### How to Read Course Listings

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Activity</th>
<th>Title</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>COIN 61</td>
<td>LEC</td>
<td>PUBLISHING ON THE WEB USING HTML/XHTML</td>
<td>6:00PM–9:50</td>
<td>T</td>
<td>YOUNG P</td>
<td>4004</td>
</tr>
<tr>
<td></td>
<td>LAB</td>
<td></td>
<td></td>
<td>TBA</td>
<td>TBA</td>
<td>YOUNG P</td>
</tr>
<tr>
<td></td>
<td>LAB</td>
<td></td>
<td></td>
<td>TBA</td>
<td>TBA</td>
<td>TBA</td>
</tr>
</tbody>
</table>

**0812 COIN-061.-01 LEC 6:00PM–9:50 T YOUNG P 4004**

COIN-061.-07W LEC TBA TBA WATKINS ONLINE

COIN-061.-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.

**Class Note** applies to class listed directly above.

**Shaded Area** indicates evening classes.

**Contact Division Office** for information.

---

In general:
- Courses numbered 1–49 transfer to the University of California. Some exceptions apply.
  - Always consult or review the Foothill College/UC Transferable Course list at [www.assist.org](http://www.assist.org);
- Courses numbered 1–99 transfer to the California State University;
- Courses numbered 100 and above are not university transferrable;
- All courses numbered 200 and above are non-degree applicable;
- Content credit may be allowed for some courses at the discretion of the transfer university; and
- When in doubt about the applicability or transferrability of a course, always consult a counselor.
**FALL QUARTER 2012 COURSES**

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Title</th>
<th>Units</th>
<th>CRN</th>
<th>Course ID</th>
<th>Activity</th>
<th>Title</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>20001</td>
<td>ACTG 1A  FINANCIAL ACCOUNTING I</td>
<td>5</td>
<td>20001 ACTG-001A-03Y LEC 10:00 AM-11:50 AM MW DRAKE, LISA 3206</td>
<td>ACTG-001A-03Y: Hybrid class: one weekly TBA hour via online instruction.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20002</td>
<td>ACTG 1B  FINANCIAL ACCOUNTING II</td>
<td>5</td>
<td>20002 ACTG-001B-02Y LEC TBA TBA SEYEDIN, SARA 3206</td>
<td>ACTG-001B-02Y: Hybrid class: one weekly TBA hour via online instruction.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20003</td>
<td>ACTG 1C  MANAGERIAL ACCOUNTING</td>
<td>5</td>
<td>20003 ACTG-001C-01Y LEC 10:00 AM-11:50 AM TTh SEYEDIN, SARA 3206</td>
<td>ACTG-001C-01Y: Hybrid class: one weekly TBA hour via online instruction.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20004</td>
<td>ACTG 2A  MANAGEMENT ACCOUNTING</td>
<td>5</td>
<td>20004 ACTG-002A-02Y LEC TBA TBA SEYEDIN, SARA 3206</td>
<td>ACTG-002A-02Y: Hybrid class: one weekly TBA hour via online instruction.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20005</td>
<td>ACTG 2B  COST ACCOUNTING</td>
<td>5</td>
<td>20005 ACTG-002B-03Y LEC TBA TBA SEYEDIN, SARA 3206</td>
<td>ACTG-002B-03Y: Hybrid class: one weekly TBA hour via online instruction.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20006</td>
<td>ACTG 2C  BUSINESS ACCOUNTING</td>
<td>5</td>
<td>20006 ACTG-002C-02Y LEC TBA TBA SEYEDIN, SARA 3206</td>
<td>ACTG-002C-02Y: Hybrid class: one weekly TBA hour via online instruction.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20007</td>
<td>ACTG 2D  BUSINESS PLAN</td>
<td>5</td>
<td>20007 ACTG-002D-01Y LEC TBA TBA SEYEDIN, SARA 3206</td>
<td>ACTG-002D-01Y: Hybrid class: one weekly TBA hour via online instruction.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20008</td>
<td>ACTG 3A  FORENSIC ACCOUNTING</td>
<td>5</td>
<td>20008 ACTG-003A-01Y LEC 10:00 AM-11:50 AM TTh DRAKE, LISA 3201</td>
<td>ACTG-003A-01Y: Hybrid class: one weekly TBA hour via online instruction.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20009</td>
<td>ACTG 3B  SECURITIES AND INVESTMENT</td>
<td>5</td>
<td>20009 ACTG-003B-02Y LEC TBA TBA SEYEDIN, SARA 3206</td>
<td>ACTG-003B-02Y: Hybrid class: one weekly TBA hour via online instruction.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20010</td>
<td>ACTG 3C  INFORMATION SYSTEMS</td>
<td>5</td>
<td>20010 ACTG-003C-01Y LEC TBA TBA SEYEDIN, SARA 3206</td>
<td>ACTG-003C-01Y: Hybrid class: one weekly TBA hour via online instruction.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20011</td>
<td>ACTG 3D  BUSINESS INTELLIGENCE</td>
<td>5</td>
<td>20011 ACTG-003D-02Y LEC TBA TBA SEYEDIN, SARA 3206</td>
<td>ACTG-003D-02Y: Hybrid class: one weekly TBA hour via online instruction.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20012</td>
<td>ACTG 3E  BUSINESS REGULATION</td>
<td>5</td>
<td>20012 ACTG-003E-01Y LEC 10:00 AM-11:50 AM TTh TORRETO, JOE 3204</td>
<td>ACTG-003E-01Y: Hybrid class: one weekly TBA hour via online instruction.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20013</td>
<td>ACTG 3F  BUSINESS LAW</td>
<td>5</td>
<td>20013 ACTG-003F-02Y LEC TBA TBA SEYEDIN, SARA 3206</td>
<td>ACTG-003F-02Y: Hybrid class: one weekly TBA hour via online instruction.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20014</td>
<td>ACTG 4A  BUSINESS STRATEGIES</td>
<td>5</td>
<td>20014 ACTG-004A-01Y LEC TBA TBA SEYEDIN, SARA 3206</td>
<td>ACTG-004A-01Y: Hybrid class: one weekly TBA hour via online instruction.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20015</td>
<td>ACTG 4B  BUSINESS ETHICS</td>
<td>5</td>
<td>20015 ACTG-004B-02Y LEC TBA TBA SEYEDIN, SARA 3206</td>
<td>ACTG-004B-02Y: Hybrid class: one weekly TBA hour via online instruction.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20016</td>
<td>ACTG 4C  BUSINESS ETHICS</td>
<td>5</td>
<td>20016 ACTG-004C-03Y LEC TBA TBA SEYEDIN, SARA 3206</td>
<td>ACTG-004C-03Y: Hybrid class: one weekly TBA hour via online instruction.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20017</td>
<td>ACTG 4D  BUSINESS ETHICS</td>
<td>5</td>
<td>20017 ACTG-004D-04Y LEC TBA TBA SEYEDIN, SARA 3206</td>
<td>ACTG-004D-04Y: Hybrid class: one weekly TBA hour via online instruction.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20018</td>
<td>ACTG 4E  BUSINESS ETHICS</td>
<td>5</td>
<td>20018 ACTG-004E-05Y LEC TBA TBA SEYEDIN, SARA 3206</td>
<td>ACTG-004E-05Y: Hybrid class: one weekly TBA hour via online instruction.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20019</td>
<td>ACTG 4F  BUSINESS ETHICS</td>
<td>5</td>
<td>20019 ACTG-004F-06Y LEC TBA TBA SEYEDIN, SARA 3206</td>
<td>ACTG-004F-06Y: Hybrid class: one weekly TBA hour via online instruction.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20020</td>
<td>ACTG 5A  INTERMEDIATE ACCOUNTING I</td>
<td>4</td>
<td>20020 ACTG-005A-01W LEC 10:00 AM-11:50 AM TTh SEYEDIN, SARA 3206</td>
<td>ACTG-005A-01W: Hybrid class: one weekly TBA hour via online instruction.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20021</td>
<td>ACTG 5B  INTERMEDIATE ACCOUNTING II</td>
<td>4</td>
<td>20021 ACTG-005B-02W LEC 10:00 AM-11:50 AM TTh SEYEDIN, SARA 3206</td>
<td>ACTG-005B-02W: Hybrid class: one weekly TBA hour via online instruction.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20022</td>
<td>ACTG 5C  INTERMEDIATE ACCOUNTING III</td>
<td>4</td>
<td>20022 ACTG-005C-03W LEC 10:00 AM-11:50 AM TTh SEYEDIN, SARA 3206</td>
<td>ACTG-005C-03W: Hybrid class: one weekly TBA hour via online instruction.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20023</td>
<td>ACTG 5D  INTERMEDIATE ACCOUNTING IV</td>
<td>4</td>
<td>20023 ACTG-005D-04W LEC 10:00 AM-11:50 AM TTh SEYEDIN, SARA 3206</td>
<td>ACTG-005D-04W: Hybrid class: one weekly TBA hour via online instruction.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20024</td>
<td>ACTG 5E  INTERMEDIATE ACCOUNTING V</td>
<td>4</td>
<td>20024 ACTG-005E-05W LEC 10:00 AM-11:50 AM TTh SEYEDIN, SARA 3206</td>
<td>ACTG-005E-05W: Hybrid class: one weekly TBA hour via online instruction.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20025</td>
<td>ACTG 5F  INTERMEDIATE ACCOUNTING VI</td>
<td>4</td>
<td>20025 ACTG-005F-06W LEC 10:00 AM-11:50 AM TTh SEYEDIN, SARA 3206</td>
<td>ACTG-005F-06W: Hybrid class: one weekly TBA hour via online instruction.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Unless otherwise noted in the schedule, Fall Quarter 2012 classes run September 24 to December 14, 2012. 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 August 20. Course listing and footnote information may have significantly changed. For the most accurate, current course listings, always access the class schedule.
<table>
<thead>
<tr>
<th>Course Number</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACTG 67</td>
<td>ADVANCED TAX ACCOUNTING I</td>
<td>4 Units</td>
</tr>
<tr>
<td>ACTG 75</td>
<td>ACCOUNTING FOR GOVERNMENT &amp; NOT-FOR-PROFIT</td>
<td>5 Units</td>
</tr>
<tr>
<td>ACTG 64B</td>
<td>COMPUTERIZED ACCOUNTING PRACTICE USING EXCEL</td>
<td>2 Units</td>
</tr>
<tr>
<td>ACTG 65</td>
<td>PAYROLL &amp; BUSINESS TAX ACCOUNTING</td>
<td>4 Units</td>
</tr>
<tr>
<td>ACTG 66</td>
<td>COST ACCOUNTING</td>
<td>5 Units</td>
</tr>
<tr>
<td>ACTG 67</td>
<td>TAX ACCOUNTING</td>
<td>5 Units</td>
</tr>
</tbody>
</table>

**ALLIED HEALTH SCIENCES**

**AHS 50** INTRODUCTION TO ALLIED HEALTH PROGRAMS | 1 Unit |
---|---|
**Course Number** | **Title** | **Units** |
ACTG 060.-01W | COMPUTERIZED ACCOUNTING PRACTICE USING QUICKBOOKS | 2 Units |
ACTG 064A | COMPUTERIZED ACCOUNTING PRACTICE USING EXCEL | 2 Units |
ACTG 065 | PAYROLL & BUSINESS TAX ACCOUNTING | 4 Units |
ACTG 066 | COST ACCOUNTING | 5 Units |
ACTG 067 | TAX ACCOUNTING | 5 Units |
ACTG 067-02W | ADVANCED TAX ACCOUNTING I | 4 Units |
ACTG 075 | ACCOUNTING FOR GOVERNMENT & NOT-FOR-PROFIT | 5 Units |
ACTG 064B | COMPUTERIZED ACCOUNTING PRACTICE USING EXCEL | 2 Units |
ACTG 065 | PAYROLL & BUSINESS TAX ACCOUNTING | 4 Units |
ACTG 066 | COST ACCOUNTING | 5 Units |
ACTG 067 | TAX ACCOUNTING | 5 Units |

**AHS 50** INTRODUCTION TO ALLIED HEALTH PROGRAMS | 1 Unit |
---|---|
**Course Number** | **Title** | **Units** |
AHS-050.-01W | INTRODUCTION TO ALLIED HEALTH PROGRAMS | 1 Unit |
---|---|
**Course Number** | **Title** | **Units** |
ACTG-060.-01W | COMPUTERIZED ACCOUNTING PRACTICE USING QUICKBOOKS | 2 Units |
ACTG-064A | COMPUTERIZED ACCOUNTING PRACTICE USING EXCEL | 2 Units |
ACTG-065 | PAYROLL & BUSINESS TAX ACCOUNTING | 4 Units |
ACTG-066 | COST ACCOUNTING | 5 Units |
ACTG-067 | TAX ACCOUNTING | 5 Units |
**Fall Quarter 2012 Courses**

**Adaptive Physical Education**

Kinesiology & Athletics  
(650) 949-7017  
www.foothill.edu/ath/  
See also Special Education for classes associated with disability-related careers.

**ALAP 60X**  
**GENERAL CONDITIONING FOR THE DISABLED**  
1 Unit  
Prerequisite: Medically verified disability.  
Advisory: Enrollment is limited to six times within the ALAP 60 group.  
3 hours laboratory. (36 total hours per quarter.)

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.

- **21019**  
  ALAP-060X-01  
  LAB 07:00 PM-08:15 PM  
  TTh  
  O'LOUGHLIN, RITA  
  2506

- **20741**  
  ALAP-060X-02  
  LAB 08:20 PM-09:35 PM  
  TTh  
  O'LOUGHLIN, RITA  
  2506

- **21465**  
  ALAP-060X-03  
  LAB 10:15 AM-11:30 AM  
  TTH  
  MAC NEIL, DONALD  
  MCWT

- **21609**  
  ALAP-060X-04  
  LAB 08:30 AM-09:45 AM  
  TTh  
  O'LOUGHLIN, RITA  
  MCWT

**ALAP 61X**  
**RESISTIVE EXERCISE FOR THE DISABLED**  
1 Unit  
Prerequisite: Medically verified disability.

- **21464**  
  ALAP-061X-01  
  LAB 11:45 AM-01:00 PM  
  TTh  
  MAC NEIL, DONALD  
  MCWT

**ALAP 62X**  
**INDIVIDUALIZED EXERCISE FOR THE DISABLED**  
1 Unit  
Prerequisite: Medically verified disability.  
Advisory: Enrollment is limited to six times within the ALAP 62 group.  
3 hours laboratory. (36 total hours per quarter.)

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.

- **21020**  
  ALAP-062X-01  
  LAB 05:30 PM-06:45 PM  
  TTh  
  O'LOUGHLIN, RITA  
  2506

- **20024**  
  ALAP-062X-02  
  LAB 04:00 PM-05:15 PM  
  TTh  
  O'LOUGHLIN, RITA  
  2506

- **21448**  
  ALAP-062X-03  
  LAB 08:30 AM-09:20 AM  
  MWF  
  O'LOUGHLIN, RITA  
  MCWT

- **21462**  
  ALAP-062X-05  
  LAB 10:00 AM-10:50 AM  
  MWF  
  O'LOUGHLIN, RITA  
  MCWT

- **21463**  
  ALAP-062X-06  
  LAB 11:30 AM-12:20 PM  
  MWF  
  O'LOUGHLIN, RITA  
  MCWT

**ALAP 63X**  
**POSTURAL FITNESS FOR THE DISABLED**  
1 Unit  
Prerequisite: Medically verified disability.  
Advisory: Enrollment is limited to six times within the ALAP 63 group.  
3 hours laboratory. (36 total hours per quarter.)

May be taken six times for credit.  
Exercises for improving body mechanics for those with musculo-skeletal impairments. Body mechanics and lumbar spine stabilization. Enrollment is limited to six times within the ALAP 63 group.

- **21425**  
  ALAP-063X-01  
  LAB 01:00 PM-02:20 PM  
  TTh  
  KNOPF, KARL  
  SVSC

- **21466**  
  ALAP-063X-02  
  LAB 04:30 PM-05:45 PM  
  TTh  
  MAC NEIL, DONALD  
  2504

**ALAP 71X**  
**AQUAZIC FOR THE DISABLED**  
1 Unit  
Prerequisite: Medically verified disability.  
Advisory: Enrollment is limited to six times within the ALAP 71 group.  
3 hours laboratory. (36 total hours per quarter.)

May be taken six times for credit.  
Individually prescribed aquatic exercises to increase muscular strength and endurance, flexibility, cardiovascular endurance, gross motor coordination, relaxation, as appropriate.

- **21621**  
  ALAP-071X-01  
  LAB 01:00 PM-02:15 PM  
  MW  
  O'LOUGHLIN, RITA  
  POOL

- **20026**  
  ALAP-071X-02  
  LAB 03:00 PM-03:30 PM  
  MW  
  KNOPF, KARL  
  YMCA

**Adaptive Learning: Computer Access Center**

Adaptive Learning  
(650) 949-7017  
www.foothill.edu/al/  
See also Special Education for classes associated with disability-related careers.

**ALCA 201**  
**COMPUTER ACCESS EVALUATION**  
1 Unit  
Formerly: ALCA 101

Prerequisite: Medically verified disability or access limitation.  
Advisory: Not open to students with credit in ALCA 101.  
3 hours laboratory. (36 total hours per quarter.)

Not Repeatable.  
This is a survey course designed to provide students with an overview of current assistive technologies including Dragon Naturally Speaking, Kurzweil, Inspiration etc. Course content includes an evaluation of technology needs, tutorials, and hands-on practice for various software and hardware.
Adaptive Learning: Community Based

Adaptive Learning  (650) 949-7017 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, Fairoaks 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 201 BEGINNING LIP READING .5 Units
Prerequisite: Medically verified disability. 1.5 hours lecture-laboratory. (18 total hours per quarter.) Not Repeatable.

Designed for adults with acquired, congenital or progressive hearing impairment. Includes basic sounds of the English language and how production of basic speech sounds appears on the lips and face of the speaker. Mechanics of the ear and sound will be presented. Physiological problems related to hearing will be discussed as well as some technological solutions. Practical experience in lip reading.

ALCB 202 INTERMEDIATE LIP READING & MANAGING YOUR HEARING LOSS .5 Units
Prerequisite: Medically verified disability: ALCB 201. 1.5 hours lecture-laboratory. (18 total hours per quarter.) Not Repeatable.

Designed to meet the needs of the hearing impaired adult with acquired hearing impairment.

ALCB 203 ADVANCED LIP READING & MANAGING YOUR HEARING LOSS .5 Units
Prerequisites: Medically verified disability; ALCB 201, 202 or equivalent skills. 1.5 hours lecture-laboratory. (18 total hours per quarter.) Not Repeatable.

Advanced instruction in lip reading techniques for the hearing impaired adult.

ALCB 222 JOB SEARCH SKILLS 3 Units
Prerequisite: Medically verified disability. 6 hours lecture-laboratory. (72 total hours per quarter.) May be taken six times for credit.

Preparation and skills necessary for re-entry into the job market. Emphasis on technological changes impacting the job search. Includes use of Internet and networking sites for making connections for job search.

ALCB 233 CAREER RESOURCES 2 Units
Prerequisite: Medically verified disability. 6 hours laboratory. (72 total hours per quarter.) May be taken six times for credit.

Career Resources is an introduction and hands-on use of resources available to research and find employment in the Bay Area. Resources include daily on-line job postings, fax, internet, telephones, corporate events, casual labor, job fairs and career library. Designed for the disabled student.

ALCB 231 CAREER PLANNING & PERSONAL ASSESSMENT .5 Units
Prerequisite: Medically verified disability. 1.5 hours laboratory. (18 total hours per quarter.) May be taken six times for credit.

Designed to help students develop a personal profile that identifies sociological, psychological and physiological perspectives for success in work, education and personal life.

ALCB 403Y CHANGING GENERATIONS 0 Units
Prerequisite: Medically verified disability. 24 hours total. (24 total hours per quarter.) Unlimited Repeatability.

Designed to offer an opportunity for young and old to share a relationship.

ALCB 407Y SOCIAL CHANGE 0 Units
Prerequisite: Medically verified disability. 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.

ALCB 408Y ART APPRECIATION 0 Units
Prerequisite: Medically verified disability. 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.
## Fall Quarter 2012 Courses

### ALCB 409Y Music Appreciation

- **Title:** Unnamed Title
- **Units:** 0
- **Description:** Designed for the disabled student to acquire appreciation of composers and their work. Emphasis on identification and recall of auditory input.
- **CRN:** 21686
- **Activity:** LAB 01:00 PM-02:50 PM
- **Days:** Th
- **Instructor:** BAIRD, KATHARINE
- **Location:** SDHP

### ALCB 413X Relaxation Techniques

- **Title:** Unnamed Title
- **Units:** 0
- **Description:** Designed for the disabled student to acquire information about and develop techniques for achieving relaxation by releasing mental and physical tension.
- **CRN:** 21838
- **Activity:** LAB 11:00 AM-12:15 PM
- **Days:** Th
- **Instructor:** CHU, CYNTHIA
- **Location:** PACOM

### ALCB 414Y Stress Management

- **Title:** Unnamed Title
- **Units:** 0
- **Description:** 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.
- **CRN:** 21849
- **Activity:** LAB 02:30 PM-04:20 PM
- **Days:** M
- **Instructor:** MARRIOTT, DONA
- **Location:** MVS

### ALCB 421Y Around the World in Travel Study

- **Title:** Unnamed Title
- **Units:** 0
- **Description:** 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.
- **CRN:** 21690
- **Activity:** LAB 06:00 PM-07:50 PM
- **Days:** Th
- **Instructor:** AMBROSE, JUNE
- **Location:** ASL

### ALCB 431Y Analysis of Current Events

- **Title:** Unnamed Title
- **Units:** 0
- **Description:** 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.
- **CRN:** 21696
- **Activity:** LAB 01:30 PM-03:20 PM
- **Days:** M
- **Instructor:** JENSEN, KAREN
- **Location:** SDHP

### ALCB 451Y Drawing and Painting

- **Title:** Unnamed Title
- **Units:** 0
- **Description:** 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.
- **CRN:** 21691
- **Activity:** LAB 10:00 AM-11:50 AM
- **Days:** T
- **Instructor:** KRUITWAGEN, MARIA
- **Location:** PACOM

### ALCB 453Y Verbal Expression

- **Title:** Unnamed Title
- **Units:** 0
- **Description:** 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.
- **CRN:** 21700
- **Activity:** LAB 10:00 AM-11:50 AM
- **Days:** W
- **Instructor:** ROCK, LORRAINE
- **Location:** BP

### ALCB 455Y Creative Self-Expression

- **Title:** Unnamed Title
- **Units:** 0
- **Description:** 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.
- **CRN:** 21701
- **Activity:** LAB 01:00 PM-02:50 PM
- **Days:** W
- **Instructor:** AMBROSE, JUNE
- **Location:** ASL
FALL QUARTER 2012 COURSES

ADAPTIVE LEARNING: LEARNING DISABILITY

Adaptive Learning (650) 949-7017 www.foothill.edu/al/

See also Special Education for classes associated with special education and disability-related careers.

ALLD 206 PARAGRAPH REMEDIATION 2 Units
Advisory: Medically verified disability.
Corequisites: ENGL 209 and 110.
6 hours laboratory. (72 total hours per quarter.)
May be taken six times for credit.

A paragraph development class with an emphasis on writing concisely with correct grammar.
Provides support and instruction to students in remedial English courses who struggle with basic reading and writing skills. Focus on research, reading comprehension, content development, and writing structure. Intended for students enrolled in ENGL 209 or 110.

21007 ALLD-206.-01 LAB 12:00 PM-02:30 PM MW WONG, RUSSELL 5402

ALLD 207 BASIC MATH REMEDIATION 1 Unit
Advisory: Pass/No Pass; Medically verified disability.
3 hours laboratory. (36 total hours per quarter.)
Not Repeatable.

A remedial math class with an emphasis on basic math skills, designed for students with disabilities. Provides support and instruction to students who struggle with math calculation and problems solving skills ranging from basic to higher level. Intended for students currently enrolled in a Foothill math class. Students will receive guided practice in specific compensatory and study strategies. The focus will be on utilizing skills and strategies in conjunction with academic course material. Students will be able to identify learning preferences and strengths as they pertain to mathematics.

21590 ALLD-207.-01 LAB 12:00 PM-01:15 PM TTh WONG, RUSSELL 5402

ALLD 210 UNDERSTANDING LEARNING DIFFERENCES 3 Units
Formerly: ALLD 601
3 hours lecture. (36 total hours per quarter.)
Not Repeatable.

Focuses on learning differences, learning theory and strategies related to specific learning challenges. Creation of individual learning portfolio to identify learning style, strengths and weaknesses. Covers understanding of learning differences, methods of retention and output of knowledge. Cognitive and achievement testing will be provided as appropriate to identify student individual learning profile.

20766 ALLD-210.-01 LEC 12:00 PM-02:40 PM F WONG, RUSSELL 3403

ADAPTIVE LEARNING: TRANSITION TO WORK

Adaptive Learning (650) 949-7017 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 203 LEARNING STYLES & STRATEGIES FOR THE DISABLED STUDENT 2 Units
Prerequisite: Medically verified disability.
2 hours lecture. (24 total hours per quarter.)
Not Repeatable.

The Transition to Work Learning Strategies class enables the students to explore and identify their learning styles, values, personality traits and develop a personal profile that helps them with their vocational choices. The course is designed for students with disabilities.

21709 ALTW-203.-01 LAB 09:00 AM-09:50 AM TTh HAWKINS, MARY 5402

ALTW 205 OFFICE SKILLS FOR THE DISABLED STUDENT 3 Units
Prerequisite: Medically verified disability.
3 hours lecture. (36 total hours per quarter.)
Not Repeatable.

Practical office skills needed for successful employment. Focuses on filing systems, records management, and mail handling. Designed for the disabled student.

21710 ALTW-205.-01 LAB 01:00 PM-02:50 PM MW URRUTIA, REBECCA 4203

ALTW 206 BEGINNING WORD PROCESSING FOR THE DISABLED STUDENT 3 Units
Formerly: ALTW 112
Prerequisite: Medically verified disability.
6 hours lecture-laboratory. (72 total hours per quarter.)
Not Repeatable.

Introduction to the computer and its uses for the student with little or no computer experience. Emphasis on word processing. Designed for the disabled student.

21711 ALTW-206.-01 LAB 10:00 AM-11:50 AM TTh PETERSON, KENNETH 5402

ALTW 207 RESOURCES IN THE COMMUNITY FOR THE DISABLED STUDENT 2 Units
Prerequisite: Medically verified disability.
2 hours lecture. (24 total hours per quarter.)
Not Repeatable.

Overview of community resources for the disabled student.

21712 ALTW-207.-01 LAB 01:00 PM-01:50 PM TTh ZAFREN, CAROL 4004

ALTW 208 JOB TRAINING/INTERNSHIP FOR THE DISABLED STUDENT 1.5 Units
Prerequisite: Medically verified disability.
4.5 hours laboratory. (54 total hours per quarter.)
May be taken six times for credit.

Practical skills needed for successful employment. Emphasis on on-the-job training experiences; discussion and evaluation of one’s performance.

20032 ALTW-208.-01 LAB 10:00 AM-11:50 AM MW URRUTIA, REBECCA 5402

ALTW 209 SOCIAL SKILLS FOR THE DISABLED STUDENT 1 Unit
Prerequisite: Medically verified disability.
2 hours lecture-laboratory. (24 total hours per quarter.)
May be taken two times for credit.

Adaptive Learning  (650) 949-7017 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 203 LEARNING STYLES & STRATEGIES FOR THE DISABLED STUDENT 2 Units
Prerequisite: Medically verified disability.
2 hours lecture. (24 total hours per quarter.)
Not Repeatable.

The Transition to Work Learning Strategies class enables the students to explore and identify their learning styles, values, personality traits and develop a personal profile that helps them with their vocational choices. The course is designed for students with disabilities.

21709 ALTW-203.-01 LAB 09:00 AM-09:50 AM TTh HAWKINS, MARY 5402

ALTW 205 OFFICE SKILLS FOR THE DISABLED STUDENT 3 Units
Prerequisite: Medically verified disability.
3 hours lecture. (36 total hours per quarter.)
Not Repeatable.

Practical office skills needed for successful employment. Focuses on filing systems, records management, and mail handling. Designed for the disabled student.

21710 ALTW-205.-01 LAB 01:00 PM-02:50 PM MW URRUTIA, REBECCA 4203

ALTW 206 BEGINNING WORD PROCESSING FOR THE DISABLED STUDENT 3 Units
Formerly: ALTW 112
Prerequisite: Medically verified disability.
6 hours lecture-laboratory. (72 total hours per quarter.)
Not Repeatable.

Introduction to the computer and its uses for the student with little or no computer experience. Emphasis on word processing. Designed for the disabled student.

21711 ALTW-206.-01 LAB 10:00 AM-11:50 AM TTh PETERSON, KENNETH 5402

ALTW 207 RESOURCES IN THE COMMUNITY FOR THE DISABLED STUDENT 2 Units
Prerequisite: Medically verified disability.
2 hours lecture. (24 total hours per quarter.)
Not Repeatable.

Overview of community resources for the disabled student.

21712 ALTW-207.-01 LAB 01:00 PM-01:50 PM TTh ZAFREN, CAROL 4004

ALTW 208 JOB TRAINING/INTERNSHIP FOR THE DISABLED STUDENT 1.5 Units
Prerequisite: Medically verified disability.
4.5 hours †laboratory. (54 total hours per quarter.)
May be taken six times for credit.

Practical skills needed for successful employment. Emphasis on on-the-job training experiences; discussion and evaluation of one’s performance.

20032 ALTW-208.-01 LAB 10:00 AM-11:50 AM MW URRUTIA, REBECCA 5402

ALTW 209 SOCIAL SKILLS FOR THE DISABLED STUDENT 1 Unit
Prerequisite: Medically verified disability.
2 hours lecture-laboratory. (24 total hours per quarter.)
May be taken two times for credit.

Adaptive Learning  (650) 949-7017 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 203 LEARNING STYLES & STRATEGIES FOR THE DISABLED STUDENT 2 Units
Prerequisite: Medically verified disability.
2 hours lecture. (24 total hours per quarter.)
Not Repeatable.

The Transition to Work Learning Strategies class enables the students to explore and identify their learning styles, values, personality traits and develop a personal profile that helps them with their vocational choices. The course is designed for students with disabilities.

21709 ALTW-203.-01 LAB 09:00 AM-09:50 AM TTh HAWKINS, MARY 5402

ALTW 205 OFFICE SKILLS FOR THE DISABLED STUDENT 3 Units
Prerequisite: Medically verified disability.
3 hours lecture. (36 total hours per quarter.)
Not Repeatable.

Practical office skills needed for successful employment. Focuses on filing systems, records management, and mail handling. Designed for the disabled student.

21710 ALTW-205.-01 LAB 01:00 PM-02:50 PM MW URRUTIA, REBECCA 4203

ALTW 206 BEGINNING WORD PROCESSING FOR THE DISABLED STUDENT 3 Units
Formerly: ALTW 112
Prerequisite: Medically verified disability.
6 hours lecture-laboratory. (72 total hours per quarter.)
Not Repeatable.

Introduction to the computer and its uses for the student with little or no computer experience. Emphasis on word processing. Designed for the disabled student.

21711 ALTW-206.-01 LAB 10:00 AM-11:50 AM TTh PETERSON, KENNETH 5402

ALTW 207 RESOURCES IN THE COMMUNITY FOR THE DISABLED STUDENT 2 Units
Prerequisite: Medically verified disability.
2 hours lecture. (24 total hours per quarter.)
Not Repeatable.

Overview of community resources for the disabled student.

21712 ALTW-207.-01 LAB 01:00 PM-01:50 PM TTh ZAFREN, CAROL 4004

ALTW 208 JOB TRAINING/INTERNSHIP FOR THE DISABLED STUDENT 1.5 Units
Prerequisite: Medically verified disability.
4.5 hours †laboratory. (54 total hours per quarter.)
May be taken six times for credit.

Practical skills needed for successful employment. Emphasis on on-the-job training experiences; discussion and evaluation of one’s performance.

20032 ALTW-208.-01 LAB 10:00 AM-11:50 AM MW URRUTIA, REBECCA 5402

ALTW 209 SOCIAL SKILLS FOR THE DISABLED STUDENT 1 Unit
Prerequisite: Medically verified disability.
2 hours lecture-laboratory. (24 total hours per quarter.)
May be taken two times for credit.
### Fall Quarter 2012 Courses

**Anthropology**

**Business & Social Sciences**

(650) 949-7322  www.foothill.edu/bss/

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

<table>
<thead>
<tr>
<th>Course Number</th>
<th>CRN</th>
<th>Course ID</th>
<th>Activity</th>
<th>Title</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTH 1</td>
<td>INTRODUCTION TO PHYSICAL ANTHROPOLOGY</td>
<td>4 Units</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20045 ANTH-005.-01</td>
<td>LEC</td>
<td>08:00 AM-09:50 AM</td>
<td>MW</td>
<td>STAFF, M</td>
<td>3101</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20862 ANTH-001.-02</td>
<td>LEC</td>
<td>10:00 AM-11:50 AM</td>
<td>MW</td>
<td>WOLF, JOHN</td>
<td>3103</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20865 ANTH-001.-03</td>
<td>LEC</td>
<td>08:00 AM-09:50 AM</td>
<td>TTH</td>
<td>SCHAEFFERS, KATHERINE</td>
<td>3101</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20866 ANTH-001.-04</td>
<td>LEC</td>
<td>02:00 PM-03:50 PM</td>
<td>TTH</td>
<td>RODGERS, JO</td>
<td>3201</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20863 ANTH-001.-05W</td>
<td>LEC</td>
<td>TBA TBA</td>
<td>DAVIDSON, KATHERINE ONLINE</td>
<td>ANTH001.05W: 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.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20867 ANTH-001.-06W</td>
<td>LEC</td>
<td>TBA TBA</td>
<td>DAVIDSON, KATHERINE ONLINE</td>
<td>ANTH001.06W: 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.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>21544 ANTH-001.-07</td>
<td>LEC</td>
<td>09:30 PM-11:00 PM</td>
<td>W</td>
<td>CEARLEY, DANIEL</td>
<td>3101</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**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, hominid dietary patterns, non-human primates, primates, dental and skeletal anatomy, collagen, 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.

<table>
<thead>
<tr>
<th>Course Number</th>
<th>CRN</th>
<th>Course ID</th>
<th>Activity</th>
<th>Title</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>20038 ANTH-001L-01</td>
<td>L-L</td>
<td>12:00 PM-12:50 PM</td>
<td>M</td>
<td>WOLF, JOHN</td>
<td>3103</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20039 ANTH-001L-02</td>
<td>L-L</td>
<td>07:00 PM-07:50 PM</td>
<td>T</td>
<td>SCHAEFFERS, KATHERINE</td>
<td>3103</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20056 ANTH-001L-03</td>
<td>L-L</td>
<td>01:00 PM-01:50 PM</td>
<td>W</td>
<td>CEARLEY, DANIEL</td>
<td>3103</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**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. Subject includes subsistence, political organization, language, kinship, religion, social inequality, ethnicity, gender, and culture change. Discussion of anthropological perspectives to contemporary issues.

<table>
<thead>
<tr>
<th>Course Number</th>
<th>CRN</th>
<th>Course ID</th>
<th>Activity</th>
<th>Title</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>20040 ANTH-002A-01</td>
<td>LEC</td>
<td>10:00 AM-11:50 AM</td>
<td>MW</td>
<td>MAURER, KATHRYN</td>
<td>3101</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20041 ANTH-002A-02</td>
<td>LEC</td>
<td>10:00 AM-11:50 AM</td>
<td>TTH</td>
<td>BAR, NETA</td>
<td>3101</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20042 ANTH-002A-03W</td>
<td>LEC</td>
<td>TBA TBA</td>
<td>PRICE, JENNIFER ONLINE</td>
<td>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.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20043 ANTH-002A-04W</td>
<td>LEC</td>
<td>TBA TBA</td>
<td>RODGERS, JO ONLINE</td>
<td>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.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20045 ANTH-002A-05W</td>
<td>LEC</td>
<td>01:00 PM-02:50 PM</td>
<td>MW</td>
<td>MAURER, KATHRYN</td>
<td>3101</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>21547 ANTH-002A-06W</td>
<td>LEC</td>
<td>TBA TBA</td>
<td>PRICE, JENNIFER ONLINE</td>
<td>ANTH-002A-06W: 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.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>21548 ANTH-002A-07</td>
<td>LEC</td>
<td>08:00 AM-09:50 AM</td>
<td>MW</td>
<td>WOLF, JOHN</td>
<td>3106</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**ANTH 3 PREHISTORY: THE SEARCH FOR LOST CIVILIZATIONS**

4 Units

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

Not Repeatable.

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

<table>
<thead>
<tr>
<th>Course Number</th>
<th>CRN</th>
<th>Course ID</th>
<th>Activity</th>
<th>Title</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>21543 ANTH-003.-01</td>
<td>LEC</td>
<td>05:35 PM-09:15 PM</td>
<td>W</td>
<td>HYLKEMA, MARK</td>
<td>MCA4</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**ANTH 4 FIRST PEOPLES OF NORTH AMERICA**

4 Units

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

Not Repeatable.

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

<table>
<thead>
<tr>
<th>Course Number</th>
<th>CRN</th>
<th>Course ID</th>
<th>Activity</th>
<th>Title</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>20044 ANTH-004-01W</td>
<td>LEC</td>
<td>TBA TBA</td>
<td>NEFF, LINDA ONLINE</td>
<td>ANTH-004-01W: 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.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**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.

<table>
<thead>
<tr>
<th>Course Number</th>
<th>CRN</th>
<th>Course ID</th>
<th>Activity</th>
<th>Title</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>20045 ANTH-005.-01</td>
<td>LEC</td>
<td>03:00 PM-04:50 PM</td>
<td>MW</td>
<td>SCHAEFFERS, KATHERINE</td>
<td>3106</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>21542 ANTH-005-02W</td>
<td>LEC</td>
<td>TBA TBA</td>
<td>MAURER, KATHERINE ONLINE</td>
<td>ANTH-005-02W: 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.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**ANTH 6 PEOPLES OF AFRICA**

4 Units

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

Not Repeatable.

For information about the online anthropology degree, access www.foothillglobalaccess.org/main/aa_anthropology.htm.
### Fall Quarter 2012 Courses

#### ANTH 8
**INTRODUCTION TO ARCHEOLOGY**
4 Units
- 4 hours lecture. (48 total hours per quarter.)
- Not Repeatable.
- Introduction to the historical development, theory and techniques of archeological research and fieldwork. Development of comparative approach to the study of ancient cultures. Focus on cultural resource management, survey and selection of field sites, dating, excavation, artifact classification, interpretation of data and written analysis.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course ID</th>
<th>Activity</th>
<th>Title</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>21550</td>
<td>ANTH-008-01</td>
<td>LEC</td>
<td>HISTORY OF WESTERN ART FROM</td>
<td>12:00 PM-01:50 PM</td>
<td>TTh</td>
<td>HYLKEMA, MARK</td>
<td>TBA</td>
</tr>
</tbody>
</table>

#### ANTH 13
**INTRODUCTION TO FORENSIC ANTHROPOLOGY**
4 Units
- Prerequisite: ANTH 1 or BIOL 40A.
- 4 hours lecture. (48 total hours per quarter.)
- Not Repeatable.
- Introduction to the application of physical anthropology to the medico-legal process and its emphasis on the identification of human skeletal remains. Subjects include basic human osteology and odontology, assessment of age at time of death, sex, ancestry, trauma analysis, pathology, crime scene analysis, animal scavenging, and identification procedures. Focuses on the varying arenas in which forensic anthropology is utilized ranging from crime scene investigation, missing person identification, human rights, and humanitarian investigations.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course ID</th>
<th>Activity</th>
<th>Title</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>21551</td>
<td>ANTH-013-01</td>
<td>LEC</td>
<td>ARCHEOLOGY LABORATORY</td>
<td>10:00 AM-11:50 AM</td>
<td>TTh</td>
<td>CEARLEY, DANIEL</td>
<td>TBA</td>
</tr>
</tbody>
</table>

#### ANTH 13L
**FORENSIC ANTHROPOLOGY LABORATORY**
1 Unit
- Corequisite: Completion of, or concurrent enrollment in ANTH 13.
- 1 hour lecture-laboratory, 2 hours laboratory. (36 total hours per quarter.)
- Not Repeatable.
- Introductory laboratory course focusing on scientific methodology to reinforce topics from Forensic Anthropology lecture sections using hands-on technical training. Focuses on the medico-legal process utilized in forensics with an emphasis on the identification of human skeletal remains and evidence description. Contains exercises in identifying basic human osteology/odontology elements and morphological features. Will include standardized procedures for the assessment of age at time of death, sex, ancestry, trauma analysis, pathology, physical characteristics including height and weight, crime scene analysis, animal scavenging, and identification procedures. Focuses on how laboratory conclusions are utilized in courtroom proceedings during expert witness testimony.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course ID</th>
<th>Activity</th>
<th>Title</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>21552</td>
<td>ANTH-013L-01</td>
<td>L-L</td>
<td>THE AZTEC, MAYA &amp; THEIR PRECEDECESSORS</td>
<td>12:00 PM-02:50 PM</td>
<td>T</td>
<td>CEARLEY, DANIEL</td>
<td>TBA</td>
</tr>
</tbody>
</table>

#### ART
**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.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course ID</th>
<th>Activity</th>
<th>Title</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>20682</td>
<td>ART-001-01Y</td>
<td>LEC</td>
<td>ART 1001: INTRODUCTION TO ART</td>
<td>10:00 AM-11:50 AM</td>
<td>MW</td>
<td>PENNINGTON, SIMON</td>
<td>TBA</td>
</tr>
</tbody>
</table>

**ART 8**
**INTRODUCTION TO ARCHEOLOGY**
4 Units
- 4 hours lecture. (48 total hours per quarter.)
- Not Repeatable.
- Introduction to the historical development, theory and techniques of archeological research and fieldwork. Development of comparative approach to the study of ancient cultures. Focus on cultural resource management, survey and selection of field sites, dating, excavation, artifact classification, interpretation of data and written analysis.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course ID</th>
<th>Activity</th>
<th>Title</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>20682</td>
<td>ART-001-01Y</td>
<td>LEC</td>
<td>ART 1001: INTRODUCTION TO ART</td>
<td>10:00 AM-11:50 AM</td>
<td>MW</td>
<td>PENNINGTON, SIMON</td>
<td>TBA</td>
</tr>
</tbody>
</table>

**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.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course ID</th>
<th>Activity</th>
<th>Title</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>20682</td>
<td>ART-001-01Y</td>
<td>LEC</td>
<td>ART 1001: INTRODUCTION TO ART</td>
<td>10:00 AM-11:50 AM</td>
<td>MW</td>
<td>PENNINGTON, SIMON</td>
<td>TBA</td>
</tr>
</tbody>
</table>
### FALL QUARTER 2012 COURSES

<table>
<thead>
<tr>
<th>Course Number</th>
<th>CRN</th>
<th>Activity</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 2A</td>
<td>20046</td>
<td>LEC</td>
<td>10:00 AM-11:50 AM</td>
<td>Th</td>
<td>PENNINGTON, SIMON</td>
<td>1501</td>
</tr>
<tr>
<td>ART 2B</td>
<td>20683</td>
<td>LEC</td>
<td>08:00 AM-10:40 AM</td>
<td>S</td>
<td>LEVITCH, JEFFREY</td>
<td>1602</td>
</tr>
<tr>
<td>ART 2C</td>
<td>21393</td>
<td>LEC</td>
<td>12:00 PM-01:15 PM</td>
<td>MT</td>
<td>PENNINGTON, SIMON</td>
<td>1501</td>
</tr>
<tr>
<td>ART 2D</td>
<td>20832</td>
<td>LEC</td>
<td>08:00 AM-09:50 AM</td>
<td>MWF</td>
<td>RAGEY, JOSEPH</td>
<td>1602</td>
</tr>
<tr>
<td>ART 2E</td>
<td>20837</td>
<td>LEC</td>
<td>08:00 AM-09:50 AM</td>
<td>MWF</td>
<td>RAGEY, JOSEPH</td>
<td>1602</td>
</tr>
<tr>
<td>ART 2F</td>
<td>21392</td>
<td>LEC</td>
<td>12:00 PM-12:50 PM</td>
<td>Th</td>
<td>PENNINGTON, SIMON</td>
<td>1501</td>
</tr>
<tr>
<td>ART 2G</td>
<td>21408</td>
<td>LEC</td>
<td>06:30 PM-07:45 PM</td>
<td>TTh</td>
<td>CANTWELL, CHARLES</td>
<td>MCJ4</td>
</tr>
<tr>
<td>ART 2H</td>
<td>20828</td>
<td>LEC</td>
<td>08:00 AM-10:40 AM</td>
<td>S</td>
<td>LEVITCH, JEFFREY</td>
<td>1602</td>
</tr>
<tr>
<td>ART 2I</td>
<td>20838</td>
<td>LEC</td>
<td>08:00 AM-09:50 AM</td>
<td>MWF</td>
<td>RAGEY, JOSEPH</td>
<td>1602</td>
</tr>
<tr>
<td>ART 2J</td>
<td>20047</td>
<td>LEC</td>
<td>01:30 PM-02:45 PM</td>
<td>MW</td>
<td>LUM, LINDA</td>
<td>1602</td>
</tr>
<tr>
<td>ART 2K</td>
<td>20839</td>
<td>LEC</td>
<td>03:00 PM-04:15 PM</td>
<td>TTh</td>
<td>LUM, LINDA</td>
<td>1602</td>
</tr>
<tr>
<td>ART 2L</td>
<td>20840</td>
<td>LEC</td>
<td>11:00 AM-01:50 PM</td>
<td>S</td>
<td>LEVITCH, JEFFREY</td>
<td>1602</td>
</tr>
<tr>
<td>ART 2M</td>
<td>20841</td>
<td>LEC</td>
<td>03:00 PM-04:15 PM</td>
<td>MWF</td>
<td>RAGEY, JOSEPH</td>
<td>1602</td>
</tr>
<tr>
<td>ART 2N</td>
<td>20842</td>
<td>LEC</td>
<td>01:30 PM-02:45 PM</td>
<td>MW</td>
<td>LUM, LINDA</td>
<td>1602</td>
</tr>
<tr>
<td>ART 2O</td>
<td>20843</td>
<td>LEC</td>
<td>03:00 PM-04:15 PM</td>
<td>MWF</td>
<td>RAGEY, JOSEPH</td>
<td>1602</td>
</tr>
</tbody>
</table>

### Notes:
- **ART 2A:** History of Western art from Prehistory through Early Christianity. An introductory survey examining images, objects, and architecture produced from the Paleolithic era to the end of the Roman Empire. We will discuss Prehistoric, Mesopotamian, Egyptian, Greek, Roman, and Early Byzantine culture. Illustrated lectures and readings.
- **ART 2B:** History of Western Art from the Middle Ages to the Renaissance. Advisories: Not open to students with credit in ART 2B.
- **ART 2C:** 4.5 Units
- **ART 2D:** 4.5 Units
- **ART 2E:** 4.5 Units
- **ART 2F:** 4.5 Units
- **ART 2G:** 4.5 Units
- **ART 2H:** 4.5 Units
- **ART 2I:** 4.5 Units
- **ART 2J:** 4.5 Units
- **ART 2K:** 4.5 Units
- **ART 2L:** 4.5 Units
- **ART 2M:** 4.5 Units
- **ART 2N:** 4.5 Units
- **ART 2O:** 4.5 Units
- **ART 2P:** 4.5 Units
- **ART 2Q:** 4.5 Units
- **ART 2R:** 4.5 Units
- **ART 2S:** 4.5 Units
- **ART 2T:** 4.5 Units
- **ART 2U:** 4.5 Units
- **ART 2V:** 4.5 Units
- **ART 2W:** 4.5 Units
- **ART 2X:** 4.5 Units
- **ART 2Y:** 4.5 Units
- **ART 2Z:** 4.5 Units

### Additional Information:
- **Not Repeatable:**
- **Credits:**
- **Units:**
- **Locations:**
- **Off-Campus class:**
- **Online class:**
- **Middlefield Campus class:**
- **Evening classes are shaded.**

---

**Unless otherwise noted in the schedule, Fall Quarter 2012 classes run September 24 to December 14, 2012. 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 August 20. Course listing and footnote information may have significantly changed. For the most accurate, current course listings, always access the class schedule.**
# FALL QUARTER 2012 COURSES

<table>
<thead>
<tr>
<th>Course Number</th>
<th>CRN</th>
<th>Course ID</th>
<th>Activity</th>
<th>Title</th>
<th>Units</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>20829</td>
<td>20829</td>
<td>ART-004B-04Q</td>
<td>LEC 08:00 AM-10:40 AM</td>
<td>TTH</td>
<td>LEVITCH, JEFFREY</td>
<td>1602</td>
<td></td>
</tr>
<tr>
<td>20687</td>
<td>20687</td>
<td>ART-004B-05W</td>
<td>LEC 08:00 AM-10:40 AM</td>
<td>TTH</td>
<td>LEVITCH, JEFFREY</td>
<td>1602</td>
<td></td>
</tr>
<tr>
<td>20803</td>
<td>20803</td>
<td>ART-004C-04Q</td>
<td>LAB 11:00 AM-01:30 PM</td>
<td>S</td>
<td>LEVITCH, JEFFREY</td>
<td>1602</td>
<td></td>
</tr>
</tbody>
</table>

**ART 4C** DRAWING III  4 Units  
Advisory: ART 4A, 4B.  
3 hours lecture, 3 hours laboratory. (72 total hours per quarter.) 
Not Repeatable.  
In-depth theory and practice of advanced level drawing; great works of contemporary drawings will be studied. In this course students will develop a thematic personal series and personal content. Dialogue will be pursued in the increased understanding of contemporary issues related to drawing.

<table>
<thead>
<tr>
<th>Course Number</th>
<th>CRN</th>
<th>Course ID</th>
<th>Activity</th>
<th>Title</th>
<th>Units</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>20601</td>
<td>20601</td>
<td>ART-004C-02Q</td>
<td>LEC 01:30 PM-02:45 PM</td>
<td>MW</td>
<td>LUM, LINDA</td>
<td>1602</td>
<td></td>
</tr>
<tr>
<td>20110</td>
<td>20110</td>
<td>ART-004C-03Q</td>
<td>LEC 06:30 PM-07:45 PM</td>
<td>TTH</td>
<td>CANTWELL, CHARLES</td>
<td>1602</td>
<td></td>
</tr>
<tr>
<td>20807</td>
<td>20807</td>
<td>ART-004D-04Q</td>
<td>LAB 08:00 AM-09:15 PM</td>
<td>TTH</td>
<td>CANTWELL, CHARLES</td>
<td>1602</td>
<td></td>
</tr>
</tbody>
</table>

**ART 4D** FIGURE DRAWING  4 Units  
3 hour lecture, 3 hour laboratory. (72 total hours per quarter.) 
Not Repeatable.  
Offers lectures, demonstrations, and individualized training in representational drawing of the human figure. Emphasizes analytical problem solving techniques, drawing methods, anatomy, proportion, and composition. Discusses art concepts, vocabulary, and skills to critically analyze drawings.

<table>
<thead>
<tr>
<th>Course Number</th>
<th>CRN</th>
<th>Course ID</th>
<th>Activity</th>
<th>Title</th>
<th>Units</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>21411</td>
<td>21411</td>
<td>ART-004D-01</td>
<td>LEC 06:30 PM-07:45 PM</td>
<td>MW</td>
<td>CANTWELL, CHARLES</td>
<td>1602</td>
<td></td>
</tr>
</tbody>
</table>

**ART 5A** BASIC TWO-DIMENSIONAL DESIGN  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.

<table>
<thead>
<tr>
<th>Course Number</th>
<th>CRN</th>
<th>Course ID</th>
<th>Activity</th>
<th>Title</th>
<th>Units</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>20825</td>
<td>20825</td>
<td>ART-005A-01</td>
<td>LEC 10:00 AM-12:50 PM</td>
<td>TTH</td>
<td>GOMES, HILARY</td>
<td>1601</td>
<td></td>
</tr>
<tr>
<td>20686</td>
<td>20686</td>
<td>ART-005A-02W</td>
<td>LAB 10:00 AM-12:50 PM</td>
<td>T</td>
<td>GOMES, HILARY</td>
<td>1601</td>
<td></td>
</tr>
</tbody>
</table>

**ART 6** COLLAGE & COMPOSITION  3 Units  
Advisory: ART 4A or 5A.  
6 hours lecture-laboratory. (72 total hours per quarter.)  
May be taken three times for credit.  
Studio experience in structuring the elements of visual form using, but not limited to, the exploratory medium of collage. Development of a personal sensitivity to visual organization and the vocabulary of art as it relates to expressiveness and content.

<table>
<thead>
<tr>
<th>Course Number</th>
<th>CRN</th>
<th>Course ID</th>
<th>Activity</th>
<th>Title</th>
<th>Units</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>20049</td>
<td>20049</td>
<td>ART-006-02W</td>
<td>LEC 06:30 PM-09:20 PM</td>
<td>M</td>
<td>LEVITCH, JEFFREY</td>
<td>1602</td>
<td></td>
</tr>
</tbody>
</table>

**ART 14C** PAINTING WITH THE COMPUTER  3 Units  
Advisory: ART 4A or 5A.  
3 hours lecture, 3 hours laboratory. (72 total hours per quarter.)  
May be taken three times for credit.  
Basic instruction in using computers and computer software to produce images for artistic expression and graphic design.

<table>
<thead>
<tr>
<th>Course Number</th>
<th>CRN</th>
<th>Course ID</th>
<th>Activity</th>
<th>Title</th>
<th>Units</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>21415</td>
<td>21415</td>
<td>ART-014A-01W</td>
<td>LEC 10:00 AM-12:50 PM</td>
<td>F</td>
<td>GOMES, HILARY</td>
<td>1602</td>
<td></td>
</tr>
</tbody>
</table>

**ART 19A** PAINTING I  4 Units  
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.

<table>
<thead>
<tr>
<th>Course Number</th>
<th>CRN</th>
<th>Course ID</th>
<th>Activity</th>
<th>Title</th>
<th>Units</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>21406</td>
<td>21406</td>
<td>ART-019A-01</td>
<td>LEC 10:00 AM-12:50 PM</td>
<td>F</td>
<td>GOMES, HILARY</td>
<td>1602</td>
<td></td>
</tr>
</tbody>
</table>

**ART 20A** COLOR I  3 Units  
6 hours lecture-laboratory. (72 total hours per quarter.) 
Not Repeatable.  
A fundamental course in color and its creative application.

<table>
<thead>
<tr>
<th>Course Number</th>
<th>CRN</th>
<th>Course ID</th>
<th>Activity</th>
<th>Title</th>
<th>Units</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>20050</td>
<td>20050</td>
<td>ART-020A-01L</td>
<td>LEC 10:00 AM-12:50 PM</td>
<td>MW</td>
<td>LUM, LINDA</td>
<td>1601</td>
<td></td>
</tr>
<tr>
<td>21405</td>
<td>21405</td>
<td>ART-020A-02Y</td>
<td>LAB 06:30 PM-09:20 PM</td>
<td>M</td>
<td>LUM, LINDA</td>
<td>1601</td>
<td></td>
</tr>
</tbody>
</table>

**ART 20B** COLOR II  3 Units  
Prerequisite: ART 20A.  
6 hours lecture-laboratory. (72 total hours per quarter.) 
Not Repeatable.  
Continued practice in creative application of color theory with emphasis on the study of perception, simultaneous contrast and Munsell theory.

<table>
<thead>
<tr>
<th>Course Number</th>
<th>CRN</th>
<th>Course ID</th>
<th>Activity</th>
<th>Title</th>
<th>Units</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>21753</td>
<td>21753</td>
<td>ART-028B-01W</td>
<td>LEC 08:00 AM-10:40 AM</td>
<td>S</td>
<td>LEVITCH, JEFFREY</td>
<td>1602</td>
<td></td>
</tr>
</tbody>
</table>

**ART 35X** HONORS SPECIAL PROJECTS IN ART  1.5 Units  
4.5 hours laboratory. (54 total hours per quarter.)
## FALL QUARTER 2012 COURSES

**Course Number** | **CRN** | **Course ID** | **Activity** | **Title** | **Time** | **Days** | **Instructor** | **Location** | **Units** | **Location**
---|---|---|---|---|---|---|---|---|---|---
**ART 36** | 21430 | ART-035X-010 | LAB | HISTORY OF GRAPHIC DESIGN | 10:00 AM-12:05 PM | TTh | RUBLE, ANDREW | 1803 | 4 | Middlefield Campus class
**ART 39** | 21454 | ART-039-01 | LEC | SCREENPRINTING | 09:00 AM-10:15 AM | TTh | MANSKE, KENT | 1801 | 4 | Online class
**ART 40** | 21452 | ART-040-01 | LEC | PRINT ARTS I | 09:00 AM-10:15 AM | F | MANSKE, KENT | 1801 | 4 | Off-Campus class
**ART 45A** | 20804 | ART-045A-01 | LEC | BEGINNING CERAMICS HANDBUILDING | 01:30 PM-02:45 PM | MW | SIEGEL, CYNTHIA | 1803 | 4 | Middlefield Campus class
**ART 45B** | 21995 | ART-045B-03 | LAB | BEGINNING CERAMICS POTTER’S WHEEL | 10:00 AM-11:15 AM | TTh | RUBLE, ANDREW | 1803 | 4 | Off-Campus class

**Course Number** | **CRN** | **Course ID** | **Activity** | **Title** | **Time** | **Days** | **Instructor** | **Location** | **Units** | **Location**
---|---|---|---|---|---|---|---|---|---|---
**ART 45F** | 20836 | ART-047-01Y | LEC | LOW-TEMPERATURE CERAMIC FIRING & GLAZING TECHNIQUES | 01:30 PM-04:20 PM | M | RAGET, JOSEPH | 1601 | 3 | Evening classes are shaded.
**ART 47** | 21427 | ART-045F-01 | L-L | LOW-TEMPERATURE CERAMIC FIRING | 01:30 PM-04:20 PM | TTh | RUBLE, ANDREW | 1803 | 3 | Online class
**ART 77** | 22023 | ASRL-999-01 | LAB | POTTER’S WHEEL II | 01:30 PM-04:20 PM | TTh | RUBLE, ANDREW | 1803 | 3 | Off-Campus class

**ART 36**
- Advisory: Not open to students with credit in GID 1 or GRDS 36.
- 4 hours lecture. (48 total hours per quarter.)
- Not Repeatable.

A study of the development of visual communication in art, graphic design, illustration and popular culture. Emphasis on the role, impact and interpretation of images, symbols, and typography used in informative and persuasive media.

**ART 39**
- Advertisements: Not open to students with credit in GID 46.
- 3 hours lecture, 3 hours laboratory. (72 total hours per quarter.)
- May be taken three times for credit.

Introduction to the printmaking processes of relief, intaglio, screenprinting and monoprinting. Theory and practice making images for limited-edition and one-of-a-kind fine art prints.

**ART 40**
- Formerly: ART 69
- Advisory: ART 4A and 5A; not open to students with credit in GID 38 or GRDS 69.
- 3 hours lecture, 3 hours laboratory. (72 total hours per quarter.)
- May be taken three times for credit.

Theory and practice making limited-edition and one-of-a-kind fine art prints.

**ART 45F**
- 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 thrown advanced forms on the potter’s wheel, combining hand-built and wheel-thrown forms, glazing these forms, and understanding kiln loading and firing procedures.

**ART 47**
- Advisory: ART 4A or 5A; ART 48, 20A.
- 6 hours lecture-laboratory. (72 total hours per quarter.)
- Not Repeatable.

Study of transparent and opaque watercolor techniques. Emphasis on basic techniques of painting and composition.

**ART 77**
- Formerly: ART 46B
- Advisory: Not open to students with credit in ART 46B.
- 6 hours lecture-laboratory. (72 total hours per quarter.)
- Not Repeatable.

Provides intermediate level instruction in clay processes covering intermediate wheel-throwing methods, glazing, decorating, and firing procedures. Explores technical problem solving, and creative design.

Unless otherwise noted in the schedule, Fall Quarter 2012 classes run September 24 to December 14, 2012. 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 August 20. Course listing and footnote information may have significantly changed. For the most accurate, current course listings, always access the class schedule.
Astronomy

Physical Sciences, Mathematics & Engineering

(650) 949-7259
www.foothill.edu

ASTR 10A GENERAL ASTRONOMY: SOLAR SYSTEM 5 Units
Advisory: Concurrent enrollment in ASTR 10L. 5 hours lecture, 15 lecture-laboratory, 10 hours laboratory. (120 total hours per quarter.)
Not Repeatable.
Non-technical introduction to astronomy, with emphasis on the planets, 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.

ASTR 10B GENERAL ASTRONOMY:STAR, GALAXIES, COSMOLOGY 5 Units
Advisory: Concurrent enrollment in ASTR 10L; not open to students with credit in ASTR 10BH. 5 hours lecture. (60 total hours per quarter.)
Not Repeatable.
Non-technical introduction to astronomy, with emphasis on stars, galaxies, and the origin and evolution of the universe. Topics include the nature of light, the atom, and telescopes; the birth, evolution, and death of stars (including an introduction to black holes); the Milky Way Galaxy and its development over time; normal galaxies, active galaxies, and cannibal galaxies; and the Big Bang model (of the origin and ultimate fate of the cosmos). No background in science or math is assumed.

Biology

Biological & Health Sciences

(650) 949-7249
www.foothill.edu/bio/programs/biosci/

BIOL 1A PRINCIPLES OF CELL BIOLOGY 6 Units
Prerequisite: CHEM 1A.
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.
An introduction to biological molecules, cellular structure and function, bioenergetics, the genetics of both prokaryotic and eukaryotic organisms, cell communication and signaling, the cell cycle, and elements of molecular biology. Intended for biology majors.

BIOL 001A.01 LEC 08:00 AM-09:50 AM MW ERICKSON, KAREN 8403
LAB 09:00 AM-10:50 AM MW ROUHBAKHSH, DABBEH 8708
Prerequisite: BIOL 1A.
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.

BIOL 001A.02 LEC 08:00 AM-09:50 AM MW ERICKSON, KAREN 8403
LAB 10:00 AM-11:50 AM MW ROUHBAKHSH, DABBEH 8708
BIOL 001A.03: 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 001A.04 LEC 09:00 AM-10:50 AM MW ERICKSON, KAREN 8403
LAB 11:00 AM-12:50 PM MW FRAKNOI, ANDREW 8015
BIOL 001A.05: 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 8 BASIC NUTRITION 5 Units
Advisories: MATH 200; eligibility for ENGL 1A.
5 hours lecture. (60 total hours per quarter.)
Not Repeatable.

BIOL 9 ENVIRONMENTAL BIOLOGY 4 Units
4 hours lecture. (48 total hours per quarter.)
Not Repeatable.
An introduction to environmental biology and a survey of the biological and ecological principles needed to understand environmental issues. Global, national and local perspectives on current issues such as resource use, pollution, biodiversity and impacts of human population growth.

BIOL 9L ENVIRONMENTAL BIOLOGY LABORATORY 1 Unit
Corequisite: BIOL 9.
1 hour lecture-laboratory, 2 hours laboratory. In-class field trips. (36 total hours per quarter.)
Not Repeatable.
An introduction to environmental biology through laboratory and field experiments, examination of local examples illustrating ecological concepts, use of sampling techniques to assess environmental quality, and student research of environmental topics.

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.

BIOL 12 HUMAN GENETICS 4 Units
4 hours lecture. (48 total hours per quarter.)
Not Repeatable.
An introduction to the nature of human inheritance. The molecular basis of inheritance, Mendelian genetics, population genetics, common human genetic diseases, factors affecting human diversity and the social and moral implications of recent advances in genetics.

BIOL 13 MARINE BIOLOGY 5 Units
4 hours lecture, 1 hour lecture-laboratory, 2 hours laboratory, three all-day field trips. (84 total hours per quarter.)
Not Repeatable.
An introduction to biology using marine animals, plants and ecosystems. Major emphasis given to the ecology and conservation issues with examples drawn from California marine life. Conceptual development of seashore, estuaries, coral reefs, kelp forests, and pelagic life as interrelated ecosystems.

BIOL 14 HUMAN BIOLOGY 5 Units
4 hours lecture, 1 hour lecture-laboratory, 2 hours laboratory. (84 total hours per quarter.)
Not Repeatable.
An introduction to biology using human beings as the exemplary organism. The evolution and biological unity of the human species and of all life forms; American and global patterns of human biological diversity; reproduction and heredity; how human organ systems function; humans and their environment; the uses and misuses of the scientific method; the scientific and biological bases for human equality.

BIOL 40A HUMAN ANATOMY & PHYSIOLOGY I 5 Units
Prerequisites: High school biology or BIOL 10 or equivalent; high school chemistry or CHEM 30A or equivalent.
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.

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.

BIOL 41  MICROBIOLOGY  6 Units
Prerequisite: High school chemistry or CHEM 30A.
Advisory: ESL 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.

www.foothill.edu  15  Foothill College • Fall Quarter 2012

Unless otherwise noted in the schedule, Fall Quarter 2012 classes run September 24 to December 14, 2012. 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 a student who is enrolled but does not attend the first class meeting. The course listings in this PDF were accurate as of August 20. Course listing and footnote information may have significantly changed. For the most accurate, current course listings, always access the class schedule.
### FALL QUARTER 2012 COURSES

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Title</th>
<th>Activity</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL-041.-01</td>
<td>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.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BIOL-041.-02</td>
<td>LEC 12:00 PM-01:50 PM</td>
<td>TTh</td>
<td>EDWARDS, AMELIA</td>
<td>8402</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BIOL-041.-03</td>
<td>LAB 06:30 PM-08:30 PM</td>
<td>TTh</td>
<td>STAFF, M</td>
<td>5105</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BIOL-041.-04</td>
<td>LEC 12:00 PM-01:50 PM</td>
<td>WF</td>
<td>EDWARDS, AMELIA</td>
<td>8402</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BIOL-041.-05</td>
<td>LAB 06:30 PM-08:30 PM</td>
<td>TTh</td>
<td>STAFF, M</td>
<td>5105</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BIOL-041.-06</td>
<td>LEC 12:00 PM-01:50 PM</td>
<td>WF</td>
<td>EDWARDS, AMELIA</td>
<td>8402</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BIOL-041.-07</td>
<td>LAB 06:30 PM-08:30 PM</td>
<td>TTh</td>
<td>STAFF, M</td>
<td>5105</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### BUSINESS

**Business & Social Sciences**  (650) 949-7322  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.

**BUSI 11 INTRODUCTION TO INFORMATION SYSTEMS**  5 Units

Formerly: CIS 10

Advisory: MATH 220 or equivalent; eligibility for ENGL 1A or ESL 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.

**BUSI 18 BUSINESS LAW I**  5 Units

Advisory: Eligibility for ENGL 1A or ESL 26 recommended; UC will accept for transfer credit either BUSI 18 or BUSI 19, not both.

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

Not Repeatable.

Introduction to law applicable to business. Social forces and the law; source of law; agencies for enforcement; and court systems and procedures. California law applicable to contracts, tort negligence, agency, and the Uniform Commercial Code. Contemporary Legal Issues.

**BUSI 22 PRINCIPLES OF BUSINESS**  4 Units

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

Not Repeatable.

Examination of the principles and functions of business and the objectives and operations of the corporate and small business managerial decision-making process; its relations to consumers and stakeholders and its global orientation. Includes focus on the economic, political, legal, social environments of business and corporate ethics and social responsibility.
### Fall Quarter 2012 Courses

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course ID</th>
<th>Activity</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>20086</td>
<td>BUSI-022.-01</td>
<td>LEC</td>
<td>Time</td>
<td></td>
</tr>
<tr>
<td>20066</td>
<td>BUSI-022.-02</td>
<td>LEC</td>
<td>10:00 AM-11:50 AM</td>
<td></td>
</tr>
<tr>
<td>20087</td>
<td>BUSI-022.-03</td>
<td>LEC</td>
<td>06:00 PM-08:50 PM</td>
<td></td>
</tr>
<tr>
<td>20088</td>
<td>BUSI-022.-04W</td>
<td>LEC</td>
<td>TBA</td>
<td></td>
</tr>
<tr>
<td>BUSI-022.-0WW</td>
<td>LEC</td>
<td>08:00 AM-09:50 AM</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BUSI-022.-05W</td>
<td>LEC</td>
<td>05:00 PM-08:50 PM</td>
<td></td>
<td></td>
</tr>
<tr>
<td>21033</td>
<td>BUSI-022.-06</td>
<td>LEC</td>
<td>08:00 AM-09:50 AM</td>
<td></td>
</tr>
<tr>
<td>21036</td>
<td>BUSI-022.-07</td>
<td>LEC</td>
<td>06:00 PM-08:50 PM</td>
<td></td>
</tr>
<tr>
<td>22021</td>
<td>BUSI-022.-08</td>
<td>LEC</td>
<td>10:00 AM-11:50 AM</td>
<td></td>
</tr>
</tbody>
</table>

### BUSI 53 Survey of International Business
4 Units
Advisory: Not open to students with credit in BUSI 20.
4 hours lecture. (48 total hours per quarter.)
Not Repeatable.
Introduction to the global commercial community, theory and practice. Exploration of trade and development with the Pacific Rim, Eastern/ Western Europe, Third World and developing nations. Major economic, social, political, cultural forces directing the competitive business environment. Examination of the full range of international commercial activities, marketing, logistics, research, risk analysis, and global corporate ethics and social responsibility.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course ID</th>
<th>Activity</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>20089</td>
<td>BUSI-053.-01</td>
<td>LEC</td>
<td>10:00 AM-11:50 AM</td>
<td></td>
</tr>
</tbody>
</table>

### 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.

### BUSI 64 Special Projects in Business
1 Unit
Advisory: Enrollment is limited to six times within the BUSI 64 group.
1 hour lecture for each unit of credit. (12 total hours per quarter.)
May be taken six times for credit.
Advanced readings, research, and/or project in business. Specific topics determined in consultation with instructor.

### 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, database and communications software.

### BUSI 95 Entrepreneurship - Small Business Management
4 Units

### Computer Science

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course ID</th>
<th>Activity</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>21793</td>
<td>CS-001A-01Y</td>
<td>LEC</td>
<td>08:00 AM-09:50 AM</td>
<td></td>
</tr>
<tr>
<td>21794</td>
<td>CS-001A-02Y</td>
<td>LEC</td>
<td>12:30 PM-02:20 PM</td>
<td></td>
</tr>
<tr>
<td>21795</td>
<td>CS-001A-03Y</td>
<td>LEC</td>
<td>06:00 PM-07:50 PM</td>
<td></td>
</tr>
<tr>
<td>21796</td>
<td>CS-001A-04W</td>
<td>LEC</td>
<td>TBA</td>
<td></td>
</tr>
<tr>
<td>21797</td>
<td>CS-001A-05W</td>
<td>LEC</td>
<td>TBA</td>
<td></td>
</tr>
<tr>
<td>21798</td>
<td>CS-001A-06W</td>
<td>LEC</td>
<td>TBA</td>
<td></td>
</tr>
<tr>
<td>21799</td>
<td>CS-001A-07W</td>
<td>LEC</td>
<td>TBA</td>
<td></td>
</tr>
<tr>
<td>21807</td>
<td>CS-001A-08W</td>
<td>LEC</td>
<td>TBA</td>
<td></td>
</tr>
<tr>
<td>21808</td>
<td>CS-001A-09W</td>
<td>LEC</td>
<td>TBA</td>
<td></td>
</tr>
</tbody>
</table>

### CS 1A Object-Oriented Programming Methodologies in Java
5 Units
Advisory: Satisfactory score on the mathematics placement test or MAT 105 or 108; not open to students with credit in CS 27A.
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.

### CS 1C Advanced Data Structures & Algorithms in Java
5 Units
Formerly: CIS 27C
Prerequisite: C S 1B.
Advisory: ENGL 1A or ESLL 26; not open to students with credit in CIS 27C.
4 hours lecture, 3 hours laboratory. (84 total hours per quarter.)
Not Repeatable.
This course is a systematic treatment of advanced data structures, algorithm analysis and abstract data types in the Java programming language intended for Computer Science majors as well as non-majors and professionals seeking advanced Java experience. Coding topics include the development of ADTs from scratch, building ADTs on top of the Java util collections, array lists, linked lists, trees, maps, hashing functions and graphs. Concept topics include searching, big-O time complexity, analysis of all major sorting techniques, top down binary tree balancing, AVL tree balancing, shortest path algorithms, minimum spanning trees and maximum flow graphs.

### CS 2A Object-Oriented Programming Methodologies in C++
5 Units

---

Unless otherwise noted in the schedule, Fall Quarter 2012 classes run September 24 to December 14, 2012. 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 August 20. Course listing and footnote information may have significantly changed. For the most accurate, current course listings, always access the class schedule.

www.foothill.edu
## FALL QUARTER 2012 COURSES

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>21800 CS-002A-01Y</td>
<td>LEC 10:00 AM-11:50 AM</td>
<td>MW HIGHTHA, ELAINE</td>
</tr>
<tr>
<td>21801 CS-002A-02Y</td>
<td>LEC 08:00 AM-09:50 AM</td>
<td>TARVER, DONALD</td>
</tr>
<tr>
<td>21802 CS-002A-03Y</td>
<td>LEC 06:00 PM-07:50 PM</td>
<td>TBA STAFF, M</td>
</tr>
<tr>
<td>21803 CS-002A-04W</td>
<td>LEC 08:00 AM-09:50 AM</td>
<td>TARVER, DONALD</td>
</tr>
<tr>
<td>21804 CS-002A-05W</td>
<td>LEC 06:00 PM-07:50 PM</td>
<td>TBA STAFF, M</td>
</tr>
<tr>
<td>21805 CS-002A-06W</td>
<td>LEC 06:00 PM-07:50 PM</td>
<td>TARVER, DONALD</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>21810 CS-049-01Y</td>
<td>LEC 08:00 AM-09:50 AM</td>
<td>M HAIGHT, ELAINE</td>
</tr>
<tr>
<td>21791 CS-049-03Y</td>
<td>LEC 06:00 PM-07:50 PM</td>
<td>T TBA STAFF, M</td>
</tr>
<tr>
<td>21792 CS-049-04Y</td>
<td>LEC 06:00 PM-07:50 PM</td>
<td>T TBA STAFF, M</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>22019 CS-052A-01Y</td>
<td>LEC 06:00 PM-07:50 PM</td>
<td>MURPHY, WILLIAM</td>
</tr>
<tr>
<td>22018 CS-050B-01Y</td>
<td>LEC 06:00 PM-07:50 PM</td>
<td>MURPHY, WILLIAM</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>22017 CS-050B-02Y</td>
<td>LEC 06:00 PM-07:50 PM</td>
<td>T TBA MURPHY, WILLIAM</td>
</tr>
<tr>
<td>22016 CS-050B-03Y</td>
<td>LEC 06:00 PM-07:50 PM</td>
<td>MURPHY, WILLIAM</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>22015 CS-052A-01Y</td>
<td>LEC 06:00 PM-07:50 PM</td>
<td>MURPHY, WILLIAM</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>22014 CS-050A-01Y</td>
<td>LEC 06:00 PM-07:50 PM</td>
<td>MURPHY, WILLIAM</td>
</tr>
<tr>
<td>22013 CS-050A-02Y</td>
<td>LEC 06:00 PM-07:50 PM</td>
<td>T TBA MURPHY, WILLIAM</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>22012 CS-050A-03Y</td>
<td>LEC 06:00 PM-07:50 PM</td>
<td>MURPHY, WILLIAM</td>
</tr>
<tr>
<td>22011 CS-050A-04Y</td>
<td>LEC 06:00 PM-07:50 PM</td>
<td>MURPHY, WILLIAM</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>22010 CS-050A-05Y</td>
<td>LEC 06:00 PM-07:50 PM</td>
<td>MURPHY, WILLIAM</td>
</tr>
<tr>
<td>22009 CS-050A-06Y</td>
<td>LEC 06:00 PM-07:50 PM</td>
<td>MURPHY, WILLIAM</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>22008 CS-050A-07Y</td>
<td>LEC 06:00 PM-07:50 PM</td>
<td>MURPHY, WILLIAM</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>22007 CS-050A-08Y</td>
<td>LEC 06:00 PM-07:50 PM</td>
<td>MURPHY, WILLIAM</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>22006 CS-050A-09Y</td>
<td>LEC 06:00 PM-07:50 PM</td>
<td>MURPHY, WILLIAM</td>
</tr>
<tr>
<td>22005 CS-050A-10Y</td>
<td>LEC 06:00 PM-07:50 PM</td>
<td>MURPHY, WILLIAM</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>22004 CS-050A-11Y</td>
<td>LEC 06:00 PM-07:50 PM</td>
<td>MURPHY, WILLIAM</td>
</tr>
<tr>
<td>22003 CS-050A-12Y</td>
<td>LEC 06:00 PM-07:50 PM</td>
<td>MURPHY, WILLIAM</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>22002 CS-050A-13Y</td>
<td>LEC 06:00 PM-07:50 PM</td>
<td>MURPHY, WILLIAM</td>
</tr>
<tr>
<td>22001 CS-050A-14Y</td>
<td>LEC 06:00 PM-07:50 PM</td>
<td>MURPHY, WILLIAM</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>22000 CS-050A-15Y</td>
<td>LEC 06:00 PM-07:50 PM</td>
<td>MURPHY, WILLIAM</td>
</tr>
<tr>
<td>21999 CS-050A-16Y</td>
<td>LEC 06:00 PM-07:50 PM</td>
<td>MURPHY, WILLIAM</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>21998 CS-050A-17Y</td>
<td>LEC 06:00 PM-07:50 PM</td>
<td>MURPHY, WILLIAM</td>
</tr>
<tr>
<td>21997 CS-050A-18Y</td>
<td>LEC 06:00 PM-07:50 PM</td>
<td>MURPHY, WILLIAM</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>21996 CS-050A-19Y</td>
<td>LEC 06:00 PM-07:50 PM</td>
<td>MURPHY, WILLIAM</td>
</tr>
<tr>
<td>21995 CS-050A-20Y</td>
<td>LEC 06:00 PM-07:50 PM</td>
<td>MURPHY, WILLIAM</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>21994 CS-050A-21Y</td>
<td>LEC 06:00 PM-07:50 PM</td>
<td>MURPHY, WILLIAM</td>
</tr>
<tr>
<td>21993 CS-050A-22Y</td>
<td>LEC 06:00 PM-07:50 PM</td>
<td>MURPHY, WILLIAM</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>21992 CS-050A-23Y</td>
<td>LEC 06:00 PM-07:50 PM</td>
<td>MURPHY, WILLIAM</td>
</tr>
<tr>
<td>21991 CS-050A-24Y</td>
<td>LEC 06:00 PM-07:50 PM</td>
<td>MURPHY, WILLIAM</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>21990 CS-050A-25Y</td>
<td>LEC 06:00 PM-07:50 PM</td>
<td>MURPHY, WILLIAM</td>
</tr>
<tr>
<td>21989 CS-050A-26Y</td>
<td>LEC 06:00 PM-07:50 PM</td>
<td>MURPHY, WILLIAM</td>
</tr>
</tbody>
</table>

The course is an introduction to basic computer programming concepts using an object-oriented style, documentation, debugging techniques and testing.

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 advanced C++ experience. 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.

This course is a systematic treatment of advanced data structures, algorithm analysis and abstract data types in the C++ programming language intended for Computer Science majors as well as non-majors and professionals seeking advanced C++ experience. Coding topics include the development of ADTs from scratch, building ADTs on top of the STL templates, vectors, lists, trees, maps, hashing functions and graphs. Concept topics include searching, big-O time complexity, analysis of all major sorting techniques, top down spaying, AVL tree balancing, shortest path algorithms, minimum spanning trees and maximum flow graphs.

This course covers the organizations, 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, IA-32 architecture, structured assembly language code, interrupts, input/output, peripheral storage processing, and comparison of CISC (Intel) and RISC (MIPS) instruction sets.

This course is designed to help students advance their knowledge and skills in independently on complex network solutions. Students will learn to plan, configure and verify the implementation of secure enterprise LAN and WAN routing solutions using a range of routing protocols. Course also teaches the configuration of solutions to support branch offices and mobile workers. This course uses the official Cisco Academy CCNP ROUTE curriculum and is designed to provide preparation for the CCNP ROUTE certification exam.

This course provides students a broad and in-depth knowledge of Storage and Storage networking concepts, applications, and technologies. Storage Fundamentals including storage attachment architectures, the SCSI protocol, disk and tape drive concepts, RAID and JBOD, IP-based SANs, and Storage Networking Issues. We also discuss the applications driving SAN adoption. This course is

Unless otherwise noted in the schedule, Fall Quarter 2012 classes run September 24 to December 14, 2012. 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 August 20. Course listing and footnote information may have significantly changed. For the most accurate, current course listings, always access the class schedule.
<table>
<thead>
<tr>
<th>Course Number</th>
<th>CRN</th>
<th>Course ID</th>
<th>Activity</th>
<th>Title</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM-001A-01</td>
<td>20094</td>
<td>CS-054A-01</td>
<td>LEC</td>
<td>09:00 AM-10:50 AM TTh MURPHY, WILLIAM</td>
<td>06:00 PM-09:50 PM</td>
<td>TBA</td>
<td>MURPHY, WILLIAM</td>
<td>ONLINE</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>LAB</td>
<td></td>
<td></td>
<td>TBA</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>LAB</td>
<td></td>
<td></td>
<td>L-L</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>20095</td>
<td>CS-054A-02</td>
<td>LEC</td>
<td>09:00 AM-10:50 AM TTh MURPHY, WILLIAM</td>
<td>06:00 PM-09:50 PM</td>
<td>TBA</td>
<td>MURPHY, WILLIAM</td>
<td>ONLINE</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>LAB</td>
<td></td>
<td></td>
<td>TBA</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>20096</td>
<td>CS-054A-03</td>
<td>LEC</td>
<td>11:00 AM-12:50 AM TTh MURPHY, WILLIAM</td>
<td>06:00 PM-09:50 PM</td>
<td>TBA</td>
<td>MURPHY, WILLIAM</td>
<td>ONLINE</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>LAB</td>
<td></td>
<td></td>
<td>TBA</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>20097</td>
<td>CS-054A-04</td>
<td>LEC</td>
<td>09:00 AM-10:50 AM TTh MURPHY, WILLIAM</td>
<td>06:00 PM-09:50 PM</td>
<td>TBA</td>
<td>MURPHY, WILLIAM</td>
<td>ONLINE</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>LAB</td>
<td></td>
<td></td>
<td>TBA</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>20098</td>
<td>CS-054A-05</td>
<td>LEC</td>
<td>12:00 PM-01:50 PM TTh MURPHY, WILLIAM</td>
<td>12:00 PM-01:50 PM</td>
<td>TBA</td>
<td>MURPHY, WILLIAM</td>
<td>ONLINE</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>LAB</td>
<td></td>
<td></td>
<td>TBA</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>20099</td>
<td>CS-054A-06</td>
<td>LEC</td>
<td>12:00 PM-01:50 PM TTh MURPHY, WILLIAM</td>
<td>12:00 PM-01:50 PM</td>
<td>TBA</td>
<td>MURPHY, WILLIAM</td>
<td>ONLINE</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>LAB</td>
<td></td>
<td></td>
<td>TBA</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>20100</td>
<td>CS-054A-07</td>
<td>LEC</td>
<td>12:00 PM-01:50 PM TTh MURPHY, WILLIAM</td>
<td>12:00 PM-01:50 PM</td>
<td>TBA</td>
<td>MURPHY, WILLIAM</td>
<td>ONLINE</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>LAB</td>
<td></td>
<td></td>
<td>TBA</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**CHEM 1B GENERAL CHEMISTRY**

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.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course ID</th>
<th>Activity</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>20100</td>
<td>CHEM-001B-01</td>
<td>LEC</td>
<td>09:00 AM-10:50 AM TTh DALEY, RICHARD</td>
</tr>
<tr>
<td></td>
<td></td>
<td>LAB</td>
<td></td>
</tr>
</tbody>
</table>

**CHEM 1C GENERAL CHEMISTRY & QUALITATIVE ANALYSIS**

Prerequisite: CHEM 1B.

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

Not Repeatable.

Aqueous ion equilibrium 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.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course ID</th>
<th>Activity</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>20103</td>
<td>CHEM-001C-01</td>
<td>LEC</td>
<td>09:00 AM-10:50 AM TTh LIU, KEI</td>
</tr>
<tr>
<td></td>
<td></td>
<td>LAB</td>
<td></td>
</tr>
</tbody>
</table>

**CHEM 12A ORGANIC CHEMISTRY**

Prerequisite: CHEM 1C.

6 Units

Unless otherwise noted in the schedule, Fall Quarter 2012 classes run September 24 to December 14, 2012. 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 August 20. Course listing and footnote information may have significantly changed. For the most accurate, current course listings, always access the class schedule.
<table>
<thead>
<tr>
<th>Course Number CRN</th>
<th>Course ID</th>
<th>Activity</th>
<th>Title</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>20105 CHEM-012A-01</td>
<td>LEC 10:00 AM-11:50 AM</td>
<td>MW</td>
<td>ARMSTRONG, KATHLEEN</td>
<td>5901</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20105 CHEM-012A-01</td>
<td>L-L 09:00 AM-09:50 AM</td>
<td>MW</td>
<td>ARMSTRONG, KATHLEEN</td>
<td>5625</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20106 CHEM-012A-03</td>
<td>L-L 07:30 AM-08:20 AM</td>
<td>TTh</td>
<td>TAM, VICTOR</td>
<td>5501</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20106 CHEM-012A-03</td>
<td>L-L 11:00 AM-11:50 AM</td>
<td>MW</td>
<td>TAM, VICTOR</td>
<td>5602</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20106 CHEM-012A-03</td>
<td>LAB 12:00 PM-01:50 PM</td>
<td>MW</td>
<td>TAM, VICTOR</td>
<td>5625</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20110 CHEM-030A-01</td>
<td>LEC 10:00 AM-11:50 AM</td>
<td>TTh</td>
<td>MOSSMAN, CRAIG</td>
<td>4301</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20110 CHEM-030A-01</td>
<td>L-L 09:00 AM-10:00 AM</td>
<td>M</td>
<td>CAGAN, MYRON</td>
<td>5602</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20110 CHEM-030A-01</td>
<td>LAB 02:00 PM-03:00 PM</td>
<td>M</td>
<td>CAGAN, MYRON</td>
<td>5603</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20111 CHEM-030A-03</td>
<td>LEC 02:00 PM-03:50 PM</td>
<td>TTh</td>
<td>NGUYEN, ROSA</td>
<td>3525</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20111 CHEM-030A-03</td>
<td>LAB 11:00 AM-12:50 AM</td>
<td>T</td>
<td>NGUYEN, ROSA</td>
<td>5602</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20111 CHEM-030A-03</td>
<td>LAB 11:00 AM-12:50 AM</td>
<td>T</td>
<td>NGUYEN, ROSA</td>
<td>5603</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20112 CHEM-030A-04</td>
<td>LEC 10:00 AM-11:50 AM</td>
<td>T</td>
<td>NGUYEN, ROSA</td>
<td>3525</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20112 CHEM-030A-04</td>
<td>L-L 09:00 AM-10:00 AM</td>
<td>Th</td>
<td>NGUYEN, ROSA</td>
<td>5602</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20112 CHEM-030A-04</td>
<td>LAB 11:00 AM-12:50 AM</td>
<td>Th</td>
<td>NGUYEN, ROSA</td>
<td>5603</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20113 CHEM-030A-06</td>
<td>LEC 05:30 PM-07:20 PM</td>
<td>TTh</td>
<td>STAFF, M</td>
<td>5502</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20113 CHEM-030A-06</td>
<td>LAB 08:30 PM-10:20 PM</td>
<td>Th</td>
<td>STAFF, M</td>
<td>5602</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20113 CHEM-030A-06</td>
<td>LAB 08:30 PM-10:20 PM</td>
<td>Th</td>
<td>STAFF, M</td>
<td>5603</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20114 CHEM-025.-05</td>
<td>LEC 12:00 PM-01:50 PM</td>
<td>MW</td>
<td>LI, JIMMY</td>
<td>4301</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20114 CHEM-025.-05</td>
<td>LAB 09:00 AM-10:50 AM</td>
<td>W</td>
<td>LI, JIMMY</td>
<td>5603</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20114 CHEM-025.-05</td>
<td>LAB 09:00 AM-10:50 AM</td>
<td>W</td>
<td>LI, JIMMY</td>
<td>5603</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20115 CHEM-025.-06</td>
<td>LEC 05:30 PM-07:20 PM</td>
<td>MW</td>
<td>RUHLAND-FRITSCH,</td>
<td>5502</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20115 CHEM-025.-06</td>
<td>L-L 07:30 PM-08:20 PM</td>
<td>M</td>
<td>RUHLAND-FRITSCH,</td>
<td>5602</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20116 CHEM-030A-07</td>
<td>LEC 05:30 PM-07:20 PM</td>
<td>MW</td>
<td>RUHLAND-FRITSCH,</td>
<td>5602</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course Number CRN</th>
<th>Course ID</th>
<th>Activity</th>
<th>Title</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>2107 CHEM-025.-07</td>
<td>LEC 05:30 PM-07:20 PM</td>
<td>MW</td>
<td>RUHLAND-FRITSCH,</td>
<td>5602</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2107 CHEM-025.-07</td>
<td>L-L 07:30 PM-08:20 PM</td>
<td>W</td>
<td>RUHLAND-FRITSCH,</td>
<td>5603</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2116 CHEM-030B-01</td>
<td>LEC 11:00 AM-12:50 PM</td>
<td>TTh</td>
<td>MOSMAN, CRAIG</td>
<td>4301</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**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.

**CHEM 30A SURVEY OF INORGANIC & ORGANIC CHEMISTRY** 5 Units
Prerequisite: Satisfactory score on the Mathematics Placement Test or MATH 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.
FALL QUARTER 2012 COURSES

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Title</th>
<th>Activity</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>L-L 02:00 PM-02:50 PM T</td>
<td>MOSSMAN, CRAIG</td>
<td>MOSSMAN, CRAIG</td>
<td>5601</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>L-03:00 PM-04:00 PM T</td>
<td>MOSSMAN, CRAIG</td>
<td>MOSSMAN, CRAIG</td>
<td>5625</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>L-04:30 PM-05:30 PM T</td>
<td>MOSSMAN, CRAIG</td>
<td>MOSSMAN, CRAIG</td>
<td>5625</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>L-05:00 PM-06:00 PM T</td>
<td>MOSSMAN, CRAIG</td>
<td>MOSSMAN, CRAIG</td>
<td>5625</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>L-06:00 PM-07:00 PM T</td>
<td>MOSSMAN, CRAIG</td>
<td>MOSSMAN, CRAIG</td>
<td>5625</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>L-07:00 PM-08:00 PM T</td>
<td>MOSSMAN, CRAIG</td>
<td>MOSSMAN, CRAIG</td>
<td>5625</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>L-08:00 PM-09:00 PM T</td>
<td>MOSSMAN, CRAIG</td>
<td>MOSSMAN, CRAIG</td>
<td>5625</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20118 CHLD-056N-01 LEC 06:00 PM-09:40 PM T</td>
<td>THOMAS, JEANNE</td>
<td>MC P3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>21574 CHLD-051A-01 LEC 06:00 PM-09:40 PM T</td>
<td>DAHA, MARYAM</td>
<td>MC J6</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>21503 CHLD-001-02W LEC</td>
<td>KERBEY, NICOLE</td>
<td>KERBEY, NICOLE</td>
<td>ONLINE</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>21504 CHLD-002-02W LEC</td>
<td>SMITH, SHEILA</td>
<td>SMITH, SHEILA</td>
<td>ONLINE</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>21505 CHLD-001-03 LEC</td>
<td>SMITH, SHEILA</td>
<td>SMITH, SHEILA</td>
<td>MC J2</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>21506 CHLD-002-03 LEC 06:00 PM-09:50 PM M</td>
<td>MCKEITHAN, SANDRA</td>
<td>MC J2</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>21509 CHLD-008-01 LEC 06:00 PM-09:50 PM T</td>
<td>THOMAS, JEANNE</td>
<td>MC J7</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>21509 CHLD-008-01 LEC 09:30 AM-05:30 PM F</td>
<td>THOMAS, JEANNE</td>
<td>MC J7</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>21509 CHLD-008-01 LEC 09:30 AM-05:30 PM S</td>
<td>THOMAS, JEANNE</td>
<td>MC J7</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CHLD 56N PRINCIPLES &amp; PRACTICES OF TEACHING YOUNG CHILDREN</td>
<td>4 Units</td>
<td>21509 CHLD-008-01 LEC 06:00 PM-09:50 PM T</td>
<td>THOMAS, JEANNE</td>
<td>MC J7</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4 hours lecture. (48 total hours per quarter.)</td>
<td>Not Repeatable.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Focus on training in observation and assessment techniques in natural settings using a range of tools. Conducting formal observations and assessment that will guide development of curriculum. Child portfolio development and preparation for teacher-parent conferences. Recording strategies, rating systems, and multiple assessment methods are explored.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CHLD 002-02W: Offered via Internet. After registering, you must refer to course descriptions at <a href="http://www.foothill.edu/fsga">www.foothill.edu/fsga</a> for information on how to begin.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CHLD 51A AFFIRMING DIVERSITY IN EDUCATION</td>
<td>4 Units</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4 hours lecture. (48 total hours per quarter.)</td>
<td>Not Repeatable.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Analysis of gender, race, culture, abilities/disabilities and social class from the child development perspective with emphasis on theory and research. Provides a conceptual framework for children’s cognitive, social and emotional responses to diversity. Serves as a basis to develop a rationale for a culturally relevant/anti-bias education.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CHLD 56 OBSERVATION &amp; ASSESSMENT</td>
<td>4 Units</td>
<td>21505 CHLD-001-03 LEC</td>
<td>SMITH, SHEILA</td>
<td>MC J2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4 hours lecture. (48 total hours per quarter.)</td>
<td>Not Repeatable.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Focus on training in observation and assessment techniques in natural settings using a range of tools. Conducting formal observations and assessment that will guide development of curriculum. Child portfolio development and preparation for teacher-parent conferences. Recording strategies, rating systems, and multiple assessment methods are explored.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CHLD 63N ARTISTIC &amp; CREATIVE DEVELOPMENT</td>
<td>3 Units</td>
<td>21509 CHLD-008-01 LEC 06:00 PM-09:50 PM T</td>
<td>THOMAS, JEANNE</td>
<td>MC J7</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3 hours lecture. (30 total hours per quarter.)</td>
<td>Not Repeatable.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Artistic awareness and creativity in young children. Uses a variety of media to promote children’s sensitivity to, and use of, various tactile arts, visual arts and performing arts. Role of the family and teacher in encouraging children’s explorations. Emphasis on developmentally appropriate curriculum that encourages children’s imagination, creative thinking and self-expression.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CHLD 68 SPECIAL TOPICS/PROJECTS IN CHILD DEVELOPMENT</td>
<td>1 Unit</td>
<td>21509 CHLD-008-01 LEC 06:00 PM-09:50 PM T</td>
<td>THOMAS, JEANNE</td>
<td>MC J7</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1 hour lecture for each unit of credit. (12 total hours per quarter.)</td>
<td>May be taken six times for credit.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Special topics or projects in any Child Development academic discipline of program segment area. Specific course and/or special projects vary from quarter to quarter depending upon selected student, population, methodology and faculty member.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CHLD 68-01: class-meets Friday 9/28/12 from 6:00pm to 9:30pm and Saturday 9/29/12 from 9:00am to 5:00pm. “From The Inside Out: The Power of Reflection and Self-Awareness.” Audience: directors, teachers, board members, family childcare providers, and owners.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
## Fall Quarter 2012 Courses

### Course Number | CRN | Title | Units | Instructor | Location
--- | --- | --- | --- | --- | ---
CHLD 71 | 21856 | PLANNING CREATIVE ART ACTIVITIES FOR CHILDREN | 1 Unit | THOMAS, JEANNE | MC J7

1 hour lecture. (12 total hours per quarter.)
Not Repeatable.

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

### Course Number | CRN | Title | Units | Instructor | Location
--- | --- | --- | --- | --- | ---
CHLD 79 | 20625 | CARING FOR INFANTS & TODDLERS IN GROUPS | 3 Units | SMITH, SHEILA | MC J2

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

Overview of infant/toddler development as it relates to caregiving practices in group settings. Observation and analysis of infant/toddler classrooms. Influence of responsive and culturally sensitive relationships with children and their parents on children's development. Effects of social and physical environments on program practices, child learning and behavior.

### Course Number | CRN | Title | Units | Instructor | Location
--- | --- | --- | --- | --- | ---
CHLD 86A | 21507 | MENTORING THE EARLY CARE & EDUCATION PROFESSIONAL | 4 Units | THOMAS, JEANNE | MC J7

Advisory: CHLD 1, 88; a minimum of one other three-unit course in Child Development. 4 hours lecture. (48 total hours per quarter.)
Not Repeatable.

Prepares the student for the role of mentoring student teachers, assistant teachers, parents, and volunteers in early care and education settings. Emphasis on the role of teacher supervising other adults while simultaneously addressing the classroom needs of the early care and education program. Development of the mentor in supporting the professional growth of the teaching adult. Fulfills the Child Development permit adult supervision course requirement.

### Course Number | CRN | Title | Units | Instructor | Location
--- | --- | --- | --- | --- | ---
CHLD 86B | 21508 | PRACTICUM STUDENT TEACHING IN AN EARLY CHILDHOOD PROGRAM | 5 Units | KOUKOUTSAKIS, CLAIRE | MC P3

Advisory: CHLD 1, 2, 56N and one of the following: CHLD 59, 79 or 89. 2 hours lecture, 10 hours laboratory. (144 total hours per quarter.)
Not Repeatable.

A demonstration of developmentally appropriate early childhood teaching competencies under guided supervision. Students will utilize practical classroom experiences to make connections between theory and practice, develop professional behaviors, and build a comprehensive understanding of children and families. Child-centered, play-oriented approaches to teaching, learning, and assessment; and knowledge of curriculum content areas will be emphasized as student teachers design, implement and evaluate experiences that promote positive development and learning for all young children.

### Course Number | CRN | Title | Units | Instructor | Location
--- | --- | --- | --- | --- | ---
CHLD 88 | 21715 | POSITIVE BEHAVIOR MANAGEMENT | 2 Units | MAYEKAWA, GAYLE | MC J7

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, preschool, and school-aged children. Emphasis on selection of appropriate positive guidance strategies to meet the needs of each individual child.

### Course Number | CRN | Title | Units | Instructor | Location
--- | --- | --- | --- | --- | ---
CHLD 90B | 20617 | ADMINISTRATION & SUPERVISION OF CHILDREN'S PROGRAMS PART I | 4 Units | SMITH, SHEILA | MC J2

Advisory: Completion of 9 units of child development courses. 4 hours lecture. (48 total hours per quarter.)
Not Repeatable.

A study of the development of the components of a quality early care and education program including roles and responsibilities of the director, types of programs, philosophy development, organizational structure, licensing regulations, advisory boards, facility design and set up, budgets and funding.

### Course Number | CRN | Title | Units | Instructor | Location
--- | --- | --- | --- | --- | ---
CHLD 90B | 21617 | ADMINISTRATION & SUPERVISION OF CHILDREN'S PROGRAMS PART II | 3 Units | MAYEKAWA, GAYLE | MC J7

3 hour lecture. (36 total hours per quarter.)
Not Repeatable.

Introduction to a variety of diagnosed disabilities and other special needs conditions that cause children, birth through age 8, to show atypical development. Laws and service provisions, social and educational implications, culture and family dynamics in the context of the larger community will be discussed.

### Counseling

Counseling & Student Services | (650) 949-7296 | 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 1 | COLLEGE SUCCESS | 3 Units | 3 hours lecture. (36 total hours per quarter.)
Not Repeatable.

Examination of factors that contribute to college success, including responsibility/control; competition; task-precision; expectations; wellness; time management; college involvement; family/support systems involvement. Activities include: testing and individualized evaluations; group processing and practicum.

21715 | CNSL-001-01P | LEC 12:00 PM-01:15 PM | MW VILLANUEVA, VOLTAIRE | 8330

### Fall Quarter 2012 Classes

- Fall Quarter 2012 classes run September 24 to December 14, 2012. 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 August 20. Course listing and footnote information may have significantly changed. For the most accurate, current course listings, always access the class schedule.
<table>
<thead>
<tr>
<th>Course Number</th>
<th>CRN</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>CNSL 50</td>
<td></td>
<td>INTRODUCTION TO COLLEGE</td>
<td>1</td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>Course Number</th>
<th>CRN</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>CNSL 053</td>
<td></td>
<td>EFFECTIVE STUDY</td>
<td>3</td>
</tr>
</tbody>
</table>

3 hours lecture. (30 total hours per quarter.)

Not Repeatable.

Approaches to college learning, including diagnosis of difficulties and a development of new skills.

<table>
<thead>
<tr>
<th>Course Number</th>
<th>CRN</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>CNSL 72</td>
<td></td>
<td>STRESS, WELLNESS &amp; COPING</td>
<td>3</td>
</tr>
</tbody>
</table>

3 hours lecture. (30 total hours per quarter.)

Not Repeatable.

Explore and become familiar with symptoms of stress, depression, and anxiety. Examine the social and psychological factors that contribute to these problems and the patterns of behavior which result. Learn, utilize, and understand effective coping strategies to promote self awareness, personal wellness, and academic success and model these strategies for members of the community. Emphasis placed on mental health and application of self-help skills.

<table>
<thead>
<tr>
<th>Course Number</th>
<th>CRN</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>CNSL 85A</td>
<td></td>
<td>TRANSFER READINESS</td>
<td>1</td>
</tr>
</tbody>
</table>

Formerly: CNSL 85H

Advisory: Not open to students with credit in CNSL 85H.

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

Not Repeatable.

Learn to choose a college or university; prepare academically; apply and use counselors and transfer programs to enhance transfer eligibility.

<table>
<thead>
<tr>
<th>Course Number</th>
<th>CRN</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>CNSL 87</td>
<td></td>
<td>LEADERSHIP: THEORIES &amp; PRACTICES</td>
<td>1</td>
</tr>
</tbody>
</table>

Advisory: Eligibility for ENGL 110 or ESLL 25; affiliation with student government or other campus leadership position.

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

Not Repeatable.

Further exploration of leadership application to the everyday functioning of student organizations; understand the role played by structure and governance models in organizational effectiveness. Understand and apply the concepts of team building and communication in groups. Advanced development of leadership goals and application of group goal setting strategies. Affiliation with student government or other campus leadership position required.

Unless otherwise noted in the schedule, Fall Quarter 2012 classes run September 24 to December 14, 2012. 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 August 20. Course listing and footnote information may have significantly changed. For the most accurate, current course listings, always access the class schedule.
<table>
<thead>
<tr>
<th>Course Number</th>
<th>Title</th>
<th>Units</th>
<th>Activity</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>20134</td>
<td>HIST-053-01</td>
<td>4</td>
<td>LEC</td>
<td>09:00 AM-10:20 AM</td>
<td>M</td>
<td>JOSSELYN, CAROL</td>
<td>6201</td>
</tr>
<tr>
<td>20133</td>
<td>HIST-053-10Y</td>
<td>4</td>
<td>LEC</td>
<td>09:00 AM-10:20 AM</td>
<td>F</td>
<td>EATON, MARY</td>
<td>6201</td>
</tr>
<tr>
<td>20132</td>
<td>HIST-053-06Y</td>
<td>4</td>
<td>LEC</td>
<td>09:00 AM-10:20 AM</td>
<td>W</td>
<td>JOSSELYN, CAROL</td>
<td>6201</td>
</tr>
<tr>
<td>20131</td>
<td>HIST-053-07Y</td>
<td>4</td>
<td>LEC</td>
<td>09:00 AM-10:20 AM</td>
<td>T</td>
<td>JOSSELYN, CAROL</td>
<td>6201</td>
</tr>
<tr>
<td>20130</td>
<td>HIST-053-08Y</td>
<td>4</td>
<td>LEC</td>
<td>09:00 AM-10:20 AM</td>
<td>R</td>
<td>JOSSELYN, CAROL</td>
<td>6201</td>
</tr>
</tbody>
</table>

**COMMUNICATION STUDIES**

**COMM 1A PUBLIC SPEAKING**

Formerly: SPCH 1A

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

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

Not Repeatable.

Introduction to the analysis, theory and history of rhetoric and public address; application of principles of public address to the preparation and delivery of public speeches.

**COMM 2 INTERPERSONAL COMMUNICATION**

Formerly: SPCH 2

Advisory: Eligibility for ENGL 1A or ESL 26, or equivalent; not open to students with credit in SPCH 2.

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

Not Repeatable.

Experience in interpersonal communication, including discussion, the perception process, critical thinking and reasoning, verbal and nonverbal modes of communication, intercultural communication, and the effect of communication on individuals and society. Faculty and peer feedback on critically evaluated exercises.
Course Number: COMM 004
Title: COMMUNICATION 4
Activity: LEC
Time: 06:00 PM-09:40 PM
Instructor: NI, PRESTON
Location: MCI10
Units: 5

COMM 004 - GROUP DISCUSSION
Formerly: SPCH 4
Advisory: Eligibility for ENGL 1A or ESL 26, or equivalent; not open to students with credit in SPCH 4.
5 hours lecture. (60 total hours per quarter.)
Not Repeatable.
Analysis of the principles of group interaction and decision making. Participation in discussion groups designed to share information, solve problems and reach consensus.

COMM 010
Title: GENDER, COMMUNICATION & CULTURE
Activity: LEC
Time: 08:00 AM-08:50 AM
Instructor: EATON, MARY
Location: MCI10
Units: 5

COMM 010
Advisory: Eligibility for ENGL 1A or ESL 26, or equivalent; not open to students with credit in SPCH 10.
5 hours lecture. (60 total hours per quarter.)
Not Repeatable.

COMM 012
Title: INTERCULTURAL COMMUNICATION
Activity: LEC
Time: 06:00 PM-09:40 PM
Instructor: NI, PRESTON
Location: MCI10
Units: 5

COMM 012
Advisory: Eligibility for ENGL 1A or ESL 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.

COMM 1AH
Title: HONORS PUBLIC SPEAKING
Activity: LEC
Time: 06:00 PM-09:40 PM
Instructor: VELASCO, LAUREN
Location: T219
Units: 5

COMM 1AH
Prerequisite: Honors Institute participant.
Advisory: Eligibility for ENGL 1A or ESL 26, or equivalent; not open to students with credit in COMM 1A or SPCH 1A.
5 hours lecture. (60 total hours per quarter.)
Not Repeatable.
Introduction to the analysis of the history of rhetoric and public address; application of principles of public address to the preparation and delivery of public speeches. The honors section provides accelerated students with additional academic challenge in the areas of research, discussion, and intellectual exploration of ideas. Expanded opportunities include, but are not limited to, in-depth examination of speech text within historical context, self-reflection speeches and papers, creative individual and group projects, historical oral interpretation, and enrichment activities.
<table>
<thead>
<tr>
<th>Course Number</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMM-01AH-01H</td>
<td>Hybrid class. Meets on campus five Mondays from 6-9:40PM: 9/24, 10/08, 10/22, 11/15, 12/9. All other hours via online instruction. Course is both CSU and UC transferable. Course satisfies IGETC AREA A-1 (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.</td>
<td>3</td>
</tr>
<tr>
<td>COMM-01AH-02H</td>
<td>Hybrid class. Meets on campus five Mondays from 6-9:40PM: 10/15, 10/29, 11/26, and 12/9. All other hours via online instruction. Course is both CSU and UC transferable. Course satisfies IGETC AREA A-1 (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.</td>
<td>3</td>
</tr>
<tr>
<td>COMM-055-A01W</td>
<td>CAREER &amp; LEADERSHIP COMMUNICATION</td>
<td>5</td>
</tr>
<tr>
<td>CRP-070-A01</td>
<td>SELF-ASSESSMENT</td>
<td>3</td>
</tr>
<tr>
<td>CRP-070-A02</td>
<td>SELF-ASSESSMENT</td>
<td>3</td>
</tr>
<tr>
<td>CRP-070-A03W</td>
<td>SELF-ASSESSMENT</td>
<td>3</td>
</tr>
<tr>
<td>CRP-070-A04W</td>
<td>SELF-ASSESSMENT</td>
<td>3</td>
</tr>
<tr>
<td>CRP-070-A05W</td>
<td>SELF-ASSESSMENT</td>
<td>3</td>
</tr>
<tr>
<td>CRP-051A-01</td>
<td>INTRODUCTION TO CHAIRSIDE DENTAL ASSISTING</td>
<td>5.5</td>
</tr>
<tr>
<td>CRP-053A-21</td>
<td>SPECIALITY PRACTICE PROCEDURES</td>
<td>1</td>
</tr>
<tr>
<td>CRP-050-A01W</td>
<td>INTRODUCTION TO DENTAL RADIOGRAPHY</td>
<td>3</td>
</tr>
</tbody>
</table>

**Dental Assisting**

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>DA-050</td>
<td>ORIENTATION TO DENTAL ASSISTING</td>
<td>2.5</td>
</tr>
<tr>
<td>DA-051-A01</td>
<td>INTRODUCTION TO CHAIRSIDE DENTAL ASSISTING</td>
<td>5.5</td>
</tr>
<tr>
<td>DA-053A</td>
<td>INTRODUCTION TO RADIOGRAPHY</td>
<td>3</td>
</tr>
<tr>
<td>DA-053A-01</td>
<td>SPECIALITY PRACTICE PROCEDURES</td>
<td>1</td>
</tr>
</tbody>
</table>
### Fall Quarter 2012 Courses

#### Dental Hygiene

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course ID</th>
<th>Activity</th>
<th>Title</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>20157</td>
<td>DA-058-01W</td>
<td>LEC</td>
<td>TBA</td>
<td>TBA</td>
<td>MIYASAKI-CHING, CARA</td>
<td>ONLINE</td>
<td></td>
</tr>
</tbody>
</table>

Familiarization with the scope of practice in both general and specialty dental office settings. The emphasis of this survey class will be on the role of the auxiliary personnel in each of the different types of dental practices. Intended for students admitted into the dental assisting program.

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

<table>
<thead>
<tr>
<th>20161</th>
<th>D H -053.-01</th>
<th>LEC</th>
<th>01:30 PM-05:20 PM</th>
<th>T</th>
<th>SPRAGGE, PHYLLIS</th>
<th>5302</th>
</tr>
</thead>
<tbody>
<tr>
<td>20162</td>
<td>D H -054.-01</td>
<td>LAB</td>
<td>08:30 AM-12:30 PM</td>
<td>T</td>
<td>BETTENCOURT, EVELYN</td>
<td>5312</td>
</tr>
<tr>
<td>20163</td>
<td>D H -055B-01</td>
<td>LEC</td>
<td>09:00 AM-04:50 PM</td>
<td>Th</td>
<td>SPRAGGE, PHYLLIS</td>
<td>5302</td>
</tr>
<tr>
<td>20164</td>
<td>D H -057B-01</td>
<td>LEC</td>
<td>08:00 AM-09:50 AM</td>
<td>T</td>
<td>HOROWITZ, KENNETH</td>
<td>5302</td>
</tr>
<tr>
<td>20165</td>
<td>D H -059.-01</td>
<td>SCL</td>
<td>08:00 AM-04:50 PM</td>
<td>T</td>
<td>HOROWITZ, KENNETH</td>
<td>5302</td>
</tr>
</tbody>
</table>

#### D A 62A DENTAL SCIENCES I 2 Units

Prerequisite: Admission to Dental Assisting Program. 2 hours lecture, 1 hour laboratory. (36 total hours per quarter.) Not Repeatable.

Discussion of anatomy and morphology of the teeth, the eruption sequence and process; normal occlusion, development and class of malocclusions; anatomy of the skull, arteries and veins, musculature and nervous structures of the head and neck.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course ID</th>
<th>Activity</th>
<th>Title</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>20158</td>
<td>DA-062A-01</td>
<td>LEC</td>
<td>09:00 AM-10:50 AM</td>
<td>M</td>
<td>REED, ELOISE</td>
<td>5301</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>LAB</td>
<td>11:00 AM-11:30 AM</td>
<td>M</td>
<td>REED, ELOISE</td>
<td>5301</td>
<td></td>
</tr>
</tbody>
</table>

#### D A 71 INFECTION CONTROL & HAZARDOUS WASTE MANAGEMENT 1.5 Units

Prerequisite: Admission to Dental Assisting Program. 1.5 hours lecture. (18 total hours per quarter.)

Introduction to infectious diseases important to dentistry. Instruction on disinfection, instrument decontamination, sterilization procedures and tray set-up preparation. Regulatory compliance agencies such as OSHA, CDC and ADA recommendations. Hazardous materials management and waste management. Protocols and emergency procedures for hazardous and biohazardous waste or materials.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course ID</th>
<th>Activity</th>
<th>Title</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>20159</td>
<td>DA-071.-01</td>
<td>LEC</td>
<td>09:00 AM-10:15 AM</td>
<td>W</td>
<td>REED, ELOISE</td>
<td>5301</td>
<td></td>
</tr>
</tbody>
</table>

#### D A 57B PERIODONTICS 2 Units

Prerequisite: DH 57A. 2 hours lecture. (24 total hours per quarter.) Not Repeatable.


<table>
<thead>
<tr>
<th>CRN</th>
<th>Course ID</th>
<th>Activity</th>
<th>Title</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>20160</td>
<td>D H -052A-01</td>
<td>LEC</td>
<td>01:30 PM-03:20 PM</td>
<td>M</td>
<td>HOROWITZ, KENNETH</td>
<td>5113</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>LAB</td>
<td>03:30 PM-05:20 PM</td>
<td>M</td>
<td>HOROWITZ, KENNETH</td>
<td>5113</td>
<td></td>
</tr>
</tbody>
</table>

#### D A 53 ASSESSMENT PROCEDURES IN THE DENTAL HYGIENE PROCESS 4 Units

Prerequisite: Admission to Dental Hygiene Program. 4 hours lecture. (48 total hours per quarter.) Not Repeatable.

The first in a 3 course series in dental hygiene theory and practice. This course will focus on the principles of assessment techniques as the first phase of the dental hygiene process of care. The rationale for collection of assessment data, and associated clinical procedures will be discussed. Introduces infectious diseases important to dentistry, hazardous materials management, and waste management, and rules of regulatory agencies (OSHA, CDC and ADA).

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course ID</th>
<th>Activity</th>
<th>Title</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>20161</td>
<td>D H -053.-01</td>
<td>LEC</td>
<td>01:30 PM-05:20 PM</td>
<td>T</td>
<td>SPRAGGE, PHYLLIS</td>
<td>5302</td>
<td></td>
</tr>
</tbody>
</table>

#### D H 54 PRE-CLINICAL DENTAL HYGIENE 4 Units

Prerequisite: Admission to Dental Hygiene Program. 1 hour lecture, 12 hours laboratory. (156 total hours per quarter.) Not Repeatable.

The first in a seven-course series in dental hygiene clinical practices. This course integrates the scientific and clinical principles underlying the practice of dental hygiene. Clinical procedures and techniques for patient assessment, including prevention of disease transmission, health history, extra-oral and intra-exam evaluation, gingival evaluation and periodontal examination are taught in a pre-clinical setting. Students will work on typodonts and classromates. The course requires evaluation of clinical performance through demonstration of skill acquisition and level of competency. Field experiences reinforce and amplify the knowledge and skills needed to perform dental hygiene procedures in the clinical setting.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course ID</th>
<th>Activity</th>
<th>Title</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>20162</td>
<td>D H -054.-01</td>
<td>LAB</td>
<td>08:30 AM-12:30 PM</td>
<td>T</td>
<td>BETTENCOURT, EVELYN</td>
<td>5312</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>LAB</td>
<td>08:30 AM-12:30 PM</td>
<td>F</td>
<td>DRAPER, CATHERINE</td>
<td>5312</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>LEC</td>
<td>12:00 PM-12:50 PM</td>
<td>Th</td>
<td>SPRAGGE, PHYLLIS</td>
<td>5302</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>LAB</td>
<td>01:00 PM-04:50 PM</td>
<td>Th</td>
<td>SPRAGGE, PHYLLIS</td>
<td>TBA</td>
<td></td>
</tr>
</tbody>
</table>

#### D H 55B FUNDAMENTALS OF PATHOLOGY II 2 Units

Prerequisite: DH 55A. 2 hours lecture. (24 total hours per quarter.) Not Repeatable.

Pathology of the head, neck, and oral structures. Developmental conditions, caries diseases of bacterial and viral origin, neoplasms of the oral cavity.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course ID</th>
<th>Activity</th>
<th>Title</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>20163</td>
<td>D H -055B-01</td>
<td>LEC</td>
<td>02:00 PM-04:20 PM</td>
<td>W</td>
<td>HOROWITZ, KENNETH</td>
<td>5302</td>
<td></td>
</tr>
</tbody>
</table>

#### D H 59 SURVEY OF DENTISTRY 1 Unit

Prerequisite: Admission to the Dental Hygiene Program. 1 hour lecture, 1 hour field experience. (24 total hours per quarter.) Not Repeatable.

This course is an introduction to dental procedures in the specialty office with emphasis on dental auxiliary duties and collaboration with dental specialties for comprehensive patient/client care. Legal scope of practice for the dental hygienist and appropriate referral protocol is emphasized.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course ID</th>
<th>Activity</th>
<th>Title</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>20608</td>
<td>D H -059.-01W</td>
<td>LEC</td>
<td>TBA</td>
<td>TBA</td>
<td>CHAN, PATTI</td>
<td>ONLINE</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>LAB</td>
<td>TBA</td>
<td>TBA</td>
<td>CHAN, PATTI</td>
<td>ONLINE</td>
<td></td>
</tr>
</tbody>
</table>

#### D H 60A INTRODUCTION TO DENTAL RADIOGRAPHY I 2 Units

Prerequisite: Admission to the Dental Hygiene Program. 2 hours lecture. (24 total hours per quarter.) Not Repeatable.

Legal scope of practice for the dental hygienist and appropriate referral protocol is emphasized.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course ID</th>
<th>Activity</th>
<th>Title</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>LAB</td>
<td>TBA</td>
<td>TBA</td>
<td>CHAN, PATTI</td>
<td>ONLINE</td>
<td></td>
</tr>
</tbody>
</table>

---

Unless otherwise noted in the schedule, Fall Quarter 2012 classes run September 24 to December 14, 2012. 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 August 20. Course listing and footnote information may have significantly changed. For the most accurate, current course listings, always access the class schedule.

www.foothill.edu
Introduction to introduction to digital panoramic radiology. This course intended for students in the dental hygiene program.

D H 62B CLINICAL DENTAL HYGIENE II
Prerequisites: D H 62A.
1 hour lecture, 16 hours clinic, 3 hours field experience. (240 total hours per quarter.)
Not Repeatable.
Continuation of clinical dental hygiene practice providing comprehensive dental hygiene care in a clinic setting on patients. Intended for students enrolled in the Dental Hygiene Program.

D H 63C COMMUNITY DENTAL HEALTH I
Prerequisite: Admissions to the Dental Hygiene Program.
2 hours lecture, 1.5 hours lecture-laboratory. (42 total hours per quarter.)
Not Repeatable.
Introduction to community dental health problems and disparities that exist in health care. The science of epidemiology, research and writing skills, and biostatistics. An analysis of current dental health issues and initial development of a community dental health program.

D H 66 SOFT TISSUE CURETTAGE
Prerequisite: D H 65.
1 hour lecture. (12 total hours per quarter.)
Not Repeatable.
Training for the dental hygiene student or dental hygienist in performing soft tissue curettage.

D H 75A CLINICAL DENTAL HYGIENE THEORY I
Prerequisites: Admission to the Dental Hygiene Program.
1 hour lecture, 3 hours laboratory. (48 total hours per quarter.)
Not Repeatable.
Discussion and demonstration of supplemental dental hygiene functions: digital intraoral photography, dental hygiene instrumentation, ultrasonic and microultrasonic scaling techniques. Supportive course to reinforce and amplify the knowledge and skills needed to perform dental hygiene procedures in the clinical setting for D H 62B. Intended for students enrolled in the Dental Hygiene Program.

D H 200L INTRODUCTION TO DENTAL HYGIENE
1 Unit

Course Number/Title/Units

DANC 1A FUNDAMENTALS OF BALLET I
1 Unit
3 hours laboratory. (36 total hours per quarter.)
May be taken six times for credit.
Introduction to the elementary fundamentals of ballet technique and training. Includes the basic vocabulary and practice of barre and center floor exercises. Enrollment is limited to 6 times within the DAN 1 group.

DANC 1B FUNDAMENTALS OF BALLET II
1 Unit
3 hours laboratory. (36 total hours per quarter.)
May be taken six times for credit.
Continuation into the intermediate/advanced fundamentals of ballet technique and training. Includes the intermediate/advanced vocabulary and practice of barre and center floor exercises. Enrollment is limited to 6 times within the DAN 1 group.

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

DANCE 1A FUNDAMENTALS OF BALLET I
1 Unit
3 hours laboratory. (36 total hours per quarter.)
May be taken six times for credit.
Introduction to the elementary fundamentals of ballet technique and training. Includes the basic vocabulary and practice of barre and center floor exercises. Enrollment is limited to 6 times within the DAN 1 group.

DANCE 1B FUNDAMENTALS OF BALLET II
1 Unit
3 hours laboratory. (36 total hours per quarter.)
May be taken six times for credit.
Continuation into the intermediate/advanced fundamentals of ballet technique and training. Includes the intermediate/advanced vocabulary and practice of barre and center floor exercises. Enrollment is limited to 6 times within the DAN 1 group.

Unless otherwise noted in the schedule, Fall Quarter 2012 classes run September 24 to December 14, 2012. 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 August 20. Course listing and footnote information may have significantly changed. For the most accurate, current course listings, always access the class schedule.
FALL QUARTER 2012 COURSES

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>DANC 2</td>
<td>BEGINNING MODERN DANCE</td>
<td>1 Unit</td>
</tr>
<tr>
<td>DANC 3A</td>
<td>BEGINNING JAZZ DANCE</td>
<td>1 Unit</td>
</tr>
<tr>
<td>DANC 3B</td>
<td>INTERMEDIATE JAZZ DANCE</td>
<td>1 Unit</td>
</tr>
<tr>
<td>DANC 4</td>
<td>BALLROOM &amp; SOCIAL DANCE</td>
<td>1 Unit</td>
</tr>
<tr>
<td>DANC 5</td>
<td>WORLD DANCE</td>
<td>1 Unit</td>
</tr>
<tr>
<td>DANC 6</td>
<td>BEGINNING COUNTRY-WESTERN LINE DANCING</td>
<td>1 Unit</td>
</tr>
<tr>
<td>DANC 8</td>
<td>DANCE PRODUCTION: REHEARSAL &amp; PERFORMANCE</td>
<td>2 Units</td>
</tr>
<tr>
<td>DANC 10</td>
<td>TOPICS IN DANCE HISTORY</td>
<td>4 Units</td>
</tr>
<tr>
<td>DANC 11</td>
<td>FOOTHILL REPERTORY DANCE COMPANY</td>
<td>3 Units</td>
</tr>
</tbody>
</table>

Diagnostic Medical Sonography

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course ID</th>
<th>Activity</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>21767</td>
<td>DANC-005-01</td>
<td>LAB 10:00 AM-11:15 AM</td>
<td>Th</td>
<td>F</td>
<td>FRANKEL, DONNA</td>
<td>MCGMB</td>
</tr>
<tr>
<td>21832</td>
<td>DANC-005-02</td>
<td>LAB 07:00 PM-09:00 PM</td>
<td>T</td>
<td>M</td>
<td>FRANKEL, DONNA</td>
<td>MCGMB</td>
</tr>
<tr>
<td>20179</td>
<td>DANC-005-01</td>
<td>LEC</td>
<td>TBA</td>
<td>TBA</td>
<td>SHEWFELT, BARBARA</td>
<td>ONLINE</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course ID</th>
<th>Activity</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>20178</td>
<td>DANC-004-02</td>
<td>LAB 06:30 PM-09:00 PM</td>
<td>W</td>
<td>FRANKEL, DONNA</td>
<td>MCGMB</td>
<td></td>
</tr>
</tbody>
</table>

DMS 50A | DIAGNOSTIC MEDICAL SONOGRAPHY PRINCIPLES & PROTOCOLS | 4 Units |

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course ID</th>
<th>Activity</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>20181</td>
<td>DMS-050A-01</td>
<td>LEC 01:00 PM-04:50 PM</td>
<td>W</td>
<td>AUSTIN, KATHLEEN</td>
<td>6707</td>
<td></td>
</tr>
</tbody>
</table>

Unless otherwise noted in the schedule, Fall Quarter 2012 classes run September 24 to December 14, 2012. 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 August 20. Course listing and footnote information may have significantly changed. For the most accurate, current course listings, always access the class schedule.
Class Schedule

Courses include:
- **DMS 50B**: Sonography & Patient Care
- **DMS 55B**: Obstetrics II
- **DMS 56A**: Vascular Sonography
- **DMS 60A**: Critique & Pathology I
- **DMS 60E**: Critique & Pathology V
- **DMS 70D**: Clinical Preceptorship IV
- **DMS 72A**: Diagnostic Medical Sonography Procedures & Applications
- **DMS 72E**: Diagnostic Medical Sonography Procedures & Applications
- **DMS 290X**: Directed Study

ECON 1A: Principles of Macroeconomics

---

Reference: Fall Quarter 2012 Courses.

Unless otherwise noted in the schedule, Fall Quarter 2012 classes run September 24 to December 14, 2012. All courses are Title 5 Degree applicable credit courses unless otherwise noted. All fees 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 August 20. Course listing and footnote information may have significantly changed. For the most accurate, current course listings, always access the class schedule.
Fundamental economic concepts; determination of national income and employment; income fluctuation; money and the banking system; government monetary and fiscal policies; current economic problems; economic development; international trade. ECON 1A or ECON 1B may be taken in either order.

<table>
<thead>
<tr>
<th>Course Number</th>
<th>CRN</th>
<th>Course ID</th>
<th>Activity</th>
<th>Title</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>20188</td>
<td>ECON-001A-01</td>
<td>LEC 08:00 AM-09:50 AM</td>
<td>MW</td>
<td>PATYK, JAY</td>
<td>3308</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20189</td>
<td>ECON-001A-02</td>
<td>LEC 08:00 AM-09:50 AM</td>
<td>TTh</td>
<td>EVANS, BRIAN</td>
<td>3307</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20069</td>
<td>ECON-001A-03</td>
<td>LEC 01:30 PM-02:45 PM</td>
<td>MW</td>
<td>SOBALA, JOANNA</td>
<td>3307</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>21919</td>
<td>ECON-001A-05W</td>
<td>LEC</td>
<td>TBA</td>
<td>PATYK, JAY</td>
<td>ONLINE</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20201</td>
<td>ECON-001A-06</td>
<td>LEC 06:00 PM-08:20 PM</td>
<td>MW</td>
<td>MOGLEN, DAVID</td>
<td>MC 16</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>21919</td>
<td>ECON-001A-07W</td>
<td>LEC</td>
<td>TBA</td>
<td>PATYK, JAY</td>
<td>ONLINE</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>21919</td>
<td>ECON-001A-08Y</td>
<td>LEC 10:00 AM-11:50 AM</td>
<td>MW</td>
<td>VERISSIMO, LISA</td>
<td>3307</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20201</td>
<td>ECON-001A-09Y</td>
<td>LEC</td>
<td>TBA</td>
<td>TBA</td>
<td>VERISSIMO, LISA</td>
<td>ONLINE</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**ECON 1B**  
**PRINCIPLES OF MICROECONOMICS**  
5 Units  
Advisory: Eligibility for ENGL 1A or ESL 26.  
5 hours lecture. (60 total hours per quarter.)  
Not Repeatable.  

<table>
<thead>
<tr>
<th>Course Number</th>
<th>CRN</th>
<th>Course ID</th>
<th>Activity</th>
<th>Title</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>20196</td>
<td>ECON-001B-01</td>
<td>LEC 10:00 AM-11:50 AM</td>
<td>TTh</td>
<td>EVANS, BRIAN</td>
<td>3307</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20197</td>
<td>ECON-001B-02</td>
<td>LEC 10:00 AM-11:50 AM</td>
<td>F</td>
<td>PATYK, JAY</td>
<td>3308</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20062</td>
<td>ECON-001B-03W</td>
<td>LEC</td>
<td>TBA</td>
<td>EVANS, BRIAN</td>
<td>ONLINE</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20201</td>
<td>ECON-001B-04W</td>
<td>LEC</td>
<td>TBA</td>
<td>TBA</td>
<td>EVANS, BRIAN</td>
<td>ONLINE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>20199</td>
<td>ECON-001B-05</td>
<td>LEC 10:00 AM-11:50 AM</td>
<td>TTh</td>
<td>MOGLEN, DAVID</td>
<td>3203</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>21212</td>
<td>ECON-001B-06</td>
<td>LEC 08:00 AM-09:50 AM</td>
<td>TTh</td>
<td>MOGLEN, DAVID</td>
<td>3203</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>21740</td>
<td>ECON-001B-08W</td>
<td>LEC</td>
<td>TBA</td>
<td>VERISSIMO, LISA</td>
<td>ONLINE</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**ECON 25**  
**INTRODUCTION TO THE GLOBAL ECONOMY**  
4 Units  
Advisory: ECON 1A.  
4 hours lecture. (48 total hours per quarter.)  
Not Repeatable.  
Analysis of increasing economic integration in the post-WW II era with a focus on international trade and investment. Introduction to international economic organizations such as the WTO and IMF.

<table>
<thead>
<tr>
<th>Course Number</th>
<th>CRN</th>
<th>Course ID</th>
<th>Activity</th>
<th>Title</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>20200</td>
<td>ECON-025-01W</td>
<td>LEC</td>
<td>TBA</td>
<td>TBA</td>
<td>EVANS, BRIAN</td>
<td>ONLINE</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**ECON 54H**  
**HONORS INSTITUTE SEMINAR IN ECONOMICS**  
1 Unit  
Not Repeatable.  
Advisory: ECON 1A.  
4 hours lecture. (48 total hours per quarter.)  
Analysis of increasing economic integration in the post-WW II era with a focus on international trade and investment. Introduction to international economic organizations such as the WTO and IMF.

<table>
<thead>
<tr>
<th>Course Number</th>
<th>CRN</th>
<th>Course ID</th>
<th>Activity</th>
<th>Title</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>20200</td>
<td>ECON-025-01W</td>
<td>LEC</td>
<td>TBA</td>
<td>TBA</td>
<td>EVANS, BRIAN</td>
<td>ONLINE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Course Number</td>
<td>CRN</td>
<td>Course ID</td>
<td>Activity</td>
<td>Title</td>
<td>Time</td>
<td>Days</td>
<td>Instructor</td>
<td>Location</td>
</tr>
<tr>
<td>---------------</td>
<td>------</td>
<td>-----------</td>
<td>----------</td>
<td>-------</td>
<td>------</td>
<td>------</td>
<td>------------</td>
<td>----------</td>
</tr>
<tr>
<td>EMTP 60A</td>
<td>20968</td>
<td>EMTP-060A-01</td>
<td>LEC</td>
<td>PARAMEDIC COGNITIVE &amp; AFFECTIVE IA</td>
<td>07:35 AM-09:50 AM</td>
<td>MW</td>
<td>HAYES, JORDAN</td>
<td>6307</td>
</tr>
<tr>
<td></td>
<td>20708</td>
<td>ENGL-001A-04</td>
<td>LEC</td>
<td>PSYCHOMOTOR &amp; AFFECTIVE IB</td>
<td>07:35 AM-09:50 AM</td>
<td>TTh</td>
<td>HAYES, JORDAN</td>
<td>6307</td>
</tr>
<tr>
<td></td>
<td>20709</td>
<td>ENGL-001A-05</td>
<td>LEC</td>
<td>PSYCHOMOTOR &amp; AFFECTIVE IB</td>
<td>08:00 AM-09:50 AM</td>
<td>MW</td>
<td>HAYES, JORDAN</td>
<td>6306</td>
</tr>
<tr>
<td></td>
<td>20710</td>
<td>ENGL-001A-06</td>
<td>LEC</td>
<td>PSYCHOMOTOR &amp; AFFECTIVE IB</td>
<td>08:00 AM-09:50 AM</td>
<td>MW</td>
<td>HAYES, JORDAN</td>
<td>6306</td>
</tr>
<tr>
<td></td>
<td>20711</td>
<td>ENGL-001A-07</td>
<td>LEC</td>
<td>PSYCHOMOTOR &amp; AFFECTIVE IB</td>
<td>08:00 AM-09:50 AM</td>
<td>MW</td>
<td>STAFF, M</td>
<td>6302</td>
</tr>
<tr>
<td></td>
<td>20712</td>
<td>ENGL-001A-08</td>
<td>LEC</td>
<td>PSYCHOMOTOR &amp; AFFECTIVE IB</td>
<td>08:00 AM-09:50 AM</td>
<td>TTh</td>
<td>LANKFORD, SCOTT</td>
<td>6501</td>
</tr>
<tr>
<td></td>
<td>20678</td>
<td>ENGL-001A-09</td>
<td>LEC</td>
<td>PSYCHOMOTOR &amp; AFFECTIVE IB</td>
<td>08:00 AM-09:50 AM</td>
<td>F</td>
<td>STAFF, M</td>
<td>6302</td>
</tr>
<tr>
<td></td>
<td>20213</td>
<td>ENGL-001A-10</td>
<td>LEC</td>
<td>PSYCHOMOTOR &amp; AFFECTIVE IB</td>
<td>08:00 AM-09:50 AM</td>
<td>TTh</td>
<td>WHITE, ALEXANDRA</td>
<td>6505</td>
</tr>
<tr>
<td></td>
<td>20627</td>
<td>ENGL-001A-11</td>
<td>LEC</td>
<td>PSYCHOMOTOR &amp; AFFECTIVE IB</td>
<td>10:00 AM-11:50 AM</td>
<td>MW</td>
<td>WOLTERBEEK, KIM</td>
<td>6306</td>
</tr>
<tr>
<td></td>
<td>20628</td>
<td>ENGL-001A-12</td>
<td>LEC</td>
<td>PSYCHOMOTOR &amp; AFFECTIVE IB</td>
<td>10:00 AM-11:50 AM</td>
<td>MW</td>
<td>HAYES, JORDAN</td>
<td>6306</td>
</tr>
<tr>
<td></td>
<td>20629</td>
<td>ENGL-001A-13</td>
<td>LEC</td>
<td>PSYCHOMOTOR &amp; AFFECTIVE IB</td>
<td>10:00 AM-11:50 AM</td>
<td>MW</td>
<td>HAYES, JORDAN</td>
<td>6306</td>
</tr>
<tr>
<td></td>
<td>20630</td>
<td>ENGL-001A-14</td>
<td>LEC</td>
<td>PSYCHOMOTOR &amp; AFFECTIVE IB</td>
<td>10:00 AM-11:50 AM</td>
<td>T Th</td>
<td>SORMAN, AUDRA</td>
<td>6305</td>
</tr>
<tr>
<td></td>
<td>20676</td>
<td>ENGL-001A-15</td>
<td>LEC</td>
<td>PSYCHOMOTOR &amp; AFFECTIVE IB</td>
<td>10:00 AM-11:50 AM</td>
<td>T Th</td>
<td>MILLSS, RICHARD</td>
<td>6401</td>
</tr>
<tr>
<td></td>
<td>20177</td>
<td>ENGL-001A-16</td>
<td>LEC</td>
<td>PSYCHOMOTOR &amp; AFFECTIVE IB</td>
<td>12:00 PM-01:25 PM</td>
<td>TTh</td>
<td>FLOWERS, APRIL</td>
<td>6306</td>
</tr>
<tr>
<td></td>
<td>20178</td>
<td>ENGL-001A-17</td>
<td>LEC</td>
<td>PSYCHOMOTOR &amp; AFFECTIVE IB</td>
<td>12:00 PM-01:25 PM</td>
<td>TTh</td>
<td>MILLSS, RICHARD</td>
<td>6401</td>
</tr>
<tr>
<td></td>
<td>20199</td>
<td>ENGL-001A-18</td>
<td>LEC</td>
<td>PSYCHOMOTOR &amp; AFFECTIVE IB</td>
<td>01:30 PM-03:45 PM</td>
<td>MW</td>
<td>OGLE, BARBARA</td>
<td>6302</td>
</tr>
<tr>
<td></td>
<td>20183</td>
<td>ENGL-001A-20</td>
<td>LEC</td>
<td>PSYCHOMOTOR &amp; AFFECTIVE IB</td>
<td>01:30 PM-03:45 PM</td>
<td>TTh</td>
<td>MILLSS, RICHARD</td>
<td>6401</td>
</tr>
<tr>
<td></td>
<td>20184</td>
<td>ENGL-001A-21</td>
<td>LEC</td>
<td>PSYCHOMOTOR &amp; AFFECTIVE IB</td>
<td>04:00 PM-05:25 PM</td>
<td>TTh</td>
<td>GOLDSER, NAOMI</td>
<td>6401</td>
</tr>
<tr>
<td></td>
<td>20193</td>
<td>ENGL-001A-22</td>
<td>LEC</td>
<td>PSYCHOMOTOR &amp; AFFECTIVE IB</td>
<td>06:00 PM-08:15 PM</td>
<td>MW</td>
<td>OGLE, BARBARA</td>
<td>6501</td>
</tr>
<tr>
<td></td>
<td>20194</td>
<td>ENGL-001A-23</td>
<td>LEC</td>
<td>PSYCHOMOTOR &amp; AFFECTIVE IB</td>
<td>06:00 PM-08:15 PM</td>
<td>TTh</td>
<td>STAFF, M</td>
<td>6401</td>
</tr>
<tr>
<td></td>
<td>20195</td>
<td>ENGL-001A-24W</td>
<td>LEC</td>
<td>PSYCHOMOTOR &amp; AFFECTIVE IB</td>
<td>06:00 PM-08:15 PM</td>
<td>TTh</td>
<td>MILLSS, RICHARD</td>
<td>6401</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ENGLISH</th>
<th>Language Arts</th>
<th>(650) 949-7250</th>
<th><a href="http://www.foothill.edu/la/">www.foothill.edu/la/</a></th>
<th>5 Units</th>
<th>9 Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1A</td>
<td>COMPOSITION &amp; READING</td>
<td>08:00 AM-09:50 AM</td>
<td>08:00 AM-09:50 AM</td>
<td>MW</td>
<td>LANKFORD, SCOTT</td>
</tr>
<tr>
<td>ENGL 1B</td>
<td>COMPOSITION, CRITICAL READING &amp; THINKING</td>
<td>08:00 AM-09:50 AM</td>
<td>08:00 AM-09:50 AM</td>
<td>MW</td>
<td>LANKFORD, SCOTT</td>
</tr>
</tbody>
</table>
## Fall Quarter 2012 Courses

<table>
<thead>
<tr>
<th>Course Number</th>
<th>CRN</th>
<th>Course ID</th>
<th>Activity</th>
<th>Title</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>20221</td>
<td>ENGL-001B-01</td>
<td>LEC</td>
<td>07:35 AM-09:50 AM</td>
<td>MW</td>
<td>GRAVENHORST, KURT</td>
<td>6405</td>
<td></td>
<td></td>
</tr>
<tr>
<td>20222</td>
<td>ENGL-001B-02</td>
<td>LEC</td>
<td>07:35 AM-09:50 AM</td>
<td>MW</td>
<td>SORMAN, AUDRA</td>
<td>6503</td>
<td></td>
<td></td>
</tr>
<tr>
<td>20223</td>
<td>ENGL-001B-03</td>
<td>LEC</td>
<td>07:35 AM-09:50 AM</td>
<td>TTh</td>
<td>STAFF, M</td>
<td>6503</td>
<td></td>
<td></td>
</tr>
<tr>
<td>21458</td>
<td>ENGL-001B-04</td>
<td>LEC</td>
<td>07:35 AM-09:50 AM</td>
<td>TTh</td>
<td>FELD, ARI</td>
<td>1220</td>
<td></td>
<td></td>
</tr>
<tr>
<td>20222</td>
<td>ENGL-001B-05</td>
<td>LEC</td>
<td>08:00 AM-10:00 AM</td>
<td>MW</td>
<td>LEWIS, BRIAN</td>
<td>6505</td>
<td></td>
<td></td>
</tr>
<tr>
<td>20224</td>
<td>ENGL-001B-06</td>
<td>LEC</td>
<td>08:00 AM-10:00 AM</td>
<td>MW</td>
<td>MAERTENS, NATHAN</td>
<td>6502</td>
<td></td>
<td></td>
</tr>
<tr>
<td>20226</td>
<td>ENGL-001B-07</td>
<td>LEC</td>
<td>08:00 AM-10:00 AM</td>
<td>MW</td>
<td>MAERTENS, NATHAN</td>
<td>6502</td>
<td></td>
<td></td>
</tr>
<tr>
<td>21467</td>
<td>ENGL-001B-08</td>
<td>LEC</td>
<td>08:00 AM-10:00 AM</td>
<td>TTh</td>
<td>DAILEY, ALISON</td>
<td>3206</td>
<td></td>
<td></td>
</tr>
<tr>
<td>20227</td>
<td>ENGL-001B-09</td>
<td>LEC</td>
<td>10:00 AM-11:50 AM</td>
<td>MW</td>
<td>SPERRY, ISABEL</td>
<td>6506</td>
<td></td>
<td></td>
</tr>
<tr>
<td>20228</td>
<td>ENGL-001B-10</td>
<td>LEC</td>
<td>10:00 AM-11:50 AM</td>
<td>MW</td>
<td>PELLETIER, JOSHUA</td>
<td>6409</td>
<td></td>
<td></td>
</tr>
<tr>
<td>20229</td>
<td>ENGL-001B-11</td>
<td>LEC</td>
<td>10:00 AM-11:50 AM</td>
<td>TTh</td>
<td>PELLETIER, JOSHUA</td>
<td>6409</td>
<td></td>
<td></td>
</tr>
<tr>
<td>20230</td>
<td>ENGL-001B-12</td>
<td>LEC</td>
<td>10:00 AM-11:50 AM</td>
<td>TTh</td>
<td>BANACHI, JOANNA</td>
<td>6306</td>
<td></td>
<td></td>
</tr>
<tr>
<td>20917</td>
<td>ENGL-001B-13</td>
<td>LEC</td>
<td>12:00 PM-01:25 PM</td>
<td>TThF</td>
<td>WOLTERBEEK, KIM</td>
<td>6505</td>
<td></td>
<td></td>
</tr>
<tr>
<td>20744</td>
<td>ENGL-001B-15</td>
<td>LEC</td>
<td>12:00 PM-01:25 PM</td>
<td>TThF</td>
<td>ROBBINS, DOREN</td>
<td>6306</td>
<td></td>
<td></td>
</tr>
<tr>
<td>20770</td>
<td>ENGL-001B-16</td>
<td>LEC</td>
<td>01:30 PM-03:45 PM</td>
<td>MW</td>
<td>LEWIS, BRIAN</td>
<td>6505</td>
<td></td>
<td></td>
</tr>
<tr>
<td>20769</td>
<td>ENGL-001B-17</td>
<td>LEC</td>
<td>01:30 PM-03:45 PM</td>
<td>TTh</td>
<td>LEWIS, BRIAN</td>
<td>6505</td>
<td></td>
<td></td>
</tr>
<tr>
<td>21519</td>
<td>ENGL-001B-19</td>
<td>LEC</td>
<td>01:30 PM-03:35 PM</td>
<td>TTh</td>
<td>BANACHI, JOANNA</td>
<td>6302</td>
<td></td>
<td></td>
</tr>
<tr>
<td>20920</td>
<td>ENGL-001B-20</td>
<td>LEC</td>
<td>06:00 PM-08:15 PM</td>
<td>TTh</td>
<td>FLOWERS, APRIL</td>
<td>2400</td>
<td></td>
<td></td>
</tr>
<tr>
<td>20924</td>
<td>ENGL-001B-21W</td>
<td>LEC</td>
<td>TBA</td>
<td>TBA</td>
<td>ROBBINS, DOREN</td>
<td>ONLINE</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- **ENGL-001B-21W**: 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.

- **20925** ENGL-001B-22W: 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.

- **21597** ENGL-001B-23W: 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.

- **21598** ENGL-001B-24W: 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.

### ENGL 1C: ADVANCED COMPOSITION

**Formerly**: ENGL 2

**Prerequisite**: ENGL 1A or ESLL 26.

**Advisory**: Not open to students with credit in ENGL 1CH or 2.

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

**Not Repeatable.**

Advanced study and practice of expository and argumentative writing. Focus is on reading and writing assignments from across the disciplines to further improve and refine reading, grammar, composition, and critical thinking skills.

- **21461** ENGL-001C-01 | LEC | 08:00 AM-09:50 AM | MW | STAFF, M | 5601

### ENGL 15: INTEGRATED COMPOSITION & READING

**5 Units**

**Formerly**: ENGL 425

**Prerequisite**: Eligibility based on appropriate assessment information: CPT reading score of 55 (based on Ability to Benefit (ATB) standards); or ENGL 110 placement.

**Advisory**: Faculty recommendation for enrollment; if the student intends to use ENGL 15 & 1T combination to satisfy the Foothill General Education Requirement for Area II, English, the student must complete ENGL 15 and 1T. Also, to receive UC transfer credit for ENGL 1A, the student must complete ENGL 15 and 1T, and UC will transfer 5 units maximum for the combination of these two courses.

**Corequisite**: ENGL 242A

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

**Not Repeatable.**

### ENGL 5: GAY & LESBIAN LITERATURE

**4 Units**

**Advisory**: Eligibility for ENGL 1A; not open to students with credit in ENGL 5H.

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

**Not Repeatable.**

Introduction to the history and development of gay and lesbian literature as a continuous theme in the development of mainstream literary traditions and, more recently, as a separate and distinct literary genre. Readings selected to represent a variety of historical periods and contrasting societal attitudes toward same-sex relationships, ranging from ancient Greek and Roman texts to contemporary American poetry, fiction, drama, and non-fiction prose. Emphasis on the emergence of contemporary gay/lesbian literatures and identities in the United States in the twentieth century within the broader context of on-going class, race, gender, religious, political, and aesthetic debates.

- **20223** ENGL-005-01W | LEC | TBA | TBA | DAILEY, ALISON | ONLINE | ENGL-005-01W: 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.

### ENGL 11: INTRODUCTION TO POETRY

**4 Units**

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

**Advisory**: Not open to students with credit in ENGL 11H.

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

**Not Repeatable.**

Analysis and discussion of forms, techniques and meanings of poetry, with emphasis on modern examples in English or translation to develop the student’s ability to read, understand, and evaluate a poem.

- **21670** ENGL-011-01 | LEC | 01:30 PM-03:20 PM | TTh | ROBBINS, DOREN | 6306

### ENGL 14: TRAVELING THE WORLD THROUGH CONTEMPORARY LITERATURE

**4 Units**

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

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

**Not Repeatable.**

Selected fiction written between 1950 and the present, with emphasis on English and translation to develop the student’s ability to read, understand, and evaluate a poem.

- **20629** ENGL-014-01 | LEC | 01:00 AM-01:50 AM | TTh | TRENOR, ERIC | 5991

### ENGL 1AH: HONORS COMPOSITION & READING

**5 Units**

**Prerequisite**: Eligibility based on appropriate assessment information; Honors Institute participant.

**Advisory**: Not open to students with credit in ENGL 1A.

**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.

- **20629** ENGL-014-01 | LEC | 10:00 AM-11:50 AM | TTh | TRENOR, ERIC | 5991

### Unless otherwise noted in the schedule, Fall Quarter 2012 classes run September 24 to December 14, 2012.**

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 August 20. Course listing and footnote information may have significantly changed. For the most accurate, current course listings, always access the class schedule.
## FALL QUARTER 2012 COURSES

### ENGL 1BH
**HONORS COMPOSITION, CRITICAL READING & THINKING**

Prerequisite: ENGL 1A; Honors Institute participant.
Advisory: Not open to students with credit in ENGL 1B.

5 units

Not Repeatable.

The honors section offers rigorous preparation in analytic reading and writing skills for students intending to transfer to a four-year college or university. Course provides opportunity to engage contemporary social and ethical issues through small group discussion, a structured sequence of papers requiring higher-level thinking tasks, and collaborative projects. Emphasis is placed on multiple drafts and substantive revision to produce articulate writing appropriate to academic disciplines. Research paper is required.

20232 ENGL-01AH-01H LEC 10:00 AM-11:50 AM TTh LANKFORD, SCOTT 5999
LEC 11:00 AM-11:50 AM TTh LANKFORD, SCOTT 5999
ENGL-01AH-01H: Honors students only. Call the Honors Institute at (650) 949-7638.

### ENGL 46A
**MONSTERS, MADNESS & MAYHEM:** ENGLISH LITERATURE FROM ITS EARLIEST BEGINNINGS TO MILTON

4 units

Not Repeatable.

A survey of selected literary works beginning with the earliest Old English period (Caedmon's Hymn, Beowulf, etc.), Middle English period (the Gawain poet, Chaucer, etc.) and the early modern period (Spenser, Shakespeare, Donne, Milton, etc.) focusing on the development of literary genres within specific historical and cultural contexts.

20234 ENGL-046A-01 LEC 08:00 AM-09:50 AM TTh STAFF, M 3403

### ENGL 110
**INTRODUCTION TO COLLEGE WRITING**

5 units

Not Repeatable.

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.

20236 ENGL-110-01 LEC 07:35 AM-09:50 AM MW MCPHERSON, SAMUEL 6303
20237 ENGL-110-02 LEC 07:35 AM-09:50 AM TTh MCPHERSON, SAMUEL 6401
20238 ENGL-110-03 LEC 08:00 AM-09:50 AM MW WEYDEMULLER, BRIAN 6409
21468 ENGL-110-04 LEC 08:00 AM-09:50 AM TTh DAUER, LESLEY 5617
20239 ENGL-110-05 LEC 09:00 AM-10:50 AM F DEVAUT, WILL 6403

### 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.

20949 ENGL-209-01 LEC 07:35 AM-09:50 AM MW GREGURAS, KAREN 6506
20950 ENGL-209-02 LEC 07:35 AM-09:50 AM TTh HARVEY, SHERRI 6301
20951 ENGL-209-03 LEC 08:00 AM-09:50 AM MW WALKER, PEGGY 6507
20952 ENGL-209-04 LEC 08:00 AM-09:50 AM F WALKER, PEGGY 6507
20954 ENGL-209-06 LEC 09:00 AM-09:50 AM F SPERRY, ISABEL 6507
20955 ENGL-209-07 LEC 09:00 AM-09:50 AM F WALKER, PEGGY 6507
20956 ENGL-209-08 LEC 09:00 AM-09:50 AM F GREGURAS, KAREN 6507
20957 ENGL-209-09 LEC 10:00 AM-11:50 AM MW FERNANDEZ, HILDA 6505
20960 ENGL-209-10 LEC 10:00 AM-11:50 AM F WALKER, PEGGY 6501
20961 ENGL-209-11 LEC 11:00 AM-12:50 AM TTh MENENDEZ, NATALIA 6307
20962 ENGL-209-12 LEC 11:00 AM-12:50 AM TTh MENENDEZ, NATALIA 6307
20963 ENGL-209-13 LEC 12:00 PM-01:50 PM TTh LANE, LINDA 6307
20965 ENGL-209-14 LEC 06:00 PM-08:15 PM TTh HARVEY, SHERRI MCJ3
20966 ENGL-209-15 LEC 06:00 PM-08:15 PM F STAFF, M 3402

### ENGL 242A
**CRITICAL THINKING: STUDENT-MANAGED PORTFOLIO DEVELOPMENT**

2 units

Corequisite: ENGL 1S.
2 hours lecture. (24 total hours per quarter.)
Not Repeatable.

20240 ENGL-110-06 LEC 10:00 AM-11:50 AM MW WALLACE, JERAMY 6305
20241 ENGL-110-07 LEC 10:00 AM-11:50 AM MW STUDER, KATHARINE 6306
20242 ENGL-110-08 LEC 10:00 AM-11:50 AM TTh DAUER, LESLEY 6302
20243 ENGL-110-09 LEC 10:00 AM-11:50 AM TTh PRATT, KEITH 8401
20245 ENGL-110-11 LEC 12:00 PM-01:50 PM TThf MENENDEZ, NATALIA 6405
20244 ENGL-110-10 LEC 01:30 PM-03:45 PM MW STAFF, M 6405
20745 ENGL-110-12 LEC 03:30 PM-05:45 PM TThf MENENDEZ, NATALIA 6501
20940 ENGL-110-14 LEC 06:00 PM-08:15 PM TThf McNICOL, JAMES MCJ5
21668 ENGL-110-15 LEC 08:00 AM-09:50 AM MW STAFF, M 3402
LEC 08:00 AM-08:50 AM F STAFF, M 3402

**Fall Quarter 2012 Classes run September 24 to December 14, 2012.** 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 August 20. Course listing and footnote information may have significantly changed. For the most accurate, current course listings, always access the class schedule.
ENGR 10  INTRODUCTION TO ENGINEERING  5 Units
Formerly: ENGR 20
Prerequisite: MATH 220, high school Trigonometry and Physics
Advisory: ENGL 110 or ESLL 25; not open to students with credit in ENGR 20.
3 hours lecture, 6 hours laboratory. (108 total hours per quarter.)
Not Repeatable.

An introduction to engineering and the engineering professions to include exposure to engineering project development, the use of computer tools, experimentation, data analysis, and presentation.

ENGR 37  INTRODUCTION TO CIRCUIT ANALYSIS  5 Units
Prerequisites: MATH 1B and PHYS 4B.
5 hours lecture. (60 total hours per quarter.)
Not Repeatable.

Analysis of lumped, linear circuits in steady state DC and AC. Principals and Laws are used such as Ohm’s Law and Kirchhoff’s Law, Thevenin’s and Norton’s Theorem. Method of analyze circuits also include Linearity, Superposition, Source Transformation, and Maximum Power Transfer. First and second order circuits’ complete response, AC power and steady-state analysis, frequency and transient response and circuits using op-amps.

ENGR 37L  CIRCUIT ANALYSIS LABORATORY  2 Units
Corequisite: ENGR 37.
1 hour lecture-laboratory, 3 hours laboratory. (48 total hours per quarter.)
Not Repeatable.

Practical verification of theorems and concepts learned in ENGR 37 (Circuit Analysis) through experimentation. Included will be experiments in DC and AC circuits involving the utilization of a variety of instruments such as DC/AC meters, regulated power supplies, signal generators, oscilloscopes and frequency counters.

ENGR 39  ENERGY, SOCIETY & THE ENVIRONMENT  5 Units
Advisory: MATH 10 or 57.
4 hours lecture, 3 hours laboratory. (84 total hours per quarter.)
Not Repeatable.

Guides the general education student without a science or technology background through humanity’s efforts to harness and generate energy, for industry, work, habitat and recreation. Serves as a formal introduction to work, energy and efficiency, from human’s earliest endeavors building pyramids to the development of railroads, the automobile and airplane, nuclear power, and alternative energy sources. Topics include energy, work, and power, steam and internal combustion engine, electricity, cars and transportation, and atomic energy. Emphasis on the environmental impact from acid rain, smog and the greenhouse effect, to pollution from coal, natural gas, and petroleum extraction, to nuclear accidents. Includes a comprehensive overview of sustainable energy systems, megacities, LEED and high efficiency buildings, and integrated food, water, and transportation services. Discussion and reflection on global population and consumption driven economic models.

ENGR 40  INTRODUCTION TO CLEAN ENERGY TECHNOLOGY  5 Units
Advisory: High school chemistry or CHEM 25; ability to do basic engineering calculations, including use of spreadsheets.
4 hours lecture, 3 hours laboratory. (84 total hours per quarter.)
Not Repeatable.

Introduces the technical student to the field of clean energy technology, including modern energy systems and utility infrastructure, fossil fuel and renewable energy power generation, solar photovoltaic (PV) and wind technology, buildings as systems, green and LEED building, smart energy and active distribution (microgrid concept), transportation energy and advanced transportation solutions, and the future of sustainable energy systems. Overview of the energy industry, environmental and economic considerations, and key research and policy areas for clean and sustainable energy solutions. Provides students with a conceptual framework and foundation to proceed to more advanced study, as well as exploring emerging clean energy careers.

ENGR 49  ENGINEERING PROFESSION  1 Unit
1 hour lecture. (12 total hours per quarter.)
Not Repeatable.

A study of the engineering profession, its requirements, opportunities and responsibilities. A preview of the applications of basic science to engineering problems. Review of engineering case studies.

ENGR 037L  CIRCUIT ANALYSIS LABORATORY  2 Units
Corequisite: ENGR 37.
1 hour lecture-laboratory, 3 hours laboratory. (48 total hours per quarter.)
Not Repeatable.

Practical verification of theorems and concepts learned in ENGR 37 (Circuit Analysis) through experimentation. Included will be experiments in DC and AC circuits involving the utilization of a variety of instruments such as DC/AC meters, regulated power supplies, signal generators, oscilloscopes and frequency counters.

ENGR 039L  CIRCUIT ANALYSIS LABORATORY  2 Units
Corequisite: ENGR 37.
1 hour lecture-laboratory, 3 hours laboratory. (48 total hours per quarter.)
Not Repeatable.

Practical verification of theorems and concepts learned in ENGR 37 (Circuit Analysis) through experimentation. Included will be experiments in DC and AC circuits involving the utilization of a variety of instruments such as DC/AC meters, regulated power supplies, signal generators, oscilloscopes and frequency counters.
ESLL 25
COMPOSITION & READING
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 recommended; not open to students with credit in ESL 25 or 257. 5 hours lecture. (60 total hours per quarter.)

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

ESLL 200A
FOUNDATIONS IN ENGLISH AS A SECOND LANGUAGE I
Formerly: ESL 200A
Advisory: Not open to students with credit in ESL 200A. 8 hours lecture. (96 total hours per quarter.)

ESLL 200B
FOUNDATIONS IN ENGLISH AS A SECOND LANGUAGE II
Formerly: ESL 200B
Prerequisite: ESLLL 200A.
Advisory: Not open to students with credit in ESL 200B. 8 hours lecture. (96 total hours per quarter.)

ESLL 210A
FOUNDATIONS IN ENGLISH AS A SECOND LANGUAGE III
Formerly: ESL 210A
Prerequisite: Appropriate placement test score or a grade of “C” or better in ESLL 200B.
Advisory: Not open to students with credit in ESL 210A. 8 hours lecture. (96 total hours per quarter.)

ESLL 210B
FOUNDATIONS IN ENGLISH AS A SECOND LANGUAGE IV
Formerly: ESL 210B
Prerequisite: ESLLL 210A.
Advisory: Not open to students with credit in ESL 210B. 8 hours lecture. (96 total hours per quarter.)

ESLL 226
HIGH-INTERMEDIATE GRAMMAR
Formerly: ESL 156
Prerequisite: Appropriate placement test score or ESLL 210B.
Advisory: Concurrent enrollment in ESLL 227; not open to students with credit in ESL 156. 5 hours lecture. (60 total hours per quarter.)

ESLL 227
HIGH-INTERMEDIATE READING SKILLS
Formerly: ESL 157
Prerequisite: Appropriate placement test score or ESL 210B.
ESLL 235 LISTENING/SPEAKING FOR ACADEMIC PURPOSES 5 Units
Formerly: ESL 165
Prerequisite: Appropriate placement test score or ESL 225.
Advisory: Successful completion of ESL 226 and ESL 227 strongly recommended; designed for students whose native language is not English; not open to students with credit in ESL 165.
5 hours lecture. (60 total hours per quarter.)
Not Repeatable.
A listening/speaking course focusing on preparing students for listening to authentic lectures and classroom discussions. Practice with classroom interactional, discussion and presentation skills. Pronunciation work to develop intelligible speech and ability to comprehend naturally spoken English in academic contexts. Level appropriate reading and writing tasks in connection with these activities.

ESLL 236 ADVANCED GRAMMAR 5 Units
Formerly: ESL 166
Prerequisites: Appropriate placement test score or ESL 226 and 227.
Advisory: Concurrent enrollment in ESL 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.
Continuation of ESL 226. 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.

ESLL 237 BASIC COMPOSITION SKILLS 5 Units
Formerly: ESL 167
Prerequisite: Appropriate placement test score or a grade of “C” or better in ESL 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 ESL 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.

ESLL 246 APPLIED GRAMMAR & EDITING SKILLS 3 Units
Formerly: ESL 176
Prerequisites: Completion of ESL 236 or an appropriate score on the ESL placement test.
Corequisites: Concurrent enrollment in ESL 25, 26, ENGL 110, 1A or 1B.
3 hours lecture. (36 total hours per quarter.)
Not Repeatable.
Identify and edit for patterns of grammatical errors in original writing. Develop individual error profile. Address pertinent grammar issues through review of grammatical rules, various grammar exercises, and editing of sample papers and original work.

ESLL 247 ADVANCED VOCABULARY DEVELOPMENT FOR READING & WRITING 3 Units
Formerly: ESL 177
Prerequisites: Appropriate placement test score or successful completion of ESL 236 and 237.
Advisory: Designed for students whose native language is not English; not open to students with credit in ESL 177.
3 hours lecture. (36 total hours per quarter.)
Not Repeatable.
Expansion of academic vocabulary to meet the specific vocabulary needs for students in an academic setting. Multiple exposures to target words in meaningful contexts and rich information about each word. May be repeated one time as course content changes.

ESLL 248 ADVANCED GRAMMAR REVIEW 3 Units
Formerly: ESL 186
Prerequisite: ESL 236 or an appropriate score on the ESL Placement Test.
Advisory: Not open to students with credit in ESL 186.
3 hours lecture. (36 total hours per quarter.)
Not Repeatable.
A review of essential grammar and greater in-depth examination of grammatical and lexical structures used in academic and professional writing designed for nonnative speakers of English. This course is delivered entirely online.

ESLL 248W ADVANCED GRAMMAR REVIEW 3 Units
Formerly: ESL 186W
Corequisites: Concurrent enrollment in ESLL 25, 26, ENGL 110, 1A or 1B.
Advisory: Not open to students with credit in ESL 186.
3 hours lecture. (36 total hours per quarter.)
Not Repeatable.
A review of essential grammar and greater in-depth examination of grammatical and lexical structures used in academic and professional writing designed for nonnative speakers of English. This course is delivered entirely online.

ESLL 250 INTRODUCTION TO POPULAR CULTURE 4 Units
Advisory: Not open to students with credit in MND 11.
4 hours lecture, 1 hour laboratory. (60 total hours per quarter.)
Not Repeatable.

ESLL 250W INTRODUCTION TO POPULAR CULTURE 4 Units
Corequisites: Concurrent enrollment in ESLL 25, 26, ENGL 110, 1A or 1B.
Advisory: Not open to students with credit in ESL 186.
4 hours lecture, 1 hour laboratory. (60 total hours per quarter.)
Not Repeatable.

ESLL 250W INTRODUCTION TO POPULAR CULTURE 4 Units
Corequisites: Concurrent enrollment in ESLL 25, 26, ENGL 110, 1A or 1B.
Advisory: Not open to students with credit in ESL 186.
4 hours lecture, 1 hour laboratory. (60 total hours per quarter.)
Not Repeatable.

ESLL 250W INTRODUCTION TO POPULAR CULTURE 4 Units
Corequisites: Concurrent enrollment in ESLL 25, 26, ENGL 110, 1A or 1B.
Advisory: Not open to students with credit in ESL 186.
4 hours lecture, 1 hour laboratory. (60 total hours per quarter.)
Not Repeatable.

ESLL 250W INTRODUCTION TO POPULAR CULTURE 4 Units
Corequisites: Concurrent enrollment in ESLL 25, 26, ENGL 110, 1A or 1B.
Advisory: Not open to students with credit in ESL 186.
4 hours lecture, 1 hour laboratory. (60 total hours per quarter.)
Not Repeatable.

ESLL 250W INTRODUCTION TO POPULAR CULTURE 4 Units
Corequisites: Concurrent enrollment in ESLL 25, 26, ENGL 110, 1A or 1B.
Advisory: Not open to students with credit in ESL 186.
4 hours lecture, 1 hour laboratory. (60 total hours per quarter.)
Not Repeatable.

ESLL 250W INTRODUCTION TO POPULAR CULTURE 4 Units
Corequisites: Concurrent enrollment in ESLL 25, 26, ENGL 110, 1A or 1B.
Advisory: Not open to students with credit in ESL 186.
4 hours lecture, 1 hour laboratory. (60 total hours per quarter.)
Not Repeatable.

ESLL 250W INTRODUCTION TO POPULAR CULTURE 4 Units
Corequisites: Concurrent enrollment in ESLL 25, 26, ENGL 110, 1A or 1B.
Advisory: Not open to students with credit in ESL 186.
4 hours lecture, 1 hour laboratory. (60 total hours per quarter.)
Not Repeatable.

ESLL 250W INTRODUCTION TO POPULAR CULTURE 4 Units
Corequisites: Concurrent enrollment in ESLL 25, 26, ENGL 110, 1A or 1B.
Advisory: Not open to students with credit in ESL 186.
4 hours lecture, 1 hour laboratory. (60 total hours per quarter.)
Not Repeatable.

ESLL 250W INTRODUCTION TO POPULAR CULTURE 4 Units
Corequisites: Concurrent enrollment in ESLL 25, 26, ENGL 110, 1A or 1B.
Advisory: Not open to students with credit in ESL 186.
4 hours lecture, 1 hour laboratory. (60 total hours per quarter.)
Not Repeatable.

ESLL 250W INTRODUCTION TO POPULAR CULTURE 4 Units
Corequisites: Concurrent enrollment in ESLL 25, 26, ENGL 110, 1A or 1B.
Advisory: Not open to students with credit in ESL 186.
Course Number | CRN | Course ID | Activity | Title | Time | Days | Instructor | Location | Units
--- | --- | --- | --- | --- | --- | --- | --- | --- | ---
20805 | FA-001-01Y | LEC | 10:00 AM-11:50 AM | MW | HARTWELL, ROBERT | 4002 | LAB | TBA | TBA | Online | Foothill, Robert
20806 | FA-001-02W | LEC | 11:50 AM-1:40 PM | MW | HARTWELL, ROBERT | 4002 | LAB | TBA | TBA | Online | Foothill, Robert
20807 | FA-001-01W | LEC | 12:00 PM-2:50 PM | MW | CRAM, SHANNON | Online | LAB | TBA | TBA | Online | Foothill, Shannon
20808 | FA-001-04W | LEC | 2:50 PM-5:40 PM | MW | CRAM, SHANNON | Online | LAB | TBA | TBA | Online | Foothill, Shannon
20936 | GEOG-001-01W | LEC | 12:00 PM-1:50 PM | Th | WILLAHAN, DAUNE | 3401 | LAB | 02:30 PM-04:30 PM | Th | WILLAHAN, DAUNE | 3401
20937 | GEOG-001-02W | LEC | 12:00 PM-2:50 PM | Th | CRAM, SHANNON | Online | LAB | TBA | TBA | Online | Foothill, Shannon
20938 | GEOG-001-05Y | LEC | 12:00 PM-1:50 PM | MW | MEEZAN, KAREN | 3401 | LAB | TBA | TBA | Online | Foothill, Karen
21538 | GEOG-001-05Y | LEC | 12:00 PM-1:50 PM | MW | MEEZAN, KAREN | 3401 | LAB | TBA | TBA | Online | Foothill, Karen
21539 | GEOG-001-06W | LEC | 12:00 PM-1:50 PM | MW | SENGUPTA, DYUTI | Online | LAB | TBA | TBA | Online | Foothill, Dyuti

Units

22025 | FARL-999-01 | TBA | TBA | HEISER, MEREDITH | TBA | Online | Foothill, Meredith

---

**Geography**

**Business & Social Sciences**  (650) 949-7322  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 information degree program, visit www.foothillglobalaccess.org/main/aa_geography_new.htm. For general information, visit www.foothill.edu/bss.

**GEOG 1 PHYSICAL GEOGRAPHY**  5 Units

Advisories: 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.

20936 GEOG-001-01 | 12:00 PM-1:50 PM | Th | WILLAHAN, DAUNE | 3401 | LAB | 02:30 PM-04:30 PM | Th | WILLAHAN, DAUNE | 3401

---

**FALL QUARTER 2012 COURSES**

---

**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.

20922 GEOG-002-01 | 08:00 AM-09:50 AM | MW | HANSELL, CHRISTINE | 3404 | LAB | TBA | TBA | ONLINE | Foothill, Christine

---

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

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

20867 GEOG-005-01W | LEC | TBA | TBA | DAVIS, M | Online | LAB | TBA | TBA | Online | Foothill, DAVIS, M

---

**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, impact and importance of the foremost features of countries, states, major cities, rivers and landform regions.

21541 GEOG-010-01 | 10:00 AM-11:50 AM | MW | DAVIS, M | 3305 | LAB | TBA | TBA | Online

---

**GEOG 12 INTRODUCTION TO GEOGRAPHIC INFORMATION SYSTEMS (GIS)**  4 Units

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

Study of Geographic Information Systems (GIS) science and its applications to spatial data management. Assessment of vector and raster systems, scale, resolution, map projection, coordinate systems, Georeferencing and Global Positioning Systems (GPS). Discussion and analysis of uncertainty propagation with a GIS. Modeling with GIS.

20988 GEOG-012-01Y | 06:00 PM-08:00 PM | W | MEEZAN, KAREN | 4008 | LAB | TBA | TBA | ONLINE | Foothill, Karen

---

**Gerontology**

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

Unless otherwise noted in the schedule, Fall Quarter 2012 classes run September 24 to December 14, 2012. 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 August 20. Course listing and footnote information may have significantly changed. For the most accurate, current course listings, always access the class schedule.
**Fall Quarter 2012 Courses**

<table>
<thead>
<tr>
<th>Course Number</th>
<th>CRN</th>
<th>Activity</th>
<th>Time</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>GERN 55</td>
<td>21599</td>
<td>LEC</td>
<td>06:00 PM-08:50 PM</td>
<td>DELANGE, MARGARETHA</td>
<td>3401</td>
</tr>
<tr>
<td>GID 33</td>
<td>21778</td>
<td>LEC</td>
<td>TBA</td>
<td>MANSKE, KENT</td>
<td>ONLINE</td>
</tr>
<tr>
<td>GID 41</td>
<td>21456</td>
<td>LEC</td>
<td>TBA</td>
<td>MANSKE, KENT</td>
<td>ONLINE</td>
</tr>
<tr>
<td>GID 46</td>
<td>21453</td>
<td>LEC</td>
<td>TBA</td>
<td>MANSKE, KENT</td>
<td>ONLINE</td>
</tr>
</tbody>
</table>

**Graphics & Interactive Design**

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

**GID 1**  
**Title:** History of Graphic Design  
**Units:** 4  
**Activity:** 4 hours lecture (48 total hours per quarter)  
**Limit:** Not Repeatable

A study of the development of visual communication in art, graphic design, illustration and popular culture. Emphasis on the role, impact and interpretation of images, symbols, and typography used in informative and persuasive media.

**GID 33**  
**Title:** Graphic Design Studio I  
**Units:** 4  
**Activity:** 3 hours lecture, 3 hours laboratory (72 total hours per quarter)  
**Limit:** 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.

**GID 41**  
**Title:** Digital Art & Graphics  
**Units:** 4  
**Activity:** 3 hours lecture, 3 hours laboratory (72 total hours per quarter)  
**Limit:** Not Repeatable

Basic instruction using the computer for emerging media technologies; digital sound, video editing, and animation. Emphasis on time based media and creative problem solving.

**GID 46**  
**Title:** Screenprinting  
**Units:** 4  
**Activity:** 3 hours lecture, 3 hours laboratory (72 total hours per quarter)  
**Limit:** Not Repeatable

Introduction to screen printing processes, exploring the techniques of hand cut stencils, direct drawn stencils and photographic processes. Theory and practice making images for limited-edition and one-of-a-kind fine art prints.

Unless otherwise noted in the schedule, Fall Quarter 2012 classes run September 24 to December 14, 2012. All courses are Title 5 Degree applicable credit courses unless otherwise noted. All fee payments are due at time of registration. Instructions 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 August 20. Course listing and footnote information may have significantly changed. For the most accurate, current course listings, always access the class schedule.
FALL QUARTER 2012 COURSES

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

GID 53 T-SHIRT DESIGN & GARMENT PRINTING 4 Units
Formerly: GID 32
3 hours lecture, 3 hours laboratory. (72 total hours per quarter.) May be taken six times for credit.
Basic instruction in design and printing for wearable art. Students learn hand-drawn and digital skills for image creation and preparation of multi-color artwork for screenprinting on t-shirts, fabrics and wearable substrates. Development of personal visual style while learning business practices of garment printing.

21457 GID-053-01 LEC 06:00 PM-07:15 PM MW KNEELAND, ERIC 1801
GID-053-01: Materials fee, $30.

GID 56 WEB SITE DESIGN 4 Units
Advisory: GID 50; proficiency using Photoshop or Illustrator software recommended; not open to students with credit in GIDS 94.
3 hours lecture, 3 hours laboratory. (72 total hours per quarter.) Not Repeatable.
Basic instruction using the computer for web site and interface design. Emphasis on interactive media and creative problem solving.

21422 GID-056-01W LEC TBA TBA BROWN, CAROLYN ONLINE
GID-056-01W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.

22034 GID-056-02W LEC TBA TBA BROWN, CAROLYN ONLINE
GID-056-02W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.

GID 70 GRAPHIC DESIGN DRAWING 4 Units
Advisory: Not open to students with credit in GIDS 60.
3 hours lecture, 3 hours laboratory. (72 total hours per quarter.) May be taken two times for credit.
Developing drawing skills for communicating ideas. Learning to simplify complex realistic images to express design concepts rapidly and effectively.

20796 GID-070-01W LEC TBA TBA RAGEY, JOSEPH ONLINE
GID-070-01W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ 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.

20253 HIST-004B-01W LEC TBA TBA STANDISH, RACHEL ONLINE
HIST-004B-01W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.

20254 HIST-004B-02 LEC 12:00 PM-01:50 PM Tth TINSLEY, BARBARA 3204

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.

21875 HIST-004C-01 LEC 10:00 AM-11:50 AM Tth PRATER, CAROLINE 5931

20255 HIST-004C-02W LEC TBA TBA FEIG, KONNILYN ONLINE
HIST-004C-02W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.

HIST 9 HISTORY OF CONTEMPORARY EUROPE 4 Units
Advisory: Eligibility for ENGL 1A or ESLL 26; not open to students with credit in HIST 9H.
4 hours lecture. (48 total hours per quarter.) Not Repeatable.
Twentieth Century Europe. Political social, and cultural developments in recent European history. World War I and the consequences of Versailles, Bolshevik Revolution and rise of Communism, Italian Fascism and German Nazism. The diplomacy of World War II, Cold War, and current developments in Western and Eastern Europe. Global impacts.

21263 HIST-009-01Q LEC 12:00 PM-03:40 PM M FEIG, KONNILYN 3201

HIST 9H HONORS HISTORY OF CONTEMPORARY EUROPE 4 Units
Prerequisite: Honors Institute participant.
Advisory: Eligibility for ENGL 1A or ESLL 26; not open to students with credit in HIST 9.
4 hours lecture. (48 total hours per quarter.) Not Repeatable.
Twentieth Century Europe. Political social, and cultural developments in recent European history. World War I and the consequences of Versailles, Bolshevik Revolution and rise of Communism, Italian Fascism and German Nazism. The diplomacy of World War II, Cold War, and current developments in Western and Eastern Europe. Global impacts.

As an honors course, it is a full thematic seminar with advanced teaching methods focusing on major writing, reading, and research assignments, student class lectures, group discussions and interactions.

20779 HIST-009H-01H LEC 12:00 PM-03:40 PM M FEIG, KONNILYN 3201

HIST 17A HISTORY OF THE UNITED STATES TO 1816 4 Units

HIST 20251 HIST-004A-03 LEC 10:00 AM-11:50 AM MW FEIG, KONNILYN 3403
HIST-004A-03: Materials fee, $30.

HIST 20252 HIST-004A-04W LEC TBA TBA FEIG, KONNILYN ONLINE
HIST-004A-04W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.

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.

20249 HIST-004A-01 LEC 10:00 AM-11:50 AM Tth DAVISON, DOLores 3403
20250 HIST-004A-02 LEC 08:00 AM-09:50 AM MW FEIG, KONNILYN 3403
20251 HIST-004A-03 LEC 10:00 AM-11:50 AM MW FEIG, KONNILYN 3403
20252 HIST-004A-04W LEC TBA TBA FEIG, KONNILYN ONLINE
HIST-004A-04W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.

Unless otherwise noted in the schedule, Fall Quarter 2012 classes run September 24 to December 14, 2012. 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 August 20. Course listing and footnote information may have significantly changed. For the most accurate, current course listings, always access the class schedule.

www.foothill.edu
## Fall Quarter 2012 Courses

### Health

<table>
<thead>
<tr>
<th>Course Number</th>
<th>CRN</th>
<th>Title</th>
<th>Time</th>
<th>Activity</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>HLTH 21</td>
<td></td>
<td>CONTEMPORARY HEALTH CONCERNS</td>
<td>4</td>
<td>Units</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>20263</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>HOROWITZ, KENNETH</td>
<td>4802</td>
</tr>
<tr>
<td></td>
<td>20264</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>HOROWITZ, KENNETH</td>
<td>3525</td>
</tr>
</tbody>
</table>

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.

### HLTH 55 EMERGENCY MEDICAL RESPONSE

<table>
<thead>
<tr>
<th>Course Number</th>
<th>CRN</th>
<th>Title</th>
<th>Time</th>
<th>Activity</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>HLTH 55</td>
<td></td>
<td></td>
<td>5</td>
<td>Units</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>20610</td>
<td>EMERGENCY MEDICAL RESPONSE</td>
<td></td>
<td></td>
<td></td>
<td>HAYES, DIANE</td>
<td>MC B4</td>
</tr>
<tr>
<td></td>
<td>20611</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>HAYES, DIANE</td>
<td>MC B4</td>
</tr>
<tr>
<td></td>
<td>21385</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>HAYES, DIANE</td>
<td>MC B4</td>
</tr>
</tbody>
</table>

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.

### Historical Science

<table>
<thead>
<tr>
<th>CRN</th>
<th>Activity</th>
<th>Title</th>
<th>Time</th>
<th>Instructor</th>
<th>Units</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>21493</td>
<td>HIST-017A-01W</td>
<td>HIST 17A - HISTORIC WORLD</td>
<td>TBA</td>
<td>TBA</td>
<td>FUNG, KATHLEEN</td>
<td>ONLINE</td>
</tr>
<tr>
<td>21490</td>
<td>HIST-017A-03</td>
<td>HIST 17B - HISTORY OF THE UNITED STATES FROM 1812 TO 1914</td>
<td>TBA</td>
<td>TBA</td>
<td>STAFF, M</td>
<td>3404</td>
</tr>
<tr>
<td>21491</td>
<td>HIST-017A-05</td>
<td>HIST 17C - HISTORY OF THE UNITED STATES FROM 1900 TO THE PRESENT</td>
<td>TBA</td>
<td>TBA</td>
<td>PRATER, CARRIE</td>
<td>3106</td>
</tr>
<tr>
<td>21492</td>
<td>HIST-017A-01W</td>
<td>HIST 17D - HISTORIC WORLD</td>
<td>TBA</td>
<td>TBA</td>
<td>FUNG, KATHLEEN</td>
<td>ONLINE</td>
</tr>
</tbody>
</table>

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.

### Environmental Horticulture

<table>
<thead>
<tr>
<th>CRN</th>
<th>Activity</th>
<th>Title</th>
<th>Time</th>
<th>Activity</th>
<th>Days</th>
<th>Instructor</th>
<th>Units</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>21494</td>
<td>HIST-017C-01</td>
<td>HIST 17C - HISTORIC WORLD</td>
<td>TBA</td>
<td>TBA</td>
<td>MARDER, PATRICK</td>
<td>5981</td>
<td></td>
<td></td>
</tr>
<tr>
<td>21495</td>
<td>HIST-017C-03</td>
<td>HIST 17D - HISTORIC WORLD</td>
<td>TBA</td>
<td>TBA</td>
<td>JOHNSTON, BRADFORD</td>
<td>ONLINE</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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.

### HIST 4CH HONORS HISTORY OF WESTERN CIVILIZATION 1789-PRESENT

<table>
<thead>
<tr>
<th>CRN</th>
<th>Activity</th>
<th>Title</th>
<th>Time</th>
<th>Activity</th>
<th>Days</th>
<th>Instructor</th>
<th>Units</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>21879</td>
<td>HIST-04CH-03</td>
<td>HIST 17E - HISTORIC WORLD</td>
<td>TBA</td>
<td>TBA</td>
<td>FEIG, KENNILYN</td>
<td>3201</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Advisory: Honors Institute participant.
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. As an honors course, it is a full thematic seminar with advanced teaching methods focusing on major writing, reading, and research assignments; student class lectures; group discussions and interactions.

### Environmental Horticulture & Design

<table>
<thead>
<tr>
<th>CRN</th>
<th>Activity</th>
<th>Title</th>
<th>Time</th>
<th>Activity</th>
<th>Days</th>
<th>Instructor</th>
<th>Units</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>21580</td>
<td>HLTH-021-01</td>
<td>HLTH 21 - CONTEMPORARY HEALTH CONCERNS</td>
<td>TBA</td>
<td>TBA</td>
<td>PRATER, CARRIE</td>
<td>3106</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

### Biological & Health Sciences

<table>
<thead>
<tr>
<th>CRN</th>
<th>Activity</th>
<th>Title</th>
<th>Time</th>
<th>Activity</th>
<th>Days</th>
<th>Instructor</th>
<th>Units</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>20660</td>
<td>HLTH-055-01</td>
<td>HLTH 55 - EMERGENCY MEDICAL RESPONSE</td>
<td>TBA</td>
<td>TBA</td>
<td>PRATER, CARRIE</td>
<td>3106</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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.

### HORT 15 ORIENTATION TO ENVIRONMENTAL HORTICULTURE

<table>
<thead>
<tr>
<th>CRN</th>
<th>Activity</th>
<th>Title</th>
<th>Time</th>
<th>Activity</th>
<th>Days</th>
<th>Instructor</th>
<th>Units</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>21879</td>
<td>HIST-04CH-03</td>
<td>HIST 17E - HISTORIC WORLD</td>
<td>TBA</td>
<td>TBA</td>
<td>FEIG, KENNILYN</td>
<td>3201</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Advisory: Not open to students with credit in HORT 50A.
3.5 hours lecture, 1.5 hours laboratory. (60 total hours per quarter.)
Not Repeatable.

Unless otherwise noted in the schedule, Fall Quarter 2012 classes run September 24 to December 14, 2012. 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 August 20. Course listing and footnote information may have significantly changed. For the most accurate, current course listings, always access the class schedule.
### Fall Quarter 2012 Courses

<table>
<thead>
<tr>
<th>Course Number</th>
<th>CRN</th>
<th>Course ID</th>
<th>Activity</th>
<th>Title</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>21394</td>
<td>HORT-015.-01</td>
<td>LEC 09:00 AM-10:30 AM</td>
<td>MW</td>
<td>SVENSON, DANIEL</td>
<td>8609</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>LAB 10:30 AM-11:15 AM</td>
<td>MW</td>
<td>SVENSON, DANIEL</td>
<td>8609</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HORT 21</td>
<td>PLANT MATERIALS I</td>
<td>3 Units</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Formerly: HORT 51A</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Advisory: Completion of, or concurrent enrollment in HORT 50A strongly recommended; not open to students with credit in HORT 51A.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2 hours lecture, 3 hours laboratory. (60 total hours per quarter.)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Not Repeatable.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Identification, taxonomy, habits of growth, cultural and environmental requirements of woody plants grown in California. Emphasis on the use and maintenance of evergreen broadleaf trees in the landscape. Plants are observed in lab, on campus, and off-site locations. This course is required 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.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course ID</th>
<th>Activity</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>21396</td>
<td>HORT-025.-01</td>
<td>LEC 09:00 AM-10:30 AM</td>
<td>MW</td>
<td>SVENSON, DANIEL</td>
<td>8609</td>
<td></td>
</tr>
<tr>
<td>LAB 10:30 AM-11:15 AM</td>
<td>MW</td>
<td>SVENSON, DANIEL</td>
<td>8609</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HORT 25</td>
<td>PLANT MATERIALS: BAMBOOS &amp; PALMS</td>
<td>2 Units</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Formerly: HORT 51F</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Advisory: Completion of, or concurrent enrollment in HORT 50A strongly recommended; not open to students with credit in HORT 51F.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1 hour lecture, 3 hours laboratory. (48 total hours per quarter.)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Not Repeatable.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Identification, taxonomy, habits of growth, cultural and environmental requirements of bamboos and palms grown in California. Emphasis on the use and maintenance of these two categories of monocots, each with markedly different forms. Plants are observed in lab, on campus, and at off-site locations. This course is required 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.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course ID</th>
<th>Activity</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>21398</td>
<td>HORT-040.-01</td>
<td>LEC 12:30 PM-01:45 PM</td>
<td>MW</td>
<td>SVENSON, DANIEL</td>
<td>8607</td>
<td></td>
</tr>
<tr>
<td>HORT 40</td>
<td>LANDSCAPE DESIGN: GRAPHIC COMMUNICATION</td>
<td>4 Units</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Formerly: HORT 60A</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Advisory: Not open to students with credit in HORT 60A.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3 hours lecture, 3 hours laboratory. (72 total hours per quarter.)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Not Repeatable.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>An introductory survey of the basic principles of design communication, landscape graphics, and design process. Graphic mediums and tools, graphic vocabulary, graphic skills, reprographic techniques, plan reading, and presentation skill development. The application of lines, symbols, and letters to create typical landscape drawings. This course is intended for students in the horticulture program but members of the public and professional community are invited to enroll.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course ID</th>
<th>Activity</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>21399</td>
<td>HORT-040.-02</td>
<td>LEC 06:00 AM-07:15 AM</td>
<td>TTh</td>
<td>SVENSON, DANIEL</td>
<td>8607</td>
<td></td>
</tr>
<tr>
<td>LAB 07:15 AM-08:30 AM</td>
<td>TTh</td>
<td>SVENSON, DANIEL</td>
<td>8607</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HORT 45</td>
<td>LANDSCAPE DESIGN: COMPUTER APPLICATIONS</td>
<td>3 Units</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Formerly: HORT 60E</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Advisory: HORT 60A and a basic understanding of the operation of computers is strongly recommended; not open to students with credit in HORT 60E.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2 hours lecture, 3 hours laboratory. (60 total hours per quarter.)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Not Repeatable.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

Unless otherwise noted in the schedule, Fall Quarter 2012 classes run September 24 to December 14, 2012. 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 August 20. Course listing and footnote information may have significantly changed. For the most accurate, current course listings, always access the class schedule.
### FALL QUARTER 2012 COURSES

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course ID</th>
<th>Activity</th>
<th>Title</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>21402</td>
<td>HORT-090N-01</td>
<td>LEC</td>
<td>HORT 090N</td>
<td>09:00 AM-01:15 PM</td>
<td>S</td>
<td>RAFTERY, KEVIN</td>
<td>8609</td>
</tr>
<tr>
<td>21403</td>
<td>HORT-090Y-01</td>
<td>LEC</td>
<td>HORT 090Y</td>
<td>09:00 AM-01:15 PM</td>
<td>S</td>
<td>SMITH, CHRISTINA</td>
<td>8609</td>
</tr>
</tbody>
</table>

**JAPANESE**

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course ID</th>
<th>Activity</th>
<th>Title</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>20665</td>
<td>JAPN-002.-01</td>
<td>LEC</td>
<td>JAPN 002</td>
<td>10:00 AM-11:50 AM</td>
<td>TTh</td>
<td>GOTHON, SHIGEKO</td>
<td>5911</td>
</tr>
<tr>
<td>21381</td>
<td>JAPN-013A-01Q</td>
<td>LEC</td>
<td>JAPN 013A</td>
<td>06:00 PM-07:50 PM</td>
<td>MW</td>
<td>IIDA, KAZUKO</td>
<td>MC A5</td>
</tr>
</tbody>
</table>

**HUMANITIES**

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course ID</th>
<th>Activity</th>
<th>Title</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>2073</td>
<td>HUMN-004.-01</td>
<td>LEC</td>
<td>HUMN 004</td>
<td>08:00 AM-09:50 AM</td>
<td>MW</td>
<td>RAKOW, IKUKO</td>
<td>3307</td>
</tr>
</tbody>
</table>

**Language Arts**

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course ID</th>
<th>Activity</th>
<th>Title</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>20665</td>
<td>JAPN-002.-01</td>
<td>LEC</td>
<td>JAPN 002</td>
<td>10:00 AM-11:50 AM</td>
<td>TTh</td>
<td>GOTHON, SHIGEKO</td>
<td>5911</td>
</tr>
<tr>
<td>21381</td>
<td>JAPN-013A-01Q</td>
<td>LEC</td>
<td>JAPN 013A</td>
<td>06:00 PM-07:50 PM</td>
<td>MW</td>
<td>IIDA, KAZUKO</td>
<td>MC A5</td>
</tr>
</tbody>
</table>

Unless otherwise noted in the schedule, Fall Quarter 2012 classes run September 24 to December 14, 2012. 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 August 20. Course listing and footnote information may have significantly changed. For the most accurate, current course listings, always access the class schedule.

Foothill College • Fall Quarter 2012
Development of listening and speaking skills by exploring various forms of authentic materials, such as current news media, political speech, and debates. Stating and supporting opinions on various topics.  Understanding ambiguities, vagaries, and value inherent in the target language.  

**JAPN 14A ADVANCED CONVERSATION I**  
4 Units  
Prerequisite: JAPN 13B.  
4 hours lecture.  (48 total hours per quarter.)  
Not Repeatable.  
Development of fluency in the oral/aural language, and cultural skills required in socio-linguistic functions, i.e., honorifics, in-group/out-group, male/female, and formal/informal expressions. Development of critical thinking skills by comparing different viewpoints and different values of diverse cultures. Development of listening and speaking skills by exploring various forms of authentic materials, such as current news media, political speech, debates, and drama. Stating and supporting opinions on various topics, including abstract concepts. Understanding and appreciating ambiguities, vagaries, and value inherent in the target language.

**JAPN 14B ADVANCED CONVERSATION II**  
4 Units  
Prerequisite: JAPN 14A.  
Advisory: May be taken concurrently with JAPN 6.  
4 hours lecture.  (48 total hours per quarter.)  
Not Repeatable.  
Continuation of JAPN 14A. Development of advanced level of oral/aural fluency in the language, and cultural skills required in socio-linguistic functions. Stating and supporting opinions on complex, abstract topics. Analyzing and hypothesizing. Understanding cultural differences, persuading, negotiating, and giving speech in formal settings. Development of critical thinking skills by comparing different viewpoints and different values of diverse cultures. Development of listening and speaking skills by exploring various forms of authentic materials, such as current news media, debates on various issues, and drama.

**JAPN 192 COMMUNITY SERVICE LEARNING FOR JAPANESE**  
1 Unit  
Prerequisite: JAPN 6 or equivalent.  
1 hour lecture.  (12 total hours per quarter.)  
May be taken six times for credit.  
For students who desire training in experiential learning as community volunteers in Japanese language courses offered at Foothill College. The students enrolled in this course will assist the instructor as in-class Japanese language tutors.  

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

**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 225S.  
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.
### FALL QUARTER 2012 COURSES

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>21521 LINC-073A-01</td>
<td>Adobe Photoshop I</td>
<td>.5</td>
</tr>
<tr>
<td>21523 LINC-072D-01</td>
<td>Adobe InDesign II</td>
<td>.5</td>
</tr>
<tr>
<td>21525 LINC-073B-01</td>
<td>Adobe Illustrator I</td>
<td>.5</td>
</tr>
<tr>
<td>21526 LINC-076A-01</td>
<td>Creating Educational Web Sites I</td>
<td>1</td>
</tr>
<tr>
<td>21527 LINC-073I-01</td>
<td>Adobe Photoshop II</td>
<td>.5</td>
</tr>
<tr>
<td>21528 LINC-073B-01</td>
<td>Adobe Photoshop Overview</td>
<td>1</td>
</tr>
<tr>
<td>21530 LINC-073C-01</td>
<td>Adobe Flash I</td>
<td>.5</td>
</tr>
<tr>
<td>21531 LINC-073D-01</td>
<td>Adobe Flash II</td>
<td>.5</td>
</tr>
</tbody>
</table>

**Course Number**

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course ID</th>
<th>Activity</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>21521</td>
<td>LINC-073A-01</td>
<td>LEC</td>
<td>09:00 AM-03:00 PM</td>
<td>S</td>
<td>DAVIS, JANET</td>
<td>4006</td>
</tr>
<tr>
<td>21523</td>
<td>LINC-072D-01</td>
<td>LEC</td>
<td>09:00 AM-03:00 PM</td>
<td>S</td>
<td>DAVIS, JANET</td>
<td>4006</td>
</tr>
<tr>
<td>21525</td>
<td>LINC-073B-01</td>
<td>LEC</td>
<td>09:00 AM-03:00 PM</td>
<td>S</td>
<td>DAVIS, JANET</td>
<td>4006</td>
</tr>
<tr>
<td>21526</td>
<td>LINC-076A-01</td>
<td>LEC</td>
<td>09:00 AM-03:00 PM</td>
<td>S</td>
<td>HEUmann, Christopher</td>
<td>4006</td>
</tr>
<tr>
<td>21527</td>
<td>LINC-073I-01</td>
<td>LEC</td>
<td>09:00 AM-03:00 PM</td>
<td>S</td>
<td>DAVIS, JANET</td>
<td>4006</td>
</tr>
<tr>
<td>21530</td>
<td>LINC-073C-01</td>
<td>LEC</td>
<td>09:00 AM-03:00 PM</td>
<td>S</td>
<td>DAVIS, JANET</td>
<td>4006</td>
</tr>
<tr>
<td>21531</td>
<td>LINC-073D-01</td>
<td>LEC</td>
<td>09:00 AM-03:00 PM</td>
<td>S</td>
<td>DAVIS, JANET</td>
<td>4006</td>
</tr>
</tbody>
</table>

**Advisory:**

- Basic computer skills and knowledge of Macintosh or Windows operating systems; familiarity with Web browsers, email, bookmarking, searching, and downloading; not open to students with credit in LINC 2156.
- 1 hour lecture. (12 total hours per quarter.)
- Not Repeatable.

- This short course is an overview of several technologies and strategies to develop educational web sites. Participants will explore Web 2.0 collaborative tools to make a web site stand out and hold the viewer's attention. Presentation, audio, video, and community tools will be investigated and incorporated into a student web site. Elements of design and ideas for effective web sites will be discussed.

- This course is an introduction to educational technology in the classroom. Adobe Illustrator is a software drawing tool. This class will provide hands-on experience with the basic elements and tools of Adobe Illustrator to produce one-page illustrations. Enrollment is limited to six times within the LINC 73H, 73J & 73K group.
- .5 hours lecture. (6 total hours per quarter.)
- May be taken six times for credit.

- This short course is designed for educators and includes hands-on experiences that integrate digital imaging with teaching and learning. Emphasis is given to creating student-centered projects or activities using Photoshop. Learn to enhance image color and contrast, touch-up photos, create collages that tell stories, paint with the paint tools, manipulate and enhance text to create unique typographic effects, while creating student-centered projects. Enrollment is limited to six times within the LINC 73 group.
- 1 hour lecture. (12 total hours per quarter.)
- Not Repeatable.

- Adobe Flash is an introduction to multimedia software and hardware and the multimedia production process. Designed for trainees, educators, and anyone interested in multimedia, the course features hands-on learning with computer-based or internet software authoring tools to design and produce a multimedia project or presentation that integrates text, graphics, animation, sound, and digital video for educational, business, or entertainment purposes.
- .5 hours lecture. (6 total hours per quarter.)
- May be taken four times for credit.

---

Unless otherwise noted in the schedule, Fall Quarter 2012 classes run September 24 to December 14, 2012. 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 August 20. Course listing and footnote information may have significantly changed. For the most accurate, current course listings, always access the class schedule.
## FALL QUARTER 2012 COURSES

### Mathematics

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

**MATH 1A CALCULUS**  
5 Units  
Prerequisite: Satisfactory score on the mathematics placement test or MATH 49 or 48C.  
Advisory: Eligibility for ENGL 1A or ESSL 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.

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Title</th>
<th>Units</th>
<th>CRN</th>
<th>Activity</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH-001A-01</td>
<td>CALCULUS 1</td>
<td>5</td>
<td>20276</td>
<td>LEC 08:00 AM-09:50 AM</td>
<td>MW</td>
<td>CEMBELLIN, ZACHARY</td>
<td>4301</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>LEC 08:00 AM-08:50 AM</td>
<td>F</td>
<td>CEMBELLIN, ZACHARY</td>
<td>4301</td>
<td></td>
</tr>
<tr>
<td>MATH-001A-02</td>
<td>CALCULUS 1</td>
<td>5</td>
<td>20277</td>
<td>LEC 08:00 AM-09:50 AM</td>
<td>TTh</td>
<td>DELOS SANTOS, SARAH</td>
<td>5501</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>LEC 09:00 AM-09:50 AM</td>
<td>F</td>
<td>DELOS SANTOS, SARAH</td>
<td>5501</td>
<td></td>
</tr>
<tr>
<td>MATH-001A-03</td>
<td>CALCULUS 1</td>
<td>5</td>
<td>20278</td>
<td>LEC 10:00 AM-11:50 AM</td>
<td>MW</td>
<td>LAM, PHuong</td>
<td>4201</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>LEC 10:00 AM-10:50 AM</td>
<td>F</td>
<td>LAM, PHuong</td>
<td>4201</td>
<td></td>
</tr>
<tr>
<td>MATH-001A-04</td>
<td>CALCULUS 1</td>
<td>5</td>
<td>20279</td>
<td>LEC 11:00 AM-12:50 AM</td>
<td>TTh</td>
<td>GEORGIOU, ION</td>
<td>5001</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>LEC 11:00 AM-11:50 AM</td>
<td>F</td>
<td>GEORGIOU, ION</td>
<td>5001</td>
<td></td>
</tr>
<tr>
<td>MATH-001A-05</td>
<td>CALCULUS 1</td>
<td>5</td>
<td>20280</td>
<td>LEC 12:00 PM-01:25 PM</td>
<td>TThF</td>
<td>KO, SHANNON</td>
<td>4221</td>
<td></td>
</tr>
</tbody>
</table>

### 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.)  
May be taken five times for credit.

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. Enrollment is limited to six times within the LINC 85 group.

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Title</th>
<th>Units</th>
<th>CRN</th>
<th>Activity</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>LINC-085C-01</td>
<td>ADOBE FLASH OVERVIEW</td>
<td>1</td>
<td>21531</td>
<td>LEC 09:00 AM-01:00 PM</td>
<td>S</td>
<td>DAVIS, JANET</td>
<td>4006</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>LINC-085A-01: Flash I. Meets 11/17 only.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| 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.)  
May be taken five times for credit.

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. Enrollment is limited to six times within the LINC 85 group.

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Title</th>
<th>Units</th>
<th>CRN</th>
<th>Activity</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>LINC-085C-01</td>
<td>ADOBE FLASH OVERVIEW</td>
<td>1</td>
<td>21531</td>
<td>LEC 09:00 AM-01:00 PM</td>
<td>S</td>
<td>DAVIS, JANET</td>
<td>4006</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>LINC-085A-01: Flash I. Meets 11/17 only.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### Fall Quarter 2012 Courses

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course ID</th>
<th>Activity</th>
<th>Title Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>20281</td>
<td>MATH-001A-06</td>
<td>LEC 01:30 PM-03:45 PM MW</td>
<td>ENGLISH, LARRY 4221</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20282</td>
<td>MATH-001A-07</td>
<td>LEC 01:30 PM-03:45 PM TTh</td>
<td>HEDRICK, BENJAMIN 4221</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20719</td>
<td>MATH-001A-08</td>
<td>LEC 06:00 PM-08:15 PM TTh</td>
<td>HEDRICK, BENJAMIN 4221</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>21604</td>
<td>MATH-001A-09</td>
<td>LEC 06:00 PM-08:15 PM MW</td>
<td>PAPAY, LAURI 4221</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>21630</td>
<td>MATH-001A-10</td>
<td>LEC 08:00 AM-09:50 AM MW</td>
<td>NOSRATIEH, BITA 4310</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>21605</td>
<td>MATH-001B-01</td>
<td>LEC 08:00 AM-09:50 AM MW</td>
<td>PARK LEE, YOUNG HEE 5501</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20721</td>
<td>MATH-001B-02</td>
<td>LEC 08:00 AM-09:50 AM TTh</td>
<td>SILVERMAN, LORETTA 4301</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20823</td>
<td>MATH-001B-03</td>
<td>LEC 10:00 AM-11:50 AM MW</td>
<td>SINCLAIR, JENNIFER 4221</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20284</td>
<td>MATH-001B-04</td>
<td>LEC 10:00 AM-11:50 AM TTh</td>
<td>FRANCISCO, MARNIE 4201</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20285</td>
<td>MATH-001B-05</td>
<td>LEC 01:30 PM-03:45 PM MW</td>
<td>CEMBELLIN, ZACHARY 3525</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>21606</td>
<td>MATH-001B-06</td>
<td>LEC 01:30 PM-03:45 PM TTh</td>
<td>PARK LEE, YOUNG HEE 4201</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>21659</td>
<td>MATH-001B-08</td>
<td>LEC 06:00 PM-08:15 PM MW</td>
<td>FLOREIRO SALINAS, WILSON 4220</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>21608</td>
<td>MATH-001C-01</td>
<td>LEC 08:00 AM-09:50 AM TTh</td>
<td>ZWACK, TERESA 5502</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20722</td>
<td>MATH-001C-04</td>
<td>LEC 06:00 PM-08:15 PM TTh</td>
<td>KALISVAART, MAARTEN 4220</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>22035</td>
<td>MATH-001C-05</td>
<td>LEC 06:00 PM-08:15 PM MW</td>
<td>TONG, PO 5501</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20286</td>
<td>MATH-001C-02</td>
<td>LEC 10:00 AM-11:50 AM MW</td>
<td>PARK LEE, YOUNG HEE 5501</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20827</td>
<td>MATH-001C-03</td>
<td>LEC 10:00 AM-11:50 AM TTh</td>
<td>SINCLAIR, JENNIFER 5501</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20723</td>
<td>MATH-001D-02</td>
<td>LEC 06:00 PM-08:15 PM TTh</td>
<td>FLOREIRO SALINAS, WILSON 3401</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20823</td>
<td>MATH-001D-01</td>
<td>LEC 10:00 AM-11:50 AM MW</td>
<td>KNOBEL, MARC 5501</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20823</td>
<td>MATH-001D-04</td>
<td>LEC 10:00 AM-11:50 AM MW</td>
<td>KNOBEL, MARC 5501</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20287</td>
<td>MATH-001D-03</td>
<td>LEC 10:00 AM-11:50 AM TTh</td>
<td>SINCLAIR, JENNIFER 5501</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20287</td>
<td>MATH-001D-05</td>
<td>LEC 10:00 AM-11:50 AM TTh</td>
<td>SINCLAIR, JENNIFER 5501</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20287</td>
<td>MATH-001D-02</td>
<td>LEC 10:00 AM-11:50 AM TTh</td>
<td>SINCLAIR, JENNIFER 5501</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**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.

**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.

**Math 2A Differential Equations**

5 Units
Prerequisite: MATH 1C.
Advisory: Eligibility for ENGL 1A or ESLL 26.
5 hours lecture. (60 total hours per quarter.)
Not Repeatable.

Differential equations and selected topics of mathematical analysis.

Unless otherwise noted in the schedule, Fall Quarter 2012 classes run September 24 to December 14, 2012. 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 August 20. Course listing and footnote information may have significantly changed. For the most accurate, current course listings, always access the class schedule.
MATH 2B LINEAR ALGEBRA  5 Units
Prerequisite: MATH 1C.
Advisory: Eligibility for ENGL 1A or ESL 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, eigenvalues and eigenvectors, inner product spaces and orthogonality, and selected applications of these topics.

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 ESL 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 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.

MATH 22 DISCRETE MATHEMATICS  5 Units
Prerequisite: MATH 48A.
Advisory: Eligibility for ENGL 1A or ESL 26.
5 hours lecture. (60 total hours per quarter.)
Not Repeatable.
Elementary ideas of differential and integral calculus. Differentiation of multivariate functions with their applications. Applications to business and economics.

MATH 21 DISCRETE MATHEMATICS  5 Units
Prerequisite: Satisfactory score on the mathematics placement test or MATH 49 or 48C.
Not Repeatable.
An introduction to modern methods of descriptive statistics, including collection and presentation of data; measures of central tendency and dispersion; probability; sampling 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.

MATH 20 DISCRETE MATHEMATICS  5 Units
Prerequisite: MATH 48A.
Advisory: Eligibility for ENGL 1A or ESL 26.
5 hours lecture. (60 total hours per quarter.)
Not Repeatable.
Elementary ideas of differential and integral calculus. Differentiation of multivariate functions with their applications. Applications to business and economics.

MATH 21 DISCRETE MATHEMATICS  5 Units
Prerequisite: Satisfactory score on the mathematics placement test or MATH 49 or 48C.
Not Repeatable.
An introduction to modern methods of descriptive statistics, including collection and presentation of data; measures of central tendency and dispersion; probability; sampling 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.

MATH 20 DISCRETE MATHEMATICS  5 Units
Prerequisite: MATH 48A.
Advisory: Eligibility for ENGL 1A or ESL 26.
5 hours lecture. (60 total hours per quarter.)
Not Repeatable.
Elementary ideas of differential and integral calculus. Differentiation of multivariate functions with their applications. Applications to business and economics.

MATH 21 DISCRETE MATHEMATICS  5 Units
Prerequisite: Satisfactory score on the mathematics placement test or MATH 49 or 48C.
Not Repeatable.
An introduction to modern methods of descriptive statistics, including collection and presentation of data; measures of central tendency and dispersion; probability; sampling 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.

MATH 20 DISCRETE MATHEMATICS  5 Units
Prerequisite: MATH 48A.
Advisory: Eligibility for ENGL 1A or ESL 26.
5 hours lecture. (60 total hours per quarter.)
Not Repeatable.
Elementary ideas of differential and integral calculus. Differentiation of multivariate functions with their applications. Applications to business and economics.
<table>
<thead>
<tr>
<th>Course Number</th>
<th>CRN</th>
<th>Course ID</th>
<th>Activity</th>
<th>Title</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 44</td>
<td>2043</td>
<td>MATH-044-01</td>
<td>LEC 08:00 AM-09:50 AM MW</td>
<td>MATH FOR THE LIBERAL ARTS</td>
<td>5 Units</td>
<td>MW</td>
<td>ZWACK, TERESA</td>
<td>4220</td>
</tr>
<tr>
<td></td>
<td>2044</td>
<td>MATH-044-02</td>
<td>LEC 09:00 AM-10:50 AM TTh</td>
<td>MATH-044-01 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.</td>
<td>5 Units</td>
<td>TTh</td>
<td>SINCLAIR, JENNIFER</td>
<td>4201</td>
</tr>
<tr>
<td></td>
<td>2045</td>
<td>MATH-044-03</td>
<td>LEC 10:00 AM-11:50 AM TTh</td>
<td>MATH-044-02 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.</td>
<td>5 Units</td>
<td>TTh</td>
<td>NOSRATIEH, BITA</td>
<td>5911</td>
</tr>
<tr>
<td></td>
<td>2046</td>
<td>MATH-044-04</td>
<td>LEC 12:00 PM-01:50 PM TTh</td>
<td>MATH-044-03 TI-83/83-plus or TI-84/84-plus Graphing Calculator required. Additional costs for online materials or content in place of or in addition to a textbook may be required.</td>
<td>5 Units</td>
<td>TTh</td>
<td>SAWKA, JOHN</td>
<td>3525</td>
</tr>
<tr>
<td></td>
<td>2047</td>
<td>MATH-044-05</td>
<td>LEC 08:00 AM-09:50 AM MW</td>
<td>MATH-044-04 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.</td>
<td>5 Units</td>
<td>MW</td>
<td>NI, YUH</td>
<td>4310</td>
</tr>
<tr>
<td></td>
<td>2117</td>
<td>MATH-044-06</td>
<td>LEC 09:00 AM-10:50 AM MW</td>
<td>MATH-044-05 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.</td>
<td>5 Units</td>
<td>MW</td>
<td>LOW, MATTHEW</td>
<td>3404</td>
</tr>
<tr>
<td></td>
<td>2164</td>
<td>MATH-044-07</td>
<td>LEC 10:00 AM-11:50 AM TTh</td>
<td>MATH-044-06 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.</td>
<td>5 Units</td>
<td>TTh</td>
<td>MONARRES, DAVID</td>
<td>4201</td>
</tr>
<tr>
<td></td>
<td>2165</td>
<td>MATH-044-08</td>
<td>LEC 12:00 PM-01:50 PM TTh</td>
<td>MATH-044-07 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.</td>
<td>5 Units</td>
<td>TTh</td>
<td>NI, YUH</td>
<td>4302</td>
</tr>
<tr>
<td>MATH 48A</td>
<td>2048</td>
<td>MATH-048A-01</td>
<td>LEC 08:00 AM-09:50 AM MW</td>
<td>PRECALCULUS I</td>
<td>5 Units</td>
<td>MW</td>
<td>ZWACK, TERESA</td>
<td>4220</td>
</tr>
<tr>
<td></td>
<td>2049</td>
<td>MATH-048A-02</td>
<td>LEC 09:00 AM-10:50 AM TTh</td>
<td>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.</td>
<td>5 Units</td>
<td>TTh</td>
<td>SINCLAIR, JENNIFER</td>
<td>4201</td>
</tr>
<tr>
<td></td>
<td>2050</td>
<td>MATH-048A-03</td>
<td>LEC 10:00 AM-11:50 AM TTh</td>
<td>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.</td>
<td>5 Units</td>
<td>TTh</td>
<td>NOSRATIEH, BITA</td>
<td>5911</td>
</tr>
<tr>
<td></td>
<td>2051</td>
<td>MATH-048A-04</td>
<td>LEC 12:00 PM-01:50 PM TTh</td>
<td>MATH-048A-03 TI-83/83-plus or TI-84/84-plus Graphing Calculator required. Additional costs for online materials or content in place of or in addition to a textbook may be required.</td>
<td>5 Units</td>
<td>TTh</td>
<td>SAWKA, JOHN</td>
<td>3525</td>
</tr>
<tr>
<td></td>
<td>2052</td>
<td>MATH-048A-05</td>
<td>LEC 08:00 AM-09:50 AM MW</td>
<td>MATH-048A-04 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.</td>
<td>5 Units</td>
<td>MW</td>
<td>NI, YUH</td>
<td>4310</td>
</tr>
<tr>
<td></td>
<td>2118</td>
<td>MATH-048A-06</td>
<td>LEC 09:00 AM-10:50 AM MW</td>
<td>MATH-048A-05 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.</td>
<td>5 Units</td>
<td>MW</td>
<td>LOW, MATTHEW</td>
<td>3404</td>
</tr>
<tr>
<td></td>
<td>2166</td>
<td>MATH-048A-07</td>
<td>LEC 10:00 AM-11:50 AM TTh</td>
<td>MATH-048A-06 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.</td>
<td>5 Units</td>
<td>TTh</td>
<td>MONARRES, DAVID</td>
<td>4201</td>
</tr>
<tr>
<td></td>
<td>2167</td>
<td>MATH-048A-08</td>
<td>LEC 12:00 PM-01:50 PM TTh</td>
<td>MATH-048A-07 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.</td>
<td>5 Units</td>
<td>TTh</td>
<td>NI, YUH</td>
<td>4302</td>
</tr>
<tr>
<td>MATH 48B</td>
<td>2049</td>
<td>MATH-048B-01</td>
<td>LEC 08:00 AM-09:50 AM MW</td>
<td>PRECALCULUS II</td>
<td>5 Units</td>
<td>MW</td>
<td>ZWACK, TERESA</td>
<td>4220</td>
</tr>
<tr>
<td></td>
<td>2050</td>
<td>MATH-048B-02</td>
<td>LEC 09:00 AM-10:50 AM TTh</td>
<td>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.</td>
<td>5 Units</td>
<td>TTh</td>
<td>STANLEY, BRIAN</td>
<td>4220</td>
</tr>
<tr>
<td></td>
<td>2051</td>
<td>MATH-048B-03</td>
<td>LEC 10:00 AM-11:50 AM TTh</td>
<td>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.</td>
<td>5 Units</td>
<td>TTh</td>
<td>STANLEY, BRIAN</td>
<td>4220</td>
</tr>
<tr>
<td></td>
<td>2052</td>
<td>MATH-048B-04</td>
<td>LEC 11:00 AM-12:50 AM TTh</td>
<td>MATH-048B-03 TI-83/83-plus or TI-84/84-plus Graphing Calculator required. Additional costs for online materials or content in place of or in addition to a textbook may be required.</td>
<td>5 Units</td>
<td>TTh</td>
<td>ZWACK, TERESA</td>
<td>4220</td>
</tr>
<tr>
<td>MATH 105</td>
<td>2164</td>
<td>MATH-105.-01</td>
<td>LEC 08:00 AM-09:50 AM MW</td>
<td>INTERMEDIATE ALGEBRA</td>
<td>5 Units</td>
<td>MW</td>
<td>STANLEY, BRIAN</td>
<td>4220</td>
</tr>
<tr>
<td></td>
<td>2168</td>
<td>MATH-105.-02</td>
<td>LEC 09:00 AM-10:50 AM TTh</td>
<td>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.</td>
<td>5 Units</td>
<td>TTh</td>
<td>LEE, DEBBIE</td>
<td>4221</td>
</tr>
<tr>
<td></td>
<td>2164</td>
<td>MATH-105.-03</td>
<td>LEC 10:00 AM-11:50 AM TTh</td>
<td>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.</td>
<td>5 Units</td>
<td>TTh</td>
<td>DEBBIE</td>
<td>4221</td>
</tr>
<tr>
<td></td>
<td>2164</td>
<td>MATH-105.-04</td>
<td>LEC 11:00 AM-12:50 AM TTh</td>
<td>MATH-105.-03 TI-83/83-plus or TI-84/84-plus Graphing Calculator required. Additional costs for online materials or content in place of or in addition to a textbook may be required.</td>
<td>5 Units</td>
<td>TTh</td>
<td>DEBBIE</td>
<td>4221</td>
</tr>
<tr>
<td></td>
<td>2164</td>
<td>MATH-105.-05</td>
<td>LEC 08:00 AM-09:50 AM MW</td>
<td>MATH-105.-04 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.</td>
<td>5 Units</td>
<td>MW</td>
<td>UILECAN, DIANA</td>
<td>4201</td>
</tr>
<tr>
<td></td>
<td>2164</td>
<td>MATH-105.-06</td>
<td>LEC 09:00 AM-10:50 AM MW</td>
<td>MATH-105.-05 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.</td>
<td>5 Units</td>
<td>MW</td>
<td>UILECAN, DIANA</td>
<td>4201</td>
</tr>
</tbody>
</table>

Unless otherwise noted in the schedule, Fall Quarter 2012 classes run September 24 to December 14, 2012. 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 August 20. Course listing and footnote information may have significantly changed. For the most accurate, current course listings, always access the class schedule.
## Fall Quarter 2012 Courses

### MATH 108 ACCELERATED ALGEBRA
10 Units  
Prerequisites: Satisfactory score on the mathematics placement test, or successful completion of MATH 230, 230J & 234.  
10 hours lecture. (120 total hours per quarter.)  
Not Repeatable.  
This course will cover content from two algebra courses, beginning and intermediate algebra. The content consists of linear equations, linear inequalities, linear systems, polynomials with focus on quadratics, rationals, radicals, absolute values, exponential and logarithmic functions. Relationships between analytical, graphical, numerical, and verbal approaches will be emphasized.  
21654 MATH-108.-01 LEC 12:00 PM-01:50 PM MTWTH MARTINEZ, RICARDO  5911

### MATH 217 INTEGRATED STATISTICS I
10 Units  
Prerequisites: Satisfactory score on the mathematics placement test; MATH 230, 230J or 234.  
Advisory: Eligibility for ENGL 10A or ESL 26.  
10 hours lecture. (120 total hours per quarter.)  
Not Repeatable.  
This is the first quarter of two in the Statway sequence. This sequence covers concepts and methods of statistics with an emphasis on data analysis. Topics include methods for collecting data, graphical and numerical descriptive statistics, correlation, simple linear regression, basic concepts of probability, confidence intervals and hypothesis tests for means and proportions, chi-square tests, and ANOVA. Application problems will be taken from the fields of business, economics, medicine, engineering, education, psychology, sociology and from culturally diverse situations. This sequence is recommended for students who major in fields that require more mathematics beyond freshman-level statistics.  
20367 MATH-217.-01 LEC 10:00 AM-11:50 AM MWF MIDDLEFIELD, BRIAN  4202

### MATH 220 ELEMENTARY ALGEBRA
5 Units  
Formerly: MATH 101  
Prerequisites: Satisfactory score on the mathematics placement test; MATH 230, 230J or 234.  
Advisory: Not open to students with credit in MATH 101 or 224.  
4 hours lecture, 3 hours laboratory. (84 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.  

### MATH 230 PREPARING FOR ALGEBRA: LINEAR EQUATIONS, PROPORTIONS & GEOMETRY
6 Units  
Prerequisite: MATH 235.  
Advisory: Pass/No Pass; not open to students with credit in MATH 200, 230J, 234, or 238.  
4 hours lecture, 6 hours laboratory. (120 total hours per quarter.)  
Not Repeatable.  
Review of order of operations with rational numbers. Introduction to algebraic concepts including solving first-degree equations and evaluating and simplifying expressions. Development and applications of ratios, proportions, percents, and geometric concepts.  

### MATH 231 CALCULUS I
5 Units  
Prerequisites: Completion of MATH 217.  
Advisory: Not Repeatable.  
This course will cover the fundamentals of differential and integral calculus. Topics included are limits, continuity, derivatives, related rates, optimization, integration, fundamental theorem of calculus, and applications.  
20310 MATH-231.-01 LEC 10:00 AM-11:50 AM MTWTH LE, HUONG  4202

### MATH 232 CALCULUS II
4 Units  
Prerequisites: MATH 231.  
Advisory: Not Repeatable.  
This course will cover the fundamentals of differential and integral calculus. Topics included are limits, continuity, derivatives, related rates, optimization, integration, fundamental theorem of calculus, and applications.  
20312 MATH-232.-01 LEC 10:00 AM-11:50 AM MTWTH LE, HUONG  4202

### MATH 233 CALCULUS III
4 Units  
Prerequisites: MATH 232.  
Advisory: Not Repeatable.  
This course will cover the fundamentals of differential and integral calculus. Topics included are limits, continuity, derivatives, related rates, optimization, integration, fundamental theorem of calculus, and applications.  
20314 MATH-233.-01 LEC 10:00 AM-11:50 AM MTWTH LE, HUONG  4202

### MATH 234 LINEAR ALGEBRA
4 Units  
Prerequisites: MATH 233.  
Advisory: Not Repeatable.  
This course will cover the fundamentals of differential and integral calculus. Topics included are limits, continuity, derivatives, related rates, optimization, integration, fundamental theorem of calculus, and applications.  
20316 MATH-234.-01 LEC 10:00 AM-11:50 AM MTWTH LE, HUONG  4202

### MATH 235 PREPARING FOR MATH 231-234
4 Units  
Advisory: Not Repeatable.  
This course will cover the fundamentals of differential and integral calculus. Topics included are limits, continuity, derivatives, related rates, optimization, integration, fundamental theorem of calculus, and applications.  
20318 MATH-235.-01 LEC 10:00 AM-11:50 AM MTWTH LE, HUONG  4202

### MATH 245 DIFFERENTIAL EQUATIONS
4 Units  
Prerequisites: MATH 232.  
Advisory: Not Repeatable.  
This course will cover the fundamentals of differential and integral calculus. Topics included are limits, continuity, derivatives, related rates, optimization, integration, fundamental theorem of calculus, and applications.  
20320 MATH-245.-01 LEC 10:00 AM-11:50 AM MTWTH LE, HUONG  4202

---

Unless otherwise noted in the schedule, Fall Quarter 2012 classes run September 24 to December 14, 2012. 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 August 20. Course listing and footnote information may have significantly changed. For the most accurate, current course listings, always access the class schedule.
MATH 235  PREPARING FOR ALGEBRA: REAL NUMBERS  6 Units
Prerequisite: Satisfactory score on the placement exam or completion of NCBS 401B.
4 hours lecture, 6 hours laboratory. (120 total hours per quarter.)
Not Repeatable.
Addition, subtraction, multiplication and division of whole numbers, fractions, decimals and signed numbers. Order of operations with real numbers and applications of such operations.

20320  MATH-235.-01  LEC 10:00 AM-10:50 AM  MTWThF  GRAY, NICOLE  4223
LAB 11:00 AM-11:50 AM  MTWThF  GRAY, NICOLE  4223

21872  MATH-235.-02  LEC 10:00 AM-10:50 AM  MTWThF  PERING, KATHRYN  4203
LAB 11:00 AM-11:50 AM  MTWThF  PERING, KATHRYN  4203

21873  MATH-235.-03  LEC 10:00 AM-10:50 AM  MTWThF  WONG, WILBUR  4305
LAB 11:00 AM-11:50 AM  MTWThF  WONG, WILBUR  4305

21874  MATH-235.-04  LEC 10:00 AM-10:50 AM  MTWThF  TOMUTIU, MARIA  4306
LAB 10:50 AM-11:50 AM  MTWThF  TOMUTIU, MARIA  4306

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/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.

23425  MDIA-011.-01Y  LEC 10:00 AM-11:50 AM  MW  HARTWELL, ROBERT  4002
LAB  TBA  TBA  HARTWELL, ROBERT  ONLINE
MDIA-011.-01Y: Hybrid class. 1 weekly TBA hour via online instruction. Cross-listed with FA 1.

23432  MDIA-011.-02W  LEC  TBA  TBA  HARTWELL, ROBERT  ONLINE
LAB  TBA  TBA  HARTWELL, ROBERT  ONLINE
MDIA-011.-02W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin. Cross-listed with FA 1.

23433  MDIA-011.-03W  LEC  TBA  TBA  THORNTON, KAY  ONLINE
LAB  TBA  TBA  THORNTON, KAY  ONLINE
MDIA-011.-03W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin. Cross-listed with FA 1.

23434  MDIA-011.-04W  LEC  TBA  TBA  THORNTON, KAY  ONLINE
LAB  TBA  TBA  THORNTON, KAY  ONLINE
MDIA-011.-04W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin. Cross-listed with FA 1.

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 consists of slides, videos, recordings, and lecture will be used. Live performance used when possible.

20323  MUS-001.-01Y  LEC 10:00 AM-11:50 AM  MW  DAVIES, PAUL  1401
LAB  TBA  TBA  DAVIES, PAUL  ONLINE
MUS-001.-01Y: Hybrid class. 1.0 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.

20324  MUS-001.-02W  LEC  TBA  TBA  DAVIES, PAUL  ONLINE
LAB  TBA  TBA  DAVIES, PAUL  ONLINE
MUS-001.-02W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin. Course meets UC/CSU 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.

22031  MUS-001.-03W  LEC  TBA  TBA  DAVIES, PAUL  ONLINE
LAB  TBA  TBA  DAVIES, PAUL  ONLINE
MUS-001.-03W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin. Course meets UC/CSU 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.

MUS 2A  GREAT COMPOSERS & MUSIC MASTERPIECES  4 Units
OF WESTERN CIVILIZATION  4 Units
4 hours lecture, 1 hour laboratory. (60 total hours per quarter.)
Not Repeatable.
An introduction to the great composers and music masterpieces of Western culture, including composer biographies with emphasis on how composers synthesize or transform the aesthetic ideals of their time. Examines how composers’ music reflects their own lives as well as mirrors contemporary social, political, and religious events. Historical periods include the Ancient World and the Medieval, Renaissance, and Baroque eras. Composers include Josquin, Lassus, Palestrina, Monteverdi, Purcell, Vivaldi, Handel and Bach. This course is required for music majors but is also designed for students who have no background in music but are interested in classical music. It meets Foothill’s GE Area I, Humanities requirement and the IGETC and CSE GE Arts and Humanities requirement.

20255  MUS-002A-01Y  LEC 12:00 PM-01:50 PM  MW  HARTWELL, ROBERT  1401
LAB  TBA  TBA  HARTWELL, ROBERT  ONLINE
MUS-002A-01Y: Hybrid class. 1.0 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.

20326  MUS-002A-02W  LEC  TBA  TBA  BARTLEY, ELIZABETH  ONLINE
LAB  TBA  TBA  BARTLEY, ELIZABETH  ONLINE
MUS-002A-02W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin. Course meets UC/CSU 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.

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
<table>
<thead>
<tr>
<th>Course Number</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUS -002D-01W</td>
<td>MUS 7 Contemporary Musical Styles: Rock, Pop &amp; Jazz</td>
<td>4</td>
</tr>
<tr>
<td>MUS -003A-01</td>
<td>MUS 8A Beginning Music Theory, Literature &amp; Composition</td>
<td>5</td>
</tr>
<tr>
<td>MUS -003A-02W</td>
<td>MUS 7 Contemporary Musical Styles: Rock, Pop &amp; Jazz</td>
<td>4</td>
</tr>
<tr>
<td>MUS -008.-02Y</td>
<td>MUS 8A Beginning Music Theory, Literature &amp; Composition</td>
<td>5</td>
</tr>
<tr>
<td>MUS -008.-03W</td>
<td>MUS 7 Contemporary Musical Styles: Rock, Pop &amp; Jazz</td>
<td>4</td>
</tr>
<tr>
<td>MUS -008.-04W</td>
<td>MUS 8A Beginning Music Theory, Literature &amp; Composition</td>
<td>5</td>
</tr>
<tr>
<td>MUS -008.-05W</td>
<td>MUS 7 Contemporary Musical Styles: Rock, Pop &amp; Jazz</td>
<td>4</td>
</tr>
<tr>
<td>MUS -008.-06W</td>
<td>MUS 8A Beginning Music Theory, Literature &amp; Composition</td>
<td>5</td>
</tr>
<tr>
<td>MUS -008.-07Y</td>
<td>MUS 7 Contemporary Musical Styles: Rock, Pop &amp; Jazz</td>
<td>4</td>
</tr>
</tbody>
</table>

 Unless otherwise noted in the schedule, Fall Quarter 2012 classes run September 24 to December 14, 2012. 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 August 20. Course listing and footnote information may have significantly changed. For the most accurate, current course listings, always access the class schedule.
<table>
<thead>
<tr>
<th>Course Number</th>
<th>Activity</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUS 10</td>
<td>LEC</td>
<td>08:00 AM-09:50 AM</td>
<td>TTh</td>
<td>STEVENSON, JANIS</td>
<td>1402</td>
</tr>
<tr>
<td></td>
<td>LAB</td>
<td>TBA TBA</td>
<td>TBA TBA</td>
<td>BARKLEY, ELIZABETH</td>
<td>ONLINE</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MUS 9A</td>
<td>LEC</td>
<td>12:00 PM-01:50 PM</td>
<td>TTh</td>
<td>BARKLEY, ELIZABETH</td>
<td>1401</td>
</tr>
<tr>
<td></td>
<td>LAB</td>
<td>TBA TBA</td>
<td>TBA TBA</td>
<td>BARKLEY, ELIZABETH</td>
<td>ONLINE</td>
</tr>
<tr>
<td>MUS 9B</td>
<td>LEC</td>
<td>10:00 AM-11:50 AM</td>
<td>S</td>
<td>LIN, CHIA</td>
<td>1402</td>
</tr>
<tr>
<td></td>
<td>LAB</td>
<td>TBA TBA</td>
<td>TBA TBA</td>
<td>KUEHNL, ERIC</td>
<td>ONLINE</td>
</tr>
<tr>
<td>MUS 10</td>
<td>LEC</td>
<td>10:00 AM-11:50 AM</td>
<td>S</td>
<td>LIN, CHIA</td>
<td>1402</td>
</tr>
<tr>
<td></td>
<td>LAB</td>
<td>TBA TBA</td>
<td>TBA TBA</td>
<td>CRATTY, WILLIAM</td>
<td>ONLINE</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MUS 11A</td>
<td>LEC</td>
<td>10:00 AM-11:50 AM</td>
<td>S</td>
<td>LIN, CHIA</td>
<td>1402</td>
</tr>
<tr>
<td></td>
<td>LAB</td>
<td>TBA TBA</td>
<td>TBA TBA</td>
<td>CRATTY, WILLIAM</td>
<td>ONLINE</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MUS 12A</td>
<td>LEC</td>
<td>12:00 PM-12:50 PM</td>
<td>M</td>
<td>RAY, EMILY</td>
<td>1402</td>
</tr>
<tr>
<td></td>
<td>LAB</td>
<td>TBA TBA</td>
<td>TBA TBA</td>
<td>RAY, EMILY</td>
<td>ONLINE</td>
</tr>
<tr>
<td>MUS 12B</td>
<td>LEC</td>
<td>12:00 PM-12:50 PM</td>
<td>S</td>
<td>LIN, CHIA</td>
<td>1402</td>
</tr>
<tr>
<td></td>
<td>LAB</td>
<td>TBA TBA</td>
<td>TBA TBA</td>
<td>RAY, EMILY</td>
<td>ONLINE</td>
</tr>
</tbody>
</table>

**Fall Quarter 2012 Courses**

**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.
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.

**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 artists 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.

**MUS 10**
**MUSIC FUNDAMENTALS** 4 Units
4 hours lecture, 1 hour laboratory. (60 total hours per quarter.)
Not Repeatable.
Music Fundamentals 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.

**MUS 11A**
**JAZZ & SWING** 4 Units
4 hours lecture, 1 hour laboratory. (60 total hours per quarter.)
Not Repeatable.
Jazz & Swing is a beginning theory course where the basic elements of blues, swing, and jazz 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.

**MUS 12A**
**BEGINNING CLASS PIANO** 2 Units
Advisory: Concurrent enrollment in MUS 10.
2 hours lecture, 1 hour laboratory. (36 total hours per quarter.)
May be taken two times for credit.
Group instruction in piano for those with no previous training. Emphasis is on finger technique, note reading, elementary chording, and performance of simple piano literature. For music majors as well as the general student.

**MUS 12B**
**INTERMEDIATE CLASS PIANO** 2 Units
Advisory: MUS 12A or equivalent skills.
2 hours lecture, 1 hour laboratory. (36 total hours per quarter.)
May be taken two times for credit.
Continuation of MUS 12A with increased emphasis on good tone production, independence of hands, development of eye-hand coordination, simple harmonization and transposition, and building repertoire.

Unless otherwise noted in the schedule, Fall Quarter 2012 classes run September 24 to December 14, 2012. 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 August 20. Course listing and footnote information may have significantly changed. For the most accurate, current course listings, always access the class schedule.
FALL QUARTER 2012 COURSES

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

20346 MUS-012C-01Q LEC 11:00 AM-11:50 AM MW RAY, EMILY 1401
LAB 12:00 PM-12:50 PM W RAY, EMILY 1402

20347 MUS-012C-02Q LEC 08:00 PM-09:50 PM W LIN, CHIA 1402
LAB 10:00 PM-10:50 PM W LIN, CHIA 1402

20348 MUS-012C-03Q LEC 10:00 AM-11:50 AM S LIN, CHIA 1402
LAB 12:00 PM-12:50 PM S LIN, CHIA 1402

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

20349 MUS-013A-01 L-L 12:00 PM-01:50 PM F SCHMIDT, KARL 1401
LAB 02:00 PM-02:50 PM F SCHMIDT, KARL 1401

20350 MUS-013A-02 L-L 09:00 AM-09:50 AM T SCHMIDT, KARL 1401
LAB 09:00 AM-09:50 AM T SCHMIDT, KARL 1401

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

20351 MUS-013B-01 L-L 12:00 PM-01:50 PM F SCHMIDT, KARL 1401
LAB 02:00 PM-02:50 PM F SCHMIDT, KARL 1401

20352 MUS-013B-02 L-L 07:00 PM-08:50 PM T SCHMIDT, KARL 1401
LAB 09:00 PM-09:50 PM T SCHMIDT, KARL 1401

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

20353 MUS-013C-01 L-L 12:00 PM-01:50 PM F SCHMIDT, KARL 1401
LAB 02:00 PM-02:50 PM F SCHMIDT, KARL 1401

20354 MUS-013C-02 L-L 07:00 PM-08:50 PM T SCHMIDT, KARL 1401
LAB 09:00 PM-09:50 PM T SCHMIDT, KARL 1401

MUS 14A BEGINNING CLASSICAL GUITAR 2 Units
2 hours lecture, 1 hour laboratory. (36 total hours per quarter.)
Not Repeatable.
A guitar fundamentals course that places emphasis on reading standard notation in the first position. Techniques such as rest stroke, free stroke, and correct left hand position are covered. Fundamental exercises and pieces will be played by the student in class as the instructor provides accompaniment. Includes an overview of the literature and the major performers of the classical guitar. No public performances are required.

20355 MUS-014A-01 LEC 06:30 PM-08:20 PM Th ZUSSMAN, BENNET 1101
LAB 08:25 PM-09:20 PM Th ZUSSMAN, BENNET 1101

MUS 14B INTERMEDIATE CLASSICAL GUITAR 2 Units
Advisory: MUS 14A.
2 hours lecture, 1 hour laboratory. (36 total hours per quarter.)
Not Repeatable.
Continuation of MUS 14A. Covers more advanced techniques for the right and left hands. Includes reading standard notation up to the 5th position. Increased emphasis is placed on solo guitar literature in addition to ensemble literature. No public performances are required.

20356 MUS-014B-01Q LEC 06:30 PM-08:20 PM Th ZUSSMAN, BENNET 1101
LAB 08:25 PM-09:20 PM Th ZUSSMAN, BENNET 1101

MUS 14C ADVANCED CLASSICAL GUITAR 2 Units
Advisory: MUS 14B.
2 hours lecture, 1 hour laboratory. (36 total hours per quarter.)
Not Repeatable.
Continuation of MUS 14B. Covers more advanced techniques for the right and left hands. Includes reading standard notation up to the 9th position. Includes more complex solo ensemble literature. Additional class time is spent with lectures, demonstrations and performances. No public performances are required.

20357 MUS-014C-01Q LEC 06:30 PM-08:20 PM Th ZUSSMAN, BENNET 1101
LAB 08:25 PM-09:20 PM Th ZUSSMAN, BENNET 1101

MUS 15A BEGINNING ACOUSTIC GUITAR TECHNIQUES 2 Units
2 hours lecture, 1 hour laboratory. (36 total hours per quarter.)
Not Repeatable.
A performance based course in beginning guitar (nylon, steel, or electric guitar) with a concentration on folk music. Traditional and popular songs will be used to demonstrate the development of right and left hand techniques. Standard music notation, tablature, and chord symbols will be presented and students can choose instrumental or popular vocal selections to play.

21561 MUS-015A-01 LEC 12:00 PM-01:50 PM T STEVENSON, JANIS 1220
LAB 12:00 PM-12:50 PM T STEVENSON, JANIS 1220

21575 MUS-015A-02 LEC 06:00 PM-07:50 PM W SULT, MICHAEL MC B6
LAB 08:00 PM-08:50 PM W SULT, MICHAEL MC B6

MUS 15B INTERMEDIATE ACOUSTIC GUITAR TECHNIQUES 2 Units
Prerequisite: MUS 15A or equivalent.
2 hours lecture, 1 hour laboratory. (36 total hours per quarter.)
Not Repeatable.
Development of traditional finger-picking style playing and picking techniques. Solo and ensemble performance on an intermediate level. Emphasis on reading traditional notation, chord symbols and tablature.

21562 MUS-015B-01Q LEC 12:00 PM-01:50 PM T STEVENSON, JANIS 1220
LAB 12:00 PM-12:50 PM Th STEVENSON, JANIS 1220

21576 MUS-015B-02Q LEC 06:00 PM-07:50 PM W SULT, MICHAEL MC B6
LAB 08:00 PM-08:50 PM W SULT, MICHAEL MC B6

MUS 15C ADVANCED ACOUSTIC GUITAR TECHNIQUES 2 Units
Prerequisites: MUS 15A and 15B or equivalent.
2 hours lecture, 1 hour laboratory. (36 total hours per quarter.)
Not Repeatable.
Instructor in the playing of popular and folk guitar with an emphasis on finger-picking, barre chords, and altered tunings. Sight reading in tablature, chord symbols, and standard notation. Instrumental Blues and blues scales will be covered.
MUS 35B SPECIAL PROJECTS IN MUSIC TECHNOLOGY 2 Units
Advisory: Student must consult with instructor prior to enrollment to discuss the options available.
6 hours laboratory. (72 total hours per quarter.)
May be taken six times for credit.
A laboratory course involving an approved student project in Music Technology such as a recording project, a mixing and mastering project, or other production project. Music productions involving live sound for musical events may be planned and executed in this class.

20788  MUS -035B-01 LAB 04:00 PM-10:00 PM S TAMBLING, BRUCE 1101
MUS -035B-01: Instructor permission required prior to enrollment. For information, please contact Bruce Tambling via email at tamblingbruce@foothill.edu.

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

20358  MUS -050A-01W LEC TBA TBA GOLDFARB, EDWARD ONLINE
MUS -050A-01W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.

MUS 51 MUSIC PUBLISHING FOR SONGWRITERS 3.5 Units
Formerly: MUS 18, MUS 59
2 hour lecture, 1 hour lecture-laboratory, 3 hours laboratory. (72 total hours per quarter.)
May be taken six times for credit.
This course prepares the student to navigate the music publishing business by eliminating the legalese and explaining the business in everyday language. Class includes writing original songs for review. Active listening and constructive critiquing of original student compositions.

21566  MUS -051-01W LEC TBA TBA BRUNO, JAMES ONLINE
MUS -051-01W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.

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

20359  MUS -058A-01Y LEC 07:00 PM-08:50 PM M BRUNO, JAMES 1101
MUS -058A-01Y: Hybrid class. 3 weekly TBA hours via online instruction.

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

21024  MUS -058B-01Y LEC 07:00 PM-08:50 PM M BRUNO, JAMES 1101
MUS -058B-01Y: Hybrid class. 3 weekly TBA hours via online instruction.

MUS 58C SONGWRITER’S WORKSHOP III 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.

21025  MUS -058C-01Y LEC 07:00 PM-08:50 PM M BRUNO, JAMES 1101
MUS -058C-01Y: Hybrid class. 3 weekly TBA hours via online instruction.

MUS 60A PRODUCING IN THE HOME STUDIO I 4 Units
4 hours lecture, 1 hour laboratory. (60 total hours per quarter.)
May be taken three times for credit.
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.

20361  MUS -060A-01W LEC TBA TBA DONNER, MATTHEW ONLINE
MUS -060A-01W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.

MUS 66A INTRODUCTION TO DIGITAL AUDIO: PRO TOOLS 4 Units
2 hours lecture, 2 hours lecture-laboratory, 3 hours laboratory. (84 total hours per quarter.)
May be taken six times for credit.
<table>
<thead>
<tr>
<th>CRN</th>
<th>Course ID</th>
<th>Activity</th>
<th>Title</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>20784</td>
<td>MUS-066A-01Y</td>
<td>LEC</td>
<td>Intro to Music Technology</td>
<td>01:00 PM-02:50 PM</td>
<td>M</td>
<td>TAMBLING, BRUCE</td>
<td>1211</td>
</tr>
<tr>
<td></td>
<td></td>
<td>LAB</td>
<td></td>
<td>02:50 PM-04:40 PM</td>
<td>M</td>
<td>TAMBLING, BRUCE</td>
<td>ONLINE</td>
</tr>
<tr>
<td>20785</td>
<td>MUS-066B-02W</td>
<td>LEC</td>
<td>Advanced Music Technology</td>
<td>07:00 PM-07:50 PM</td>
<td>T</td>
<td>TAMBLING, BRUCE</td>
<td>ONLINE</td>
</tr>
<tr>
<td></td>
<td></td>
<td>LAB</td>
<td></td>
<td>07:00 PM-07:50 PM</td>
<td>T</td>
<td>TAMBLING, BRUCE</td>
<td>ONLINE</td>
</tr>
<tr>
<td></td>
<td>MUS-066A-02Y</td>
<td>LEC</td>
<td>Intro to Music Theory</td>
<td>TBA TBA TBA</td>
<td></td>
<td>TBA TBA TBA</td>
<td>ONLINE</td>
</tr>
</tbody>
</table>

**Fall Quarter 2012 Courses**

- **MUS 81C** - Mixing & Mastering with Pro Tools 4 Units
  - 2 hours lecture, 2 hours lecture-laboratory, 3 hours laboratory. (84 total hours per quarter.)
  - May be taken six times for credit.
  - Creating and editing multitrack recordings using Pro Tools. EQ, compression, reverb, delays, tempo maps, harmonic distortion, multi-band compression. Comparison and contrast of various styles of mixing including jazz, classical, country, rock, hip hop and electronica. Example exercises featuring professional recordings and mixes. Understanding and applying mixing concepts such as balance, dimension, and monitoring. Deliver final mixes that translate accurately to various speaker systems and listening environments.

- **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.
  - 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.

- **MUS 82B** - Pro Tools 110: Pro Tools Production I 4 Units
  - 2 hours lecture, 2 hours lecture-laboratory, 3 hours laboratory. (84 total hours per quarter.)
  - Not Repeatable.
### FALL QUARTER 2012 COURSES

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Title</th>
<th>Units</th>
<th>Time</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>CRN</td>
<td>Course ID</td>
<td>Activity</td>
<td>Time</td>
<td>Days</td>
<td></td>
</tr>
<tr>
<td><strong>MUS 82E</strong></td>
<td>PRO TOOLS 210P: POST PRODUCTION TECHNIQUES</td>
<td>4 Units</td>
<td>06:00 PM-10:50 PM</td>
<td>M</td>
<td>STAFF, M</td>
</tr>
<tr>
<td><strong>MUS 82F</strong></td>
<td>PRO TOOLS &amp; GAME AUDIO</td>
<td>4 Units</td>
<td>09:00 AM-10:00 AM</td>
<td>MTWThF</td>
<td>TOMUTIU, MARIA</td>
</tr>
<tr>
<td><strong>NANO 51</strong></td>
<td>APPLICATIONS OF NANOTECHNOLOGY</td>
<td>5 Units</td>
<td>06:00 PM-10:50 PM</td>
<td>M</td>
<td>STAFF, M</td>
</tr>
</tbody>
</table>

---

### NON-CREDIT: BASIC SKILLS

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Title</th>
<th>Units</th>
<th>Time</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>NCBS 401A</strong></td>
<td>MATHEMATICAL FOUNDATIONS FOR COLLEGE PART I</td>
<td>0 Units</td>
<td>09:00 AM-09:50 AM</td>
<td>MTWThF</td>
<td>STAFF, M</td>
</tr>
<tr>
<td><strong>NCBS 401B</strong></td>
<td>MATHEMATICAL FOUNDATIONS FOR COLLEGE PART II</td>
<td>0 Units</td>
<td>09:00 AM-09:50 AM</td>
<td>MTWThF</td>
<td>STAFF, M</td>
</tr>
</tbody>
</table>

---

### NANO 53 - NANOMATERIALS CHARACTERIZATION

- **Advisory:** NANO 52 or equivalent; students should have a basic knowledge of materials science, physics, and inorganic/organic chemistry; experience with some type of analytical instrumentation is beneficial.
- **Units:** 5
- **Lecture:** 06:00 PM-10:50 PM (60 total hours per quarter)
- **Not Repeatable.**

Techniques for micro and nano characterization of materials, including imaging, structural and surface analysis techniques, and physical properties measurements. Surveys the physics of modern instrumentation involved in characterizing materials, and the typical approaches to analyzing a wide variety of materials and nanostructures. Materials analysis approaches to quality assurance and quality control, failure analysis, and problem solving. Hands-on exercises and experiential learning will include use of the Scanning Electron Microscope (SEM), Atomic Force Microscope (AFM), Auger Electron Spectroscopy (AES), X-Ray Photoelectron Spectroscopy (XPS), and Raman spectroscopy.

---

### NANO 51 - APPLICATIONS OF NANOTECHNOLOGY

- **Advisory:** Not open to students with credit in ENGR 76; High school chemistry, physics or biology; CHEM 30A or equivalent; PHYS 10 or equivalent; BIOL 10 or equivalent.
- **Units:** 5
- **Lecture:** 06:00 PM-10:50 PM (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.

---

### NANO 53 - NANOMATERIALS CHARACTERIZATION

- **Advisory:** NANO 52 or equivalent; students should have a basic knowledge of materials science, physics, and inorganic/organic chemistry; experience with some type of analytical instrumentation is beneficial.
- **Units:** 5
- **Lecture:** 06:00 PM-10:50 PM (60 total hours per quarter)
- **Not Repeatable.**

Techniques for micro and nano characterization of materials, including imaging, structural and surface analysis techniques, and physical properties measurements. Surveys the physics of modern instrumentation involved in characterizing materials, and the typical approaches to analyzing a wide variety of materials and nanostructures. Materials analysis approaches to quality assurance and quality control, failure analysis, and problem solving. Hands-on exercises and experiential learning will include use of the Scanning Electron Microscope (SEM), Atomic Force Microscope (AFM), Auger Electron Spectroscopy (AES), X-Ray Photoelectron Spectroscopy (XPS), and Raman spectroscopy.

---

### NANO 51 - APPLICATIONS OF NANOTECHNOLOGY

- **Advisory:** Not open to students with credit in ENGR 76; High school chemistry, physics or biology; CHEM 30A or equivalent; PHYS 10 or equivalent; BIOL 10 or equivalent.
- **Units:** 5
- **Lecture:** 06:00 PM-10:50 PM (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.

---

Unless otherwise noted in the schedule, Fall Quarter 2012 classes run September 24 to December 14, 2012. 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 August 20. Course listing and footnote information may have significantly changed. For the most accurate, current course listings, always access the class schedule.
Course Number | CRN | Course ID | Activity | Title | Units | Location
---|---|---|---|---|---|---
NCP 400 STRONG START FOR CHILDREN | 21754 | NCP-400.-01 | LEC | 06:00 PM-07:50 PM | T | GITLIN, SILVIA CASTRO
NCP 400 STRONG START FOR CHILDREN | 21754 | NCP-400.-01 | LEC | 06:00 PM-07:50 PM | T | GITLIN, SILVIA CASTRO
NCP 400 STRONG START FOR CHILDREN | 21755 | NCP-400.-02 | LEC | 06:00 PM-07:50 PM | T | GITLIN, SILVIA CASTRO
NCP 400 STRONG START FOR CHILDREN | 21756 | NCP-400.-03 | LEC | 06:00 PM-07:50 PM | T | DUCOS, NANCY CASTRO
NCP 400 STRONG START FOR CHILDREN | 21757 | NCP-400.-04 | LEC | 06:00 PM-07:50 PM | T | DUCOS, NANCY CASTRO
NCP 400 STRONG START FOR CHILDREN | 21765 | NCP-400.-08 | LEC | 06:00 PM-07:50 PM | W | VILLARREAL, CARLOS THERKF
NCP 400 STRONG START FOR CHILDREN | 21766 | NCP-400.-07 | LEC | 06:00 PM-07:50 PM | W | VILLARREAL, CARLOS THERKF
NCP 400 STRONG START FOR CHILDREN | 21767 | NCP-400.-06 | LEC | 06:00 PM-07:50 PM | W | VILLARREAL, CARLOS THERKF
NCP 400 STRONG START FOR CHILDREN | 21775 | NCP-400.-09 | LEC | 06:00 PM-07:50 PM | T | VILLARREAL, CARLOS BRENTWOOD
NCP 400 STRONG START FOR CHILDREN | 21776 | NCP-400.-10 | LEC | 06:00 PM-07:50 PM | T | VILLARREAL, CARLOS BRENTWOOD
NCP 400 STRONG START FOR CHILDREN | 21784 | NCP-400.-11 | LEC | 10:00 AM-11:50 AM | M | DUCOS, NANCY HS6RTSJ
NCP 400 STRONG START FOR CHILDREN | 21785 | NCP-400.-12 | LEC | 10:00 AM-11:50 AM | M | DUCOS, NANCY HS6RTSJ
NCP 400 STRONG START FOR CHILDREN | 21958 | NCP-400.-13 | LEC | 06:00 PM-07:50 PM | T | GITLIN, SILVIA VARGAS
### Fall Quarter 2012 Courses

**Course Number** | **Title** | **Units**
--- | --- | ---
PA 111W | Performance Practices in Theatre | 3

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

**Note:** Evening classes are shaded.

**Course Number** | **Title** | **Units**
--- | --- | ---
PA 121W | Performance Practices in Vocal Music | 1

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

### Required Classes

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course ID</th>
<th>Activity</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>21333</td>
<td>PA-111W-01</td>
<td>LAB</td>
<td>TBA</td>
<td>TBA</td>
<td>THORNTON, KAY</td>
<td>CLTC</td>
</tr>
<tr>
<td>21353</td>
<td>PA-111W-02</td>
<td>LAB</td>
<td>TBA</td>
<td>TBA</td>
<td>THORNTON, KAY</td>
<td>PTT</td>
</tr>
<tr>
<td>21364</td>
<td>PA-111W-04</td>
<td>LAB</td>
<td>TBA</td>
<td>TBA</td>
<td>THORNTON, KAY</td>
<td>WBO</td>
</tr>
<tr>
<td>21335</td>
<td>PA-111Z-01</td>
<td>LAB</td>
<td>TBA</td>
<td>TBA</td>
<td>THORNTON, KAY</td>
<td>CLTC</td>
</tr>
<tr>
<td>21356</td>
<td>PA-111Z-03</td>
<td>LAB</td>
<td>TBA</td>
<td>TBA</td>
<td>THORNTON, KAY</td>
<td>PTT</td>
</tr>
<tr>
<td>21357</td>
<td>PA-111Z-04</td>
<td>LAB</td>
<td>TBA</td>
<td>TBA</td>
<td>THORNTON, KAY</td>
<td>WBO</td>
</tr>
</tbody>
</table>

---

**Required Classes**

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course ID</th>
<th>Activity</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>21334</td>
<td>PA-111Y-01</td>
<td>LAB</td>
<td>TBA</td>
<td>TBA</td>
<td>THORNTON, KAY</td>
<td>CLTC</td>
</tr>
<tr>
<td>21355</td>
<td>PA-111Y-02</td>
<td>LAB</td>
<td>TBA</td>
<td>TBA</td>
<td>THORNTON, KAY</td>
<td>PTT</td>
</tr>
<tr>
<td>21359</td>
<td>PA-111Y-03</td>
<td>LAB</td>
<td>TBA</td>
<td>TBA</td>
<td>THORNTON, KAY</td>
<td>SJCMT</td>
</tr>
<tr>
<td>21365</td>
<td>PA-111Y-04</td>
<td>LAB</td>
<td>TBA</td>
<td>TBA</td>
<td>THORNTON, KAY</td>
<td>WBO</td>
</tr>
</tbody>
</table>

---

### Course Listings and Footnote Information

- Course listings and footnote information may have significantly changed. For the most accurate, current course listings, always access the class schedule.
- 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 August 20. Course listing and footnote information may have significantly changed. For the most accurate, current course listings, always access the class schedule.
P A 121X  PERFORMANCE PRACTICES IN VOCAL MUSIC  4 Units
Prerequisite: Enrollment subject to audition.
Advisory: Pass/No Pass; enrollment is limited to six times within the P A group.
12 hours laboratory. (144 total hours per quarter.)
May be taken six times for credit.
Study, rehearsal, and performance of vocal/choral repertoire. Designed as an advanced performance course for ensemble singers wishing to explore the vast choral repertoire with other performance artists and under the tutelage of a theatre professional. Repertoire may include work from any time period and non-western music. Performances may be on or off campus. At least twelve hours of rehearsal and/or performance per week. Attendance at all performances required.

P A 131  PERFORMANCE PRACTICES IN INSTRUMENTAL MUSIC  1 Unit
Prerequisite: Enrollment subject to audition.
Advisory: Pass/No Pass; enrollment is limited to six times within the P A group.
3 hours laboratory. (36 total hours per quarter.)
May be taken six times for credit.
Study, rehearsal, and performance of instrumental performance pieces for varied ensembles. Designed as a performance course for players of string, wind, and percussion instruments wishing to explore the vast instrumental repertoire more fully with other performance artists and under the tutelage of a music professional. Repertoire includes music from any time period, and non-western music. Concert performances may be on or off campus. At least three hours of rehearsal and/or performance per week. Attendance at all performances required.

P A 131V  PERFORMANCE PRACTICES IN INSTRUMENTAL MUSIC  2 Units
Prerequisite: Enrollment subject to audition.
Advisory: Pass/No Pass; enrollment is limited to six times within the P A group.
6 hours laboratory. (72 total hours per quarter.)
May be taken six times for credit.
Study, rehearsal, and performance of instrumental performance pieces for varied ensembles. Designed as a performance course for players of string, wind, and percussion instruments wishing to explore the vast instrumental repertoire more fully with other performance artists and under the tutelage of a music professional. Repertoire includes music from any time period, and non-western music. Concert performances may be on or off campus. At least six hours of rehearsal and/or performance per week. Attendance at all performances required.

Course Number  CRN  Activity  Time  Days  Instructor  Location
<table>
<thead>
<tr>
<th>CRN</th>
<th>Course ID</th>
<th>Title</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>21324</td>
<td>P A-121W-01</td>
<td>LAB</td>
<td>TBA</td>
<td>TBA</td>
<td>THORNTON, KAY  BCG</td>
</tr>
<tr>
<td>21330</td>
<td>P A-121W-02</td>
<td>LAB</td>
<td>TBA</td>
<td>TBA</td>
<td>THORNTON, KAY  CCC</td>
</tr>
<tr>
<td>21338</td>
<td>P A-121W-03</td>
<td>LAB</td>
<td>TBA</td>
<td>TBA</td>
<td>THORNTON, KAY  SC</td>
</tr>
<tr>
<td>21343</td>
<td>P A-121W-04</td>
<td>LAB</td>
<td>TBA</td>
<td>TBA</td>
<td>THORNTON, KAY  SYC</td>
</tr>
</tbody>
</table>

P A 131X  PERFORMANCE PRACTICES IN INSTRUMENTAL MUSIC  4 Units
Prerequisite: Enrollment subject to audition.
Advisory: Pass/No Pass; enrollment is limited to six times within the P A group.
12 hours laboratory. (144 total hours per quarter.)
May be taken six times for credit.
Study, rehearsal, and performance of instrumental performance pieces for varied ensembles. Designed as a performance course for players of string, wind, and percussion instruments wishing to explore the vast instrumental repertoire more fully with other performance artists and under the tutelage of a music professional. Repertoire includes music from any time period, and non-western music. Concert performances may be on or off campus. At least nine hours of rehearsal and/or performance per week. Attendance at all performances required.

P A 131Y  PERFORMANCE PRACTICES IN INSTRUMENTAL MUSIC  6 Units
Prerequisite: Enrollment subject to audition.
Advisory: Pass/No Pass; enrollment is limited to six times within the P A group.
18 hours laboratory. (216 total hours per quarter.)
May be taken six times for credit.
Study, rehearsal, and performance of instrumental performance pieces for varied ensembles. Designed as a performance course for players of string, wind, and percussion instruments wishing to explore the vast instrumental repertoire more fully with other performance artists and under the tutelage of a music professional. Repertoire includes music from any time period, and non-western music. Concert performances may be on or off campus. At least eighteen hours of rehearsal and/or performance per week. Attendance at all performances required.

Course Number  CRN  Activity  Time  Days  Instructor  Location
<table>
<thead>
<tr>
<th>CRN</th>
<th>Course ID</th>
<th>Title</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>21327</td>
<td>P A-131W-01</td>
<td>LAB</td>
<td>TBA</td>
<td>TBA</td>
<td>THORNTON, KAY  BMF</td>
</tr>
<tr>
<td>21338</td>
<td>P A-131W-03</td>
<td>LAB</td>
<td>TBA</td>
<td>TBA</td>
<td>THORNTON, KAY  CYS</td>
</tr>
<tr>
<td>21340</td>
<td>P A-131W-04</td>
<td>LAB</td>
<td>TBA</td>
<td>TBA</td>
<td>THORNTON, KAY  ECSY</td>
</tr>
<tr>
<td>21342</td>
<td>P A-131W-05</td>
<td>LAB</td>
<td>TBA</td>
<td>TBA</td>
<td>THORNTON, KAY  MFM</td>
</tr>
<tr>
<td>21349</td>
<td>P A-131W-06</td>
<td>LAB</td>
<td>TBA</td>
<td>TBA</td>
<td>THORNTON, KAY  NYS</td>
</tr>
<tr>
<td>21352</td>
<td>P A-131W-07</td>
<td>LAB</td>
<td>TBA</td>
<td>TBA</td>
<td>THORNTON, KAY  PACO</td>
</tr>
</tbody>
</table>

Course Number  CRN  Activity  Time  Days  Instructor  Location
<table>
<thead>
<tr>
<th>CRN</th>
<th>Course ID</th>
<th>Title</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>21369</td>
<td>P A-131X-03</td>
<td>LAB</td>
<td>TBA</td>
<td>TBA</td>
<td>THORNTON, KAY  CYS</td>
</tr>
<tr>
<td>21370</td>
<td>P A-131X-04</td>
<td>LAB</td>
<td>TBA</td>
<td>TBA</td>
<td>THORNTON, KAY  ECTS</td>
</tr>
<tr>
<td>21371</td>
<td>P A-131X-05</td>
<td>LAB</td>
<td>TBA</td>
<td>TBA</td>
<td>THORNTON, KAY  MFM</td>
</tr>
<tr>
<td>21372</td>
<td>P A-131X-06</td>
<td>LAB</td>
<td>TBA</td>
<td>TBA</td>
<td>THORNTON, KAY  NYS</td>
</tr>
<tr>
<td>21373</td>
<td>P A-131X-07</td>
<td>LAB</td>
<td>TBA</td>
<td>TBA</td>
<td>THORNTON, KAY  PACO</td>
</tr>
</tbody>
</table>

Course Number  CRN  Activity  Time  Days  Instructor  Location
<table>
<thead>
<tr>
<th>CRN</th>
<th>Course ID</th>
<th>Title</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>21341</td>
<td>P A-131Y-04</td>
<td>LAB</td>
<td>TBA</td>
<td>TBA</td>
<td>THORNTON, KAY  ECTS</td>
</tr>
<tr>
<td>21345</td>
<td>P A-131Y-05</td>
<td>LAB</td>
<td>TBA</td>
<td>TBA</td>
<td>THORNTON, KAY  MFM</td>
</tr>
</tbody>
</table>

P A 131Z  PERFORMANCE PRACTICES IN INSTRUMENTAL MUSIC  8 Units
Prerequisite: Enrollment subject to audition.
Advisory: Pass/No Pass; enrollment is limited to six times within the P A group.
24 hours laboratory. (288 total hours per quarter.)
May be taken six times for credit.


**Fall Quarter 2012 Courses**

### Primary Care Associate

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

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.

**PCA 52B ANATOMY/PHYSIOLOGY/PATHOPHYSIOLOGY II 5 Units**

- **Prerequisites:** PCA 52A. 
- 4 hours lecture, 3 hours laboratory. (84 total hours per quarter.)
- **Not Repeatable.** 
- Continuation of PCA 52A. Consists of lectures to continue advancing student knowledge of organ function within selected major human body systems (cardiovascular, gastrointestinal, renal-urologic, reproductive, and endocrine), appreciating alterations of physiology produced by disease states commonly seen in primary care medicine. Includes systems-based anatomy lectures in preparation for gross anatomy lab. Lab provides observational and hands-on learning from prepared cadaver materials and preserved pathology specimens. An integrative component includes lectures on psychiatry/behavior (normal and abnormal) and common primary care disorders that affect multiple systems. This course is intended for students enrolled in the Primary Care Associate Program.

- **CRN 21346** PCA-1312-05 LAB 09:00 AM-11:50 AM TBA TBA HIRAHOKA, LUCINDA SMC

**PCA 53B PHARMACOLOGY II 3 Units**

- **Prerequisite:** PCA 53A. 
- 3 hours lecture. (36 total hours per quarter.)
- **Not Repeatable.** 
- Course structured to expand the knowledge of drug function in management of disease. Builds on introductory concepts from PCA 53A and provides specific in-depth discussion of pharmocological management of infectious disease and disorders of the following systems: cardiovascular, gastrointestinal, renal-urologic, reproductive, endocrine, psychiatric/behavioral. Required for Physician Assistant students.

- **CRN 21347** PCA-053B-01 LEC 02:00 PM-04:50 PM Th HIRAHOKA, LUCINDA SMC

**PCA 54B PRE-CLINICAL II 3 Units**

- **Formerly:** PCA 80P. 
- **Prerequisite:** PCA 54A. 
- 1 hour lecture, 2 hours laboratory. (54 total hours per quarter.)
- **Not Repeatable.** 
- Second of four courses in the preclinical sequence of the Primary Care Associate Program. Focus on behavioral medicine, clinical skills, and clinical problem solving. It includes the health history and physical exam skills of the cardiovascular, gastrointestinal, renal, genitourinary, reproductive, endocrine, psychiatric/behavioral systems. Includes instruction in skills to evaluate disorders of multiple systems.

- **CRN 21348** PCA-054B-01 LEC 02:00 PM-02:50 PM W HIRAHOKA, LUCINDA SMC

---

**Notes:**

- Unless otherwise noted in the schedule, Fall Quarter 2012 classes run September 24 to December 14, 2012. 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 August 20. Course listing and footnote information may have significantly changed. For the most accurate, current course listings, always access the class schedule.
## Physical Education

Kinesiology & Athletics  
(650) 949-7742  
www.foothill.edu/ath/

### PHED 1  Introduction to Physical Education as a Profession

- **Course Number:** PHED 001
- **Units:** 4

Advisory: Not open to students with credit in H P 1. 4 hours lecture. (48 total hours per quarter.)

### PHED 2  Sport in Society

- **Course Number:** PHED 002
- **Units:** 4

Advisory: Not open to students with credit in H P 18. 4 hours lecture. (48 total hours per quarter.)

### PHED 3  Theories & Techniques of Coaching Sports

- **Course Number:** PHED 003
- **Units:** 4

Advisory: Not open to students with credit in H P 37. 4 hours lecture. (48 total hours per quarter.)

---

### PHED 4  Concepts of Physical Fitness & Wellness

- **Course Number:** PHED 004
- **Units:** 4

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

### PHED 8  Theory & Concepts of Exercise Physiology

- **Course Number:** PHED 008
- **Units:** 4

Not Repeatable.

### PHED 9  Basic Nutrition for Sports & Fitness

- **Course Number:** PHED 009
- **Units:** 4

Not Repeatable.

### PHED 10A  Aquatics: Level I, Beginning Swimming

- **Course Number:** PHED 010A
- **Units:** 1

Advisory: Enrollment is limited to six times within the PHED 10 group. 3 hours laboratory. (36 total hours per quarter.)

### PHED 10B  Aquatics: Level II, Intermediate Swimming

- **Course Number:** PHED 010B
- **Units:** 1

Advisory: Enrollment is limited to six times within the PHED 10 group. 3 hours laboratory. (36 total hours per quarter.)

### PHED 11A  Water Exercise

- **Course Number:** PHED 011A
- **Units:** 1

Advisory: Enrollment is limited to six times within the PHED 11 group. 3 hours laboratory. (36 total hours per quarter.)
PHED 11B AQUATIC FITNESS 1 Unit
Advisory: Enrollment is limited to six times within the PHED 11 group.
3 hours laboratory. (36 total hours per quarter.)
May be taken six times for credit.
An aerobic water fitness program applying the basic principles of exercise and dynamics of water movement.

PHED 14 NUTRITIONAL ASSESSMENT & FITNESS 1 Unit
Formerly: PHED 50C
3 hours laboratory. (36 total hours per quarter.)
May be taken six times for credit.
A study of nutritional concepts, body fat assessment and work-out programs for lifetime fitness.

PHED 16A PREVENTION OF ATHLETIC INJURIES 3 Units
Formerly: PHED 67A
Advisory: Students must have reliable and ongoing Internet access to complete quizzes, discussions and assignments; not open to students with credit in H P 67A or PHED 67A.
2 hours lecture, 1 hour laboratory, 1 hour online. (48 total hours per quarter.)
Not Repeatable.
Athletic injury prevention is emphasized through pre-participation physical exams, exercise programs, preventative taping, proper fitting of equipment, and protective braces.

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

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

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

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

PHED 20C POWER PILATES & FLEXIBILITY EXERCISES 1 Unit
Advisory: Enrollment is limited to six times within the PHED 20 group.
3 hours laboratory. (36 total hours per quarter.)
May be taken six times for credit.
A vigorous and dynamic full body conditioning class using mat and standing exercises to strengthen, tone and lengthen core muscles and flexibility exercises to improve mobility and stability. Students must provide their own fitness mat.

PHED 21A FULL-BODY FLEXIBILITY 1 Unit
3 hours laboratory. (36 total hours per quarter.)
May be taken six times for credit.
Increased flexibility enhances physical performance, helps maintain muscle fitness and assists in injury rehabilitation. This course is designed for individuals with a variety of fitness experience levels. Students must provide their own fitness mat.

PHED 21B VINYASA FLOW YOGA 1 Unit
Advisory: Not open to students with credit in H P 44V; enrollment is limited to six times within the PHED 21 group.
3 hours laboratory. (36 total hours per quarter.)
May be taken six times for credit.
Vinyasa yoga is a form of traditional hatha yoga that focuses on integrating breath and movement, awareness and alignment, strength, and flexibility. Vinyasa uses six discrete series of sequences of advancing difficulty with repeated closing sections between each sequence. 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.

PHED 21D POWER YOGA 1 Unit
Advisory: Not open to students with credit in H P 44P; enrollment is limited to six times within the PHED 21 group.
3 hours laboratory. (36 total hours per quarter.)
May be taken six times for credit.
Power 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.

PHED 22A STRETCHING & PILATES FOR FLEXIBILITY 1 Unit
3 hours laboratory. (36 total hours per quarter.)
May be taken six times for credit.

## FALL QUARTER 2012 COURSES

<table>
<thead>
<tr>
<th>Course Number</th>
<th>CRN</th>
<th>Course ID</th>
<th>Activity</th>
<th>Title</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHED 22B</td>
<td>20677</td>
<td>PHED-022B-03</td>
<td>LAB</td>
<td>PILATES &amp; YOGA</td>
<td>12:00 PM-01:15 PM</td>
<td>TTh</td>
<td>WHEELER, CAMILLE</td>
<td>2507</td>
</tr>
<tr>
<td>PHED 23A</td>
<td>20394</td>
<td>PHED-023A-01</td>
<td>LAB</td>
<td>TRAIL HIKING</td>
<td>12:00 PM-01:15 PM</td>
<td>MW</td>
<td>SHERWEET, BARBARA</td>
<td>2504</td>
</tr>
<tr>
<td>PHED 23B</td>
<td>20677</td>
<td>PHED-023B-03</td>
<td>LAB</td>
<td>DAY HIKING</td>
<td>12:00 PM-01:15 PM</td>
<td>TTh</td>
<td>WHEELER, CAMILLE</td>
<td>2507</td>
</tr>
<tr>
<td>PHED 24</td>
<td>20398</td>
<td>PHED-024A-01</td>
<td>LAB</td>
<td>INTRODUCTION TO GOLF</td>
<td>09:00 AM-10:15 AM</td>
<td>MW</td>
<td>EDWARDS, KELLY</td>
<td>2507</td>
</tr>
<tr>
<td>PHED 24A</td>
<td>21032</td>
<td>PHED-024A-02</td>
<td>LAB</td>
<td>SKILL DEVELOPMENT FOR THE EXPERIENCED GOLFER</td>
<td>09:00 AM-10:15 AM</td>
<td>MW</td>
<td>EDWARDS, KELLY</td>
<td>2507</td>
</tr>
<tr>
<td>PHED 24B</td>
<td>20937</td>
<td>PHED-024B-03</td>
<td>LAB</td>
<td>SKILLS OF GOLF COURSE PLAY</td>
<td>12:00 PM-01:15 PM</td>
<td>TTh</td>
<td>EDWARDS, KELLY</td>
<td>2507</td>
</tr>
</tbody>
</table>

### PHED 21: INTRODUCTION TO GOLF

A stretching program emphasizing seated flexibility exercises for the hips, hamstrings and spine. Complimentary abdominal exercises and standing postures will be introduced to develop balance, tone and endurance. Students must provide their own fitness mat.

### PHED 22B: PILATES & YOGA

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.

### PHED 23A: TRAIL HIKING

Advisory: Enrollment is limited to six times within the PHED 23 group.

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

May be taken six times for credit.

A hiking class designed to prepare healthy, fit individuals for a final 8-12 mile hike on established trails over moderate to steep terrain.

### PHED 23B: DAY HIKING

Advisory: Enrollment is limited to six times within the PHED 23 group.

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

May be taken six times for credit.

A hiking class designed to prepare healthy, fit individuals for a final 8-12 mile hike on established trails over moderate to steep terrain.

### PHED 24: INTRODUCTION TO GOLF

Advisory: Enrollment is limited to six times within the PHED 24 group.

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

May be taken six times for credit.

This course teaches the fundamentals of the golf swing, knowledge of equipment, terminology and course etiquette.

### PHED 24A: SKILL DEVELOPMENT FOR THE EXPERIENCED GOLFER

Advisory: Enrollment is limited to six times within the PHED 24 group.

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

May be taken six times for credit.

Development of golf skills for the intermediate player including grip, posture and swing fundamentals, selection of equipment, rule interpretations, etiquette and course management.

### PHED 24B: SKILLS OF GOLF COURSE PLAY

Advisory: Enrollment is limited to six times within the PHED 24 group.

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

May be taken six times for credit.

Students will play an 18 hole golf course and utilize the knowledge and skills developed in beginning and intermediate golf classes.

### PHED 25A: SWING ANALYSIS

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

May be taken six times for credit.

Using the Swing Solutions video technology, the student will identify and correct individual golf swing flaws and design drills to develop skills to improve golf strokes.

### PHED 26: BEGINNING TENNIS SKILLS

Advisory: Enrollment is limited to six times within the PHED 26 group.

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

Introduction to tennis playing including basic strokes, drills and etiquette.

### PHED 26A: INTERMEDIATE/ADVANCED TENNIS

Advisory: Enrollment is limited to six times within the PHED 26 group.

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

Intermediate/advanced tennis for competitive play includes covering drills, advanced strategies, techniques and rules.

### PHED 27: WALK FOR HEALTH

Formerly: H P 16

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

May be taken six times for credit.

Introduction to fitness walking. Includes basic principles of exercise and how they relate to fitness walking.

### PHED 27A: RUN FOR FITNESS

Advisory: Not open to students with credit in H P 61.

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

May be taken six times for credit.

---

Unless otherwise noted in the schedule, Fall Quarter 2012 classes run September 24 to December 14, 2012. 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 August 20. Course listing and footnote information may have significantly changed. For the most accurate, current course listings, always access the class schedule.
# Foothill College • Fall Quarter 2012 Courses

<table>
<thead>
<tr>
<th>Course Number</th>
<th>CRN</th>
<th>Course ID</th>
<th>Activity</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHED 027A</td>
<td>20419</td>
<td>PHED-027A-01</td>
<td>LAB</td>
<td>12:00 PM-01:15 PM</td>
<td>MW</td>
<td>MAC NEIL, DONALD</td>
<td>TRACK</td>
</tr>
<tr>
<td>PHED 027B</td>
<td>20938</td>
<td>PHED-027B-02</td>
<td>LAB</td>
<td>12:00 PM-01:15 PM</td>
<td>TT</td>
<td>ROSENBERG, SHANAN</td>
<td>TRACK</td>
</tr>
</tbody>
</table>

**PHED 29**  
**FUTSAL-INDOOR SOCCER**  
1 Unit  
3 hours laboratory. (36 total hours per quarter.)  
May be taken six times for credit.  
Indoor soccer class developing basic skills including passing, shooting, dribbling and heading. Includes game strategy, tactics, and laws of the game.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course ID</th>
<th>Activity</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>20420</td>
<td>PHED-029A-01</td>
<td>LAB</td>
<td>12:00 PM-01:15 PM</td>
<td>MW</td>
<td>MARQUES, VILMAR</td>
<td>2601</td>
</tr>
<tr>
<td>20421</td>
<td>PHED-029A-02</td>
<td>LAB</td>
<td>08:00 PM-10:40 PM</td>
<td>M</td>
<td>MARQUES, VILMAR</td>
<td>MCPAV</td>
</tr>
</tbody>
</table>

**PHED 34A**  
**INTERCOLLEGIATE WOMEN’S SOCCER**  
3 Units  
Advisory: Not open to students with credit in H P 35B.  
14.5 hours lecture-laboratory. (174 total hours per quarter.)  
May be taken six times for credit.  
Competitive intercollegiate soccer working toward personal development, athletic scholarship, and career opportunities.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course ID</th>
<th>Activity</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>20422</td>
<td>PHED-034A-01</td>
<td>L-L</td>
<td>TBA</td>
<td>TBA</td>
<td>FLANNERY, OWEN</td>
<td>UPLFD</td>
</tr>
<tr>
<td>20423</td>
<td>PHED-034B-01</td>
<td>LAB</td>
<td>TBA</td>
<td>TBA</td>
<td>RIPP, KATHRYN</td>
<td>2601</td>
</tr>
</tbody>
</table>

**PHED 34C**  
**INTERCOLLEGIATE BASKETBALL (WOMEN)**  
3 Units  
Advisory: Not open to students with credit in H P 35D.  
14.5 hours lecture-laboratory. (174 total hours per quarter.)  
May be taken six times for credit.  
Competitive intercollegiate women’s basketball working toward personal development, athletic scholarship, and career opportunities.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course ID</th>
<th>Activity</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>21073</td>
<td>PHED-034C-01</td>
<td>LAB</td>
<td>TBA</td>
<td>TBA</td>
<td>CRAIG, JODY</td>
<td>2601</td>
</tr>
</tbody>
</table>

**PHED 34H**  
**PRE-SEASON CONDITIONING**  
2 Units  
Advisory: Not open to students with credit in H P 35K.  
6 hours lecture-laboratory. (72 total hours per quarter.)  
May be taken six times for credit.  
A continuation in the development of athletic skills, physical and mental conditioning which is required to be successful in intercollegiate athletics.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course ID</th>
<th>Activity</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>20426</td>
<td>PHED-034H-01</td>
<td>L-L</td>
<td>TBA</td>
<td>TBA</td>
<td>PREGLIASCO, COLLIN</td>
<td>UPLFD</td>
</tr>
<tr>
<td>20427</td>
<td>PHED-034H-02</td>
<td>L-L</td>
<td>TBA</td>
<td>TBA</td>
<td>MACIAS, DIEXE</td>
<td>TCOURT</td>
</tr>
<tr>
<td>20428</td>
<td>PHED-034H-03</td>
<td>L-L</td>
<td>TBA</td>
<td>TBA</td>
<td>HICKEY, LAUREN</td>
<td>TCOURT</td>
</tr>
</tbody>
</table>

**PHED 34J**  
**SPORTS TECHNIQUES & CONDITIONING**  
2 Units  
Advisory: Not open to students with credit in PHED 601.  
6 hours laboratory. (72 total hours per quarter.)  
May be taken six times for credit.  
This course is designed to teach and practice sport specific techniques and conditioning including drills, weight and flexibility training, and cardio-respiratory development.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course ID</th>
<th>Activity</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>20685</td>
<td>PHED-34J-01</td>
<td>LAB</td>
<td>TBA</td>
<td>MTHWF</td>
<td>RASNICK, RICKY</td>
<td>TBA</td>
</tr>
<tr>
<td>20726</td>
<td>PHED-34J-04</td>
<td>LAB</td>
<td>TBA</td>
<td>TBA</td>
<td>EDWARDS, KELLY</td>
<td>TBA</td>
</tr>
</tbody>
</table>

---

**PHED 35A**  
**INTERCOLLEGIATE SOCCER (MEN)**  
3 Units  
Advisory: Not open to students with credit in H P 40B.  
14.5 hours lecture-laboratory. (174 total hours per quarter.)  
May be taken six times for credit.  
Competitive intercollegiate soccer working toward personal development, athletic scholarship and career opportunities.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course ID</th>
<th>Activity</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>20419</td>
<td>PHED-035A-01</td>
<td>L-L</td>
<td>01:30 PM-04:15 PM</td>
<td>MTWTh</td>
<td>LINER, THOMAS</td>
<td>UPLFD</td>
</tr>
</tbody>
</table>

**PHED 35B**  
**INTERCOLLEGIATE FOOTBALL (MEN)**  
3 Units  
Advisory: Not open to students with credit in H P 40C.  
14.5 hours lecture-laboratory. (174 total hours per quarter.)  
May be taken six times for credit.  
Competitive intercollegiate football working toward personal development, athletic scholarship and career opportunities.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course ID</th>
<th>Activity</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>20430</td>
<td>PHED-035B-01</td>
<td>L-L</td>
<td>02:30 PM-04:40 PM</td>
<td>MTWThFs</td>
<td>RASNICK, RICKY</td>
<td>LWFLD</td>
</tr>
<tr>
<td>20431</td>
<td>PHED-035B-02</td>
<td>L-L</td>
<td>02:30 PM-04:40 PM</td>
<td>MTWThFs</td>
<td>EDWARDS, KELLY</td>
<td>LWFLD</td>
</tr>
<tr>
<td>20432</td>
<td>PHED-035B-03</td>
<td>L-L</td>
<td>02:30 PM-04:40 PM</td>
<td>MTWThFs</td>
<td>RAIVIO, MATTHEW</td>
<td>LWFLD</td>
</tr>
</tbody>
</table>

**PHED 35C**  
**INTERCOLLEGIATE BASKETBALL (MEN)**  
3 Units  
Advisory: Not open to students with credit in H P 40D.  
14.5 hours lecture-laboratory. (174 total hours per quarter.)  
May be taken six times for credit.  
Competitive intercollegiate basketball working toward personal development, athletic scholarship and career opportunities.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course ID</th>
<th>Activity</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>20433</td>
<td>PHED-035C-01</td>
<td>L-L</td>
<td>TBA</td>
<td>TBA</td>
<td>BISSELL, JEFFREY</td>
<td>POOL</td>
</tr>
</tbody>
</table>

**PHED 36**  
**INDOOR ARCHERY**  
1 Unit  
Advisory: Not open to students with credit in H P 23A.  
3 hours laboratory. (36 total hours per quarter.)  
May be taken six times for credit.  
Introduction to the sport of archery. Emphasis will be placed on instinctive shooting, scoring, terminology, safety and etiquette.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course ID</th>
<th>Activity</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>20434</td>
<td>PHED-036-01</td>
<td>LAB</td>
<td>08:30 AM-09:45 AM</td>
<td>MW</td>
<td>MACIAS, DIEXE</td>
<td>2501</td>
</tr>
<tr>
<td>20435</td>
<td>PHED-036-02</td>
<td>LAB</td>
<td>10:00 AM-11:15 AM</td>
<td>MW</td>
<td>MACIAS, DIEXE</td>
<td>2501</td>
</tr>
<tr>
<td>21620</td>
<td>PHED-036-03</td>
<td>LAB</td>
<td>06:30 PM-09:20 PM</td>
<td>Th</td>
<td>MACIAS, DIEXE</td>
<td>2501</td>
</tr>
</tbody>
</table>

**PHED 37**  
**BADMINTON: SINGLES & DOUBLES**  
1 Unit  
3 hours laboratory. (36 total hours per quarter.)  
May be taken six times for credit.  
Strategy and competition for both singles and doubles in badminton play.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course ID</th>
<th>Activity</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>20436</td>
<td>PHED-037-01</td>
<td>LAB</td>
<td>12:00 PM-01:15 PM</td>
<td>MW</td>
<td>LINER, THOMAS</td>
<td>2501</td>
</tr>
<tr>
<td>20437</td>
<td>PHED-037-02</td>
<td>LAB</td>
<td>12:00 PM-01:15 PM</td>
<td>TT</td>
<td>LINER, THOMAS</td>
<td>2501</td>
</tr>
</tbody>
</table>

**PHED 38A**  
**BASKETBALL FUNDAMENTALS**  
1 Unit  
Advisory: Enrollment is limited to six times within the PHED 38 group.  
3 hours laboratory. (36 total hours per quarter.)

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course ID</th>
<th>Activity</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>20438</td>
<td>PHED-038A-01</td>
<td>LAB</td>
<td>08:00 PM-10:50 PM</td>
<td>Th</td>
<td>BAUM, PETER</td>
<td>MCPAV</td>
</tr>
</tbody>
</table>

---

Unless otherwise noted in the schedule, Fall Quarter 2012 classes run September 24 to December 14, 2012. 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 August 20. Course listing and footnote information may have significantly changed. For the most accurate, current course listings, always access the class schedule.

www.foothill.edu
<table>
<thead>
<tr>
<th>Course Number</th>
<th>CRN</th>
<th>Activity</th>
<th>Title</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHED 38B</td>
<td>20441</td>
<td>383B-01</td>
<td>BASKETBALL GAME SKILLS</td>
<td>12:00 PM-01:15 PM</td>
<td>MWF</td>
<td>HERRERA, JAMES</td>
<td>MCDPAV</td>
</tr>
<tr>
<td>PHED 41</td>
<td>20442</td>
<td>41-01</td>
<td>INDOOR CYCLING-SPIN</td>
<td>12:00 PM-01:15 PM</td>
<td>MWF</td>
<td>RIPP, KATHRYN</td>
<td>2506</td>
</tr>
<tr>
<td>PHED 44A</td>
<td>20443</td>
<td>44A-02</td>
<td>CARDIO INTERVALS: HILLS &amp; SPRINTS</td>
<td>10:00 AM-11:15 AM</td>
<td>TTh</td>
<td>FLANNERY, OWEN</td>
<td>2506</td>
</tr>
<tr>
<td></td>
<td>20444</td>
<td>44A-03</td>
<td></td>
<td>06:00 AM-07:15 AM</td>
<td>MW</td>
<td>CONSTANT, STEPHANIE</td>
<td>2506</td>
</tr>
<tr>
<td></td>
<td>21863</td>
<td>44A-04</td>
<td></td>
<td>10:00 AM-11:15 AM</td>
<td>MW</td>
<td>FLANNERY, OWEN</td>
<td>2506</td>
</tr>
<tr>
<td></td>
<td>20270</td>
<td>44A-05</td>
<td></td>
<td>06:00 AM-07:15 AM</td>
<td>MW</td>
<td>FLANNERY, OWEN</td>
<td>2506</td>
</tr>
<tr>
<td>PHED 42</td>
<td>20445</td>
<td>42-01</td>
<td>BOWLING FOR FITNESS</td>
<td>12:00 PM-01:15 PM</td>
<td>MWF</td>
<td>RIPP, KATHRYN</td>
<td>2506</td>
</tr>
<tr>
<td></td>
<td>21704</td>
<td>42-02</td>
<td></td>
<td>08:00 AM-10:50 AM</td>
<td>S</td>
<td>OBURN, RONALD</td>
<td>HMSTDBWL</td>
</tr>
<tr>
<td></td>
<td>20446</td>
<td>42-02</td>
<td></td>
<td>08:00 AM-10:50 AM</td>
<td>S</td>
<td>OBURN, RONALD</td>
<td>HMSTDBWL</td>
</tr>
<tr>
<td>PHED 45</td>
<td>20448</td>
<td>45-01</td>
<td>FITNESS FOR LIFE</td>
<td>07:30 AM-09:00 AM</td>
<td>MWF</td>
<td>HERRERA, JAMES</td>
<td>MCWT</td>
</tr>
<tr>
<td></td>
<td>21704</td>
<td>45-02</td>
<td></td>
<td>07:30 AM-09:00 AM</td>
<td>MWF</td>
<td>HUNTER, ELIZABETH</td>
<td>TBA</td>
</tr>
<tr>
<td></td>
<td>20449</td>
<td>45-03</td>
<td></td>
<td>08:00 AM-10:50 AM</td>
<td>S</td>
<td>OBURN, RONALD</td>
<td>2506</td>
</tr>
<tr>
<td></td>
<td>20450</td>
<td>45-04</td>
<td></td>
<td>07:30 AM-09:00 AM</td>
<td>F</td>
<td>OBURN, RONALD</td>
<td>2506</td>
</tr>
<tr>
<td></td>
<td>20451</td>
<td>45-05</td>
<td></td>
<td>10:00 AM-12:50 PM</td>
<td>F</td>
<td>OBURN, RONALD</td>
<td>2506</td>
</tr>
<tr>
<td></td>
<td>20452</td>
<td>45-06</td>
<td></td>
<td>06:30 AM-07:45 AM</td>
<td>TTh</td>
<td>LANGLEY, ARNO</td>
<td>2506</td>
</tr>
<tr>
<td></td>
<td>20453</td>
<td>45-07</td>
<td></td>
<td>07:45 AM-09:00 AM</td>
<td>TTh</td>
<td>DOMINGUEZ, ARNO</td>
<td>2506</td>
</tr>
<tr>
<td></td>
<td>20454</td>
<td>45-08</td>
<td></td>
<td>06:30 AM-07:45 AM</td>
<td>MW</td>
<td>DOMINGUEZ, ARNO</td>
<td>2506</td>
</tr>
</tbody>
</table>

Unless otherwise noted in the schedule, Fall Quarter 2012 classes run September 24 to December 14, 2012. 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 August 20. Course listing and footnote information may have significantly changed. For the most accurate, current course listings, always access the class schedule.
FALL QUARTER 2012 COURSES

PHED 49B  BOOT CAMP TRAINING  1 Unit
Advisory: Not open to students with credit in H P 3C.
3 hours laboratory. (36 total hours per quarter.)
May be taken six times for credit.
This course is designed for students who want an annual program in which group training uses
designed fitness activities to develop core strength, cardiovascular conditioning and muscle
strength and power.

PHED 51  PERFORMANCE ENHANCING SUBSTANCES IN SPORT & EXERCISE  4 Units
Formerly: PHED 6
4 hours lecture. (48 total hours per quarter.)
Not Repeatable.
This course addresses current and historical issues as well as general social, biochemical and
behavioral information related to performance enhancing substances in sport and exercise. Areas
to be addressed include, but are not limited to: Anabolics, Blood Doping, Diuretics, Nutritional
Ergogenic Aids, Social and Recreational Drugs, Stimulants, Emerging Science and Technologies,
and Drug Testing.

PHED 60  SPECIAL PROJECTS IN PHYSICAL EDUCATION  2 Units
6 hours lecture-laboratory. (72 total hours per quarter.)
May be taken six times for credit.
Individual development of special projects, materials and activities related to physical education
and athletics.

PHED 62A  CLINICAL EXPERIENCES IN SPORTS MEDICINE I  3 Units
Formerly: H P 52A
Corequisite: Completion of, or concurrent enrollment in PHED 16 series or equivalent or instructor authorization.
9 hours laboratory. (108 total hours per quarter.)
May be taken three times for credit.
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.

PHED 62B  CLINICAL EXPERIENCES IN SPORTS MEDICINE II  3 Units
Formerly: H P 52B
Corequisite: Completion of, or concurrent enrollment in PHED 16 series or equivalent or instructor authorization.
9 hours laboratory. (108 total hours per quarter.)
May be taken three times for credit.
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.

PHED 62C  CLINICAL EXPERIENCES IN SPORTS MEDICINE III  3 Units
Formerly: H P 52B
Prerequisites: PHED 62A and 62B.
Corequisite: Completion of, or concurrent enrollment in PHED 16 series or equivalent or instructor authorization.
9 hours laboratory. (108 total hours per quarter.)
May be taken three times for credit.
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.

PHED 62D  CLINICAL EXPERIENCES IN SPORTS MEDICINE IV  3 Units
Formerly: H P 52B
Prerequisites: PHED 62C.
Corequisite: Completion of, or concurrent enrollment in PHED 16 series or equivalent or instructor authorization.
9 hours laboratory. (108 total hours per quarter.)
May be taken three times for credit.
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.

PHED 62E  CLINICAL EXPERIENCES IN SPORTS MEDICINE V  3 Units
Formerly: H P 52C
Prerequisites: PHED 62D.
Corequisite: Completion of, or concurrent enrollment in PHED 16 series or equivalent or instructor authorization.
9 hours laboratory. (108 total hours per quarter.)
May be taken three times for credit.
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.

PHED 65B  PNF: INTRODUCTION TO THE LOWER EXTREMITY  3 Units
Advisory: Not open to students with credit in H P 52G.
2 hours lecture, 1 hour laboratory, 1 hour online. (48 total hours per quarter.)
Not Repeatable.
Theory and hands on practice emphasizing lower extremity stretching, strengthening, stabilization
and active range of motion including goniometric measurement. Students must have reliable and
ongoing Internet access to complete Quizzes, Discussions and Assignments.

Unless otherwise noted in the schedule, Fall Quarter 2012 classes run September 24 to December 14, 2012. 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 August 20. Course listing and footnote information may have significantly changed. For the most accurate, current course listings, always access the class schedule.

www.foothill.edu  Foothill College • Fall Quarter 2012
67
## FALL QUARTER 2012 COURSES

### PHILOSOPHY

**Business & Social Sciences**  
(650) 949-7322  
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 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.

**PHIL 30**  
**INTRODUCTION TO CRITICAL THINKING**  
4 units
Formerly: PHIL 50
Advisory: Eligibility for ENGL 1A or ESL 26.
4 hours lecture. (48 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 written analysis of a variety of sources including but not limited to academic articles, news media, televised debates and advertisements.

### PHOTOGRAPHY

**Fine Arts & Communication**  
(650) 949-7318  
www.foothill.edu/fa/photo

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

**PHOT 2**  
**BLACK & WHITE PHOTOGRAPHY II**  
4 units
Prerequisite: PHOT 1 or equivalent.
2 hours lecture, 3 hours lecture-laboratory, 1.5 hours laboratory. (78 total hours per quarter.)
May be taken two times for credit.
## FALL QUARTER 2012 COURSES

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course ID</th>
<th>Activity</th>
<th>Title</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>20484</td>
<td>PHOT-002.-01</td>
<td>L-L</td>
<td>BLACK &amp; WHITE PHOTOGRAPHY III 4 Units</td>
<td>10:00 AM-12:50 PM</td>
<td>T</td>
<td>QUINN, PAUL</td>
<td>6104</td>
</tr>
<tr>
<td></td>
<td></td>
<td>LEC</td>
<td></td>
<td>10:00 AM-11:30 AM</td>
<td>Th</td>
<td>QUINN, PAUL</td>
<td>6107</td>
</tr>
<tr>
<td></td>
<td></td>
<td>LAB</td>
<td></td>
<td>12:00 PM-01:15 PM</td>
<td>Th</td>
<td>QUINN, PAUL</td>
<td>6104</td>
</tr>
<tr>
<td>21914</td>
<td>PHOT-003.-02</td>
<td>L-L</td>
<td>4A DIGITAL PHOTOGRAPHY I 4 Units</td>
<td>07:05 PM-09:20 PM</td>
<td>M</td>
<td>WILSON, NOAH</td>
<td>6104</td>
</tr>
<tr>
<td></td>
<td></td>
<td>LEC</td>
<td></td>
<td>07:15 PM-08:55 PM</td>
<td>W</td>
<td>WILSON, NOAH</td>
<td>6107</td>
</tr>
<tr>
<td></td>
<td></td>
<td>LAB</td>
<td></td>
<td>06:15 PM-07:05 PM</td>
<td>MW</td>
<td>WILSON, NOAH</td>
<td>6107</td>
</tr>
<tr>
<td>21585</td>
<td>PHOT-004A-01Y</td>
<td>L-L</td>
<td>5 INTRODUCTION TO PHOTOGRAPHY 4 Units</td>
<td>10:00 AM-12:50 PM</td>
<td>M</td>
<td>HERMAN, RONALD</td>
<td>1211</td>
</tr>
<tr>
<td></td>
<td></td>
<td>LEC</td>
<td></td>
<td>10:00 AM-11:50 AM</td>
<td>W</td>
<td>HERMAN, RONALD</td>
<td>1801</td>
</tr>
<tr>
<td></td>
<td></td>
<td>LAB</td>
<td></td>
<td>TBA</td>
<td>TBA</td>
<td>HERMAN, RONALD</td>
<td>ONLINE</td>
</tr>
<tr>
<td>21586</td>
<td>PHOT-004A-02Y</td>
<td>L-L</td>
<td>5A DIGITAL PHOTOGRAPHY I 4 Units</td>
<td>07:00 PM-08:50 PM</td>
<td>M</td>
<td>LOUDEN, LESLEY</td>
<td>402</td>
</tr>
<tr>
<td></td>
<td></td>
<td>LEC</td>
<td></td>
<td>07:00 PM-09:50 PM</td>
<td>W</td>
<td>LOUDEN, LESLEY</td>
<td>402</td>
</tr>
<tr>
<td></td>
<td></td>
<td>LAB</td>
<td></td>
<td>6:30 PM-06:50 PM</td>
<td>M</td>
<td>LOUDEN, LESLEY</td>
<td>402</td>
</tr>
<tr>
<td></td>
<td></td>
<td>LAB</td>
<td></td>
<td>TBA</td>
<td>TBA</td>
<td>HERMAN, RONALD</td>
<td>ONLINE</td>
</tr>
<tr>
<td></td>
<td></td>
<td>LEC</td>
<td></td>
<td>TBA</td>
<td>TBA</td>
<td>HERMAN, RONALD</td>
<td>ONLINE</td>
</tr>
<tr>
<td>21587</td>
<td>PHOT-004A-03W</td>
<td>L-L</td>
<td>5B INTRODUCTION TO PHOTOGRAPHY 4 Units</td>
<td>07:00 PM-08:50 PM</td>
<td>T</td>
<td>QUINN, PAUL</td>
<td>1801</td>
</tr>
<tr>
<td></td>
<td></td>
<td>LEC</td>
<td></td>
<td>07:00 PM-08:50 PM</td>
<td>Th</td>
<td>QUINN, PAUL</td>
<td>1801</td>
</tr>
<tr>
<td></td>
<td></td>
<td>LAB</td>
<td></td>
<td>TBA</td>
<td>TBA</td>
<td>LEE, KEITH</td>
<td>ONLINE</td>
</tr>
<tr>
<td></td>
<td></td>
<td>LAB</td>
<td></td>
<td>TBA</td>
<td>TBA</td>
<td>LEE, KEITH</td>
<td>ONLINE</td>
</tr>
<tr>
<td></td>
<td></td>
<td>LEC</td>
<td></td>
<td>TBA</td>
<td>TBA</td>
<td>HERMAN, RONALD</td>
<td>ONLINE</td>
</tr>
<tr>
<td></td>
<td></td>
<td>LEC</td>
<td></td>
<td>TBA</td>
<td>TBA</td>
<td>HERMAN, RONALD</td>
<td>ONLINE</td>
</tr>
<tr>
<td>20489</td>
<td>PHOT-008H-01H</td>
<td>L-L</td>
<td>5H HONORS PHOTOGRAPHY OF MULTICULTURAL AMERICA 4 Units</td>
<td>01:30 PM-03:20 PM</td>
<td>TBA</td>
<td>HERMAN, RONALD</td>
<td>ONLINE</td>
</tr>
<tr>
<td></td>
<td></td>
<td>LEC</td>
<td></td>
<td>01:30 PM-03:20 PM</td>
<td>Th</td>
<td>HERMAN, RONALD</td>
<td>4002</td>
</tr>
<tr>
<td></td>
<td></td>
<td>LAB</td>
<td></td>
<td>TBA</td>
<td>TBA</td>
<td>HERMAN, RONALD</td>
<td>ONLINE</td>
</tr>
<tr>
<td>20488</td>
<td>PHOT-008-01W</td>
<td>L-L</td>
<td>5 INTRODUCTION TO PHOTOGRAPHY 4 Units</td>
<td>TBA</td>
<td>TBA</td>
<td>HERMAN, RONALD</td>
<td>ONLINE</td>
</tr>
<tr>
<td></td>
<td></td>
<td>LEC</td>
<td></td>
<td>TBA</td>
<td>TBA</td>
<td>HERMAN, RONALD</td>
<td>ONLINE</td>
</tr>
<tr>
<td></td>
<td></td>
<td>LAB</td>
<td></td>
<td>TBA</td>
<td>TBA</td>
<td>HERMAN, RONALD</td>
<td>ONLINE</td>
</tr>
<tr>
<td></td>
<td></td>
<td>LAB</td>
<td></td>
<td>TBA</td>
<td>TBA</td>
<td>HERMAN, RONALD</td>
<td>ONLINE</td>
</tr>
<tr>
<td></td>
<td></td>
<td>LEC</td>
<td></td>
<td>TBA</td>
<td>TBA</td>
<td>HERMAN, RONALD</td>
<td>ONLINE</td>
</tr>
<tr>
<td>20487</td>
<td>PHOT-005-03W</td>
<td>L-L</td>
<td>5 INTRODUCTION TO PHOTOGRAPHY 4 Units</td>
<td>07:00 PM-09:50 PM</td>
<td>T</td>
<td>QUINN, PAUL</td>
<td>1801</td>
</tr>
<tr>
<td></td>
<td></td>
<td>LEC</td>
<td></td>
<td>07:00 PM-08:50 PM</td>
<td>Th</td>
<td>QUINN, PAUL</td>
<td>1801</td>
</tr>
<tr>
<td></td>
<td></td>
<td>LAB</td>
<td></td>
<td>TBA</td>
<td>TBA</td>
<td>LEE, KEITH</td>
<td>ONLINE</td>
</tr>
<tr>
<td></td>
<td></td>
<td>LAB</td>
<td></td>
<td>TBA</td>
<td>TBA</td>
<td>LEE, KEITH</td>
<td>ONLINE</td>
</tr>
<tr>
<td></td>
<td></td>
<td>LEC</td>
<td></td>
<td>TBA</td>
<td>TBA</td>
<td>HERMAN, RONALD</td>
<td>ONLINE</td>
</tr>
<tr>
<td></td>
<td></td>
<td>LEC</td>
<td></td>
<td>TBA</td>
<td>TBA</td>
<td>HERMAN, RONALD</td>
<td>ONLINE</td>
</tr>
<tr>
<td>21581</td>
<td>PHOT-005-04W</td>
<td>L-L</td>
<td>5 INTRODUCTION TO PHOTOGRAPHY 4 Units</td>
<td>07:00 PM-09:50 PM</td>
<td>T</td>
<td>QUINN, PAUL</td>
<td>1801</td>
</tr>
<tr>
<td></td>
<td></td>
<td>LEC</td>
<td></td>
<td>07:00 PM-08:50 PM</td>
<td>Th</td>
<td>QUINN, PAUL</td>
<td>1801</td>
</tr>
<tr>
<td></td>
<td></td>
<td>LAB</td>
<td></td>
<td>TBA</td>
<td>TBA</td>
<td>LEE, KEITH</td>
<td>ONLINE</td>
</tr>
<tr>
<td></td>
<td></td>
<td>LAB</td>
<td></td>
<td>TBA</td>
<td>TBA</td>
<td>LEE, KEITH</td>
<td>ONLINE</td>
</tr>
<tr>
<td></td>
<td></td>
<td>LEC</td>
<td></td>
<td>TBA</td>
<td>TBA</td>
<td>HERMAN, RONALD</td>
<td>ONLINE</td>
</tr>
<tr>
<td></td>
<td></td>
<td>LEC</td>
<td></td>
<td>TBA</td>
<td>TBA</td>
<td>HERMAN, RONALD</td>
<td>ONLINE</td>
</tr>
<tr>
<td>20486</td>
<td>PHOT-005-01</td>
<td>L-L</td>
<td>5 INTRODUCTION TO PHOTOGRAPHY 4 Units</td>
<td>10:00 AM-12:50 PM</td>
<td>T</td>
<td>LOUDEN, LESLEY</td>
<td>6107</td>
</tr>
<tr>
<td></td>
<td></td>
<td>LEC</td>
<td></td>
<td>10:00 AM-12:50 PM</td>
<td>Th</td>
<td>LOUDEN, LESLEY</td>
<td>6107</td>
</tr>
<tr>
<td></td>
<td></td>
<td>LAB</td>
<td></td>
<td>01:00 PM-02:50 PM</td>
<td>T</td>
<td>LOUDEN, LESLEY</td>
<td>6107</td>
</tr>
<tr>
<td>20485</td>
<td>PHOT-005-02</td>
<td>L-L</td>
<td>5 INTRODUCTION TO PHOTOGRAPHY 4 Units</td>
<td>10:00 AM-12:50 PM</td>
<td>T</td>
<td>LOUDEN, LESLEY</td>
<td>6107</td>
</tr>
<tr>
<td></td>
<td></td>
<td>LEC</td>
<td></td>
<td>10:00 AM-12:50 PM</td>
<td>Th</td>
<td>LOUDEN, LESLEY</td>
<td>6107</td>
</tr>
<tr>
<td></td>
<td></td>
<td>LAB</td>
<td></td>
<td>01:00 PM-02:50 PM</td>
<td>T</td>
<td>LOUDEN, LESLEY</td>
<td>6107</td>
</tr>
<tr>
<td>20487</td>
<td>PHOT-005-03W</td>
<td>L-L</td>
<td>5 INTRODUCTION TO PHOTOGRAPHY 4 Units</td>
<td>07:00 PM-09:50 PM</td>
<td>Th</td>
<td>QUINN, PAUL</td>
<td>1801</td>
</tr>
<tr>
<td></td>
<td></td>
<td>LEC</td>
<td></td>
<td>07:00 PM-09:50 PM</td>
<td>T</td>
<td>QUINN, PAUL</td>
<td>1801</td>
</tr>
<tr>
<td></td>
<td></td>
<td>LAB</td>
<td></td>
<td>TBA</td>
<td>TBA</td>
<td>LEE, KEITH</td>
<td>ONLINE</td>
</tr>
<tr>
<td></td>
<td></td>
<td>LAB</td>
<td></td>
<td>TBA</td>
<td>TBA</td>
<td>LEE, KEITH</td>
<td>ONLINE</td>
</tr>
<tr>
<td></td>
<td></td>
<td>LEC</td>
<td></td>
<td>TBA</td>
<td>TBA</td>
<td>HERMAN, RONALD</td>
<td>ONLINE</td>
</tr>
<tr>
<td></td>
<td></td>
<td>LEC</td>
<td></td>
<td>TBA</td>
<td>TBA</td>
<td>HERMAN, RONALD</td>
<td>ONLINE</td>
</tr>
<tr>
<td></td>
<td></td>
<td>LEC</td>
<td></td>
<td>TBA</td>
<td>TBA</td>
<td>HERMAN, RONALD</td>
<td>ONLINE</td>
</tr>
<tr>
<td></td>
<td></td>
<td>LEC</td>
<td></td>
<td>TBA</td>
<td>TBA</td>
<td>HERMAN, RONALD</td>
<td>ONLINE</td>
</tr>
<tr>
<td>21588</td>
<td>PHOT-074-01</td>
<td>L-L</td>
<td>STUDIO PHOTOGRAPHY TECHNIQUES 4 Units</td>
<td>05:00 PM-07:50 PM</td>
<td>T</td>
<td>LEE, KEITH</td>
<td>6103</td>
</tr>
<tr>
<td></td>
<td></td>
<td>LEC</td>
<td></td>
<td>05:00 PM-09:50 PM</td>
<td>T</td>
<td>LEE, KEITH</td>
<td>6107</td>
</tr>
<tr>
<td></td>
<td></td>
<td>LAB</td>
<td></td>
<td>07:00 PM-09:20 PM</td>
<td>Th</td>
<td>LEE, KEITH</td>
<td>6103</td>
</tr>
</tbody>
</table>
**Fall Quarter 2012 Courses**

### PHARMACY TECHNOLOGY

#### Biological & Health Sciences  (650) 949-6955  
www.foothill.edu/bio/programs/pharmtec/

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

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course ID</th>
<th>Activity</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>CRN</td>
<td>Course ID</td>
</tr>
<tr>
<td>20491</td>
<td>PHT -050.-01</td>
<td>LEC 08:00 AM-10:50 AM</td>
<td>Orientation to Pharmacy Technology</td>
<td>3</td>
</tr>
<tr>
<td>20492</td>
<td>PHT -051.-01</td>
<td>LEC 08:00 AM-11:50 AM</td>
<td>Basic Pharmaceutics</td>
<td>4</td>
</tr>
<tr>
<td>20493</td>
<td>PHT -052A-01</td>
<td>LEC 08:00 AM-09:50 AM</td>
<td>Inpatient Dispensing</td>
<td>3</td>
</tr>
<tr>
<td>20494</td>
<td>PHT -053.-01</td>
<td>LEC 08:00 AM-10:50 AM</td>
<td>Ambulatory Pharmacy Practice</td>
<td>4</td>
</tr>
<tr>
<td>20495</td>
<td>PHT -054A-01</td>
<td>LEC 01:00 PM-03:50 PM</td>
<td>Dosage Calculations A</td>
<td>3</td>
</tr>
<tr>
<td>22022</td>
<td>PHT -055A-01</td>
<td>LEC 12:00 PM-01:50 PM</td>
<td>Pharmacology A</td>
<td>4</td>
</tr>
</tbody>
</table>

**PHT 50**  ORIENTATION TO PHARMACY TECHNOLOGY  
3 hours lecture. (36 total hours per quarter.)  
Not Repeatable.  
An orientation to the role and working environment of the pharmacy technician, in both inpatient and outpatient settings. An introduction to the legal responsibilities and technical activities of the pharmacy technician.

**PHT 51**  BASIC PHARMACEUTICS  
4 hours lecture. (48 total hours per quarter.)  
Not Repeatable.  
An introduction to the pharmacological principles as they are related to and support an understanding of rational drug usage. An understanding of the profound influence of drug laws, standards and regulations.

**PHT 52A**  INPATIENT DISPENSING  
2 hours lecture, 3 hours laboratory. (60 total hours per quarter.)  
Not Repeatable.  
A general study of the usual technician functions associated with an institutional drug distribution system. Practical experience in the manipulative and record-keeping functions of extemporaneous preparations in an inpatient pharmacy.

**PHT 53**  AMBULATORY PHARMACY PRACTICE  
3 hours lecture, 3 hours laboratory. (72 total hours per quarter.)  
Not Repeatable.  
A review of the skills needed to operate effectively in an ambulatory setting, with emphasis on receiving and controlling inventory, processing prescriptions using computerized prescription processing, and medical insurance billing. Customer relations.

**PHT 54A**  DOSAGE CALCULATIONS A  
3 hours lecture. (36 total hours per quarter.)  
Not Repeatable.  
An introduction to the use of pharmaceutical measuring systems with emphasis on the metric system and intersystem conversions.

**PHT 55A**  PHARMACOLOGY A  
4 hours lecture. (48 total hours per quarter.)  
Not Repeatable.  
An introduction to pharmacology with a focus on the anatomy, physiology and application of pharmacological principles related to various body systems and disorders; the nervous system, musculoskeletal system, and cardiovascular system. Drugs are discussed related to their mechanism of action, indications, adverse effects, contraindications, precautions and drug interactions. Intended for students already enrolled in the Pharmacy Technician Program.

Unless otherwise noted in the schedule, Fall Quarter 2012 classes run September 24 to December 14, 2012. 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 August 20. Course listing and footnote information may have significantly changed. For the most accurate, current course listings, always access the class schedule.
PHYSICS
Physical Sciences, Mathematics & Engineering
(650) 949-7259
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.

20496 PHYS-002A-01 LEC 01:00 PM-02:50 PM MW CASCARANO, FRANKLIN 5502
L-L 03:00 PM-03:50 PM M STAFF, M 5407
LAB 04:00 PM-05:50 PM M STAFF, M 5407
PHYS-002A-01: Additional costs for online materials or content in place of or in addition to a textbook may be required.

20732 PHYS-002A-02 LEC 01:00 PM-02:50 PM MW CASCARANO, FRANKLIN 5502
L-L 03:00 PM-03:50 PM W STAFF, M 5407
LAB 04:00 PM-05:50 PM W STAFF, M 5407
PHYS-002A-02: Additional costs for online materials or content in place of or in addition to a textbook may be required.

20497 PHYS-002A-03 LEC 05:30 PM-07:20 PM MW LOW, EVA 5501
L-L 07:30 PM-08:20 PM M LOW, EVA 5407
LAB 08:30 PM-10:20 PM M LOW, EVA 5407
PHYS-002A-03: Additional costs for online materials or content in place of or in addition to a textbook may be required.

20733 PHYS-002A-04 LEC 05:30 PM-07:20 PM W LOW, EVA 5407
L-L 07:30 PM-08:20 PM W LOW, EVA 5407
LAB 08:30 PM-10:20 PM W LOW, EVA 5407
PHYS-002A-04: Additional costs for online materials or content in place of or in addition to a textbook may be required.

21748 PHYS-002A-05 LEC 01:00 PM-02:50 PM T MARASCO, DAVID 5502
L-L 03:00 PM-03:50 PM T MARASCO, DAVID 5407
LAB 04:00 PM-05:50 PM T MARASCO, DAVID 5407
PHYS-002A-05: Additional costs for online materials or content in place of or in addition to a textbook may be required.

21749 PHYS-002A-06 LEC 01:00 PM-02:50 PM T MARASCO, DAVID 5502
L-L 03:00 PM-03:50 PM T MARASCO, DAVID 5407
LAB 04:00 PM-05:50 PM T MARASCO, DAVID 5407
PHYS-002A-06: 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.

21028 PHYS-002B-01 LEC 05:30 PM-07:20 PM T Th HEIN, EMILIE 3525
L-L 08:00 PM-08:50 PM T Th HEIN, EMILIE 5406
LAB 09:00 PM-10:50 PM Th HEIN, EMILIE 5406
PHYS-002B-01: Additional costs for online materials or content in place of or in addition to a textbook may be required.

21750 PHYS-002B-02 LEC 05:30 PM-07:20 PM T Th HEIN, EMILIE 3525
L-L 08:00 PM-08:50 PM Th HEIN, EMILIE 5406
LAB 09:00 PM-10:50 PM Th HEIN, EMILIE 5406

PHYS 2C GENERAL PHYSICS 5 Units
Prerequisite: PHYS 2B.
4 hours lecture, 1 hour lecture-laboratory, 2 hours laboratory. (84 total hours per quarter.)
Not Repeatable.
Lectures, demonstrations, and problems in waves; optics; introductory quantum mechanics; atomic physics; and nuclear physics.

21751 PHYS-002C-01 LEC 05:30 PM-07:20 PM MW LAU, BOBBY 3525
L-L 08:00 PM-08:50 PM W LAU, BOBBY 5423
LAB 09:00 PM-10:50 PM W LAU, BOBBY 5423

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-physical interrelationships, classical Newtonian mechanics.

20498 PHYS-004A-01 LEC 03:00 PM-05:15 PM Th CASCARANO, FRANKLIN 5502
L-L 12:00 PM-12:50 PM T CASCARANO, FRANKLIN 5407
LAB 01:00 PM-02:50 PM T CASCARANO, FRANKLIN 5407
PHYS-004A-01: Additional costs for online materials or content in place of or in addition to a textbook may be required.

21752 PHYS-004A-02 LEC 03:00 PM-05:15 PM T Th CASCARANO, FRANKLIN 5502
L-L 12:00 PM-12:50 PM Th CASCARANO, FRANKLIN 5407
LAB 01:00 PM-02:50 PM Th CASCARANO, FRANKLIN 5407
PHYS-004A-02: Additional costs for online materials or content in place of or in addition to a textbook may be required.

20499 PHYS-004A-03 LEC 03:00 PM-05:15 PM MW FORS, ANITA 5502
L-L 12:00 PM-12:50 PM M FORS, ANITA 5407
LAB 01:00 PM-02:50 PM M FORS, ANITA 5407
PHYS-004A-03: Additional costs for online materials or content in place of or in addition to a textbook may be required.

20734 PHYS-004A-04 LEC 03:00 PM-05:15 PM M W FORS, ANITA 5407
L-L 12:00 PM-12:50 PM W FORS, ANITA 5407
LAB 01:00 PM-02:50 PM W FORS, ANITA 5407
PHYS-004A-04: Additional costs for online materials or content in place of or in addition to a textbook may be required.

21770 PHYS-004A-05 LEC 05:30 PM-07:45 PM T Th YUEN, MAX 5501
L-L 08:00 PM-08:50 PM T Th YUEN, MAX 5407
LAB 09:00 PM-10:50 PM Th YUEN, MAX 5407
PHYS-004A-05: Additional costs for online materials or content in place of or in addition to a textbook may be required.

21771 PHYS-004A-06 LEC 05:30 PM-07:45 PM T Th YUEN, MAX 5501
L-L 08:00 PM-08:50 PM Th YUEN, MAX 5407
LAB 09:00 PM-10:50 PM W YUEN, MAX 5407
PHYS-004A-06: 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.)
### FALL QUARTER 2012 COURSES

**POLITICAL SCIENCE**

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

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Title</th>
<th>CRN</th>
<th>Instructor</th>
<th>Location</th>
<th>Activity</th>
<th>Time</th>
<th>Days</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYS-004B-01</td>
<td>CLASSICAL MECHANICS</td>
<td>20501</td>
<td>MARASCO, DAVID</td>
<td>5501</td>
<td>LEC</td>
<td>12:00 PM-02:15 PM</td>
<td>MW</td>
</tr>
<tr>
<td>PHYS-004B-02</td>
<td>GENERAL PHYSICS (CALCULUS)</td>
<td>20735</td>
<td>MARASCO, DAVID</td>
<td>5501</td>
<td>LEC</td>
<td>12:00 PM-02:15 PM</td>
<td>MW</td>
</tr>
<tr>
<td>PHYS-004C-01</td>
<td>GENERAL PHYSICS - CALCULUS SUPPLEMENT</td>
<td>20502</td>
<td>WANG, XIUJUAN</td>
<td>3525</td>
<td>LEC</td>
<td>10:00 AM-11:50 AM</td>
<td>TTh</td>
</tr>
<tr>
<td>PHYS-004D-01</td>
<td>CLASSICAL ELECTRICITY &amp; MAGNETISM</td>
<td>20503</td>
<td>WOOLLOCK, JOSEPH</td>
<td>ONLINE</td>
<td>LEC</td>
<td>10:00 AM-11:50 AM</td>
<td>TTh</td>
</tr>
<tr>
<td>PHYS-005B-01</td>
<td>FLUID DYNAMICS AND THERMODYNAMICS</td>
<td>20504</td>
<td>WOOLLOCK, JOSEPH</td>
<td>ONLINE</td>
<td>LEC</td>
<td>10:00 AM-11:50 AM</td>
<td>MW</td>
</tr>
</tbody>
</table>

---

### BUSINESS & SOCIAL SCIENCES

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Title</th>
<th>CRN</th>
<th>Instructor</th>
<th>Location</th>
<th>Activity</th>
<th>Time</th>
<th>Days</th>
</tr>
</thead>
<tbody>
<tr>
<td>POLI 1</td>
<td>POLITICAL SCIENCE: INTRODUCTION TO AMERICAN GOVERNMENT &amp; POLITICS</td>
<td>20501</td>
<td>WISE, ADRIANO</td>
<td>3301</td>
<td>LEC</td>
<td>08:00 AM-09:50 AM</td>
<td>MW</td>
</tr>
<tr>
<td>POLI 2</td>
<td>COMPARATIVE GOVERNMENT &amp; POLITICS</td>
<td>20668</td>
<td>WISE, ADRIANO</td>
<td>3301</td>
<td>LEC</td>
<td>10:00 AM-11:50 AM</td>
<td>MW</td>
</tr>
<tr>
<td>POLI 9</td>
<td>POLITICAL ECONOMY</td>
<td>20508</td>
<td>WISE, ADRIANO</td>
<td>3301</td>
<td>LEC</td>
<td>10:00 AM-11:50 AM</td>
<td>MW</td>
</tr>
<tr>
<td>POLI 10</td>
<td>HONORS POLITICAL ECONOMY</td>
<td>20875</td>
<td>WISE, ADRIANO</td>
<td>3301</td>
<td>LEC</td>
<td>10:00 AM-11:50 AM</td>
<td>MW</td>
</tr>
</tbody>
</table>

---

### APPLIED SCIENCES

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Title</th>
<th>CRN</th>
<th>Instructor</th>
<th>Location</th>
<th>Activity</th>
<th>Time</th>
<th>Days</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYS-004B-01</td>
<td>CLASSICAL MECHANICS</td>
<td>20501</td>
<td>MARASCO, DAVID</td>
<td>5501</td>
<td>LEC</td>
<td>12:00 PM-02:15 PM</td>
<td>MW</td>
</tr>
<tr>
<td>PHYS-004B-02</td>
<td>GENERAL PHYSICS (CALCULUS)</td>
<td>20735</td>
<td>MARASCO, DAVID</td>
<td>5501</td>
<td>LEC</td>
<td>12:00 PM-02:15 PM</td>
<td>MW</td>
</tr>
<tr>
<td>PHYS-004C-01</td>
<td>GENERAL PHYSICS - CALCULUS SUPPLEMENT</td>
<td>20502</td>
<td>WANG, XIUJUAN</td>
<td>3525</td>
<td>LEC</td>
<td>10:00 AM-11:50 AM</td>
<td>TTh</td>
</tr>
<tr>
<td>PHYS-004D-01</td>
<td>CLASSICAL ELECTRICITY &amp; MAGNETISM</td>
<td>20503</td>
<td>WOOLLOCK, JOSEPH</td>
<td>ONLINE</td>
<td>LEC</td>
<td>10:00 AM-11:50 AM</td>
<td>TTh</td>
</tr>
<tr>
<td>PHYS-005B-01</td>
<td>FLUID DYNAMICS AND THERMODYNAMICS</td>
<td>20504</td>
<td>WOOLLOCK, JOSEPH</td>
<td>ONLINE</td>
<td>LEC</td>
<td>10:00 AM-11:50 AM</td>
<td>MW</td>
</tr>
</tbody>
</table>

---

### ONLINE COURSES

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Title</th>
<th>CRN</th>
<th>Instructor</th>
<th>Location</th>
<th>Activity</th>
<th>Time</th>
<th>Days</th>
</tr>
</thead>
<tbody>
<tr>
<td>POLI 1</td>
<td>POLITICAL SCIENCE: INTRODUCTION TO AMERICAN GOVERNMENT &amp; POLITICS</td>
<td>20501</td>
<td>WISE, ADRIANO</td>
<td>3301</td>
<td>LEC</td>
<td>08:00 AM-09:50 AM</td>
<td>MW</td>
</tr>
<tr>
<td>POLI 2</td>
<td>COMPARATIVE GOVERNMENT &amp; POLITICS</td>
<td>20668</td>
<td>WISE, ADRIANO</td>
<td>3301</td>
<td>LEC</td>
<td>10:00 AM-11:50 AM</td>
<td>MW</td>
</tr>
<tr>
<td>POLI 10</td>
<td>HONORS POLITICAL ECONOMY</td>
<td>20508</td>
<td>WISE, ADRIANO</td>
<td>3301</td>
<td>LEC</td>
<td>10:00 AM-11:50 AM</td>
<td>MW</td>
</tr>
</tbody>
</table>

---

**Unless otherwise noted in the schedule, Fall Quarter 2012 classes run September 24 to December 14, 2012. 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 August 20. Course listing and footnote information may have significantly changed. For the most accurate, current course listings, always access the class schedule.**

www.foothill.edu  
Foothill College • Fall Quarter 2012
As an honors course, it is a full thematic seminar with advanced teaching methods focusing on extensive writing, reading, and research assignments, student lectures, group discussions and interactions. Distinguishing features include: heightened focus on and evaluation of global objectives and components of developed and developing nations, increased depth of analysis and breadth of examination, higher level of student critical thinking. Expanded learning outcomes and fuller description of these focused elements.

21480 POLI-009H-01H LEC 12:00 PM-02:15 PM T Th DEMLINGER, KIRK 5601

POLI 15 INTERNATIONAL RELATIONS/WORLD POLITICS 4 Units
Advisory: Eligibility for ENGL 1A or ESL 26; not open to students with credit in POLI 15H. 4 hours lecture. (48 total hours per quarter.)
Not Repeatable.
Analysis of the central elements of international relations including: contending theoretical formulations of international relations, factors of sovereignty, nationalism, relations between the core, semi-periphery and peripheral countries, the role of the World Trade Organization in international trade relations, international terrorism and global warming. The international struggle for global hegemony and the impact of terrorism on world politics are systematically analyzed in the context of an increasingly unipolar world.

20919 POLI-015.-01 LEC 01:00 PM-02:50 PM T Th ARMITAGE, LEIGHTON 3015

PSE 42 CLASS PRACTICES: ELEMENTARY SCHOOL SCIENCE 2 Units
Formerly: CHEM 42
Prerequisites: Satisfactory score on the mathematics placement test or MATH 105 or 108; college level chemistry or physics course; recommendation from a math, physics, or chemistry faculty; approval by the instructor; participation in an interview session; will require a current TB test, fingerprinting, and background investigation.
Advisory: ENGL 209 or ESL 25; Pass/No Pass; not open to students with credit in CHEM 42. 1.5 hours lecture, 2 hours laboratory. (42 total hours per quarter.)
Not Repeatable.
Introduce prospective science, technology, engineering, and mathematics (STEM) teachers to the field of elementary school education and the teaching and learning of science in elementary school classrooms. Students are placed in local elementary school classrooms to observe, participate, and assist a mentor teacher in instruction. Students also participate in the weekly seminar and discussion of learning in K-12 culture, cognitive development of students, and best means to teach appropriate science concepts at this level. Foothill students are expected to work a minimum of 18 hours (2 hrs/week x 9 weeks; will be adjusted for K-12 calendar as required) in the elementary school classroom during the quarter. Students will observe a successful and experienced mentor teacher, assist the mentor teacher, and provide support to ensure a positive classroom environment conducive to learning.

22006 PSE-041.-01 LEC 07:00 PM-08:15 PM T DEMLINGER, KIRK 5601

PSE 301Z CAREER DEVELOPMENT THROUGH CLASSROOM OBSERVATIONS 1 Unit
May be taken two times for credit.

22008 PSE-043.-01 LEC 07:00 PM-08:15 PM T DEMLINGER, KIRK 5601

PSE 301X CAREER DEVELOPMENT THROUGH CLASSROOM OBSERVATIONS 1 Unit
May be taken two times for credit.

20510 PSE-301X-01 LAB TBA TBA STAFF, M TBA

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

PSE 43 CLASS PRACTICES: HIGH SCHOOL SCIENCE 2 Units
Prerequisites: Must participate in an interview session; satisfactory score on the mathematics placement test or MATH 105 or 108; college level chemistry or physics course; recommendation from a math, physics, or chemistry faculty approval by the instructor; will require a current TB test, fingerprinting, and background investigation.
Advisory: ENGL 209 or ESL 25; Pass/No Pass. 1.5 hours lecture, 2 hours laboratory. (42 total hours per quarter.)
May be taken two times for credit.
Introduce prospective science, technology, engineering, and mathematics (STEM) teachers to the field of high school education and the teaching and learning of science in high school classrooms. Students are placed in local high school classrooms to observe, participate, and assist a mentor teacher in instruction. Students also participate in the weekly seminar and discussion of learning in K-12 culture, cognitive development of students, and best means to teach appropriate science concepts at this level. Foothill students are expected to work a minimum of 18 hours (2 hrs/week x 9 weeks; will be adjusted for K-12 calendar as required) in the high school classroom during the quarter. Introduced to the concepts that as classroom assistants or teachers, they are role models to the K-12 students and there is a large responsibility inherent in assuming this role. Support creating a respectful and inclusive classroom atmosphere where children learn most effectively.

22007 PSE-042.-01 LEC 07:00 PM-08:15 PM T TBA DEMLINGER, KIRK TBA

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

<table>
<thead>
<tr>
<th>Course Number Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSE 41 CLASS PRACTICES: MIDDLE SCHOOL SCIENCE</td>
<td>2 Units</td>
</tr>
<tr>
<td>PSE 301X CAREER DEVELOPMENT THROUGH CLASSROOM OBSERVATIONS</td>
<td>1 Unit</td>
</tr>
<tr>
<td>PSE 301Z CAREER DEVELOPMENT THROUGH CLASSROOM OBSERVATIONS</td>
<td>2 Units</td>
</tr>
<tr>
<td>PSE 301Y CAREER DEVELOPMENT THROUGH CLASSROOM OBSERVATIONS</td>
<td>1.5 Units</td>
</tr>
</tbody>
</table>

Unless otherwise noted in the schedule, Fall Quarter 2012 classes run September 24 to December 14, 2012. 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 August 20. Course listing and footnote information may have significantly changed. For the most accurate, current course listings, always access the class schedule.

www.foothill.edu
Foothill College • Fall Quarter 2012
## FALL QUARTER 2012 COURSES

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

For more information about the online psychology degree, visit www.foothill.edu/global/psycology.htm.

### PSYCHOLOGY

#### PSYC 1 GENERAL PSYCHOLOGY 5 Units
5 hours lecture. (60 total hours per quarter.)

Not Repeatable.

Exploration of primary areas, problems and concepts of psychology. Factors influencing human behavior and experience. Methodology, physiological basis, learning cognitive processes, perception, motivation and emotion, personality, pathology, treatment, and social processes. Area overview and emphasis on experimental, personality, developmental and humanistic psychology.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course ID</th>
<th>Activity</th>
<th>Title</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>21495</td>
<td>PSYC-001-01Y</td>
<td>LEC</td>
<td>08:00 AM-09:50 AM</td>
<td>TTh</td>
<td>OLIVEIRA, BRIAN</td>
<td>3402</td>
<td></td>
</tr>
<tr>
<td>21053</td>
<td>PSYC-001-02Y</td>
<td>LEC</td>
<td>10:00 AM-11:50 AM</td>
<td>TTh</td>
<td>LINDSAY, ETA</td>
<td>3404</td>
<td></td>
</tr>
<tr>
<td>20935</td>
<td>PSYC-001-03W</td>
<td>LEC</td>
<td>TBA</td>
<td>TBA</td>
<td>STEFONIK, BENJAMIN</td>
<td>ONLINE</td>
<td></td>
</tr>
</tbody>
</table>

#### PSYC 2 LABORATORY METHODS 4 Units
3 hours laboratory. (72 total hours per quarter.)

Advisory: Not open to students with credit in SOC 10; MATH 10; College-level reading and writing ability.

4 hours lecture, 6 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.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course ID</th>
<th>Activity</th>
<th>Title</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>20515</td>
<td>PSYC-001-02W</td>
<td>LEC</td>
<td>08:00 AM-09:50 AM</td>
<td>TTh</td>
<td>STEFONIK, BENJAMIN</td>
<td>3404</td>
<td></td>
</tr>
<tr>
<td>20877</td>
<td>PSYC-001-05</td>
<td>LEC</td>
<td>12:00 PM-02:15 PM</td>
<td>TTh</td>
<td>TUTTLE, NICHOLAS</td>
<td>3305</td>
<td></td>
</tr>
<tr>
<td>20876</td>
<td>PSYC-001-07W</td>
<td>LEC</td>
<td>TBA</td>
<td>TBA</td>
<td>OLIVEIRA, BRIAN</td>
<td>3402</td>
<td></td>
</tr>
<tr>
<td>20875</td>
<td>PSYC-001-08W</td>
<td>LEC</td>
<td>TBA</td>
<td>TBA</td>
<td>OLIVEIRA, BRIAN</td>
<td>3402</td>
<td></td>
</tr>
<tr>
<td>20874</td>
<td>PSYC-001-09W</td>
<td>LEC</td>
<td>TBA</td>
<td>TBA</td>
<td>OLIVEIRA, BRIAN</td>
<td>3402</td>
<td></td>
</tr>
<tr>
<td>20873</td>
<td>PSYC-001-10W</td>
<td>LEC</td>
<td>TBA</td>
<td>TBA</td>
<td>OLIVEIRA, BRIAN</td>
<td>3402</td>
<td></td>
</tr>
<tr>
<td>20669</td>
<td>PSYC-001-12Y</td>
<td>LEC</td>
<td>10:00 AM-11:50 AM</td>
<td>MW</td>
<td>LINDSAY, ETA</td>
<td>3203</td>
<td></td>
</tr>
<tr>
<td>21496</td>
<td>PSYC-001-13</td>
<td>LEC</td>
<td>03:00 PM-05:15 PM</td>
<td>TTh</td>
<td>TUTTLE, NICHOLAS</td>
<td>3402</td>
<td></td>
</tr>
<tr>
<td>21497</td>
<td>PSYC-001-14</td>
<td>LEC</td>
<td>06:00 PM-08:15 PM</td>
<td>TTh</td>
<td>TUTTLE, NICHOLAS</td>
<td>3402</td>
<td></td>
</tr>
</tbody>
</table>

#### 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.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course ID</th>
<th>Activity</th>
<th>Title</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>20520</td>
<td>PSYC-004-01W</td>
<td>LEC</td>
<td>TBA</td>
<td>TBA</td>
<td>MELUCY, NANCY</td>
<td>ONLINE</td>
<td></td>
</tr>
</tbody>
</table>

#### PSYC 7 STATISTICS FOR THE BEHAVIORAL SCIENCES 5 Units
Prerequisite: PSYC 1 or SOC 1; satisfactory score on the mathematics placement test or MATH 105 or MATH 108.

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

Not Repeatable.

This course is for students majoring in psychology, sociology, and other behavioral sciences. This course introduces students to the basic statistical techniques and design methodologies used in behavioral sciences. Topics include descriptive statistics; probability and sampling distributions; statistical inference and power; linear correlation and regression; chi-square; t-tests, and ANOVA. Computations will be completed by hand and with the use of statistical software. An emphasis will be placed on the interpretation and relevance of statistical findings and the application of statistical concepts to real-world problems in the behavioral and social sciences.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course ID</th>
<th>Activity</th>
<th>Title</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>21994</td>
<td>PSYC-004-02</td>
<td>LEC</td>
<td>10:00 AM-11:50 AM</td>
<td>TTh</td>
<td>WHITE, ROBIN</td>
<td>5992</td>
<td></td>
</tr>
</tbody>
</table>

#### PSYC 10 RESEARCH METHODS & DESIGNS 5 Units
Prerequisites: PSYC 1 or SOC 1.

Advisory: Not open to students with credit in SOC 10; MATH 10; College-level reading and writing ability.

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.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course ID</th>
<th>Activity</th>
<th>Title</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>25211</td>
<td>PSYC-001-01Y</td>
<td>LEC</td>
<td>10:00 AM-11:50 AM</td>
<td>TTh</td>
<td>OLIVEIRA, BRIAN</td>
<td>3404</td>
<td></td>
</tr>
<tr>
<td>20521</td>
<td>PSYC-001-10Q</td>
<td>LEC</td>
<td>12:00 PM-01:50 PM</td>
<td>TTh</td>
<td>STEFONIK, BENJAMIN</td>
<td>3106</td>
<td></td>
</tr>
</tbody>
</table>

#### 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.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course ID</th>
<th>Activity</th>
<th>Title</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>21592</td>
<td>PSYC-014-01W</td>
<td>LEC</td>
<td>TBA</td>
<td>TBA</td>
<td>PAULOS, LINDA</td>
<td>ONLINE</td>
<td></td>
</tr>
<tr>
<td>21499</td>
<td>PSYC-014-02W</td>
<td>LEC</td>
<td>TBA</td>
<td>TBA</td>
<td>PAULOS, LINDA</td>
<td>ONLINE</td>
<td></td>
</tr>
</tbody>
</table>

#### 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.

Introduction to the scientific study of psychopathology. Investigation of psychological disorders from various theoretical perspectives such as biological, psychodynamic, behavioral, sociocultural, cognitive, and humanistic approaches. Survey of psychological disorders and their major causes and treatments.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course ID</th>
<th>Activity</th>
<th>Title</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>20887</td>
<td>PSYC-025-01</td>
<td>LEC</td>
<td>10:00 AM-11:50 AM</td>
<td>TTh</td>
<td>STAFF, M</td>
<td>3106</td>
<td></td>
</tr>
<tr>
<td>20886</td>
<td>PSYC-025-02W</td>
<td>LEC</td>
<td>TBA</td>
<td>TBA</td>
<td>HORAN, MICHELLE</td>
<td>ONLINE</td>
<td></td>
</tr>
<tr>
<td>21214</td>
<td>PSYC-025-03</td>
<td>LEC</td>
<td>10:00 AM-11:50 AM</td>
<td>MW</td>
<td>STAFF, M</td>
<td>8338</td>
<td></td>
</tr>
<tr>
<td>21214</td>
<td>PSYC-025-02W</td>
<td>LEC</td>
<td>TBA</td>
<td>TBA</td>
<td>HORAN, MICHELLE</td>
<td>ONLINE</td>
<td></td>
</tr>
</tbody>
</table>

### PSYC 30 SOCIAL PSYCHOLOGY 4 Units

Advisory: College-level reading and writing ability.

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

Not Repeatable.

An emphasis on experimental, personality, developmental and humanistic psychology.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course ID</th>
<th>Activity</th>
<th>Title</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>20887</td>
<td>PSYC-025-01</td>
<td>LEC</td>
<td>TBA</td>
<td>TBA</td>
<td>HORAN, MICHELLE</td>
<td>ONLINE</td>
<td></td>
</tr>
<tr>
<td>20886</td>
<td>PSYC-025-02W</td>
<td>LEC</td>
<td>TBA</td>
<td>TBA</td>
<td>HORAN, MICHELLE</td>
<td>ONLINE</td>
<td></td>
</tr>
</tbody>
</table>

Unless otherwise noted in the schedule, Fall Quarter 2012 classes run September 24 to December 14, 2012. 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 August 20. Course listing and footnote information may have significantly changed. For the most accurate, current course listings, always access the class schedule.
FALL QUARTER 2012 COURSES

PSYC 040  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.

PSYC 049  HUMAN SEXUALITY  4 Units
4 hours lecture. (48 total hours per quarter.)
Not Repeatable.
Current scientific analysis of and information on sexual functioning and sexuality. Basic questions regarding sexual behavior, sexual roles, anatomy and physiology of sexual response, social patterns of sexual behavior, sexual adjustment and maladjustment. Includes treatment of sexual dysfunction, sex variance, the reproductive span of contraception-pregnancy-birth, sexual disease. Legal, political and cultural aspects of sexual behavior.

PSYC 055  PSYCHOLOGY OF SPORTS  4 Units
4 hours lecture. (48 total hours per quarter.)
### Respiratory Therapy

**Fall Quarter 2012 Courses**

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>21887</td>
<td>RT-996-01</td>
<td>TBA</td>
</tr>
<tr>
<td>20541</td>
<td>RSPT-050A-01</td>
<td>TBA</td>
</tr>
<tr>
<td>20758</td>
<td>RSPT-050A-02</td>
<td>TBA</td>
</tr>
<tr>
<td>20543</td>
<td>RSPT-052-01</td>
<td>TBA</td>
</tr>
<tr>
<td>20542</td>
<td>RSPT-051A-01</td>
<td>TBA</td>
</tr>
</tbody>
</table>

**Respiratory Therapy Procedures**

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course ID</th>
<th>Activity</th>
<th>Title</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>20541</td>
<td>RSPT-050A-01</td>
<td>LEC</td>
<td>RESPIRATORY THERAPY PROCEDURES</td>
<td>08:00 AM-10:50 AM</td>
<td>W</td>
<td>MILLER, LAWRENCE</td>
<td>S307</td>
</tr>
<tr>
<td>20758</td>
<td>RSPT-050A-02</td>
<td>LEC</td>
<td>RESPIRATORY THERAPY PROCEDURES</td>
<td>08:00 AM-10:50 AM</td>
<td>W</td>
<td>MILLER, LAWRENCE</td>
<td>S307</td>
</tr>
<tr>
<td>20759</td>
<td>RSPT-050A-03</td>
<td>LEC</td>
<td>RESPIRATORY THERAPY PROCEDURES</td>
<td>08:00 AM-10:50 AM</td>
<td>W</td>
<td>MILLER, LAWRENCE</td>
<td>S307</td>
</tr>
</tbody>
</table>

**Introduction to Respiratory Therapy**

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course ID</th>
<th>Activity</th>
<th>Title</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>20542</td>
<td>RSPT-051A-01</td>
<td>LEC</td>
<td>INTRODUCTION TO RESPIRATORY ANATOMY &amp; PHYSIOLOGY</td>
<td>09:00 AM-10:50 AM</td>
<td>T</td>
<td>ENSANI SAEID, ARMITA</td>
<td>S210</td>
</tr>
</tbody>
</table>

**Applied Science for Respiratory Therapy**

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course ID</th>
<th>Activity</th>
<th>Title</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>20543</td>
<td>RSPT-052-01</td>
<td>LEC</td>
<td>APPLIED SCIENCE FOR RESPIRATORY THERAPY</td>
<td>01:00 PM-03:50 PM</td>
<td>T</td>
<td>MERRIMAN, KRISTEN</td>
<td>S307</td>
</tr>
</tbody>
</table>

**Advanced Respiratory Therapy Pharmacology**

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course ID</th>
<th>Activity</th>
<th>Title</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>20544</td>
<td>RSPT-053B-01</td>
<td>LEC</td>
<td>ADVANCED RESPIRATORY THERAPY PHARMACOLOGY</td>
<td>12:00 PM-01:50 PM</td>
<td>T</td>
<td>MILLER, LAWRENCE</td>
<td>S707</td>
</tr>
</tbody>
</table>

Unless otherwise noted in the schedule, Fall Quarter 2012 classes run September 24 to December 14, 2012. 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 August 20. Course listing and footnote information may have significantly changed. For the most accurate, current course listings, always access the class schedule.
<table>
<thead>
<tr>
<th>Course Number</th>
<th>CRN</th>
<th>Course ID</th>
<th>Activity</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>RSPT 54</td>
<td>20545</td>
<td>RSPT-054-01</td>
<td>LEC</td>
<td>ORIENTATION TO RESPIRATORY CARE</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td></td>
<td>01:00 PM-02:50 PM</td>
<td>M</td>
<td>HANNING, BRENDA</td>
<td>5307</td>
</tr>
</tbody>
</table>

Prerequisite: Admission to Respiratory Therapy Program. 2 hours lecture. (24 total hours per quarter.) Not Repeatable. Orientation to the Respiratory Therapy Program and care. Current issues in American medical care, professionalism, death, dying and loss, communication skills, cultural diversity, HIPAA, ethics, legal issues, and patient’s rights. This course is intended for students accepted and enrolled in the Respiratory Therapy Program.

| RSPT 55A      | 20546| RSPT-055A-01| LAB | DIRECTED STUDIES IN RESPIRATORY I | 0.5   |
|               |      | TBA TBA HANNING, BRENDA TBA |   |   |   |

Prerequisite: Admission to the Respiratory Therapy Program. 2 hours laboratory. (24 total hours per quarter.) Not Repeatable. First in a series of seven media classes paralleling content taught in courses in the Respiratory Therapy Program. Focus on Oxygen equipment, Anatomy and Physiology, vital assessments and decision making. This course is intended for students accepted and enrolled in the Respiratory Therapy Program.

| RSPT 55E      | 20547| RSPT-055E-01| LAB | DIRECTED STUDIES IN RESPIRATORY V | 0.5   |
|               |      | TBA TBA HANNING, BRENDA TBA |   |   |   |

Advisory: This course is intended for students accepted and enrolled in the Respiratory Therapy Program. 2 hours laboratory. (24 total hours per quarter.) Not Repeatable. Fifth in a series of seven Media instruction and evaluation in topics paralleling content taught in courses in the Respiratory Therapy program. Topics include neonatal and pediatric diseases, ECG and Hemodynamic monitoring. This course is intended for students accepted and enrolled in the Respiratory Therapy Program.

| RSPT 60A      | 20548| RSPT-060A-01| LEC | CARDIOLOGY FOR RESPIRATORY THERAPISTS | 2     |
|               |      | 08:00 AM-09:50 AM | M | HANNING, BRENDA | 5307  |

Prerequisite: RSPT 61A. 2 hours lecture. (24 total hours per quarter.) Not Repeatable. Electrocardiogram and rhythm recognition. Invasive and non-invasive hemodynamic monitoring. Cardiac diagnostic and therapeutic procedures. Fluid balance. This course is intended for students accepted and enrolled in the Respiratory Therapy Program.

| RSPT 61B      | 20549| RSPT-061B-01| LEA | PERINATAL RESPIRATORY CARE | 3     |
|               |      | 08:00 AM-09:50 AM | M | HANNING, BRENDA | 5307  |

Prerequisite: RSPT 61A. 2 hours lecture, 3 hours laboratory. (60 total hours per quarter.) Not Repeatable. In depth look at Perinatal Respiratory Care. Examination and assessment of the neonate. Neonatal Respiratory diseases and disorders including treatment and management. Preparation for the Neonatal Resuscitation Program certification. This course is intended for students accepted and currently enrolled in the Respiratory Therapy Program.

| RSPT 70B      | 20750| RSPT-070B-01| LAB | CLINICAL ROTATION II | 6     |
|               |      | TBA WTHS MILLER, LAWRENCE |   |   |   |

Prerequisites: RSPT 61A and 70A. 30 hours laboratory. (360 total hours per quarter.) Not Repeatable. Continuation of RSPT 70A with performance of more advanced respiratory therapy techniques. Interpretation of increasing amounts of clinical data and a correlation to applied therapies. Participation in cardiopulmonary resuscitations. This course is intended for students accepted and enrolled in the Respiratory Therapy Program.

| RSPT 200L     | 20549| RSPT-200L-01| L-L | INTRODUCTION TO RESPIRATORY THERAPY | 1     |
|               |      | 04:30 PM-06:30 PM | Th | HANNING, BRENDA | 5307  |

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 therapist. Role of the respiratory therapist, areas of specialization in the field, educational requirements and future outlook. Clinical tasks and skills will also be introduced.

| SOC 1         | 20550| SOC-001-02Y | LEC | INTRODUCTION TO SOCIOLOGY | 5     |
|               |      | 08:00 AM-09:50 AM | Th | HANNING, BRENDA | 5307  |
|               |      | TBA GIBBS STAYTE, PATRICIA |   |   |   |

Sociology

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

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

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

Unless otherwise noted in the schedule, Fall Quarter 2012 classes run September 24 to December 14, 2012. 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 August 20. Course listing and footnote information may have significantly changed. For the most accurate, current course listings, always access the class schedule.

www.foothill.edu
### Fall Quarter 2012 Courses

<table>
<thead>
<tr>
<th>Course Number</th>
<th>CRN</th>
<th>Course ID</th>
<th>Activity</th>
<th>Title</th>
<th>Units</th>
<th>Title</th>
<th>CRN</th>
<th>Course ID</th>
<th>Activity</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOC 7</td>
<td></td>
<td>20555</td>
<td>LEC</td>
<td>STATISTICS FOR THE BEHAVIORAL SCIENCES</td>
<td>5</td>
<td>Units</td>
<td></td>
<td>20557</td>
<td>LEC</td>
<td>SOC -019.-01W</td>
<td>Online</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Prerequisite: PSYC 1 or SOC 1: satisfactory score on the Mathematics Placement Test or MATH 105 or MATH 108.</td>
<td>5</td>
<td>hours lecture.</td>
<td></td>
<td></td>
<td></td>
<td>SOC -019.-01W</td>
<td>Online</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Not Repeatable.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>SOC -019.-01W</td>
<td>Online</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>This course is for students majoring in psychology, sociology, and other behavioral sciences. This course introduces students to the basic statistical techniques and design methodologies used in</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>SOC -019.-01W</td>
<td>Online</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>behavioral sciences. Topics include descriptive statistics; probability and sampling distributions; statistical inference and power; linear correlation and regression; chi-square; t-tests, and ANOVA.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>behavioral sciences. Topics include descriptive statistics; probability and sampling distributions; statistical inference and power; linear correlation and regression; chi-square; t-tests, and ANOVA.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Computations will be completed by hand and with the use of statistical software. An emphasis will be placed on the interpretation and relevance of statistical findings and the application of statistical concepts to real-world problems in the behavioral and social sciences.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Computations will be completed by hand and with the use of statistical software. An emphasis will be placed on the interpretation and relevance of statistical findings and the application of statistical concepts to real-world problems in the behavioral and social sciences.</td>
<td></td>
</tr>
<tr>
<td>SOC 8</td>
<td></td>
<td>20555</td>
<td>LEC</td>
<td>POPULAR CULTURE</td>
<td>4</td>
<td>Units</td>
<td>21478</td>
<td>SOC -023.-01W</td>
<td>LEC</td>
<td>SOC -023.-01W</td>
<td>Online</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>4 hours lecture. (48 total hours per quarter.)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>SOC -023.-01W</td>
<td>Online</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Not Repeatable.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>SOC -023.-01W</td>
<td>Online</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Theoretical and methodological overview of American popular culture. A critical examination</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>SOC -023.-01W</td>
<td>Online</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>of the socio-historical development and contemporary forms of popular culture in America. The relationship of popular culture to individual, group and mass identity formation. Analysis of popular culture and its racial and class dimensions.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>of the socio-historical development and contemporary forms of popular culture in America. The relationship of popular culture to individual, group and mass identity formation. Analysis of popular culture and its racial and class dimensions.</td>
<td></td>
</tr>
<tr>
<td>SOC 10</td>
<td></td>
<td>20555</td>
<td>LEC</td>
<td>RESEARCH METHODS &amp; DESIGNS</td>
<td>5</td>
<td>Units</td>
<td>21478</td>
<td>SOC -023.-01W</td>
<td>LEC</td>
<td>SOC -023.-01W</td>
<td>Online</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Prerequisite: PSYC 1 or SOC 1.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>SOC -023.-01W</td>
<td>Online</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Advisory: MATH 10; College-level reading and writing ability; not open to students with credit in PSYC 10.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>SOC -023.-01W</td>
<td>Online</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>4 hours lecture, 3 hours laboratory. (84 total hours per quarter.)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>SOC -023.-01W</td>
<td>Online</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Not Repeatable.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>SOC -023.-01W</td>
<td>Online</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Survey of the various quantitative and qualitative research methods. Emphasis on the research</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>SOC -023.-01W</td>
<td>Online</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>design, planning, experimental procedures, and the collection, analysis, interpretation, and</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>SOC -023.-01W</td>
<td>Online</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>reporting of data. Laboratory emphasis on group work, data entry, and analysis of data with</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>SOC -023.-01W</td>
<td>Online</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>statistical software.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>SOC -023.-01W</td>
<td>Online</td>
</tr>
<tr>
<td>SOC 11</td>
<td></td>
<td>20556</td>
<td>LEC</td>
<td>INTRODUCTION TO SOCIAL WELFARE</td>
<td>5</td>
<td>Units</td>
<td>21478</td>
<td>SOC -023.-01W</td>
<td>LEC</td>
<td>SOC -023.-01W</td>
<td>Online</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>5 hours lecture. (60 total hours per quarter.)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>SOC -023.-01W</td>
<td>Online</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Not Repeatable.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>SOC -023.-01W</td>
<td>Online</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Sociological perspective of social welfare and the social services system as a field of study and</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>SOC -023.-01W</td>
<td>Online</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>profession. Historical overview of social problems and development of the professional fields. Focus</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>SOC -023.-01W</td>
<td>Online</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>on range of sociological theory to explain development of social services systems, their core concepts,</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>SOC -023.-01W</td>
<td>Online</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>value systems and methods.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>SOC -023.-01W</td>
<td>Online</td>
</tr>
<tr>
<td>SOC 19</td>
<td></td>
<td>20556</td>
<td>LEC</td>
<td>ALCOHOL &amp; DRUG ABUSE</td>
<td>4</td>
<td>Units</td>
<td>21478</td>
<td>SOC -023.-01W</td>
<td>LEC</td>
<td>SOC -023.-01W</td>
<td>Online</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>4 hours lecture. (48 total hours per quarter.)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>SOC -023.-01W</td>
<td>Online</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Not Repeatable.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>SOC -023.-01W</td>
<td>Online</td>
</tr>
</tbody>
</table>

Unless otherwise noted in the schedule, Fall Quarter 2012 classes run September 24 to December 14, 2012. 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 August 20. Course listing and footnote information may have significantly changed. For the most accurate, current course listings, always access the class schedule.
### SOCIAL SCIENCE

**Business & Social Sciences**  (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)

**SOSC 20**  CROSS-CULTURAL PERSPECTIVES FOR A MULTICULTURAL SOCIETY  4 Units

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

Not Repeatable.

Analysis of the multi-ethnic forms of cultural domination and its diverse manifestation in society, emphasizing European and Third World cultures. Examination of the values and practices of democratic participation in social institutions in those cultures. Review theories, concepts and research applicable to majority-minority issues.

### SPANISH

**Language Arts**  (650) 949-7131  [www.foothill.edu/la/](http://www.foothill.edu/la/)

**SOSC-079**  INTRODUCTION TO COMMUNITY SERVICE  1 Unit

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

May be taken three times for credit.

Introduction to theories and methods of effective volunteer participation in community service, including assessing community needs, role of the volunteer, relationship with public agencies.

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOSC 079-01</td>
<td>LAB</td>
<td>1</td>
</tr>
</tbody>
</table>

Courses listed with an 'S' suffix are the first half of the course. 'I' indicates the second half. The student takes two quarters to complete a quarter's work and does not receive full credit for the course until 'T' is completed. 'S' must be taken before 'T'.

#### SPAN 1  ELEMENTARY SPANISH I  5 Units

Advisory: Student may enroll in SPAN 1 or SPAN 1T, but not both, for credit.

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

Not Repeatable.

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.

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPAN 001-01</td>
<td>LEC</td>
<td>5</td>
</tr>
<tr>
<td>SPAN 001-02</td>
<td>LEC</td>
<td>5</td>
</tr>
</tbody>
</table>

Courses listed with an 'S' suffix are the first half of the course. 'T' indicates the second half. The student takes two quarters to complete a quarter's work and does not receive full credit for the course until 'T' is completed. 'S' must be taken before 'T'.

#### SPAN 2  ELEMENTARY SPANISH II  5 Units

Prerequisite: SPAN 1 or one year of high school Spanish.

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

Not Repeatable.

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.

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPAN 002-01</td>
<td>LEC</td>
<td>5</td>
</tr>
<tr>
<td>SPAN 002-02</td>
<td>LEC</td>
<td>5</td>
</tr>
</tbody>
</table>

Courses listed with an 'S' suffix are the first half of the course. 'T' indicates the second half. The student takes two quarters to complete a quarter's work and does not receive full credit for the course until 'T' is completed. 'S' must be taken before 'T'.

#### SPAN 3  ELEMENTARY SPANISH III  5 Units

Prerequisite: SPAN 2 or two years of high school Spanish.

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

Not Repeatable.

Further development and practice of elementary speaking, listening, reading and writing skills in everyday language functions, with focus on greater structural accuracy and communicative competence, and with Spanish as the language of instruction. Language laboratory practice to reinforce pronunciation, grammar and syntax. Study of basic geographical, historical and cultural aspects of Spanish-speaking world areas.

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPAN 003-01</td>
<td>LEC</td>
<td>5</td>
</tr>
<tr>
<td>SPAN 003-02</td>
<td>LEC</td>
<td>5</td>
</tr>
</tbody>
</table>

Courses listed with an 'S' suffix are the first half of the course. 'T' indicates the second half. The student takes two quarters to complete a quarter's work and does not receive full credit for the course until 'T' is completed. 'S' must be taken before 'T'.

#### SPAN 4  INTERMEDIATE SPANISH I  5 Units

Prerequisite: SPAN 3 or three years of high school Spanish.

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

Not Repeatable.

Introduction to the reading and discussion of texts dealing with the literature, arts, geography, history and culture of the Spanish-speaking world. Review and further development of the grammatical structures of first-year Spanish with emphasis on building communicative competence and expanding vocabulary about familiar topics and idiomatic usage. Emphasis on present indicative and subjunctive. Writing and reading assignments based upon topics discussed in class.

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPAN 004-01</td>
<td>LEC</td>
<td>5</td>
</tr>
<tr>
<td>SPAN 004-02</td>
<td>LEC</td>
<td>5</td>
</tr>
</tbody>
</table>

Courses listed with an 'S' suffix are the first half of the course. 'T' indicates the second half. The student takes two quarters to complete a quarter's work and does not receive full credit for the course until 'T' is completed. 'S' must be taken before 'T'.

#### SPAN 5  INTERMEDIATE SPANISH II  5 Units

Prerequisite: SPAN 4 or four years of high school Spanish.

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

Not Repeatable.

Further expansion of the reading and discussion of texts dealing with the literature, arts, geography, history and culture of the Spanish-speaking world. Review and further development of the grammatical structures of first-year Spanish with emphasis on building communicative competence and expanding concrete vocabulary about new topics, and idiomatic usage. Emphasis on past tenses and past subjunctive. Writing and reading assignments based upon topics discussed in class.

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPAN 005-01</td>
<td>LEC</td>
<td>5</td>
</tr>
<tr>
<td>SPAN 005-02</td>
<td>LEC</td>
<td>5</td>
</tr>
</tbody>
</table>

Courses listed with an 'S' suffix are the first half of the course. 'T' indicates the second half. The student takes two quarters to complete a quarter's work and does not receive full credit for the course until 'T' is completed. 'S' must be taken before 'T'.

#### SPAN 6  INTERMEDIATE SPANISH III  5 Units

Prerequisite: SPAN 5.

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPAN 006-01</td>
<td>LEC</td>
<td>5</td>
</tr>
<tr>
<td>SPAN 006-02</td>
<td>LEC</td>
<td>5</td>
</tr>
</tbody>
</table>

Courses listed with an 'S' suffix are the first half of the course. 'T' indicates the second half. The student takes two quarters to complete a quarter's work and does not receive full credit for the course until 'T' is completed. 'S' must be taken before 'T'.
## FALL QUARTER 2012 COURSES

<table>
<thead>
<tr>
<th>Course Number</th>
<th>CRN</th>
<th>Title</th>
<th>Units</th>
<th>Activity</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPAN 13A</td>
<td></td>
<td>INTERMEDIATE CONVERSATION I</td>
<td>4</td>
<td>LEC</td>
<td>10:00 AM-11:50 AM</td>
<td>TTh</td>
<td>COFFIN, ELVIRA</td>
<td>6502</td>
</tr>
<tr>
<td>SPAN 13B</td>
<td></td>
<td>INTERMEDIATE CONVERSATION II</td>
<td>4</td>
<td>LEC</td>
<td>06:00 PM-09:50 PM</td>
<td>W</td>
<td>CRESPO-MARTIN, PATRICIA</td>
<td>6409</td>
</tr>
<tr>
<td>SPAN 14A</td>
<td></td>
<td>ADVANCED CONVERSATION I</td>
<td>4</td>
<td>LEC</td>
<td>06:00 PM-09:50 PM</td>
<td>W</td>
<td>CRESPO-MARTIN, PATRICIA</td>
<td>6409</td>
</tr>
<tr>
<td>SPAN 14B</td>
<td></td>
<td>ADVANCED CONVERSATION II</td>
<td>4</td>
<td>LEC</td>
<td>06:00 PM-09:50 PM</td>
<td>W</td>
<td>CRESPO-MARTIN, PATRICIA</td>
<td>6409</td>
</tr>
</tbody>
</table>

**Special Education**

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

Listed below are classes for persons who are interested in exploring careers in the field of special education and disability. See also Adaptive Learning.

**SPED 50**  INTRODUCTION TO ADAPTIVE FITNESS TECHNIQUES  4 Units

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

Not Repeatable.

Designed to 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, programing for gait training, balance, and fitness as well as transfer techniques.

**SPED 66**  FUNCTIONAL ASPECTS OF ADAPTIVE FITNESS  4 Units

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

Not Repeatable.

Explores the fundamental theories of functional fitness. The course will differentiate between exercise for health, appearance and function. This course will help students identify chronic conditions and then formulate a functional exercise program. Case studies and sample exercise routines will be part of the student portfolio. The conditions addressed in this course will range from Arthritis to Parkinson Disease.

**SPED 61**  INTRODUCTION TO DISABILITIES  4 Units

Advisory: Eligibility for ENGL 1A; When offered as an online course, the student should be proficient with the use of a computer, internet, email and ETUDES.

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

Not Repeatable.

Overview of all major categories and characteristics of disabilities. Physical, Sensory, Developmental and Learning Disabilities discussed. Cultural/experiential aspects of disabilities from the perspectives of disabled individuals explored through readings and guest speakers. Contrasts disabled with non-disabled culture including cross-cultural perspectives of the disabled experience. Emphasis placed on recognition of strengths and abilities to provide strategies for instruction and accommodations.

**SPED 62**  PSYCHOLOGICAL ASPECTS OF DISABILITY  4 Units

Advisory: Eligibility for ENGL 1A; familiarity with the Internet & word processing.

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

Not Repeatable.

Psychological aspects of disability, including psychosocial, cultural, and physical considerations of disability and illness. Examines the effects of illness and disability on the individual, family, and society as a whole. Focuses on the historical and current perspectives on illness and disability, the interventions and resources available, and future trends in the field. Discussions include a wide range of disabilities.

---

Unless otherwise noted in the schedule, Fall Quarter 2012 classes run September 24 to December 14, 2012. 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 August 20. Course listing and footnote information may have significantly changed. For the most accurate, current course listings, always access the class schedule.

www.foothill.edu  80  Foothill College • Fall Quarter 2012
### Fall Quarter 2012 Courses

#### Theatre Arts

**Fine Arts & Communication**  
(650) 949-7262

<table>
<thead>
<tr>
<th>Course Number CRN</th>
<th>Course ID</th>
<th>Activity</th>
<th>Title</th>
<th>Units</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>21632</td>
<td>THTR-007.-01</td>
<td>LEC</td>
<td>INTRODUCTION TO DIRECTING</td>
<td>4</td>
<td>01:00 PM-03:50 PM</td>
<td>T</td>
<td>BERGMANN, JANIS</td>
<td>1001</td>
</tr>
<tr>
<td>20705</td>
<td>THTR-020A.-01</td>
<td>LEC</td>
<td>ACTING</td>
<td>4</td>
<td>10:00 AM-11:15 AM</td>
<td>MW</td>
<td>CAREY, MILISSA</td>
<td>1001</td>
</tr>
<tr>
<td>21627</td>
<td>THTR-031.-01</td>
<td>LEC</td>
<td>FUNDAMENTALS OF STAGE MANAGEMENT</td>
<td>2</td>
<td>01:00 PM-01:50 PM</td>
<td>MW</td>
<td>MC LEOD, BRUCE</td>
<td>3308</td>
</tr>
</tbody>
</table>

**THTR 21A**  
SCENERY & PROPERTY CONSTRUCTION  
3 Units  
Advisory: Not open to students with credit in DRAM 21A.  
Corequisites: THTR 21, 21B.  
6 hours lecture-laboratory. (72 total hours per quarter.)  
Not Repeatable.  
Practical experience in creating and using scenery and properties for departmental presentations. Safe use of basic hand and power tools used in the construction of scenery and properties for the stage.  
20584 THTR-021A-01  
LEC 01:30 PM-04:20 PM  
TTh  
MC LEOD, BRUCE  
8002

**THTR 21B**  
INTERMEDIATE SCENERY & PROPERTY CONSTRUCTION  
3 Units  
Advisory: Not open to students with credit in DRAM 21B.  
6 hours lecture-laboratory. (72 total hours per quarter.)  
May be taken four times for credit.  
Continuation of THTR 21A. Practical experience in creating and using scenery and properties for departmental presentations. Safe use of tools, materials, rigging and construction techniques used in the construction of scenery and properties for the stage.  
20585 THTR-021B-01Q  
LEC 01:30 PM-04:20 PM  
TTh  
MC LEOD, BRUCE  
8002

**THTR 21C**  
ADVANCED SCENERY & PROPERTIES CONSTRUCTION  
3 Units  
Advisory: THTR 21B.  
6 hours lecture-laboratory. (72 total hours per quarter.)  
May be taken six times for credit.  
Continuation of THTR 21C. Practical experience in creating and using scenery and properties for departmental presentations. Safe use of tools, materials, rigging and construction techniques used in the construction of scenery and properties for the stage.  
20586 THTR-021C-01Q  
LEC 01:30 PM-04:20 PM  
TTh  
MC LEOD, BRUCE  
8002

**THTR 31**  
FUNDAMENTALS OF STAGE MANAGEMENT  
2 Units  
**Formerly:** THTR 71  
Advisory: THTR 20A or concurrent enrollment in THTR 21A, 21B, or 21C; not open to students with credit in DRAM 71, 71T, or 71X.  
2 hours lecture. (24 total hours per quarter.)  
Not Repeatable.  
Practical experience in creating and using scenery and properties for departmental presentations. Safe use of tools, materials, rigging and construction techniques used in the construction of scenery and properties for the stage.  
20587 THTR-021C-01Q  
LEC 01:30 PM-04:20 PM  
TTh  
MC LEOD, BRUCE  
8002

**THTR 33**  
ACTOR’S WORKSHOP  
3 Units  
**Formerly:** THTR 54  
Advisory: THTR 20C or 43C.  
2 hours lecture, 2 hours lecture-laboratory. (48 total hours per quarter.)  
May be taken six times for credit.  
Further development of concepts introduced in THTR 20A, 20B and 20C through incorporating extensive participation in the performance of selected scenes from plays of various types and periods or advanced improvisational techniques.  
21631 THTR-033.-01 | LEC 06:30 PM-08:20 PM | M | BERGMANN, JANIS | 1501 |
| L-L 08:30 PM-10:20 PM | M | BERGMANN, JANIS | 1501 |
### Fall Quarter 2012 Courses

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>THTR 43B</td>
<td>Contemporary Methodologies in Acting</td>
<td>4</td>
</tr>
<tr>
<td>THTR 46A</td>
<td>Production Projects in Theatre</td>
<td>2</td>
</tr>
<tr>
<td>THTR 46B</td>
<td>Leadership &amp; Organization for Production</td>
<td>2</td>
</tr>
<tr>
<td>THTR 49Y</td>
<td>Rehearsal &amp; Performance</td>
<td>6</td>
</tr>
<tr>
<td>THTR 99X</td>
<td>Theatre Workshop</td>
<td>6</td>
</tr>
</tbody>
</table>

#### THTR 43B: Contemporary Methodologies in Acting
Advisory: Instructor approval based on audition/interview.
Corequisite: Completion of or concurrent enrollment in THTR 81.
3 hours lecture, 3 hours laboratory. (72 total hours per quarter.)
May be taken two times for credit.
A deepened exploration of the craft of the experienced actor. The focus of the class is to enable the actor to have a more in the moment experience of acting through improvisational work and exposure to the “Trigger Approach” and/or similar acting methodologies in combination with scene work. The goal in turn is to reduce anticipation and fear, deepen and expand character exploration, enhance ability to listen and connect with others on stage, and ultimately create more spontaneous, rich and interesting performances.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course ID</th>
<th>Activity</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>21633</td>
<td>THTR-043B-01</td>
<td>LEC</td>
<td>03:30 PM-05:20 PM</td>
<td>M</td>
<td>BERGMANN, JANIS</td>
<td>1001</td>
</tr>
<tr>
<td>21633</td>
<td>THTR-043B-01</td>
<td>LEC</td>
<td>02:00 PM-02:50 PM</td>
<td>W</td>
<td>BERGMANN, JANIS</td>
<td>1001</td>
</tr>
<tr>
<td>21633</td>
<td>THTR-043B-01</td>
<td>LAB</td>
<td>03:00 PM-05:50 PM</td>
<td>M</td>
<td>BERGMANN, JANIS</td>
<td>1001</td>
</tr>
</tbody>
</table>

#### THTR 46A: Production Projects in Theatre
Formerly: THTR 50
1 hour lecture, 1 hour lecture-laboratory, 2 hours laboratory. (48 total hours per quarter.)
May be taken six times for credit.
This course teaches the full development of an organic, original production from inception to performance. Under the guidance and supervision of the instructor who initiates the process, students will be entirely charged to produce a full-length production consisting of several student-generated short plays. Student responsibilities will extend to the areas of writing, acting, directing, lighting design, costume design, scenery and properties design, sound design, make-up and design publicity. The quarter culminates with several public performances.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course ID</th>
<th>Activity</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>21666</td>
<td>THTR-046A-01</td>
<td>LEC</td>
<td>11:00 AM-11:50 AM</td>
<td>M</td>
<td>BERGMANN, JANIS</td>
<td>8002</td>
</tr>
<tr>
<td>21666</td>
<td>THTR-046A-01</td>
<td>L-L</td>
<td>11:00 AM-11:50 AM</td>
<td>W</td>
<td>BERGMANN, JANIS</td>
<td>8002</td>
</tr>
<tr>
<td>21666</td>
<td>THTR-046A-01</td>
<td>LAB</td>
<td>12:00 PM-12:50 PM</td>
<td>MW</td>
<td>BERGMANN, JANIS</td>
<td>8002</td>
</tr>
</tbody>
</table>

#### THTR 46B: Leadership & Organization for Production
Formerly: THTR 50B
Prerequisite: THTR 46A.
1 hour lecture, 1 hour lecture-laboratory, 2 hours laboratory. (48 total hours per quarter.)
May be taken six times for credit.
This course teaches the necessary leadership and organizational skills for the full development of an organic, original production from inception to performance. Advanced students will take charge in producing a full-length production consisting of several student-generated short plays. Student responsibilities will extend to the areas of group coordination and organization in writing, acting, directing, lighting design, costume design, scenery and properties design, sound design, stage management and technical responsibilities, make-up design and publicity. The quarter culminates with several public performances.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course ID</th>
<th>Activity</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>21669</td>
<td>THTR-046B-010</td>
<td>LEC</td>
<td>11:00 AM-11:50 AM</td>
<td>M</td>
<td>BERGMANN, JANIS</td>
<td>8002</td>
</tr>
<tr>
<td>21669</td>
<td>THTR-046B-010</td>
<td>L-L</td>
<td>11:00 AM-11:50 AM</td>
<td>W</td>
<td>BERGMANN, JANIS</td>
<td>8002</td>
</tr>
<tr>
<td>21669</td>
<td>THTR-046B-010</td>
<td>LAB</td>
<td>12:00 PM-12:50 PM</td>
<td>MW</td>
<td>BERGMANN, JANIS</td>
<td>8002</td>
</tr>
</tbody>
</table>

#### THTR 49Y: Rehearsal & Performance
Advisory: Not open to students with credit in DRAM 49Y.
6 hours lecture-laboratory, 9 hours laboratory. (180 total hours per quarter.)
May be taken six times for credit.
Supervised participation in scheduled productions of the Theatre Arts Department, in cast or crew. Enrollment in each course is for the duration of the production. Enrollment is limited to six times within the THTR 49 group.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course ID</th>
<th>Activity</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>20910</td>
<td>THTR-049Y-01</td>
<td>TBA</td>
<td>TBA</td>
<td>TBA</td>
<td>MC LEOD, BRUCE</td>
<td>TBA</td>
</tr>
</tbody>
</table>

#### THTR 99X: Theatre Workshop
Advisory: Pass/No Pass; course may be subject to instructor approval or audition; enrollment is limited to six times within the THTR 99 group.
3 hours lecture-laboratory, 13.5 hours laboratory. (198 total hours per quarter.)
May be taken six times for credit.
A laboratory course in stage production, culminating in a practical theatre production. Areas of study and investigation include acting voice and diction, movement, dance, theatre styles, stage management and stage crafts. Culminates in a full-scale production performed for a public audience.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course ID</th>
<th>Activity</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>21682</td>
<td>THTR-099X-01Q</td>
<td>TBA</td>
<td>TBA</td>
<td>TBA</td>
<td>MC LEOD, BRUCE</td>
<td>TBA</td>
</tr>
</tbody>
</table>

### Veterinary Technology

<table>
<thead>
<tr>
<th>Bachelor of Science in Veterinary Technology</th>
<th>Fall Quarter 2012 Courses</th>
<th>1 Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Veterinary Technology</td>
<td>Fall Quarter 2012 Courses</td>
<td>1 Unit</td>
</tr>
</tbody>
</table>

VETERINARY TECHNOLOGY

Biological & Health Sciences
(650) 949-7518
www.foothill.edu/bio/program/vettech/

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

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course ID</th>
<th>Activity</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>V T 51</td>
<td>Introduction to Veterinary Technology</td>
<td>1 hour lecture, 2 hours lecture-laboratory. (36 total hours per quarter.)</td>
<td>1 Hour Lecture</td>
<td>2 Hours Lecture-Laboratory</td>
<td>36 Total Hours Per Quarter</td>
<td></td>
</tr>
</tbody>
</table>
### Fall Quarter 2012 Courses

<table>
<thead>
<tr>
<th>Course Number CRN</th>
<th>Course ID Activity</th>
<th>Title Time</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>V T 53A-01</td>
<td>L-L</td>
<td>MEDICAL TERMINOLOGY</td>
<td>1 Unit</td>
<td>GREGORY, SANDRA 8507</td>
</tr>
<tr>
<td>V T 53A-01</td>
<td>L-L</td>
<td>INTRODUCTION TO SWINE HEALTH MANAGEMENT</td>
<td>2 Units</td>
<td>GREGORY, SANDRA 8507</td>
</tr>
<tr>
<td>V T 54A-01</td>
<td>L-L</td>
<td>COMPARATIVE VETERINARY ANATOMY &amp; PHYSIOLOGY FOR THE VETERINARY TECHNICIAN</td>
<td>5 Units</td>
<td>GREGORY, SANDRA 8507</td>
</tr>
<tr>
<td>V T 55A-01</td>
<td>L-L</td>
<td>ANIMAL MANAGEMENT &amp; CLINICAL SKILLS I</td>
<td>4 Units</td>
<td>GREGORY, SANDRA 8507</td>
</tr>
<tr>
<td>V T 56A-01</td>
<td>L-L</td>
<td>ANIMAL MANAGEMENT &amp; CLINICAL SKILLS II</td>
<td>4 Units</td>
<td>GREGORY, SANDRA 8507</td>
</tr>
<tr>
<td>V T 61A-01</td>
<td>L-L</td>
<td>ANIMAL MANEUVERING &amp; COMMUNICATION SKILLS</td>
<td>4 Units</td>
<td>GREGORY, SANDRA 8507</td>
</tr>
<tr>
<td>V T 62A-01</td>
<td>L-L</td>
<td>ANIMAL Rearing &amp; Fitness</td>
<td>4 Units</td>
<td>GREGORY, SANDRA 8507</td>
</tr>
<tr>
<td>V T 63A-01</td>
<td>L-L</td>
<td>ANIMAL REARING &amp; MANAGEMENT</td>
<td>4 Units</td>
<td>GREGORY, SANDRA 8507</td>
</tr>
<tr>
<td>V T 64A-01</td>
<td>L-L</td>
<td>ANIMAL TRANSPORTATION</td>
<td>4 Units</td>
<td>GREGORY, SANDRA 8507</td>
</tr>
<tr>
<td>V T 65A-01</td>
<td>L-L</td>
<td>CLINICAL PATHOLOGY METHODS</td>
<td>5 Units</td>
<td>GREGORY, SANDRA 8507</td>
</tr>
<tr>
<td>V T 66A-01</td>
<td>L-L</td>
<td>CLINICAL PATHOLOGY METHODS</td>
<td>5 Units</td>
<td>GREGORY, SANDRA 8507</td>
</tr>
<tr>
<td>V T 67A-01</td>
<td>L-L</td>
<td>CLINICAL PATHOLOGY METHODS</td>
<td>5 Units</td>
<td>GREGORY, SANDRA 8507</td>
</tr>
<tr>
<td>V T 68A-01</td>
<td>L-L</td>
<td>CLINICAL PATHOLOGY METHODS</td>
<td>5 Units</td>
<td>GREGORY, SANDRA 8507</td>
</tr>
<tr>
<td>V T 69A-01</td>
<td>L-L</td>
<td>CLINICAL PATHOLOGY METHODS</td>
<td>5 Units</td>
<td>GREGORY, SANDRA 8507</td>
</tr>
<tr>
<td>V T 70A-01</td>
<td>L-L</td>
<td>CLINICAL PATHOLOGY METHODS</td>
<td>5 Units</td>
<td>GREGORY, SANDRA 8507</td>
</tr>
<tr>
<td>V T 71A-01</td>
<td>L-L</td>
<td>CLINICAL PATHOLOGY METHODS</td>
<td>5 Units</td>
<td>GREGORY, SANDRA 8507</td>
</tr>
<tr>
<td>V T 72A-01</td>
<td>L-L</td>
<td>CLINICAL PATHOLOGY METHODS</td>
<td>5 Units</td>
<td>GREGORY, SANDRA 8507</td>
</tr>
<tr>
<td>V T 73A-01</td>
<td>L-L</td>
<td>CLINICAL PATHOLOGY METHODS</td>
<td>5 Units</td>
<td>GREGORY, SANDRA 8507</td>
</tr>
<tr>
<td>V T 74A-01</td>
<td>L-L</td>
<td>CLINICAL PATHOLOGY METHODS</td>
<td>5 Units</td>
<td>GREGORY, SANDRA 8507</td>
</tr>
<tr>
<td>V T 75A-01</td>
<td>L-L</td>
<td>CLINICAL PATHOLOGY METHODS</td>
<td>5 Units</td>
<td>GREGORY, SANDRA 8507</td>
</tr>
<tr>
<td>V T 76A-01</td>
<td>L-L</td>
<td>CLINICAL PATHOLOGY METHODS</td>
<td>5 Units</td>
<td>GREGORY, SANDRA 8507</td>
</tr>
<tr>
<td>V T 77A-01</td>
<td>L-L</td>
<td>CLINICAL PATHOLOGY METHODS</td>
<td>5 Units</td>
<td>GREGORY, SANDRA 8507</td>
</tr>
<tr>
<td>V T 78A-01</td>
<td>L-L</td>
<td>CLINICAL PATHOLOGY METHODS</td>
<td>5 Units</td>
<td>GREGORY, SANDRA 8507</td>
</tr>
<tr>
<td>V T 79A-01</td>
<td>L-L</td>
<td>CLINICAL PATHOLOGY METHODS</td>
<td>5 Units</td>
<td>GREGORY, SANDRA 8507</td>
</tr>
<tr>
<td>V T 80A-01</td>
<td>L-L</td>
<td>CLINICAL PATHOLOGY METHODS</td>
<td>5 Units</td>
<td>GREGORY, SANDRA 8507</td>
</tr>
<tr>
<td>V T 81A-01</td>
<td>L-L</td>
<td>CLINICAL PATHOLOGY METHODS</td>
<td>5 Units</td>
<td>GREGORY, SANDRA 8507</td>
</tr>
<tr>
<td>V T 82A-01</td>
<td>L-L</td>
<td>CLINICAL PATHOLOGY METHODS</td>
<td>5 Units</td>
<td>GREGORY, SANDRA 8507</td>
</tr>
<tr>
<td>V T 83A-01</td>
<td>L-L</td>
<td>CLINICAL PATHOLOGY METHODS</td>
<td>5 Units</td>
<td>GREGORY, SANDRA 8507</td>
</tr>
<tr>
<td>V T 84A-01</td>
<td>L-L</td>
<td>CLINICAL PATHOLOGY METHODS</td>
<td>5 Units</td>
<td>GREGORY, SANDRA 8507</td>
</tr>
<tr>
<td>V T 85A-01</td>
<td>L-L</td>
<td>CLINICAL PATHOLOGY METHODS</td>
<td>5 Units</td>
<td>GREGORY, SANDRA 8507</td>
</tr>
<tr>
<td>V T 86A-01</td>
<td>L-L</td>
<td>CLINICAL PATHOLOGY METHODS</td>
<td>5 Units</td>
<td>GREGORY, SANDRA 8507</td>
</tr>
<tr>
<td>V T 87A-01</td>
<td>L-L</td>
<td>CLINICAL PATHOLOGY METHODS</td>
<td>5 Units</td>
<td>GREGORY, SANDRA 8507</td>
</tr>
<tr>
<td>V T 88A-01</td>
<td>L-L</td>
<td>CLINICAL PATHOLOGY METHODS</td>
<td>5 Units</td>
<td>GREGORY, SANDRA 8507</td>
</tr>
<tr>
<td>V T 89A-01</td>
<td>L-L</td>
<td>CLINICAL PATHOLOGY METHODS</td>
<td>5 Units</td>
<td>GREGORY, SANDRA 8507</td>
</tr>
<tr>
<td>V T 90A-01</td>
<td>L-L</td>
<td>CLINICAL PATHOLOGY METHODS</td>
<td>5 Units</td>
<td>GREGORY, SANDRA 8507</td>
</tr>
<tr>
<td>V T 91A-01</td>
<td>L-L</td>
<td>CLINICAL PATHOLOGY METHODS</td>
<td>5 Units</td>
<td>GREGORY, SANDRA 8507</td>
</tr>
<tr>
<td>V T 92A-01</td>
<td>L-L</td>
<td>CLINICAL PATHOLOGY METHODS</td>
<td>5 Units</td>
<td>GREGORY, SANDRA 8507</td>
</tr>
<tr>
<td>V T 93A-01</td>
<td>L-L</td>
<td>CLINICAL PATHOLOGY METHODS</td>
<td>5 Units</td>
<td>GREGORY, SANDRA 8507</td>
</tr>
<tr>
<td>V T 94A-01</td>
<td>L-L</td>
<td>CLINICAL PATHOLOGY METHODS</td>
<td>5 Units</td>
<td>GREGORY, SANDRA 8507</td>
</tr>
<tr>
<td>V T 95A-01</td>
<td>L-L</td>
<td>CLINICAL PATHOLOGY METHODS</td>
<td>5 Units</td>
<td>GREGORY, SANDRA 8507</td>
</tr>
<tr>
<td>V T 96A-01</td>
<td>L-L</td>
<td>CLINICAL PATHOLOGY METHODS</td>
<td>5 Units</td>
<td>GREGORY, SANDRA 8507</td>
</tr>
<tr>
<td>V T 97A-01</td>
<td>L-L</td>
<td>CLINICAL PATHOLOGY METHODS</td>
<td>5 Units</td>
<td>GREGORY, SANDRA 8507</td>
</tr>
<tr>
<td>V T 98A-01</td>
<td>L-L</td>
<td>CLINICAL PATHOLOGY METHODS</td>
<td>5 Units</td>
<td>GREGORY, SANDRA 8507</td>
</tr>
<tr>
<td>V T 99A-01</td>
<td>L-L</td>
<td>CLINICAL PATHOLOGY METHODS</td>
<td>5 Units</td>
<td>GREGORY, SANDRA 8507</td>
</tr>
</tbody>
</table>

Unless otherwise noted in the schedule, Fall Quarter 2012 classes run September 24 to December 14, 2012. 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 August 20. Course listing and footnote information may have significantly changed. For the most accurate, current course listings, always access the class schedule.
### Fall Quarter 2012 Courses

#### Course List

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course ID</th>
<th>Activity</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>20597</td>
<td>V 001-01</td>
<td>LEC</td>
<td>Introduction to Film Studies</td>
<td>4</td>
</tr>
<tr>
<td>20598</td>
<td>V 087A-01</td>
<td>LAB</td>
<td>Advanced Animal Care Skills I</td>
<td>1</td>
</tr>
<tr>
<td>20599</td>
<td>V 002A-01</td>
<td>LEC</td>
<td>History of Film 1895-1945</td>
<td>4</td>
</tr>
<tr>
<td>20600</td>
<td>V 002B-01</td>
<td>LEC</td>
<td>History of Film 1945-CURRENT</td>
<td>4</td>
</tr>
<tr>
<td>20601</td>
<td>V 003-01</td>
<td>LEC</td>
<td>American Cinema</td>
<td>4</td>
</tr>
<tr>
<td>20751</td>
<td>V 091-01</td>
<td>LAB</td>
<td>Clinical Internship II</td>
<td>3</td>
</tr>
<tr>
<td>21714</td>
<td>V 030-01</td>
<td>LEC</td>
<td>Digital Video Editing</td>
<td>4</td>
</tr>
</tbody>
</table>

#### Prerequisites
- Admission to the Veterinary Technology Program.
- Basic instruction on the use of the computer for video and film editing using AVID Media Composer and/or Final Cut Pro software.
- Not Repeatable.

#### Description
- Survey of the language, technology, theory and aesthetics of the moving image as an art form.
- Critical analysis of film as an art form with emphasis on film evolution from the 1940s to the present.
- 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.
- Survey of the development of motion pictures from beginning to the 1940s. Emphasis on understanding evolution of international filmmaking.
- Practical application of animal care skills and principles of animal care and management, integrating advanced techniques and knowledge gained through classroom instruction. Opportunity to participate in the health care team in a supervisory role with increased organizational responsibility. Emphasis on instruction of first-year students in basic principles of facilities management and maintenance care of resident animals.
- Practical application of knowledge, skills, and attitudes acquired in the concurrent second year program course work: patient assessment skills, animal restraint, administration of medication and sample collection; assisting in radiology, clinical pathology, anesthesiology and common clinical procedures.
- A survey of the language, technology, theory and aesthetics of the moving image as an art form.
- Basic instruction on the use of the computer for video and film editing using AVID Media Composer and/or Final Cut Pro software.
- Not Repeatable.

#### Additional Information
- Evening classes are shaded.
- 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 August 20. Course listing and footnote information may have significantly changed. For the most accurate, current course listings, always access the class schedules.

---

**Video Arts**

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

---

Unless otherwise noted in the schedule, Fall Quarter 2012 classes run September 24 to December 14, 2012. 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 August 20. Course listing and footnote information may have significantly changed. For the most accurate, current course listings, always access the class schedules.
<table>
<thead>
<tr>
<th>Course Number</th>
<th>Title</th>
<th>Units</th>
<th>CRN</th>
<th>Course ID</th>
<th>Activity</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>VART-030.-01W</td>
<td>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.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>VART 51</td>
<td>WEB VIDEO</td>
<td>4</td>
<td>21629</td>
<td>VART-051.-01W</td>
<td>LEC</td>
<td>TBA</td>
<td>TBA</td>
<td>WARD, ROBERT</td>
<td>ONLINE</td>
</tr>
<tr>
<td>▶</td>
<td>VART-051.-01W</td>
<td>LAB</td>
<td>TBA</td>
<td>TBA</td>
<td>WARD, ROBERT</td>
<td>ONLINE</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>WMN 5</td>
<td>INTRODUCTION TO WOMEN’S STUDIES</td>
<td>4</td>
<td>20605</td>
<td>WMN-005.-01</td>
<td>LEC</td>
<td>01:00 PM-02:50 PM</td>
<td>MW</td>
<td>PLATTS, GEORGIA</td>
<td>3404</td>
</tr>
<tr>
<td>▶</td>
<td>WMN-005.-02W</td>
<td>LEC</td>
<td>TBA</td>
<td>TBA</td>
<td>DAVISON, DOLORES</td>
<td>ONLINE</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>WMN 36</td>
<td>SPECIAL PROJECTS IN WOMEN’S STUDIES</td>
<td>1</td>
<td>20607</td>
<td>WMN-036.-01</td>
<td>LEC</td>
<td>TBA</td>
<td>TBA</td>
<td>DAVISON, DOLORES</td>
<td>TBA</td>
</tr>
</tbody>
</table>

Unless otherwise noted in the schedule, Fall Quarter 2012 classes run September 24 to December 14, 2012. 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 August 20. Course listing and footnote information may have significantly changed. For the most accurate, current course listings, always access the class schedule.

www.foothill.edu