled in the Respiratory Therapy Program.

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
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**2 hours laboratory. (24 total hours per quarter.)**

**Not Repeatable.**

Fourth in a series of seven Media instruction and evaluation in topics paralleling content in courses in the Respiratory Therapy program. Content to include Invasive and Non-invasive ventilation strategies and management, Arterial Blood Gases, and Innovative Approaches to the Management of ARDS. The goal of this course is to develop and strengthen concepts taught in the concurrent lecture and laboratory sessions of the Respiratory Therapy program. This course is intended for students currently accepted and enrolled in the Respiratory Therapy Program.

10315 RSPT-055D-01	LAB	TBA TBA	HANNING	5307
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## RSPT 61A ADULT MECHANICAL VENTILATION 4 Units

**Prerequisites:** RSPT 50C and 51C.

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

**Not Repeatable.**

This course is intended to help students develop and enhance the concepts and skills essential to meet the needs of patients placed on invasive and non-invasive ventilation. Overview of modes of ventilation, humidification and medication delivery. Includes laboratory exercises of commonly used ventilators and patient-ventilator simulations. For continuing education purposes, new ventilators and state-of-the-art theories on ventilation will be presented based upon current research. Intended for students enrolled in the Respiratory Therapy Program.

10163 RSPT-061A-01	L-L09:00 AM-02:50 PM T LEC09:00 AM-02:50 PM M		HANNING HANNING	5307 5307
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*RSPT-061A-01: Lab is 6 weeks. Schedule may vary. Contact Director, HanningBrenda@foothill.edu.*

10164 RSPT-061A-02	L-L09:00 AM-02:50 PM F LEC09:00 AM-02:50 PM M		HANNING HANNING	5307 5210
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## RSPT 200L INTRODUCTION TO RESPIRATORY THERAPY 1 Unit

**Prerequisite:** Admission to the Respiratory Therapy Program.

**Advisory:** Students are not required to have been admitted to the Respiratory Therapy Program.

**2 hours lecture-laboratory. (24 total hours per quarter.)**

**Not Repeatable.**

Introduction to the career of respiratory therapy. Role of the respiratory therapist, areas of specialization in the field, educational requirements and future outlook. Clinical tasks and skills will also be introduced.

10257 RSPT-200L-01	LEC04:00 PM-05:50 PM W LAB09:00 AM-10:50 AM S		HANNING HANNING	5307 5307
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*RSPT-200L-01: EARLY SUMMER session. Open to all students. The FIRST class meets Wednesday 6/13, 4:00-5:50pm.*

## SOCIOLOGY

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

See also WomenCfUs 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](http://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.

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# SUMMER SESSIONS 2013 COURSES

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
10178 SOC -001-.01	LEC08:00 AM-10:15 AM	MTWTh	FOX	3305
✓ 10290 SOC -001-.02W	LEC	TBA TBA	LOGG	ONLINE
<i>SOC -001-.02W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/tga/ for information on how to begin.</i>				
✓ 10296 SOC -001-.03W	LEC	TBA TBA	GIBBS STAYTE	ONLINE
<i>SOC -001-.03W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/tga/ for information on how to begin.</i>				
✓ 10297 SOC -001-.04W	LEC	TBA TBA	GIBBS STAYTE	ONLINE

## 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.

✓ 10298 SOC -010-.01W	LAB	TBA TBA	BAUERMEISTER	ONLINE
✓	LEC	TBA TBA	BAUERMEISTER	ONLINE

*SOC -010-.01W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/tga/ for information on how to begin.*

## 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.

✓ 10292 SOC -011-.01W	LEC	TBA TBA	MARTIN	ONLINE
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*SOC -011-.01W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/tga/ for information on how to begin.*

## SOC 14 SOCIOLOGY OF CRIME 4 Units

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

**Not Repeatable.**

Examines the social context of crime and deviance. Topics may include theories of crime and deviance; the criminal justice system; white collar, organized, and street crime; social class, race, ethnicity, sex, gender, and crime; and legal implications of crime and deviance. Socioeconomic and multicultural issues emphasized throughout the course. Sociological concepts of deviance and social control. Theories of structural conditions contributing to conformity and non-conformity will be explored.

10841 SOC -014-.01	LEC10:30 AM-12:20 PM	MTWTh	FOX	3305
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## 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.

✓ 10293 SOC -015-.01W	LEC	TBA TBA	ROBERTS	ONLINE
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*SOC -015-.01W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/tga/ for information on how to begin.*

## 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.

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
✓ 10124 SOC -019-.01W	LEC	TBA TBA	CORMIER	ONLINE

*SOC -019-.01W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/tga/ for information on how to begin.*

## 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.

✓ 10299 SOC -020-.01W	LEC	TBA TBA	LOGG	ONLINE
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*SOC -020-.01W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/tga/ for information on how to begin.*

## 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 ethnic relations on USA's economic, political and educational institutions. Relationship among race, ethnicity and poverty.

✓ 10295 SOC -023-.01W	LEC	TBA TBA	SANLI VASQUEZ	ONLINE
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*SOC -023-.01W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/tga/ for information on how to begin.*

## SOC 28 SOCIOLOGY OF GENDER 4 Units

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

**Not Repeatable.**

This course applies sociological theories, concepts and perspectives to an understanding of gender. It focuses on how individuals think and act as gendered beings and how gender becomes an organizing principle in social life. Topics include the social construction of gender, theories of gender socialization, femininities and masculinities, gendered interactions and doing gender, how race, class, nation and sexuality shapes gender, and gender inequality within social institutions, including politics, the economy, family, religion, education and health care.

✓ 10843 SOC -028-.01W	LEC	TBA TBA	STAFF	ONLINE
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## SOC 30 SOCIAL PSYCHOLOGY 4 Units

**Advisory:** College-level reading and writing ability; not open to students with credit in PSYC 30.

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.

✓ 10125 SOC -030-.01W	LEC	TBA TBA	CORMIER	ONLINE
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*SOC -030-.01W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/tga/ for information on how to begin.*

✓ 10433 SOC -030-.02W	LEC	TBA TBA	CORMIER	ONLINE
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*SOC -030-.02W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/tga/ for information on how to begin.*

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# SUMMER SESSIONS 2013 COURSES

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
<b>SOC 40</b>	<b>ASPECTS OF MARRIAGE &amp; FAMILY</b>	<b>4 Units</b>		
<b>4 hours lecture. (48 total hours per quarter.)</b> <b>Not Repeatable.</b> 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.				
✓ 10300	SOC-040-01W LEC	TBA TBA	ROBERTS	ONLINE
<i>SOC-040-01W: Offered via Internet. After registering, you must refer to course descriptions at <a href="http://www.foothill.edu/tga/">www.foothill.edu/tga/</a> for information on how to begin.</i>				

## SOCIAL SCIENCE

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

For more information about the online general studies/social science degree, access [www.foothillglobalaccess.org/main/onlinesocsci.htm](http://www.foothillglobalaccess.org/main/onlinesocsci.htm)

<b>SOSC 79</b>	<b>INTRODUCTION TO COMMUNITY SERVICE</b>	<b>1 Unit</b>		
<b>3 hours laboratory. (36 total hours per quarter.)</b> <b>Not Repeatable.</b> Introduction to theories and methods of effective volunteer participation in community service, including assessing community needs, role of the volunteer, relationship with public agencies.				
10555	SOSC-079-01 LAB	TBA TBA	SMALL	TBA
<i>SOSC-079-01: Mandatory course orientation Monday, July 9 1:00 pm room 2018.</i>				

*SOSC-079-01: Mandatory course orientation Monday, July 9 1:00 pm room 2018.*

Contact instructor [smalldaphne@fhda.edu](mailto:smalldaphne@fhda.edu) for information.

## SPANISH

Language Arts (650) 949-7131 [www.foothill.edu/la/](http://www.foothill.edu/la/)  
(650) 949-7250

<b>SPAN 1</b>	<b>ELEMENTARY SPANISH I</b>	<b>5 Units</b>		
<b>Advisory: Student may enroll in SPAN 1 or SPAN 1T, but not both, for credit.</b> <b>5 hours lecture. (60 total hours per quarter.)</b> <b>Not Repeatable.</b> 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.				
10330	SPAN-001-01 LEC06:00 PM-09:05 PMTWTTh		COFFIN	6507
<i>SPAN-001-01: This will be offered 6/10-7/20/13.</i>				
◆ 10615	SPAN-001-21 LEC08:00 AM-02:00 PMMTWThF		COFFIN	MC J7
<i>SPAN-001-21: This will be offered 7/1-7/12/13.</i>				

*SPAN-001-01: This will be offered 6/10-7/20/13.*

◆ 10615 SPAN-001-21 LEC08:00 AM-02:00 PMMTWThF COFFIN MC J7  
*SPAN-001-21: This will be offered 7/1-7/12/13.*

<b>SPAN 2</b>	<b>ELEMENTARY SPANISH II</b>	<b>5 Units</b>		
<b>Prerequisite: SPAN 1 or one year of high school Spanish.</b> <b>5 hours lecture. (60 total hours per quarter.)</b> <b>Not Repeatable.</b> Further development and practice of elementary speaking, listening, reading and writing skills in everyday language function, 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.				
10610	SPAN-002-01 LEC06:00 PM-09:05 PMTWTTh		MORENO	6708
<i>SPAN-002-01: This will be offered 6/10-7/20/13.</i>				
◆ 10616	SPAN-002-21 LEC08:00 AM-02:00 PMMTWThF		CRESPO-MARTIN	MC J7
<i>SPAN-002-21: This will be offered 7/15-7/26/13.</i>				

*SPAN-002-01: This will be offered 6/10-7/20/13.*

◆ 10616 SPAN-002-21 LEC08:00 AM-02:00 PMMTWThF CRESPO-MARTIN MC J7  
*SPAN-002-21: This will be offered 7/15-7/26/13.*

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
<b>SPAN 3</b>	<b>ELEMENTARY SPANISH III</b>	<b>5 Units</b>		
<b>Prerequisite: SPAN 2 or two years of high school Spanish.</b> <b>5 hours lecture. (60 total hours per quarter.)</b> <b>Not Repeatable.</b> 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.				
◆ 10617	SPAN-003-21 LEC08:00 AM-02:00 PMMTWThF		BLANDINO	MC J7
<i>SPAN-003-21: This will be offered 7/29-8/8/13.</i>				

## THEATRE ARTS

Fine Arts & Communication

(650) 949-7262

<b>THTR 1</b>	<b>INTRODUCTION TO THEATRE</b>	<b>4 Units</b>		
<b>Advisory: Not open to students with credit in DRAM 1.</b> <b>4 hours lecture. (48 total hours per quarter.)</b> <b>Not Repeatable.</b> Live performance in an electronic age - an overview of the status of live theatre including its historical, cultural and spiritual roots. This course focuses on the relationship of theatre to various cultures throughout history, and on the contributions of significant individual artists. This course introduces students to elements of the production process including playwriting, acting, directing, design, and criticism. Students will also survey different periods, styles and genres of theatre through play reading, discussion, films and viewing and critiquing live theatre, including required attendance of theatre productions.				
✓ 10825	THTR-001-01W LEC	TBA TBA	MC LEOD	ONLINE
<i>THTR-001-01W: Offered via Internet. After registering, you must refer to course descriptions at <a href="http://www.foothill.edu/tga/">www.foothill.edu/tga/</a> for information on how to begin.</i>				

✓ 10825 THTR-001-01W LEC TBA TBA MC LEOD ONLINE  
*THTR-001-01W: Offered via Internet. After registering, you must refer to course descriptions at [www.foothill.edu/tga/](http://www.foothill.edu/tga/) for information on how to begin.*

<b>THTR 20A</b>	<b>ACTING I</b>	<b>4 Units</b>		
<b>3 hours lecture, 2 hours lecture-laboratory. (60 total hours per quarter.)</b> <b>Not Repeatable.</b> 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.				
10152	THTR-020A-01 LEC10:30 AM-01:35 PMTTh		CAREY	8002
	LAB01:45 PM-03:35 PMTTh		CAREY	8002

10152 THTR-020A-01 LEC10:30 AM-01:35 PMTTh CAREY 8002  
LAB01:45 PM-03:35 PMTTh CAREY 8002

<b>THTR 20B</b>	<b>ACTING II</b>	<b>4 Units</b>		
<b>Prerequisite: THTR 20A.</b> <b>Advisory: Not open to students with credit in DRAM 20B.</b> <b>3 hours lecture, 2 hours lecture-laboratory. (60 total hours per quarter.)</b> <b>Not Repeatable.</b>				

Further development of concepts introduced in THTR 20A, with emphasis to expanding the students' performance potential through probing greater depths of character analysis and text interpretation.

10153	THTR-020B-01Q LAB01:40 PM-03:30 PMTTh		CAREY	8002
	LEC10:30 AM-01:20 PMTTh		CAREY	8002

<b>THTR 20C</b>	<b>ACTING III</b>	<b>4 Units</b>		
<b>Prerequisite: THTR 20A.</b> <b>Advisory: THTR 20B or equivalent highly recommended; not open to students with credit in DRAM 20C.</b> <b>3 hours lecture, 2 hours lecture-laboratory. (60 total hours per quarter.)</b> <b>Not Repeatable.</b>				

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# SUMMER SESSIONS 2013 COURSES

Course Number CRN	Course ID	Title Activity	Units Time Days	Instructor	Location
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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 genres.

10196	THTR-020C-01Q	LAB01:40 PM-03:30 PMTTh LEC10:30 AM-01:20 PMTTh		CAREY CAREY	8002 8002
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## VETERINARY TECHNOLOGY

**Biological & Health Sciences (650) 949-7538** [www.foothill.edu/bio/programs/vettech/](http://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](http://www.foothill.edu/bio/programs/vettech). Selective admission process does not apply to the Veterinary Assistant Certificate courses (VT 52A, 52B, 88A, 88B).

**V T 52A VETERINARY ASSISTING I 5 Units**  
5 hours lecture. (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 V T 52B and V T 88A & V T 88B Clinical Preceptorships to earn a Veterinary Assisting Program Certificate of Completion.

✓ 10126 V T -052A-01W LEC TBA TBA DEPAOLO ONLINE  
V T -052A-01W: EARLY SUMMER Online class 6/10-7/20/13. Offered via Internet. After registering, you must go to [www.foothill.edu/fga/](http://www.foothill.edu/fga/) for textbook and login information on how to begin.

**V T 52B VETERINARY ASSISTING II 5 Units**  
Prerequisite: V T 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 V T 52A and V T 88A & V T 88B Clinical Preceptorships to earn a Veterinary Assisting Program Certificate of Completion.

✓ 10740 V T -052B-01W LEC TBA TBA DEPAOLO ONLINE  
V T -052B-01W: Online class 7/22-8/30. Offered via Internet. After registering, you must go to [www.foothill.edu/fga/](http://www.foothill.edu/fga/) for textbook and login information on how to begin.

**V T 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.

Course Number CRN	Course ID	Title Activity	Units Time Days	Instructor	Location
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● 10236 V T -053E-01 LEC TBA TBA PETER HDNVLA  
● L-L TBA TBA PETER HDNVLA  
V T -053E-01: Enrollment limited to Hidden Villa student-interns. Non-HV students will be dropped.

**V T 75D ANIMAL CARE SKILLS IV 1 Unit**

Prerequisite: V T 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.

10198 V T -075D-01 LAB TBA TBA GREGORY 8507  
V T -075D-01: Requires admission to Vet Tech program. Meets 12 weeks, 7/2-9/21.

**V T 88A CLINICAL PRECEPTORSHIP I 1.5 Units**

Corequisite: V T 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 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.

✓ 10128 V T -088A-01W LAB TBA TBA DEPAOLO ONLINE  
V T 088A01W: EARLY SUMMER Online class 6/10-7/20/13. Offered via Internet. After registering, you must refer to course descriptions at [www.foothill.edu/fga/](http://www.foothill.edu/fga/) for textbook and login information on how to begin.

**V T 88B CLINICAL PRECEPTORSHIP II 1.5 Units**

Corequisite: V T 52B  
7.5 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.

✓ 10741 V T -088B-01W LAB TBA TBA DEPAOLO ONLINE  
V T 088B01W: Online class 7/22-8/30. Offered via Internet. After registering, you must refer to course descriptions at [www.foothill.edu/fga/](http://www.foothill.edu/fga/) for textbook and login information on how to begin.

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# SUMMER SESSIONS 2013 COURSES

Course Number CRN	Title Course ID	Units Activity	Time Days	Instructor	Location
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## VIDEO ARTS

Fine Arts & Communication (650) 949-7262 [www.foothill.edu/fa/](http://www.foothill.edu/fa/)

Classes meet six weeks unless otherwise indicated.

### VART 1 INTRODUCTION TO FILM STUDIES 4 Units

**Advisory: Not open to students with credit in F TV 1.**  
4 hours lecture, 1 hour laboratory. (60 total hours per quarter.)  
**Not Repeatable.**

A survey of the language, technology, theory and aesthetics of the moving image as an art form. The course emphasizes an introduction to the critical analysis of the film and video. Includes weekly readings, film viewing, and discussion.

✓ 10395	VART-001-01W	LEC	TBA	TBA	WARD	ONLINE
✓		LAB	TBA	TBA	WARD	ONLINE

VART-001-01W: Offered via Internet. After registering, you must refer to course descriptions at [www.foothill.edu/tga/](http://www.foothill.edu/tga/) for information on how to begin.

### VART 2B HISTORY OF FILM 1945-CURRENT 4 Units

**Advisory: Not open to students with credit in F TV 2B.**  
4 hours lecture, 1 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.

✓ 10672	VART-002B-01W	LAB	TBA	TBA	WARD	ONLINE
✓		LEC	TBA	TBA	WARD	ONLINE

VART-002B-01W: Offered via Internet. After registering, you must refer to course descriptions at [www.foothill.edu/tga/](http://www.foothill.edu/tga/) for information on how to begin.

✓ 10533	VART-002B-02W	LAB	TBA	TBA	ERICKSON-FEINSTEIN	ONLINE
✓		LEC	TBA	TBA	ERICKSON-FEINSTEIN	ONLINE

VART-002B-02W: Offered via Internet. After registering, you must refer to course descriptions at [www.foothill.edu/tga/](http://www.foothill.edu/tga/) for information on how to begin.

### VART 3 AMERICAN CINEMA 4 Units

**Advisory: Not open to students with credit in F TV 3.**  
4 hours lecture, 1 hour laboratory. (60 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.

✓ 10158	VART-003-01W	LEC	TBA	TBA	ERICKSON-FEINSTEIN	ONLINE
✓		LAB	TBA	TBA	ERICKSON-FEINSTEIN	ONLINE

VART-003-01W: Offered via Internet. After registering, you must refer to course descriptions at [www.foothill.edu/tga/](http://www.foothill.edu/tga/) for information on how to begin.

## WOMEN'S STUDIES

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

### WMN 5 INTRODUCTION TO WOMEN'S STUDIES 4 Units

**Advisory: Eligibility for ENGL 1A or ESLL 26.**  
4 hours lecture. (48 total hours per quarter.)  
**Not Repeatable.**

Examination and development of the goals, major documents, history, achievements, and evolution of the current women's movement in light of the impact and contributions of women, in comparison to those of men, of various cultural and ethnic heritage. Includes appraisal of the effects of multiculturalism and the women's movement on politics, jobs, education, science, family structure, and the arts.

✓ 10431	WMN-005-01W	LEC	TBA	TBA	DAVISON	ONLINE
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WMN-005-01W: Offered via Internet. After registering, you must refer to course descriptions at [www.foothill.edu/tga/](http://www.foothill.edu/tga/) for information on how to begin.