

FALL QUARTER 2013 SCHEDULE OF CLASSES



FOOTHILL COLLEGE

www.foothill.edu

Upgrade. Advance.

◆ = Middlefield Campus class

✓ = Online or Hybrid class

● = Off-Campus class

Evening classes are shaded.

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

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

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

ACTG 1A FINANCIAL ACCOUNTING I 5 Units

Advisory: Eligibility for MATH 220 and ESLL 26.

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

Not Repeatable.

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

20516	ACTG-001A-01Y	LEC 08:00 AM-09:50 AM	MW	PONLEITHNER	3401	
✓		LEC TBA	TBA	PONLEITHNER	ONLINE	
	<i>ACTG-001A-01Y: Hybrid class: one weekly TBA hour via online instruction.</i>					
20830	ACTG-001A-02W	LEC TBA	TBA	DRAKE	ONLINE	
✓	<i>ACTG-001A-02W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.</i>					
20001	ACTG-001A-03Y	LEC 10:00 AM-11:50 AM	MW	DRAKE	3201	
✓		LEC TBA	TBA	DRAKE	ONLINE	
	<i>ACTG-001A-03Y: Hybrid class: one weekly TBA hour via online instruction.</i>					
20002	ACTG-001A-04Y	LEC 10:00 AM-11:50 AM	TTh	SEYEDIN	3206	
✓		LEC TBA	TBA	SEYEDIN	ONLINE	
	<i>ACTG-001A-04Y: Hybrid class: one weekly TBA hour via online instruction.</i>					
20003	ACTG-001A-05	LEC 01:00 PM-03:15 PM	TTh	SEYEDIN	3206	
	20004	ACTG-001A-06	LEC 06:00 PM-08:15 PM	TTh	PONLEITHNER	3206
✓	20005	ACTG-001A-07W	LEC TBA	SEYEDIN	ONLINE	
	<i>ACTG-001A-07W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.</i>					
✓	20006	ACTG-001A-08W	LEC TBA	TBA	SEYEDIN	ONLINE
	<i>ACTG-001A-08W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.</i>					
✓	20007	ACTG-001A-09W	LEC TBA	TBA	SEYEDIN	ONLINE
	<i>ACTG-001A-09W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.</i>					
✓	21296	ACTG-001A-10W	LEC TBA	TBA	DRAKE	ONLINE
	<i>ACTG-001A-10W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.</i>					

ACTG 1B FINANCIAL ACCOUNTING II 5 Units

Prerequisite: ACTG 1A.

Advisory: Eligibility for MATH 220 and ESLL 26.

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

Not Repeatable.

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

20008	ACTG-001B-01Y	LEC 10:00 AM-11:50 AM	TTh	DRAKE	3201	
✓		LEC TBA	TBA	DRAKE	ONLINE	
	<i>ACTG-001B-01Y: Hybrid class: one weekly TBA hour via online instruction.</i>					
20009	ACTG-001B-02Y	LEC 10:00 AM-11:50 AM	MW	TORRETTO	3206	
✓		LEC TBA	TBA	TORRETTO	ONLINE	
	<i>ACTG-001B-02Y: Hybrid class: one weekly TBA hour via online instruction.</i>					
✓	20010	ACTG-001B-03W	LEC TBA	TBA	NAVA	ONLINE
	<i>ACTG-001B-03W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.</i>					
✓	20011	ACTG-001B-04W	LEC TBA	TBA	NAVA	ONLINE
	<i>ACTG-001B-04W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.</i>					
✓	20726	ACTG-001B-07W	LEC TBA	TBA	NAVA	ONLINE
	<i>ACTG-001B-07W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.</i>					

ACTG 1C MANAGERIAL ACCOUNTING 5 Units

Prerequisite: ACTG 1A.

Advisory: MATH 10 or high school algebra.

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

Not Repeatable.

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

20012	ACTG-001C-01Y	LEC 10:00 AM-11:50 AM	TTh	TORRETTO	3204	
✓		LEC TBA	TBA	TORRETTO	ONLINE	
	<i>ACTG-001C-01Y: Hybrid class: one weekly TBA hour via online instruction.</i>					
✓	20013	ACTG-001C-02W	LEC TBA	TBA	NAVA	ONLINE
	<i>ACTG-001C-02W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.</i>					
20626	ACTG-001C-03	LEC 01:00 PM-03:15 PM	MW	TORRETTO	3203	
✓	20890	ACTG-001C-04W	LEC TBA	TBA	NAVA	ONLINE
	<i>ACTG-001C-04W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.</i>					

ACTG 51A INTERMEDIATE ACCOUNTING I 4 Units

Prerequisite: ACTG 1B.

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

Not Repeatable.

Review of financial accounting standards, accounting information processing systems and the resulting financial statements. Selected topics related to present value applications, valuation techniques, and revenue recognition. Also covered, accounting for cash, receivables, and inventory.

✓	20014	ACTG-051A-01W	LEC TBA	TBA	FAKOOR	ONLINE
	<i>ACTG-051A-01W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.</i>					

ACTG 52 ADVANCED ACCOUNTING 5 Units

Prerequisite: ACTG 51A

Advisory: Eligibility for MATH 220 and ESLL 26.

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

Not Repeatable.

Presents financial accounting theories and practices related to business combinations and consolidated financial reporting. This includes the development of complex business structures and forms of business combinations; consolidated financial reporting for intercorporate acquisitions and operations; and the accounting for transactions of affiliated companies. Also includes accounting and reporting issues in the multinational business environment. Accounting theory and practice related to the formation, operation and liquidation of partnerships is covered.

✓	21635	ACTG-052-01W	LEC TBA	TBA	CERVANTES	ONLINE
	<i>ACTG-052-01W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.</i>					

ACTG 53 FINANCIAL STATEMENT ANALYSIS 5 Units

Prerequisite: ACTG 1B.

Advisory: ACTG 51A, MATH 220 and ESLL 26.

5 Hours Lecture. (60 total hours per quarter.)

Not Repeatable.

In this course, the student will develop a set of core skills essential to financial statement analysis. It will cover strategic ratio analysis, cash flow analysis, forecasting, proforma financial statements, and firm valuation using discounted cash flow and residual income techniques. The course emphasizes the practical application of the material using a combination of lecture and hands-on examples.

✓	21636	ACTG-053-01W	LEC TBA	TBA	BENSON	ONLINE
	<i>ACTG-053-01W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.</i>					

ACTG 58 AUDITING 5 Units

Prerequisite: ACTG 51A.

Advisory: Eligibility for MATH 220 and ESLL 26.

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

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Not Repeatable.				
Study of the contemporary auditing environment, auditing profession, and the principle, and practices of financial statement audit. Topics include auditing, attestation and assurance services, Generally Accepted Auditing Standards (GAAS), attestation standards, professional ethics, Sarbanes-Oxley Act 2002 regulatory requirements, internal controls and audit risk, audit planning, procedures, evidence, documentation and report writing.				
✓ 20628 ACTG-058.-01W	LEC TBA	TBA	BOWMAN	ONLINE
ACTG-058.-01W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.				
✓ 21637 ACTG-058.-02W	LEC TBA	TBA	ARDIZZONE	ONLINE
ACTG-058.-02W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.				
ACTG 59 FRAUD EXAMINATION		5 Units		
Prerequisite: ACTG 51A.				
Advisory: Eligibility for MATH 220 and ESLL 26.				
5 hours lecture. (60 total hours per quarter.)				
Not Repeatable.				
This course covers important topics associated with modern forensic accounting and fraud examination. Topics include an examination of the various types of occupational fraud, as well as the techniques to prevent and detect fraud in organizations. In addition, students will learn principals of fraud examination including who and why individuals commit fraud.				
✓ 20912 ACTG-059.-01W	LEC TBA	TBA	BOWMAN	ONLINE
ACTG-059.-01W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.				
ACTG 60 ACCOUNTING FOR SMALL BUSINESS		5 Units		
Advisory: Eligibility for MATH 220 and ESLL 26.				
5 hours lecture. (60 total hours per quarter.)				
Not Repeatable.				
Pre-professional accounting course introducing the theory of double-entry bookkeeping/ accounting. Emphasis on basic accounting cycle, elementary accounting principles and procedures, and financial records.				
✓ 20015 ACTG-060.-01W	LEC TBA	TBA	GHODRAT	ONLINE
ACTG-060.-01W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.				
✓ 21633 ACTG-060.-02W	LEC TBA	TBA	GHODRAT	ONLINE
ACTG-060.-02W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.				
ACTG 64A COMPUTERIZED ACCOUNTING PRACTICE USING QUICKBOOKS		2 Units		
Prerequisite: ACTG 1A or equivalent experience.				
Advisory: Not open to students with credit in CIS 64A.				
4 hours lecture-laboratory. (48 total hours per quarter.)				
Not Repeatable.				
Focus on using QuickBooks to record financial data. Reviewing the accounting cycle, processing business transactions and preparing financial statements.				
✓ 20831 ACTG-064A-01W	LEC TBA LAB TBA	TBA TBA	GOPAL GOPAL	ONLINE ONLINE
ACTG-064A-01W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.				
ACTG 64B COMPUTERIZED ACCOUNTING PRACTICE USING EXCEL		2 Units		
Prerequisite: ACTG 1B or equivalent experience.				
Advisory: Not open to students with credit in CIS 64B.				
4 hours lecture-laboratory. (48 total hours per quarter.)				
Not Repeatable.				
Practice in using an electronic spreadsheet program to organize and process financial and managerial accounting data. Includes research on the Internet.				
✓ 20627 ACTG-064B-01W	LEC TBA LAB TBA	TBA TBA	GOPAL GOPAL	ONLINE ONLINE

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ACTG-064B-01W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.				
ACTG 65 PAYROLL & BUSINESS TAX ACCOUNTING		4 Units		
Prerequisite: ACTG 1A.				
Advisory: Eligibility for MATH 220 and ESLL 26.				
4 hours lecture. (48 total hours per quarter.)				
Not Repeatable.				
Presentation of basic payroll procedures used in business today. Provides practice in recording procedures and preparation of tax returns.				
✓ 20016 ACTG-065.-01W	LEC TBA	TBA	GLASS	ONLINE
ACTG-065.-01W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.				
✓ 20891 ACTG-065.-02W	LEC TBA	TBA	GLASS	ONLINE
ACTG-065.-02W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.				
ACTG 66 COST ACCOUNTING		5 Units		
Prerequisite: ACTG 1C or equivalent experience.				
Advisory: Eligibility for MATH 220 and ESLL 26.				
5 hours lecture. (60 total hours per quarter.)				
Not Repeatable.				
Fundamentals of activity-based costing, job-order, process cost, and standard cost accounting systems.				
✓ 20017 ACTG-066.-01W	LEC TBA	TBA	NAVA	ONLINE
ACTG-066.-01W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.				
ACTG 67 TAX ACCOUNTING		5 Units		
Advisory: Eligibility for MATH 220 and ESLL 26.				
5 hours lecture. (60 total hours per quarter.)				
Not Repeatable.				
Current Federal and California Income Tax Law as it relates to individuals, emphasizing practical application, tax planning and tax form preparation.				
✓ 20018 ACTG-067.-02W	LEC TBA	TBA	MAYER	ONLINE
ACTG-067.-02W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin. This course is a Qualifying Education Contact Course authorized by the California Tax Education Council (CTEC).				
✓ 20019 ACTG-067.-03W	LEC TBA	TBA	NOVIKOV	ONLINE
ACTG-067.-03W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin. This course is a Qualifying Education Contact Course authorized by the California Tax Education Council (CTEC).				
ACTG 68A ADVANCED TAX ACCOUNTING I		4 Units		
Prerequisite: ACTG 67.				
Advisory: Eligibility for MATH 220 and ESLL 26.				
4 hours lecture. (48 total hours per quarter.)				
Not Repeatable.				
Current federal income tax law as it relates to sole proprietorship and partnership.				
✓ 20020 ACTG-068A-01W	LEC TBA	TBA	NOVIKOV	ONLINE
ACTG-068A-01W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.				
ACTG 75 ACCOUNTING FOR GOVERNMENT & NOT-FOR-PROFIT		5 Units		
Prerequisite: ACTG 1B.				
Advisory: Eligibility for MATH 220 and ESLL 26.				
5 hours lecture. (60 total hours per quarter.)				
Not Repeatable.				
Study of governmental and not-for-profit accounting. Topics include financial reporting; federal, state and local government accounting; budgetary accounting; general and special revenue funds; proprietary funds; trust and agency funds; fixed assets and long term debt; and nonprofit accounting for entities such as public colleges, universities and				

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health care providers.

✓ 20631 ACTG-075-01W LEC TBA TBA GLASS ONLINE
ACTG-075-01W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.

ACTG 76 ETHICS IN ACCOUNTING 5 Units

Prerequisite: ACTG 1A.

Advisory: Eligibility for MATH 220 and ESLL 26.

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

Not Repeatable.

Study of professional ethics for accounting from a business perspective in context of financial statement frauds such as Enron. Topics include nature of accounting, ethical behavior in accounting, ethical theory, rules of the code of conduct, ethics of tax accounting and ethics of the auditing function.

✓ 21634 ACTG-076-01W LEC TBA TBA DRAKE ONLINE
ACTG-076-01W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.

ALLIED HEALTH SCIENCES

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

AHS 50 INTRODUCTION TO ALLIED HEALTH PROGRAMS 1 Unit

Prerequisite: Application and admission to an allied health program.

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

Not Repeatable.

Introduction to Foothill College Allied Health Programs for the incoming first year student. Overview of HIPAA and patient privacy, Academic Honor Code, student rights and responsibilities, strategies for student success, stress and time management, professionalism and ethical behavior in the health care environment and individual program policies and procedures for allied health students. Intended for students who have applied and been accepted into Allied Health Programs at Foothill College.

✓ 20753 AHS-050-01W LEC TBA TBA AUSTIN ONLINE
AHS-050-01W: Open only to DMS program students accepted into the DMS program. Offered via internet. After registering, you must refer to the course descriptions at www.foothill.edu/fga/ for information on how to begin.

✓ 20779 AHS-050-02W LEC TBA TBA MIYASAKI ONLINE
AHS-050-02W: Open only to DA program students accepted into the DA program. Offered via internet. After registering, you must refer to the course descriptions at www.foothill.edu/fga/ for information on how to begin.

✓ 20780 AHS-050-03W LEC TBA TBA SPRAGGE ONLINE
AHS-050-03W: Open only to DH program students accepted into the DH program. Offered via internet. After registering, you must refer to the course descriptions at www.foothill.edu/fga/ for information on how to begin.

✓ 20781 AHS-050-04W LEC TBA TBA HANNING ONLINE
AHS-050-04W: Open only to RSPT program students accepted into the RSPT program. Offered via internet. After registering, you must refer to the course descriptions at www.foothill.edu/fga/ for information on how to begin.

✓ 20782 AHS-050-05W LEC TBA TBA SU ONLINE
AHS-050-05W: Open only to PHT program students accepted into the PHT program. Offered via internet. After registering, you must refer to the course descriptions at www.foothill.edu/fga/ for information on how to begin.

✓ 20783 AHS-050-06W LEC TBA TBA PETER ONLINE
AHS-050-06W: Open only to VT program students accepted into the VT program. Offered via internet. After registering, you must refer to the course descriptions at www.foothill.edu/fga/ for information on how to begin.

✓ 20784 AHS-050-07W LEC TBA TBA SPRAGGE ONLINE
AHS-050-07W: Open only to EMTP program students accepted into the EMTP program. Offered via internet. After registering, you must refer to the course descriptions at www.foothill.edu/fga/ for information on how to begin.

✓ 21376 AHS-050-08W LEC TBA TBA CAMPBELL ONLINE
AHS-050-08W: Open only to RT program students accepted into the RT program. Offered via internet. After registering, you must refer to the course descriptions at www.foothill.edu/fga/ for information on how to begin.

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AHS 200 ORIENTATION TO HEALTH CARE CAREERS 3 Units

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

Not Repeatable.

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

20021 AHS-200-01 LEC 02:30 PM-05:20 PM T AUSTIN 5015
AHS-200-01: Enroll in one of the following labs. More than one lab can be taken. See course description under appropriate department heading: Dental Hygiene D H 200L; Radiologic Technology R T 200L; Respiratory Therapy RSPT 200L.

✓ 20022 AHS-200-02W LEC TBA TBA AUSTIN ONLINE
AHS-200-02W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin. Enroll in one of the following labs. More than one lab can be taken. See course description under appropriate department heading: D H 200L Dental Hygiene as a Career; R T 200L Radiologic Technology as a Career; RSPT 200L Respiratory Therapy as a Career. Students are required to attend final exam on FH campus (out-of-state students by arrangement w/instructor).

ADAPTIVE LEARNING: 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

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.

20023 ALCA-201-01 LAB TBA TBA DAVIS TBA
ALCA201.01: Students must attend an orientation meeting from 10:00-10:50am on the second Monday and Wednesday of the quarter in room 5710.

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, Fair Oaks Senior Center, Forum, Ladera Recreation, Lytton Gardens, Mt. View Senior Center, Next Step Program, Onetta Harris, Palo Alto Commons, Palo Alto YMCA, Pilgrim Haven, Plaza Del Rey, Redwood Villa, Retirement Inn of Sunnyvale, Sacred Heart High School, Saratoga Senior Center, Senior Day Health Program, Sequoias, Stevenson House, Sunnyvale Senior Center, Sunnyview Retirement Community, Sunrise Senior Living, Villa Siena, and YuAiKaI Japanese Community Senior Center. For information call (650) 949-7321.

ALCB 201 BEGINNING LIP READING .5 Units

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.

● 20024 ALCB-201-01L L-L 01:30 PM-02:45 PM M MASTMAN AVEN
● 20692 ALCB-201-02L LAB 10:30 AM-11:45 AM W MASTMAN CHHS

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● 20693 ALCB-201.-03L	LAB 10:00 AM-11:15 AM T	MASTMAN	MVSC	
ALCB 202	INTERMEDIATE LIP READING & MANAGING YOUR HEARING LOSS	.5 Units		
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.				
◆ 20025 ALCB-202.-01L	L-L 03:00 PM-04:15 PM M	MASTMAN	AVEN	
ALCB 203	ADVANCED LIP READING & MANAGING YOUR HEARING LOSS	.5 Units		
Prerequisites: 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.				
◆ 20944 ALCB-203.-01L	LEC 11:00 AM-12:15 PM M	MASTMAN	AVEN	
ALCB 222	JOB SEARCH SKILLS	3 Units		
6 hours lecture-laboratory. (72 total hours per quarter.) Not Repeatable. 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.				
● 20697 ALCB-222.-01	L-L 08:30 AM-12:20 PM TTh L-L 01:00 PM-02:50 PM TTh	URRUTIA	VANSP	
● 20698 ALCB-222.-02	L-L 08:30 AM-12:20 PM TTh L-L 01:00 PM-02:50 PM TTh	URRUTIA	VANSP	
ALCB 223	CAREER RESOURCES	2 Units		
6 hours laboratory. (72 total hours per quarter.) Not Repeatable. 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.				
● 20701 ALCB-223.-01	LAB 08:30 AM-12:20 PM MW LAB 01:00 PM-02:50 PM MW	SHIELLS	VANSP	
● 20702 ALCB-223.-02	LAB 08:30 AM-12:20 PM MW LAB 01:00 PM-02:50 PM MW	SHIELLS	VANSP	
ALCB 231	CAREER PLANNING & PERSONAL ASSESSMENT	.5 Units		
1.5 hours laboratory. (18 total hours per quarter.) Not Repeatable. Designed to help students develop a personal profile that identifies sociological, psychological and physiological perspectives for success in work, education and personal life.				
● 20699 ALCB-231.-01	LAB 09:00 AM-11:50 AM F	PETERSON	VANSP	
● 20700 ALCB-231.-02	LAB 09:00 AM-11:50 AM F	PETERSON	VANSP	
ALCB 403Y	CHANGING GENERATIONS	0 Units		
24 hours total. (0 total hours per quarter.) Unlimited Repeatability. Designed to offer an opportunity for young and old to share a relationship.				
● 20026 ALCB-403Y-01	LAB 03:15 PM-05:05 PM W	AUCLAIRE	PACOM	
ALCB 406Y	WORLD NEWS DISCUSSION	0 Units		
24 hours total. (0 total hours per quarter.) Unlimited Repeatability. Designed for the disabled to study world news by examining turning points in history, comparing and contrasting them with current world events to enhance memory retention and self-esteem.				
● 20983 ALCB-406Y-01	LAB 09:00 AM-10:55 AM Th	KRUITWAGEN	PACOM	
● 20984 ALCB-406Y-02	LAB 03:00 PM-04:50 PM M	AUCLAIRE	LYT 2	
ALCB 407Y	SOCIAL CHANGE	0 Units		
24 hours total. (0 total hours per quarter.)				

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
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.				
● 20985 ALCB-407Y-01	LAB 01:00 PM-02:50 PM W	PARRAVI	PACOM	
● 20986 ALCB-407Y-02	LAB 03:00 PM-04:50 PM Th	PARRAVI	ASL	
● 20987 ALCB-407Y-03	LAB 10:00 AM-11:50 AM F	VERONNEAU	SDHP	
ALCB 408Y	ART APPRECIATION	0 Units		
24 hours total. (0 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.				
● 20988 ALCB-408Y-01	LAB 03:15 PM-05:05 PM W	PARRAVI	TLA	
● 20989 ALCB-408Y-02	LAB 03:15 PM-05:05 PM Th	JENSEN	PACOM	
● 20990 ALCB-408Y-03	LAB 09:00 AM-10:50 AM F	PARRAVI	ASL	
ALCB 409Y	MUSIC APPRECIATION	0 Units		
24 hours total. (0 total hours per quarter.) Unlimited Repeatability. Designed for the disabled student to acquire appreciation of composers and their work. Emphasis on identification and recall of auditory input.				
● 20991 ALCB-409Y-01	LAB 01:00 PM-02:50 PM Th	BAIRD	SDHP	
● 20992 ALCB-409Y-02	LAB 09:00 AM-10:50 AM F	BAIRD	PACOM	
● 20993 ALCB-409Y-03	LAB 09:30 AM-11:20 AM T	BAIRD	ASL	
● 20994 ALCB-409Y-04	LAB 10:00 AM-11:50 AM Th	JENSEN	EPSC	
ALCB 413Y	RELAXATION TECHNIQUES	0 Units		
24 hours total. (0 total hours per quarter.) Unlimited Repeatability. Designed for the disabled student to acquire information about and develop techniques for achieving relaxation by releasing mental and physical tension.				
● 21093 ALCB-413Y-01	LAB 10:00 AM-11:50 AM F	PETERSON	EPSC	
● 21094 ALCB-413Y-02	LAB 10:30 AM-12:20 PM M	MARRIOTT	AVEN	
● 21095 ALCB-413Y-03	LAB 01:00 PM-02:50 PM F	JENSEN	ASL	
● 21096 ALCB-413Y-04	LAB 10:15 AM-11:15 AM TTh	AMBROSE	SVSC	
● 21097 ALCB-413Y-05	LAB 03:30 PM-04:30 PM TTh	VEGA	TLA	
● 21801 ALCB-413Y-06	LAB 10:30 AM-12:30 PM W	STAFF	LYT	
● 21804 ALCB-413Y-08	LAB 12:30 PM-01:30 PM TTh	O'LOUGHLIN	BP	
● 21802 ALCB-413Y-6	LAB 01:00 PM-03:00 PM M	CROFT	OH	
● 21803 ALCB-413Y-7	LAB 10:30 AM-12:20 PM T	O'LOUGHLIN	TBA	
● 21806 ALCB-413Y-9	LAB 10:45 AM-12:35 PM T	VEGA	SDHP	
ALCB 414Y	STRESS MANAGEMENT	0 Units		
24 hours total. (0 total hours per quarter.) Unlimited Repeatability. Designed for the disabled student to recognize stress symptoms and become aware of signals which cause triggers in stress. Learn stress management skills from passive to active take-charge role.				
● 21098 ALCB-414Y-01	LAB 02:30 PM-04:20 PM M	MARRIOTT	MVSC	
● 21099 ALCB-414Y-02	LAB 01:30 PM-02:30 PM TTh	VEGA	LYT 2	
● 21100 ALCB-414Y-03	LAB 09:00 AM-10:00 AM TF	CROFT	FO	
● 21101 ALCB-414Y-04	LAB 08:00 AM-09:50 AM Th	ROCK	OH	
ALCB 421Y	AROUND THE WORLD IN TRAVEL STUDY	0 Units		
Prerequisite: None. 24 hours total. (0 total hours per quarter.) Unlimited Repeatability. Designed for the disabled student to recall personal travel. Focuses on the discussion of geography, history, religions and arts of other cultures to increase knowledge and social interaction, and improve memory retention.				
● 20995 ALCB-421Y-01	LAB 06:00 PM-07:50 PM Th	AMBROSE	ASL	
ALCB 431Y	ANALYSIS OF CURRENT EVENTS	0 Units		
24 hours total. (0 total hours per quarter.) Unlimited Repeatability.				

◆ = Middlefield Campus class

✓ = Online or Hybrid class

● = Off-Campus class

Evening classes are shaded.

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

● 20996	ALCB-431Y-01	LAB	10:00 AM-11:50 AM	T	KRUITWAGEN	PACOM
● 20997	ALCB-431Y-02	LAB	03:00 PM-04:50 PM	Th	PETERSON	CHHS
● 20998	ALCB-431Y-03	LAB	07:00 PM-08:50 PM	Th	PETERSON	TLA
● 20999	ALCB-431Y-04	LAB	01:00 PM-02:40 PM	F	PETERSON	FORUM
● 21000	ALCB-431Y-05	LAB	09:30 AM-11:10 AM	M	MEDVED	BP

ALCB 451Y DRAWING & PAINTING 0 Units

24 hours total. (0 total hours per quarter.)

Unlimited Repeatability.

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

● 21001	ALCB-451Y-01	LAB	01:30 PM-03:20 PM	M	JENSEN	BP
● 21002	ALCB-451Y-02	LAB	09:30 AM-11:10 AM	Th	VEGA	SDHP

ALCB 462Y VERBAL EXPRESSION 0 Units

24 hours total. (0 total hours per quarter.)

Unlimited Repeatability.

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

● 21003	ALCB-462Y-01	LAB	09:30 AM-11:20 AM	W	KRUITWAGEN	BP
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ALCB 463Y CREATIVE WRITING 0 Units

24 hours total. (0 total hours per quarter.)

Unlimited Repeatability.

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

● 21004	ALCB-463Y-01	LAB	01:15 PM-03:05 PM	Th	JENSEN	BP
◆ 21005	ALCB-463Y-02	LAB	10:00 AM-11:50 AM	W	ROCK	MC A5

ALCB 465Y CREATIVE SELF-EXPRESSION 0 Units

24 hours total. (0 total hours per quarter.)

Unlimited Repeatability.

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

● 21006	ALCB-465Y-01	LAB	01:00 PM-02:50 PM	W	AMBROSE	ASL
● 21805	ALCB-465Y-3	LAB	10:00 AM-11:50 AM	Th	ROCK	OH

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

Corequisites: ENGL 209 and 110.

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

Not Repeatable.

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 ENGL 110.

20694	ALLD-206.-01	LAB	12:00 PM-02:30 PM	MW	WONG	5402
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ALLD 207 BASIC MATH REMEDIATION 1 Unit

Course Number CRN	Course ID	Title Activity	Units Time	Days	Instructor	Location
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Advisory: Pass/No Pass.
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.

20917	ALLD-207.-01	LAB	12:00 PM-01:15 PM	TTh	WONG	5402
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ALLD 210 UNDERSTANDING LEARNING DIFFERENCES 3 Units

Formerly: ALLD 601

Advisory: Not open to students with credit in 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.

20583	ALLD-210.-01	LEC	12:00 PM-02:40 PM	F	WONG	3403
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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

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.

21013	ALTW-203.-01	LAB	09:00 AM-09:50 AM	TTh	HAWKINS	5402
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ALTW 205 OFFICE SKILLS FOR THE DISABLED STUDENT 3 Units

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.

21014	ALTW-205.-01	LAB	01:00 PM-02:15 PM	MW	URRUTIA	4202
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ALTW 206 BEGINNING WORD PROCESSING FOR THE DISABLED STUDENT 3 Units

Formerly: ALTW 112

Advisory: Not open to students with credit in ALTW 112.

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.

21015	ALTW-206.-01	LAB	10:00 AM-11:50 AM	TTh	PETERSON	5402
		LAB	TBA	TBA	PETERSON	TBA

ALTW 207 RESOURCES IN THE COMMUNITY FOR THE DISABLED STUDENT 2 Units

◆ = Middlefield Campus class

✓ = Online or Hybrid class

● = Off-Campus class

Evening classes are shaded.

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
2 hours lecture. (24 total hours per quarter.) Not Repeatable. Overview of community resources for the disabled student.				
21016 ALTW-207-01	LAB	01:00 PM-01:50 PM TTh	ZAFREN	4004
ALTW 208	JOB TRAINING/INTERNSHIP FOR THE DISABLED STUDENT			1.5 Units
4.5 hours laboratory. (54 total hours per quarter.) Not Repeatable. Practical skills needed for successful employment. Emphasis on on-the-job training experiences; discussion and evaluation of one's performance.				
20027 ALTW-208-01	LAB TBA	10:00 AM-11:50 AM MW TBA	URRUTIA	5402 TBA
ALTW 209	SOCIAL SKILLS FOR THE DISABLED STUDENT			1 Unit
Prerequisite: None. 2 hours lecture-laboratory. (24 total hours per quarter.) Not Repeatable. Enhancement of self-esteem and socialization skills in order to increase confidence in personal and social interactions.				
20028 ALTW-209-01	L-L	09:00 AM-09:50 AM MW	URRUTIA	5402
ALTW 219	USING THE INTERNET FOR THE DISABLED STUDENT			1 Unit
2 hours lecture-laboratory. (24 total hours per quarter.) Not Repeatable. This is a hands-on introduction to the use of internet tools such as Google Apps and Etudes for students with disabilities.				
● 21102 ALTW-219-01	L-L	03:00 PM-04:50 PM WTh	ROCK	VANSP
● 21330 ALTW-219-02	L-L	03:00 PM-04:50 PM WTh	ROCK	VANSP

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
21640 ANTH-001-09	LEC	06:00 PM-09:40 PM T	TITUS	3103

ANTH 1L PHYSICAL ANTHROPOLOGY LABORATORY 1 Unit
Corequisite: Completion of, or concurrent enrollment in ANTH 1.
**1 hour lecture-laboratory, 2 hours laboratory. (36 total hours per quarter.)
Not Repeatable.**

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

20033 ANTH-001L-01	L-L	12:00 PM-12:50 PM M	WOLF	3103
	LAB	01:00 PM-02:50 PM M	WOLF	3103
<i>ANTH-001L-01: ANTH 1L meets the IGETC science lab requirement.</i>				
20034 ANTH-001L-02	L-L	07:00 AM-07:50 AM M	CEARLEY	3103
	LAB	08:00 AM-09:50 AM M	CEARLEY	3103
<i>ANTH-001L-02: ANTH 1L meets the IGETC science lab requirement.</i>				
20508 ANTH-001L-03	L-L	10:00 AM-10:50 AM T	SCHAEFERS	3103
	LAB	11:00 AM-12:50 PM T	SCHAEFERS	3103
<i>ANTH-001L-03: ANTH 1L meets the IGETC science lab requirement.</i>				

ANTH 2A CULTURAL ANTHROPOLOGY 4 Units
**4 hours lecture. (48 total hours per quarter.)
Not Repeatable.**

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

20035 ANTH-002A-01	LEC	10:00 AM-11:50 AM MW	SCHAEFERS	3106
20036 ANTH-002A-02	LEC	08:00 AM-09:50 AM TTh	MAURER	3103
✓ 20037 ANTH-002A-03W	LEC	TBA	PRICE	ONLINE
<i>ANTH-002A-03W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/tga/ for information on how to begin.</i>				
✓ 20038 ANTH-002A-04W	LEC	TBA	RODGERS	ONLINE
<i>ANTH-002A-04W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/tga/ for information on how to begin.</i>				
20470 ANTH-002A-05	LEC	01:00 PM-02:50 PM MW	CONNELL	3101
✓ 20882 ANTH-002A-06W	LEC	TBA	NEFF	ONLINE
<i>ANTH-002A-06W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/tga/ for information on how to begin.</i>				
20883 ANTH-002A-07	LEC	08:00 AM-09:50 AM MW	WOLF	3106

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.

20881 ANTH-003-01	LEC	10:00 AM-11:50 AM MW	CONNELL	3103
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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.

20040 ANTH-005-01	LEC	12:00 PM-01:50 PM TTh	ULLOA	3101
✓ 20880 ANTH-005-02W	LEC	TBA	MAURER	ONLINE
<i>ANTH-005-02W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/tga/ for information on how to begin.</i>				

ANTHROPOLOGY

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

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

ANTH 1 INTRODUCTION TO PHYSICAL ANTHROPOLOGY 4 Units

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

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

20029 ANTH-001-01	LEC	08:00 AM-09:50 AM MW	PATEL	3101
20632 ANTH-001-02	LEC	10:00 AM-11:50 AM MW	WOLF	3101
20030 ANTH-001-03	LEC	08:00 AM-09:50 AM TTh	CONNELL	3101
20031 ANTH-001-04	LEC	02:00 PM-03:50 PM TTh	SCHAEFERS	3101
✓ 20633 ANTH-001-05W	LEC	TBA	DAVIDSON	ONLINE
<i>ANTH001-05W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/tga/ for information on how to begin.</i>				
✓ 20032 ANTH-001-06W	LEC	TBA	DAVIDSON	ONLINE
<i>ANTH-001-06W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/tga/ for information on how to begin.</i>				
21638 ANTH-001-07	LEC	10:00 AM-11:50 AM TTh	CEARLEY	3101
✓ 21639 ANTH-001-08W	LEC	TBA	CONNELL	ONLINE
<i>ANTH-001-08W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/tga/ for information on how to begin.</i>				

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Evening classes are shaded.

Course Number CRN	Title Course ID	Units Activity	Time Days	Instructor	Location
ANTH 12	APPLIED ANTHROPOLOGY	4 Units			
4 hours lecture. (48 total hours per quarter.) Not Repeatable. Applied anthropology focuses on the use of anthropological theories and perspectives in real-world contexts of practice or problem-solving. Course provides students with tools designed to help understand and solve problems arising as a result of culture change, modernization and globalization. Major areas of study include development anthropology and the use of technology in field settings, anthropology and health care, anthropology and advocacy, such as in social work settings, anthropology and law, organizational and business anthropology, and land and resource management.					
21641	ANTH-012-.01	LEC	10:00 AM-11:50 AM	TTh	MAURER 3106
ANTH 20	NATIVE PEOPLES OF CALIFORNIA	4 Units			
4 hours lecture. (48 total hours per quarter.) Not Repeatable. Study of the many cultures of the different native inhabitants of California from the prehistoric period to the present time. Covers an introduction to the diversity and complexity of aboriginal California. Includes the environmental adaptation, material culture, social structure, ideology, and response to change. Examines the impact of the other Native, European, Asian and African groups on those cultures as well as the contributions of Native Californians to the cultures of the Americas.					
21642	ANTH-020-.01	LEC	06:00 PM-09:40 PM	W	HYLKEMA 3103
ANTH 22	THE AZTEC, MAYA & THEIR PREDECESSORS	4 Units			
4 hours lecture. (48 total hours per quarter.) Not Repeatable. Survey of the origin, spread, and decline of pre-Columbian civilizations in Central America with a focus on the Maya and Aztec. Applies understandings of archaeology and cultural anthropology to examine the dynamics economic, social, political, cultural, and religious systems of Mesoamerica over time. Covers the colonization process by the Spanish and current day indigenous issues in Mesoamerica.					
✓21848	ANTH-022-.01W	LEC TBA		TBA	NEFF ONLINE

Course Number CRN	Title Course ID	Units Activity	Time Days	Instructor	Location
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.					
20527	ART-001-.01Y	LEC LAB	10:00 AM-11:50 AM	MW TBA	PENNINGTON 3525 ONLINE
ART-001-.01Y: Hybrid class. 1.5 weekly TBA hours via online instruction. Meets UC/CSU area 3 Arts & Humanities transfer requirements (IGETC) and CSU area C-1 General Education (breadth requirements) and Foothill College General Education Graduation Requirements in Humanities for the AA/AS Degree.					
21620	ART-001-.02Y	LEC LAB	03:00 PM-04:50 PM	TTh TBA	CONSAVARI 3525 ONLINE
ART-001-.02Y-Hybrid class. 1.5 weekly TBA hours via online instruction. Meets UC/CSU area 3 Arts & Humanities transfer requirements (IGETC) and CSU area C-1 General Education (breadth requirements) and Foothill College General Education Graduation Requirements in Humanities for the AA/AS Degree.					
✓20756	ART-001-.03W	LEC LAB	TBA	TBA	REID ONLINE
ART-001-.03W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/tga/ for information on how to begin. Course meets UC/CSU area 3 Arts & Humanities transfer requirements (IGETC) and CSU area C-1 General Education (breadth requirements) and Foothill College General Education Graduation Requirements in Humanities for the AA/AS Degree.					
✓20757	ART-001-.04W	LEC LAB	TBA	TBA	REID ONLINE
ART-001-.04W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/tga/ for information on how to begin.. Course meets UC/CSU area 3 Arts & Humanities transfer requirements (IGETC) and CSU area C-1 General Education (breadth requirements) and Foothill College General Education Graduation Requirements in Humanities for the AA/AS Degree.					
✓20758	ART-001-.05W	LEC LAB	TBA	TBA	REID ONLINE
ART-001-.05W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/tga/ for information on how to begin. Course meets UC/CSU area 3 Arts & Humanities transfer requirements (IGETC) and CSU area C-1 General Education (breadth requirements) and Foothill College General Education Graduation Requirements in Humanities for the AA/AS Degree.					
ART 2A	HISTORY OF ART: HISTORY OF WESTERN ART FROM PREHISTORY THROUGH EARLY CHRISTIANITY	4.5 Units			
Advisory: Not open to students with credit in ART 2AH. 4 hours lecture, 1.5 hours laboratory. (66 total hours per quarter.) Not Repeatable. 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 Christian and Byzantine culture. Illustrated lectures and readings.					
20041	ART-002A-01Y	LEC LAB	10:00 AM-11:50 AM	TTh TBA	PENNINGTON 1501 ONLINE
ART-002A-01Y: Hybrid class. 1.5 weekly TBA hours via online instruction. Meets UC/CSU area 3 Arts & Humanities transfer requirements (IGETC) and CSU area C-1 General Education (breadth requirements) and Foothill College General Education Graduation Requirements in Humanities for the AS/AS Degree.					
ART 2B	HISTORY OF WESTERN ART FROM THE MIDDLE AGES TO THE RENAISSANCE	4.5 Units			
Advisory: Not open to students with credit in ART 2BH. 4 hours lecture, 1.5 hours laboratory. (66 total hours per quarter.) Not Repeatable. A History of Western art from ca.600 through ca.1600. This course examines the Middle Ages and the Renaissance using images, objects, and architecture to develop a comprehensive understanding of the social, political, and religious forces that shaped this period. Illustrated lectures and readings.					
✓20528	ART-002B-01W	LEC LAB	TBA	TBA	PENNINGTON ONLINE
ART-002B-01W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/tga/ for information on how to begin. Meets UC/CSU area 3 Arts & Humanities transfer requirements (IGETC) and CSU area C-1 General Education (breadth requirements) and Foothill College General Education Graduation Requirements in Humanities for the AS/AS Degree.					
ART 2E	A HISTORY OF WOMEN IN ART	4.5 Units			

ART

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

See Graphic & Interactive Design courses in printmaking, books as art, and digital video. See ART 2A-E, ART 3 and ART 14 for courses in art history.

Courses listed on transcript with an "S" suffix are the first half of the course, "T" indicates the second half.

◆ = Middlefield Campus class

✓ = Online or Hybrid class

● = Off-Campus class

Evening classes are shaded.

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
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Advisory: Not open to students with credit in WMN 15.
4 hours lecture, 1.5 hours laboratory. (66 total hours per quarter.)
Not Repeatable.

A chronological, thematic, and cross-cultural examination of art works and gender issues concerning women artists from the early Middle-Ages to the 21st century. Includes the influences on art produced by women of such issues as race, gender, socio-economic and political conditions, increasing urbanization, and conceptions of nature, etc.

✓ 20759 ART -002E-01W	LEC TBA LAB TBA	TBA TBA	REID REID	ONLINE ONLINE
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ART -002E-01W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/tga/ for information on how to begin. Cross-listed with Women's Studies (WMN 15). Course meets UC/CSU area 3 Arts & Humanities and area 4 Social & Behavioral Sciences transfer requirements (IGETC); CSU area C-1 Arts and D-4 Gender Studies GE (breadth requirements) and Foothill College GE Graduation Requirements in Humanities for the AA/AS degree.

ART 2J AMERICAN ART 4.5 Units

Formerly: ART 14

Advisory: Not open to students with credit in ART 14.
4 hours lecture, 1.5 hours laboratory. (66 total hours per quarter.)
Not Repeatable.

A history of the culturally diverse arts produced in North America (specifically the United States) from prehistory to the present. American art is considered thematically and chronologically, focusing on the important influences on art of nature, landscape, urbanization, gender, race, religion, ethnicity, socio-economic and political reforms, and civil and international wars.

✓ 21247 ART -002J-01W	LEC TBA LAB TBA	TBA TBA	REID REID	ONLINE ONLINE
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ART -002J-01W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/tga/ for information on how to begin. Course meets UC/CSU area 3 Arts & Humanities transfer requirements (IGETC) and CSU area C-1 General Education (breadth requirements) and Foothill College General Education Graduation Requirements in Humanities for the AA/AS Degree.

ART 3 MODERN ART & CONTEMPORARY THOUGHT 4.5 Units

4 hours lecture, 1.5 hours laboratory (66 total hours per quarter.)
Not Repeatable.

A study of art and architecture from Impressionism to the present day emphasizing the importance of social, economic, and political influences on the art. This course is designed to relate contemporary artistic expression to modern thought. Lectures will be directed towards illustrating and interpreting the subjects listed in the course content. The text and references will be used to supplement these discussions. Class discussions will be encouraged and specific time set aside for this purpose. Field trips will be taken to museums.

20760 ART -003-01Y	LEC 12:00 PM-01:15 PM MT LEC 12:00 PM-12:50 PM Th		PENNINGTON PENNINGTON	1501 1501
✓	LAB TBA	TBA	PENNINGTON	ONLINE

ART -003-01Y: Hybrid class. 1.5 weekly TBA hours via online instruction. Meets UC/CSU area 3 Arts & Humanities transfer requirements (IGETC) and CSU area C-1 General Education (breadth requirements) and Foothill College General Education Graduation Requirements in Humanities for the AS/AS Degree.

ART 4A FUNDAMENTALS IN DRAWING 4 Units

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

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

20614 ART -004A-01	LEC 08:00 AM-08:50 AM MWF LAB 09:00 AM-09:50 AM MWF		RAGEY RAGEY	1602 1602
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ART -004A-01: Meets CSU area C-1 General Education (breadth

requirement) in Humanities.

20611 ART -004A-02	LEC 01:30 PM-02:45 PM TTh LAB 03:00 PM-04:15 PM TTh		LUM LUM	1602 1602
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ART -004A-02: Meets CSU area C-1 General Education (breadth requirement) in Humanities.

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
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◆ 20775 ART -004A-03	LEC 06:30 PM-07:45 PM TTh LAB 08:00 PM-09:15 PM TTh		CANTWELL CANTWELL	MC J4 MC J4
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ART -004A-03: Meets CSU area C-1 General Education (breadth

requirement) in Humanities.

20608 ART -004A-04	LEC 08:00 AM-10:40 AM S LAB 11:00 AM-01:50 PM S		LEVITCH LEVITCH	1602 1602
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ART -004A-04: Meets CSU area C-1 General Education (breadth

requirement) in Humanities.

✓ 20042 ART -004A-05W	LEC TBA LAB TBA	TBA TBA	GOMES GOMES	ONLINE ONLINE
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ART -004A-05W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/tga/ for information on how to begin. Meets CSU area C-1 General Education (breadth

requirement) in Humanities.

21614 ART -004A-06	LEC 10:00 AM-12:50 PM T LAB 10:00 AM-12:50 PM Th		GOMES GOMES	1602 1602
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ART 4B INTERMEDIATE DRAWING 4 Units

Prerequisite: ART 4A.

Advisories: ART 5A; This course is included in the Drawing family of activity courses.

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

Exploration of artistic concepts, styles, and creative expression related to intermediate-level drawing, focusing on complex subject matter and concepts using a variety of drawing mediums, techniques, and methodologies. Students in this course will build on fundamental drawing skills to develop personalized approaches to content and materials in exercises covering multiple historical and contemporary approaches to drawing.

20615 ART -004B-02	LEC 01:30 PM-02:45 PM MW LAB 03:00 PM-04:15 PM MW		LUM LUM	1602 1602
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◆ 20776 ART -004B-03Q	LEC 06:30 PM-07:45 PM TTh LAB 08:00 PM-09:15 PM TTh		CANTWELL CANTWELL	MC J4 MC J4
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◆ 20609 ART -004B-04Q	LEC 08:00 AM-10:40 AM S LAB 11:00 AM-01:50 PM S		LEVITCH LEVITCH	1602 1602
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ART 4C REPRESENTATIONAL DRAWING 4 Units

Prerequisite: ART 4A.

Advisory: This course is included in the Drawing family of activity courses.
3 hours lecture, 3 hours laboratory. (72 total hours per quarter.)
Not Repeatable.

An intermediate level representational drawing course concentrating on observation and depiction of volume and linear perspective in a variety of drawing media.

20616 ART -004C-02Q	LEC 01:30 PM-02:45 PM MW LAB 03:00 PM-04:15 PM MW		LUM LUM	1602 1602
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◆ 20777 ART -004C-03Q	LEC 06:30 PM-07:45 PM TTh LAB 08:00 PM-09:15 PM TTh		CANTWELL CANTWELL	MC J4 MC J4
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20610 ART -004C-04Q	LEC 08:00 AM-10:40 AM S LAB 11:00 AM-01:50 PM S		LEVITCH LEVITCH	1602 1602
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21616 ART -004C-05Q	LEC 10:00 AM-12:50 PM T LAB 10:00 AM-12:50 PM Th		GOMES GOMES	1602 1602
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ART 4D FIGURE DRAWING 4 Units

Advisory: This course is included in the Drawing Family of activity courses.
3 hour lecture, 3 hour laboratory. (72 total hours per quarter.)
Not Repeatable.

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

◆ 20778 ART -004D-01	LEC 06:30 PM-07:45 PM MW LAB 08:00 PM-09:15 PM MW		CANTWELL CANTWELL	MC J4 MC J4
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✓ 21618 ART -004D-02Y	LEC 12:00 PM-03:00 PM F LAB TBA	TBA	GOMES GOMES	1602 ONLINE
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ART -004D-02Y: Hybrid class. 3 additional weekly TBA hours via online instruction.

ART 5A 2-D FOUNDATIONS 4 Units

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

◆ = Middlefield Campus class

✓ = Online or Hybrid class

● = Off-Campus class

Evening classes are shaded.

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
20607 ART -005A-01Y	LEC 01:30 PM-04:20 PM LAB TBA	Th TBA	GOMES GOMES	1601 ONLINE
ART -005A-01Y: Hybrid class. 3 additional hours via online instruction.				
20530 ART -005A-02W	LEC TBA LAB TBA	TBA TBA	GOMES GOMES	ONLINE ONLINE
ART-005A-02W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.				

ART 6 COLLAGE & COMPOSITION 3 Units
Advisory: ART 4A or 5A; this course is included in the Book Arts & Paper Family of activity courses.
6 hours lecture-laboratory. (72 total hours per quarter.)
Not Repeatable.
 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.

20043 ART -006-.02W	LEC TBA LAB TBA	TBA TBA	LUM LUM	ONLINE ONLINE
ART -006-.02W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.				

ART 14D DIGITAL ART & GRAPHICS 4 Units
Formerly: ART 56
Advisories: Familiarity with computer operating systems; ART 4A or GID 70; ART 5A; PHOT 1; not open to students with credit in ART 56.
3 hours lecture, 3 hours laboratory. (72 total hours per quarter.)
Not Repeatable.
 Introduction to using computers and software for painting, drawing, image processing, photo composites and typography. Emphasis on image making and creative problem solving.

20816 ART -014D-01W	LEC TBA LAB TBA	TBA TBA	MANSKE MANSKE	ONLINE ONLINE
ART -014D-01W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.				

ART 15A DIGITAL PAINTING I 4 Units
Formerly: ART 14C & 86
Advisory: Familiarity with current interface operations for desktop computers, laptops and digital tablets; not open to students with credit in ART 14C or 86.
3 hours lecture, 3 hours laboratory. (72 total hours per quarter.)
Not Repeatable.
 Basic instruction using computers, digital tablets and software to produce digital paintings and images for artistic expression, design and illustration.

21782 ART -015A-01W	LEC TBA LAB TBA	TBA TBA	RAGEY RAGEY	ONLINE ONLINE
ART 015A-.01W: After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.				

ART 15B DIGITAL PAINTING II 4 Units
Prerequisite: ART 15A.
Advisory: Familiarity with current interface operations for desktop computers, laptops and digital tablets.
3 hours lecture, 3 hours laboratory. (72 total hours per quarter.)
Not Repeatable.
 Intermediate instruction using computers, digital tablets and software to produce digital paintings and images for artistic expression, design and illustration.

21626 ART -015B-01W	LEC 01:00 PM-02:15 PM LAB 02:15 PM-03:30 PM	MW MW	RAGEY RAGEY	ONLINE ONLINE
ART 015B-.01W: After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.				

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
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.				
20044 ART -020A-01	L-L 10:00 AM-12:50 PM	MW	LUM	1601
20686 ART -020A-03W	LEC TBA LAB TBA	TBA TBA	LUM LUM	ONLINE ONLINE
ART -020A-03W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.				

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.

21042 ART -020B-01W	LEC TBA LAB TBA	TBA TBA	LUM LUM	ONLINE ONLINE
ART -020B-01W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.				

ART 36 HISTORY OF GRAPHIC DESIGN 4 Units
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.

20719 ART -036-.01W	LEC TBA	TBA	MANSKE	ONLINE
ART -036-.01W: 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 Graphic & Interactive Design (GID 1).				

ART 40 PRINT ARTS I 4 Units
Formerly: ART 69
Advisory: ART 4A and 5A; this course is included in the Printmaking Family of activity courses; not open to students with credit in ART 69, GID 38 or GRDS 69;
3 hours lecture, 3 hours laboratory. (72 total hours per quarter.)
Not Repeatable.
 Introduction to the printmaking processes of relief, intaglio, screenprinting and monoprinting. Theory and practice making limited-edition and one-of-a-kind fine art prints.

20813 ART -040-.01	LEC 09:00 AM-11:50 AM LAB 11:50 AM-02:50 PM	F F	MANSKE MANSKE	1801 1801
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ART 45A BEGINNING CERAMICS HANDBUILDING 4 Units
Advisory: This course is included in the Ceramic Construction Family of activity courses.
3 hours lecture, 3 hours laboratory. (72 total hours per quarter.)
Not Repeatable.
 An introduction to basic ceramic hand-building techniques, and its historical and contemporary significance. This class will introduce ceramic hand-building techniques including pinching, coil, and slab construction, as well as examine various high and low-fire glazing techniques. In addition to sculpting and constructing hand built vessels students will examine, critically discuss, analyze and write about clay, glaze and hand-building techniques, tools, ceramic terminology and processes of historical and contemporary clay hand-built vessels. Students will learn ceramic vocabulary, and participate in verbal and written class critiques.

20603 ART -045A-01	LEC 06:30 PM-07:45 PM LAB 07:45 PM-09:00 PM	MW MW	COOK COOK	1803 1803
21216 ART -045A-03	LEC 01:30 PM-02:45 PM LAB 02:45 PM-04:00 PM	TTh TTh	RUBLE RUBLE	1803 1803

ART 45B BEGINNING CERAMICS POTTER'S WHEEL 4 Units
Advisory: This course is included in the Ceramic Construction Family of activity courses.

◆ = Middlefield Campus class

✓ = Online or Hybrid class

● = Off-Campus class

Evening classes are shaded.

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
3 hours lecture, 3 hours laboratory. (72 total hours per quarter.) Not Repeatable.				
An introduction to throwing on the potter's wheel, and its historical and contemporary significance. This class will introduce the process of wedging clay, centering a pot, pulling a wall, shaping processes, and trimming techniques to complete well balanced forms on the potter's wheel. In addition to gaining expertise in wheel-throwing, students will examine, discuss, critique and write about the techniques, tools, ceramic terminology and processes of historical and contemporary thrown clay vessels. Students will use ceramic vocabulary in verbal and written class critiques.				
20605 ART -045B-01	LEC	10:00 AM-12:40 PM F	RUBLE	1803
	LAB	01:20 PM-04:00 PM F	RUBLE	1803
20792 ART -045B-02	LEC	10:00 AM-11:15 AM TTh	RUBLE	1803
	LAB	11:30 AM-12:45 PM TTh	RUBLE	1803

ART 45C ADVANCED CERAMICS 3 Units

Prerequisites: ART 45A and 45B.

Advisory: Concurrent enrollment in ART 45CL; this course is included in the Ceramic Construction Family of activity courses.

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

Not Repeatable.

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

20604 ART -045C-01Q	L-L	01:30 PM-04:20 PM TTh	RUBLE	1803
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ART 47A WATERCOLOR I 4 Units

Formerly: ART 47

Advisory: ART 4A or 5A; ART 4B, 20A; this course is included in the Painting Family of activity courses; not open to students with credit in ART 47.

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

Not Repeatable.

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

21624 ART -047A-01	LEC	01:00 PM-02:15 PM MW	RAGEY	1601
	LAB	02:15 PM-03:30 PM MW	RAGEY	1601

ART 47B WATERCOLOR II 4 Units

Prerequisite: ART 47A.

Advisories: ART 4A or 5A; ART 4B, 20A; This course is included in the Painting family of activity courses.

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

Not Repeatable.

Study of intermediate techniques using transparent and opaque water-media. Emphasis on intermediate techniques of painting, composition, and design.

21627 ART -047B-01	LEC	01:00 PM-02:15 PM MW	RAGEY	1601
	LAB	02:15 PM-03:30 PM MW	RAGEY	1601

ART 70R INDEPENDENT STUDY IN ART 1-4 Unit

3 hours per week, per unit, as determined by unit value of the contracted project or course of study; 36-144 total hours. (0 total hours per quarter.)

Not Repeatable.

This course of study provides an opportunity for the student to expand their studies in Art beyond the classroom by completing a project or an assignment arranged by agreement between the student and instructor. The student is required to contract with the instructor to determine the scope of assignment and the unit value assigned for successful completion. Students may take a maximum of 6 units of Independent Study per department.

21619 ART -070R-01	LAB	TBA	TBA	GOMES	TBA
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ART 77 POTTER'S WHEEL II 3 Units

Formerly: ART 46B

Prerequisites: ART 45B.

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-

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
throwing methods, glazing, decorating, and firing procedures. Explores technical problem solving, and creative design.				
21625 ART -077-01	L-L	10:00 AM-04:00 PM F	RUBLE	1803

ASTRONOMY

Physical Sciences, Mathematics & Engineering

(650) 949-7259

www.foothill.edu/ast/

ASTR 10A GENERAL ASTRONOMY: SOLAR SYSTEM 5 Units

Advisory: Concurrent enrollment in ASTR 10L.

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

Not Repeatable.

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

◆ 20045 ASTR-010A-01	LEC	06:00 PM-08:15 PM MW	BECK	MCIA
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ASTR-010A-01: Additional costs for online materials or content in place of or in addition to a textbook may be required.

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 covered include the nature of light, atoms, 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.

20046 ASTR-010B-01	LEC	12:00 PM-01:25 PM MTTh	FRAKNOI	5015
	LEC	12:00 PM-01:25 PM MTTh	FRAKNOI	5015

ASTR-010B-01: Additional costs for online materials or content in place of or in addition to a textbook may be required.

◆ 20047 ASTR-010B-02	LEC	06:00 PM-08:15 PM TTh	FRAKNOI	5015
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ASTR-010B-02: Additional costs for online materials or content in place of or in addition to a textbook may be required.

ASTR 10L ASTRONOMY LABORATORY 1 Unit

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

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

Not Repeatable.

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

20048 ASTR-010L-01	L-L	01:40 PM-02:30 PM T	FRAKNOI	4714
	LAB	02:30 PM-04:20 PM T	FRAKNOI	4714

ASTR-010L-01: Additional costs for online materials or content in place of or in addition to a textbook may be required.

◆ = Middlefield Campus class

✓ = Online or Hybrid class

● = Off-Campus class

Evening classes are shaded.

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
20049 ASTR-010L-02	L-L 01:40 PM-02:30 PM Th LAB 02:30 PM-04:20 PM Th		FRAKNOI FRAKNOI	4714 4714
<i>ASTR-010L-02: Additional costs for online materials or content in place of or in addition to a textbook may be required.</i>				
20050 ASTR-010L-03	L-L 08:30 PM-09:00 PM TTh LAB 09:00 PM-09:50 PM TTh		FRAKNOI FRAKNOI	4714 4714
<i>ASTR-010L-03: Additional costs for online materials or content in place of or in addition to a textbook may be required.</i>				
◆ 20051 ASTR-010L-04	L-L 08:30 PM-09:00 PM MW LAB 08:45 PM-09:45 PM MW		BECK BECK	MC IA MC IA
<i>ASTR-010L-04: Additional costs for online materials or content in place of or in addition to a textbook may be required.</i>				

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
May be taken six times for credit. Competitive intercollegiate soccer working toward personal development, athletic scholarship, and career opportunities.				
21468 ATHL-022.-01	L-L TBA		FLANNERY	UPFLD

ATHLETICS

Kinesiology & Athletics 650-949-7742

ATHL 4 INTERCOLLEGIATE FOOTBALL (MEN) 3 Units

Formerly: PHED 35B

Advisory: Only open to members of the Football team.

14.5 hours lecture-laboratory. (174 total hours per quarter.)

May be taken six times for credit.

Competitive intercollegiate football working toward strength and agility as well as increased knowledge of offensive and defensive alignments and strategies. Students have the opportunity to compete in intercollegiate games.

21463 ATHL-004.-01	LAB TBA	TBA	EDWARDS	LWFLD
21459 ATHL-004.-02	LAB TBA	TBA	RAIVIO	LWFLD
21464 ATHL-004.-03	LAB TBA	TBA	TAUFAELE	LWFLD

ATHL 11 INTERCOLLEGIATE BASKETBALL (MEN) 3 Units

Formerly: PHED 35C

Advisory: Only open to members of the Men's Basketball team.

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.

21491 ATHL-011.-01	L-L TBA	TBA	STAFF	2601
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ATHL 12 INTERCOLLEGIATE BASKETBALL (WOMEN) 3 Units

Formerly: PHED 34C

Advisory: Only open to members of the Women's Basketball team; 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.

21465 ATHL-012.-01	L-L TBA	TBA	CRAIG	2601
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ATHL 21 INTERCOLLEGIATE SOCCER (MEN) 3 Units

Formerly: PHED 35A

Advisory: Only open to members of the Men's Soccer team.

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.

21467 ATHL-021.-01	L-L TBA	TBA	LINER	UPFLD
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ATHL 22 INTERCOLLEGIATE SOCCER (WOMEN) 3-18 Unit

Formerly: PHED 34A

Advisory: Only open to members of the Women's Soccer team.

14.5 hours lecture-laboratory. (174 total hours per quarter.)

ATHL 31A PRESEASON CONDITIONING FOR SOFTBALL 2 Units

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

May be taken six times for credit.

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

21552 ATHL-031A-01	LAB 01:00 PM-03:50 PM MW		PREGLIASCO	UPFLD
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ATHL 31B SPORT TECHNIQUES & CONDITIONING FOR SOFTBALL 2 Units

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

May be taken six times for credit.

This course teaches and provides practice specific techniques and conditioning for the sport of softball. This includes drills, weight and flexibility training, and cardio-respiratory development.

21553 ATHL-031B-01	LAB 08:00 AM-09:30 AM TTh		PREGLIASCO	2905
	LAB TBA	TBA	PREGLIASCO	UPFLD

ATHL-031B-01: Students will arrange 3 hrs./wk of additional individual position specific instruction.

ATHL 32A PRESEASON CONDITIONING FOR SWIMMING 2 Units

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

May be taken six times for credit.

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

21433 ATHL-032A-01	LAB 01:30 PM-03:30 PM TTh		BISELL	POOL
	LAB 03:30 PM-04:20 PM TTh		BISELL	TBA

ATHL 33 INTERCOLLEGIATE WATER POLO (WOMEN) 3 Units

Formerly: PHED 35G

Advisory: Only open to members of the Women's Water Polo team; not open to students with credit in H P 40K.

14.5 hours lecture-laboratory. (174 total hours per quarter.)

May be taken six times for credit.

Competitive intercollegiate water polo working toward personal development, athletic scholarship and career opportunities.

21469 ATHL-033.-01	L-L TBA	TBA	BISELL	POOL
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ATHL 42 INTERCOLLEGIATE VOLLEYBALL (WOMEN) 3-18 Unit

Formerly: PHED 34B

Advisory: Only open to members of the Women's Volleyball team.

14.5 hours lecture-laboratory. (174 total hours per quarter.)

May be taken six times for credit.

Competitive intercollegiate volleyball working toward personal development, athletic scholarship, and career opportunities.

21470 ATHL-042.-01	L-L TBA	TBA	RIPP	2601
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ATHL 44A PRESEASON CONDITIONING FOR MEN'S TENNIS 2 Units

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

May be taken six times for credit.

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

21434 ATHL-044A-01	LAB 02:00 PM-03:50 PM MWF		MACIAS	TCOURT
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ATHL 44C FUNCTIONAL FITNESS FOR MEN'S TENNIS 1 Unit

◆ = Middlefield Campus class

✓ = Online or Hybrid class

● = Off-Campus class

Evening classes are shaded.

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
3 hours laboratory. (36 total hours per quarter.) May be taken six times for credit.				
This course will provide advanced training and instruction in the use of weights for the sport of tennis.				
21441 ATHL-044C-01	LAB 12:00 PM-01:15 PM	TTh	MACIAS	2905
ATHL 45A	PRESEASON CONDITIONING FOR WOMEN'S TENNIS			2 Units
6 hours laboratory. (72 total hours per quarter.) May be taken six times for credit.				
The development of athletic skills and mental conditioning which is required to be successful in the intercollegiate sport of tennis.				
21551 ATHL-045A-01	LAB 12:00 PM-02:00 PM	TThF	HICKEY	TCOURT

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.

20052 BIOL-001A-01	LEC 08:00 AM-09:50 AM	MW	MARKELZ	8403
	L-L 02:00 PM-02:50 PM	MW	MARKELZ	8707
	LAB 03:00 PM-04:50 PM	MW	MARKELZ	8707

BIOL-001A-01: All labs begin meeting the first week of the quarter. Students will be dropped if they do not attend the first class meeting - whether lec. or lab. Submit prerequisite proof of completion transcripts to counseling office; required for enrollment.

20053 BIOL-001A-02	L-L 10:00 AM-10:50 AM	TTh	HOLCROFT	8707
	LAB 11:00 AM-12:50 PM	TTh	HOLCROFT	8707
	LEC 08:00 AM-09:50 AM	MW	MARKELZ	8403

BIOL-001A-02: All labs begin meeting the first week of the quarter. Students will be dropped if they do not attend the first class meeting - whether lec. or lab. Submit prerequisite proof of completion transcripts to counseling office; required for enrollment.

20539 BIOL-001A-03	LEC 05:30 PM-07:20 PM	TTh	ROUHBAKHSH	8403
	L-L 05:30 PM-06:20 PM	MW	ROUHBAKHSH	8707
	LAB 06:30 PM-08:20 PM	MW	ROUHBAKHSH	8707

BIOL001A-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.

21613 BIOL-001A-04	LEC 05:30 PM-07:20 PM	TTh	ROUHBAKHSH	8403
	L-L 07:30 PM-08:20 PM	TTh	ROUHBAKHSH	8707
	LEC 08:30 PM-10:20 PM	TTh	ROUHBAKHSH	8707

BIOL 1B FORM & FUNCTION IN PLANTS & ANIMALS 6 Units

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.

An introduction to the structure and physiological processes of plants and animals. Transport systems, reproduction, digestion, gas exchange, regulation of the internal environment, responses to external stimuli, nervous systems, hormones, and locomotion. Intended for biology majors.

20479 BIOL-001B-01	LEC 10:00 AM-11:50 AM	MW	JACOBS	8711
	L-L 02:00 PM-02:50 PM	MW	JACOBS	8711

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
	LAB 03:00 PM-04:50 PM	MW	JACOBS	8711
BIOL-001B-01: All labs begin meeting the first week of the quarter. Students will be dropped if they do not attend the first class meeting - whether lec. or lab. Submit prerequisite proof of completion transcripts to counseling office; required for enrollment.				
BIOL 8	BASIC NUTRITION			5 Units
Advisory: MATH 200; eligibility for ENGL 1A.				
5 hours lecture. (60 total hours per quarter.) Not Repeatable.				
Introductory nutrition course intended for non-science/health-career majors. Not intended for students wishing to pursue a career in health care. Basic biological function of nutrients. Nutritional needs throughout the life span. Relationship between nutrition and disease. Current scientific, social, and psychological issues and controversies in nutrition.				
20054 BIOL-008-01Y	LEC 08:00 AM-09:50 AM	TTh	HOLCROFT	6707
✓	LEC TBA	TBA	HOLCROFT	ONLINE

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.

20055 BIOL-009-01	LEC 10:00 AM-11:50 AM	TTh	HAWKINS	5015
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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.

20533 BIOL-009L-01	L-L 02:00 PM-02:50 PM	Th	HAWKINS	8710
	LAB 03:00 PM-04:50 PM	Th	HAWKINS	8710

BIOL-009L-01: All labs begin meeting the first week of the quarter. Students will be dropped if they do not attend the first class meeting. Some labs will be field trips.

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.

20056 BIOL-010-01	LEC 10:00 AM-11:50 AM	MW	SCHULTHEIS	8403
	L-L 01:00 PM-01:50 PM	M	SCHULTHEIS	8709
	LAB 02:00 PM-03:50 PM	M	SCHULTHEIS	8709

BIOL-010-01: All labs begin meeting the first week of the quarter. Students will be dropped if they do not attend the first class meeting - whether lec or lab. One lab will be a late afternoon or Saturday field trip.

20057 BIOL-010-02	LEC 10:00 AM-11:50 AM	MW	SCHULTHEIS	8403
	L-L 01:00 PM-01:50 PM	W	SCHULTHEIS	8709
	LAB 02:00 PM-03:50 PM	W	SCHULTHEIS	8709

BIOL-010-02: All labs begin meeting the first week of the quarter. Students will be dropped if they do not attend the first class meeting - whether lec or lab. One lab will be a late afternoon or Saturday field trip.

20695 BIOL-010-04	LEC 10:00 AM-11:50 AM	TTh	DUNCAN	8402
	L-L 08:00 AM-08:30 AM	TTh	DUNCAN	8709
	LAB 08:30 AM-09:20 AM	TTh	DUNCAN	8709

BIOL-010-04: 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. One lab will be a late afternoon or Saturday field trip.

20696 BIOL-010-05	LEC 10:00 AM-11:50 AM	TTh	DUNCAN	8402
	L-L 02:00 PM-02:20 PM	TTh	DUNCAN	8709
	LAB 02:30 PM-03:20 PM	TTh	DUNCAN	8709

BIOL-010-05: 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. One lab will be a late afternoon or Saturday field trip.

21615 BIOL-010-06	LEC 10:00 AM-11:50 AM	TTh	DUNCAN	8338
	L-L 10:00 AM-10:30 AM	MW	DUNCAN	8709

◆ = Middlefield Campus class

✓ = Online or Hybrid class

● = Off-Campus class

Evening classes are shaded.

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
	LAB 10:30 AM-11:20 AM	MW	DUNCAN	8709
<i>BIOL-010-.06: All labs begin meeting the first week of the quarter. Students will be dropped if they do not attend the first class meeting - whether lec or lab. Some labs will be field trips.</i>				
20058 BIOL-010-.07	LEC 05:30 PM-07:20 PM	MW	SCHULTHEIS	8402
	L-L 07:30 PM-08:30 PM	M	SCHULTHEIS	8709
	LAB 08:30 PM-10:20 PM	M	SCHULTHEIS	8709
<i>BIOL-010-.07: All labs begin meeting the first week of the quarter. Students will be dropped if they do not attend the first class meeting - whether lec or lab. Some labs will be field trips TBA.</i>				
20534 BIOL-010-.08	LEC 05:30 PM-07:20 PM	MW	SCHULTHEIS	8402
	L-L 07:30 PM-08:30 PM	W	SCHULTHEIS	8709
	LAB 08:30 PM-10:20 PM	W	SCHULTHEIS	8709
<i>BIOL-010-.08: All labs begin meeting the first week of the quarter. Students will be dropped if they do not attend the first class meeting - whether lec or lab. Some labs will be field trips TBA.</i>				

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. Intended for both majors and GE students. Satisfies Lifelong Learning GE requirement at Foothill, CSU, and UC.

20535 BIOL-012-.01	LEC 02:00 PM-03:50 PM	MW	DUNCAN	8403
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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.

20059 BIOL-013-.01	LEC 12:00 PM-01:50 PM	TTh	OWEN	5406
	L-L 02:00 PM-02:50 PM	T	OWEN	5406
	LAB 03:00 PM-04:50 PM	T	OWEN	5406

BIOL-013-.01: All labs begin meeting the first week of the quarter. Students will be dropped if they do not attend the first class meeting - whether lec or lab. Some labs will be field trips.

21617 BIOL-013-.02	LEC 12:00 PM-01:50 PM	TTh	OWEN	5406
	L-L 02:00 PM-02:50 PM	Th	OWEN	5406
	LAB 03:00 PM-04:50 PM	Th	OWEN	5406

BIOL013.02: All labs begin meeting the first week of the quarter. Students will be dropped if they do not attend the first class meeting - whether lec or lab. Some labs will be field trips.

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.

20060 BIOL-014-.01	LEC 10:00 AM-11:50 AM	TTh	BERG	8403
	L-L 02:00 PM-02:50 PM	T	BERG	8711
	LAB 03:00 PM-04:50 PM	T	BERG	8711

BIOL-014-.01: All labs begin meeting the first week of the quarter. Students will be dropped if they do not attend the first class meeting - whether lec or lab. Some labs will be field trips.

20536 BIOL-014-.02	LEC 10:00 AM-11:50 AM	TTh	BERG	8403
	L-L 02:00 PM-02:50 PM	Th	BERG	8711
	LAB 03:00 PM-04:50 PM	Th	BERG	8711

BIOL-014-.02: All labs begin meeting the first week of the quarter. Students will be dropped if they do not attend the first class meeting - whether lec or lab. Some labs will be field trips.

20710 BIOL-014-.03	LEC 05:30 PM-07:20 PM	TTh	STAFF	8338
	L-L 07:30 PM-08:20 PM	T	STAFF	8711
	LAB 08:30 PM-10:30 PM	T	STAFF	8711
20711 BIOL-014-.04	LEC 05:30 PM-07:20 PM	TTh	STAFF	8338
	L-L 07:30 PM-08:20 PM	Th	STAFF	8711
	LAB 08:30 PM-10:30 PM	Th	STAFF	8711

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
BIOL 40A HUMAN ANATOMY & PHYSIOLOGY I		5 Units		
Prerequisite: High school biology or BIOL 10 or 14 or equivalent; high school chemistry or CHEM 30A or equivalent.				
Advisory: ENGL 1A, ESLL 26 or equivalent.				
4 hours lecture, 1 hour lecture-laboratory, 2 hours laboratory. (84 total hours per quarter.)				
Not Repeatable.				
Basic human anatomy and physiology. Emphasis on integration of systems and homeostatic mechanisms. Physical and chemical basis of life, histology and integumentary, skeletal and muscular systems. Designed for majors that require fundamental background in human anatomy and physiology. Completion of this course is required for BIOL 40B.				
20061 BIOL-040A-01	LEC 02:00 PM-03:50 PM	MW	MELIA	8338
	L-L 09:00 AM-09:50 AM	M	MELIA	5423
	LAB 10:00 AM-11:50 AM	M	MELIA	5423
<i>BIOL-040A-01: All labs begin meeting the first week of the quarter. Students will be dropped if they do not attend the first class meeting - whether lec or lab. Submit prerequisite proof of completion transcripts to counseling office; required for enrollment.</i>				
20537 BIOL-040A-02	LEC 02:00 PM-03:50 PM	MW	MELIA	8338
	L-L 02:00 PM-02:50 PM	T	MELIA	5423
	LAB 03:00 PM-04:50 PM	T	MELIA	5423
<i>BIOL-040A-02: All labs begin meeting the first week of the quarter. Students will be dropped if they do not attend the first class meeting - whether lec or lab. Submit prerequisite proof of completion transcripts to counseling office; required for enrollment.</i>				
20538 BIOL-040A-03	LEC 02:00 PM-03:50 PM	MW	MELIA	8338
	L-L 09:00 AM-09:50 AM	W	MELIA	5423
	LAB 10:00 AM-11:50 AM	W	MELIA	5423
<i>BIOL-040A-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.</i>				
20062 BIOL-040A-04	LEC 08:00 AM-09:50 AM	TTh	CIAMBRONE	8403
	L-L 10:00 AM-10:50 AM	T	CIAMBRONE	5423
	LAB 11:00 AM-12:50 PM	T	CIAMBRONE	5423
<i>BIOL-040A-04: 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.</i>				
20540 BIOL-040A-05	LEC 08:00 AM-09:50 AM	TTh	CIAMBRONE	8403
	L-L 10:00 AM-10:50 AM	Th	CIAMBRONE	5423
	LAB 11:00 AM-12:50 PM	Th	CIAMBRONE	5423
<i>BIOL-040A-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.</i>				
20063 BIOL-040A-07	LEC 05:30 PM-07:20 PM	MW	MELIA	8338
	L-L 07:30 PM-08:20 PM	M	MELIA	5423
	LAB 08:30 PM-10:20 PM	M	MELIA	5423
<i>BIOL-040A-07: 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.</i>				
20541 BIOL-040A-08	LEC 05:30 PM-07:20 PM	MW	MELIA	8338
	L-L 07:30 PM-08:20 PM	W	MELIA	5423
	LAB 08:30 PM-10:20 PM	W	MELIA	5423
<i>BIOL-040A-08: 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.</i>				
20064 BIOL-040A-09	LEC 08:00 AM-11:50 AM	S	BENTON	8402
	L-L 05:30 PM-06:20 PM	F	BENTON	8707
	LAB 06:30 PM-08:20 PM	F	BENTON	8707
<i>BIOL-040A-09: 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.</i>				
20065 BIOL-040A-10	LEC 08:00 AM-11:50 AM	S	BENTON	8402
	L-L 12:30 PM-01:20 PM	S	BENTON	8707
	LAB 01:30 PM-03:20 PM	S	BENTON	8707
<i>BIOL-040A-10: 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.</i>				
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				

◆ = Middlefield Campus class

✓ = Online or Hybrid class

● = Off-Campus class

Evening classes are shaded.

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
system. Completion of this course is required for BIOL 40C.				
20066 BIOL-040B-01	LEC 02:00 PM-03:50 PM TTh L-L 09:00 AM-09:50 AM T LAB 10:00 AM-11:50 AM T		LOPEZ LOPEZ LOPEZ	8338 8710 8710
<i>BIOL-040B-01: All labs begin meeting the first week of the quarter. Students will be dropped if they do not attend the first class meeting - whether lec. or lab. Submit prerequisite proof of completion transcripts to counseling office; required for enrollment.</i>				
20067 BIOL-040B-02	LEC 02:00 PM-03:50 PM TTh L-L 02:00 PM-02:50 PM W LAB 03:00 PM-04:50 PM W		LOPEZ LOPEZ LOPEZ	8338 8710 8710
<i>BIOL-040B-02: All labs begin meeting the first week of the quarter. Students will be dropped if they do not attend the first class meeting - whether lec. or lab. Submit prerequisite proof of completion transcripts to counseling office; required for enrollment.</i>				
20543 BIOL-040B-03	LEC 02:00 PM-03:50 PM TTh L-L 09:00 AM-09:50 AM Th LAB 10:00 AM-11:50 AM Th		LOPEZ LOPEZ LOPEZ	8338 8710 8710
<i>BIOL-040B-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.</i>				
20544 BIOL-040B-07	LEC 05:30 PM-07:20 PM TTh L-L 07:30 PM-08:20 PM T LAB 08:30 PM-10:20 PM T		KEW KEW KEW	8402 8710 8710
<i>BIOL-040B-07: 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.</i>				
20545 BIOL-040B-08	LEC 05:30 PM-07:20 PM TTh L-L 07:30 PM-08:20 PM Th LAB 08:30 PM-10:20 PM Th		KEW KEW KEW	8402 8710 8710
<i>BIOL-040B-08: 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.</i>				

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.

20068 BIOL-040C-01	LEC 02:00 PM-03:50 PM WF L-L 09:00 AM-09:50 AM W LAB 10:00 AM-11:50 AM W		BRANAGAN LOPEZ LOPEZ	8402 8710 8710
<i>BIOL-040C-01: All labs begin meeting the first week of the quarter. Students will be dropped if they do not attend the first class meeting - whether lec. or lab. Submit prerequisite proof of completion transcripts to counseling office; required for enrollment.</i>				
20546 BIOL-040C-02	LEC 02:00 PM-03:50 PM WF L-L 09:00 AM-10:00 AM F LAB 10:00 AM-11:50 AM F		BRANAGAN BRANAGAN BRANAGAN	8402 8710 8710
<i>BIOL-040C-02: All labs begin meeting the first week of the quarter. Students will be dropped if they do not attend the first class meeting - whether lec. or lab. Submit prerequisite proof of completion transcripts to counseling office; required for enrollment.</i>				

BIOL 41 MICROBIOLOGY 6 Units

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

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

20069 BIOL-041-01	LEC 12:00 PM-01:50 PM TTh L-L 09:00 AM-09:50 AM TTh LAB 10:00 AM-11:50 AM TTh		EDWARDS EDWARDS EDWARDS	8402 8708 8708
<i>BIOL-041-01: All labs begin meeting the first week of the quarter. Students will be dropped if they do not attend the first class meeting - whether lec. or lab. Submit prerequisite proof of completion transcripts to counseling office; required for enrollment.</i>				

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
20612 BIOL-041-02	LEC 12:00 PM-01:50 PM TTh L-L 09:00 AM-09:50 AM WF LAB 10:00 AM-11:50 AM WF		EDWARDS EDWARDS EDWARDS	8402 8708 8708
<i>BIOL-041-02: Meets 7/2-9/8 (10 wks). All labs begin meeting the first week of the quarter. Students will be dropped if they do not attend the first class meeting - whether lec. or lab. Submit prerequisite proof of completion transcripts to counseling office; required for enrollment.</i>				
20070 BIOL-041-03	LEC 12:00 PM-01:50 PM WF L-L 02:00 PM-02:50 PM TTh LAB 03:00 PM-04:50 PM TTh		EDWARDS GOSAVI GOSAVI	8402 8708 8708
<i>BIOL-041-03: 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.</i>				
20071 BIOL-041-04	LEC 12:00 PM-01:50 PM WF L-L 02:00 PM-02:50 PM WF LAB 03:00 PM-04:50 PM WF		EDWARDS GOSAVI GOSAVI	8402 8708 8708
<i>BIOL-041-04: 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.</i>				
20072 BIOL-041-05	LEC 05:30 PM-07:20 PM TTh L-L 07:30 PM-08:20 PM TTh LAB 08:30 PM-10:20 PM TTh		HURST HURST HURST	5001 8708 8708
<i>BIOL-041-05: 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.</i>				
20073 BIOL-041-06	LEC 05:30 PM-07:20 PM TTh L-L 05:30 PM-06:20 PM WF LAB 06:30 PM-08:30 PM WF		HURST LAMPARD LAMPARD	5001 8708 8708

BIOL 45 INTRODUCTION TO HUMAN NUTRITION 4 Units

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

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

✓ 20074 BIOL-045-01W	LEC TBA L-L TBA LAB TBA		TBA TBA HOLCROFT	ONLINE 5501
<i>BIOL-045-01W: Submit prerequisite proof of completion transcripts to counseling office; required for enrollment. Must request LATE ADD through foothillglobalaccess.org. Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/iga/ for information on how to begin.</i>				
20075 BIOL-045-02	LEC 06:00 PM-07:50 PM TTh		STAFF	5501
<i>BIOL-045-02: Submit prerequisite proof of completion transcripts to counseling office; required for enrollment.</i>				

BIOL 54H HONORS INSTITUTE SEMINAR IN BIOLOGY 1 Unit

Formerly: BIOL 34, BIOL 34H
Prerequisite: Honors Institute participant.
Advisory: Not open to students with credit in BIOL 34 or 34H.
1 hour lecture. (12 total hours per quarter.)
Not Repeatable.

A seminar in directed readings, discussions and projects in biology. Specific topic to be determined by the instructor. This advanced honors course is open to all majors. This course satisfies one of the two honors seminar requirements for the Foothill College Honors Scholar program.

20755 BIOL-054H-01H	LEC 10:00 AM-10:50 AM F		HOLCROFT	8709
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BIOL 58 FUNDAMENTALS OF PHARMACOLOGY 4 Units

Formerly: BIOL 46
Prerequisites: BIOL 40A, 40B and CHEM 30B.
Advisory: ENGL 1A or ESLL 26; not open to students with credit in BIOL 46.
Corequisite: Completion of, or concurrent enrollment in BIOL 40C.
4 hours lecture. (48 total hours per quarter.)
Not Repeatable.

General principles of pharmacology. Emphasis on drug-receptor interactions, second messenger systems, determinants of drug response, pharmacokinetics, bio transformation and excretion, pharmacogenetics, drug development and legal aspects of drug distribution. Application of pharmacological principles and concepts with emphasis on the various

◆ = Middlefield Campus class

✓ = Online or Hybrid class

● = Off-Campus class

Evening classes are shaded.

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
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pharmacological classes of drugs in diverse patient populations.

20507 BIOL-058.-01 LEC 05:30 PM-07:20 PM MW SU 8403
 BIOL-058.-01: Formerly BIOL 46. Not open to students with BIOL 46 credit. Submit prerequisite proof of completion transcripts to counseling office; required for enrollment.

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, 60

Advisory: MATH 220 or equivalent; BUSI 91L; eligibility for ENGL 1A or ESLL 26; not open to students with credit in CIS 10 or 60.

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

Not Repeatable.

Introduction to the concepts of management and information systems especially as used in business and similar organizations. Covers the need for information, how computers are used in business and other organizations to provide information, elements of computer hardware and software, software development, data storage and communication, programming concepts, and the social impact of computers. Hands-on introduction to personal productivity software such as word processing, spreadsheet, database, and presentation applications.

✓ 20902 BUSI-011.-01W LEC TBA TBA WILL ONLINE
 LAB TBA TBA WILL ONLINE
 BUSI-011.-01W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/tga/ for information on how to begin.

Previously CIS-10 & CIS-60.

✓ 20903 BUSI-011.-02W LEC TBA TBA WILL ONLINE
 LAB TBA TBA WILL ONLINE
 BUSI-011.-02W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/tga/ for information on how to begin.

Previously CIS-10 & CIS-60.

BUSI 18 BUSINESS LAW I 5 Units

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

21644 BUSI-018.-01Y LEC 08:00 AM-09:50 AM MW WONG 3015
 LEC TBA TBA WONG ONLINE
 BUSI-018.-01Y: Hybrid class: one weekly TBA hour via online instruction.

◆ 20077 BUSI-018.-02 LEC 06:00 PM-08:15 PM TTh MENDIZABAL MC IA
 21687 BUSI-018.-03Y LEC 10:00 AM-11:50 AM TTh VIOLETT 3015
 LEC TBA TBA VIOLETT ONLINE
 BUSI-018.-03Y: Hybrid class: one weekly TBA hour via online instruction.

BUSI 22 PRINCIPLES OF BUSINESS 5 Units

Advisory: Not open to students with credit in BUSI 52.

5 hours lecture. (60 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

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
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consumers and stakeholders and its global orientation. Includes focus on the economic, political, legal, social environments of business and corporate ethics and social responsibility.

21645 BUSI-022.-01Y LEC 08:00 AM-09:50 AM TTh VIOLETT 3015
 LEC TBA TBA VIOLETT ONLINE
 BUSI-022.-01Y: Hybrid class: one weekly TBA hour via online instruction.

21646 BUSI-022.-02Y LEC 10:00 AM-11:50 AM MW WONG 3204
 LEC TBA TBA WONG ONLINE
 BUSI-022.-02Y: Hybrid class: one weekly TBA hour via online instruction.

21647 BUSI-022.-03Y LEC 06:00 PM-09:40 PM W TICO 3204
 LEC TBA TBA TICO ONLINE
 BUSI-022.-03Y: Hybrid class: one weekly TBA hour via online instruction.

21648 BUSI-022.-04W LEC TBA TBA VIOLETT ONLINE
 BUSI-022.-04W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/tga/ for information on how to begin.

21649 BUSI-022.-05W LEC TBA TBA WILL ONLINE
 BUSI-022.-05W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/tga/ for information on how to begin.

21650 BUSI-022.-06 LEC 08:00 AM-09:50 AM MW STEWART 3203
 LEC 08:00 AM-08:50 AM F STEWART 3203

21652 BUSI-022.-08Y LEC 01:00 PM-02:50 PM TTh VIOLETT 3015
 LEC TBA TBA VIOLETT ONLINE
 BUSI-022.-08Y: Hybrid class: one weekly TBA hour via online instruction.

21688 BUSI-022.-09W LEC TBA TBA LEW ONLINE
 BUSI-022.-09W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/tga/ for information on how to begin.

BUSI 53 SURVEY OF INTERNATIONAL BUSINESS 4 Units

Advisory: Not open to students with credit in BIS 53 or 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.

20078 BUSI-053.-01 LEC 12:00 PM-01:50 PM TTh FELDER 3204

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.

20079 BUSI-059.-01 LEC 10:00 AM-11:50 AM MW VIOLETT 3015

BUSI 59A WEB MARKETING 5 Units

Advisory: BUSI 59B or equivalent coursework or experience.

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

Not Repeatable.

This course is an introduction to Internet marketing. The primary focus of this course will be on marketing strategies and techniques to help e-businesses reach potential customers, drive traffic to generate customer to e-business interaction, convert leads to sales, and to maintain customer relationships over time. In this hands-on course students will learn how to develop and launch a robust Internet Marketing Plan that relies on solid business practices and employs leading technologies to achieve increased product awareness and social influence, generate higher site traffic and sales, and establish long-term customer engagement.

21657 BUSI-059A-01W LEC TBA TBA LEW ONLINE
 BUSI-059A-01W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/tga/ for information on how to begin.

BUSI 90A PRINCIPLES OF MANAGEMENT 4 Units

Advisory: Eligibility for ENGL 1A or ESLL 26.

◆ = Middlefield Campus class

✓ = Online or Hybrid class

● = Off-Campus class

Evening classes are shaded.

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
21654 BUSI-090A-01	LEC	05:00 PM-08:40 PM T	GREENE	3015

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

Not Repeatable.

Introduction to the study of the principles and functions of business management as an important part of the social, political and economic environment. The following functional areas of management include: planning and organizing, control and monitoring, strategy and leadership, legal and ethical issues affecting business today.

BUSI 91L INTRODUCTION TO BUSINESS INFORMATION PROCESSING 4 Units

Formerly: BUSI 10

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

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

Not Repeatable.

Knowledge and understanding of business uses of computer and information processing. Introduction to computer hardware and software and popular operating systems. Hands-on experience in the use of word processing software, spreadsheet software, presentation graphics software, database software and communications software.

20861 BUSI-091L-01Y	LEC	06:00 PM-07:50 PM M	MCKEE	MC I2
	LEC	TBA	MCKEE	ONLINE

BUSI-091L-01Y: Hybrid class: one weekly TBA hour via online instruction.

20862 BUSI-091L-02W	LEC	TBA	MCKEE	ONLINE
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BUSI-091L-02W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.

BUSI 95 ENTREPRENEURSHIP - SMALL BUSINESS MANAGEMENT 4 Units

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

Not Repeatable.

Creating, managing and profiting from a small business. For potential or present entrepreneurs. Emphasis on organization and operation of a small business including problems of raising capital, establishing an effective marketing plan, and directing and motivating employees.

20080 BUSI-095-.01	LEC	05:00 PM-08:40 PM Th	DUBIN	4006
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BUSI 95E SMALL BUSINESS EXPORT & IMPORT 3 Units

Advisory: Not open to students with credit in BIS 95E.

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

Not Repeatable.

Challenges and opportunities of world trade through small business exporting and importing. The basic mechanics, market analysis, pricing, financing, marketing, insurance, transportation and distribution of exports/imports. Expert assistance and resources.

21655 BUSI-095E-01	LEC	05:00 PM-08:40 PM M	FELDER	3204
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COMPUTER SCIENCE

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

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

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

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

Not Repeatable.

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

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
21062 C S -001A-01Y	LEC	10:00 AM-11:50 AM TTh	STAFF	8401
	LAB	TBA	STAFF	ONLINE
21063 C S -001A-02Y	LEC	12:30 PM-02:20 PM TTh	STAFF	4308
	LAB	TBA	STAFF	ONLINE
21064 C S -001A-03Y	LEC	06:00 PM-07:50 PM MW	STAFF	8401
	LAB	TBA	STAFF	ONLINE
21065 C S -001A-04W	LEC	TBA	STAFF	ONLINE
	LAB	TBA	STAFF	ONLINE
21066 C S -001A-05W	LEC	TBA	STAFF	ONLINE
	LAB	TBA	STAFF	ONLINE
21067 C S -001A-06W	LEC	TBA	STAFF	ONLINE
	LAB	TBA	STAFF	ONLINE
21068 C S -001A-07W	LEC	TBA	STAFF	ONLINE
	LAB	TBA	STAFF	ONLINE

data abstraction, problem solving strategies, code style, documentation, debugging techniques and testing.

C S 1C ADVANCED DATA STRUCTURES & ALGORITHMS IN JAVA 5 Units

Prerequisite: C S 1B.

Advisory: ENGL 1A or ESLL 26.

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 splaying, AVL tree balancing, shortest path algorithms, minimum spanning trees and maximum flow graphs.

21073 C S -001C-01W	LEC	TBA	TBA	STAFF	ONLINE
	LAB	TBA	TBA	STAFF	ONLINE

C S -001C-01W: Please contact Counseling or PSME Dean for waiver to register.

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

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

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

Not Repeatable.

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

21069 C S -002A-01Y	LEC	08:00 AM-09:50 AM MW	STAFF	8401
	LAB	TBA	STAFF	ONLINE
21072 C S -002A-03W	LEC	TBA	STAFF	ONLINE
	LAB	TBA	STAFF	ONLINE
21822 C S -002A-04W	LEC	TBA	STAFF	ONLINE
	LAB	TBA	STAFF	ONLINE
21823 C S -002A-05W	LEC	TBA	STAFF	ONLINE
	LAB	TBA	STAFF	ONLINE

C S 2C ADVANCED DATA STRUCTURES & ALGORITHMS IN C++ 5 Units

Prerequisite: C S 2B.

Advisory: ENGL 1A or ESLL 26.

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 C++ programming language intended for Computer Science majors as well as non-majors and professionals seeking advanced C++ experience.

◆ = Middlefield Campus class

✓ = Online or Hybrid class

● = Off-Campus class

Evening classes are shaded.

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
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 splaying, AVL tree balancing, shortest path algorithms, minimum spanning trees and maximum flow graphs.				
✓ 21824 C S -002C-01W	LEC TBA LAB TBA	TBA TBA	STAFF STAFF	ONLINE ONLINE
<i>C S -002C-01W: Please contact Counseling or PSME Dean for waiver to register.</i>				
C S 10	COMPUTER ARCHITECTURE & ORGANIZATION	5 Units		
Prerequisite: C S 1A or 2A. Advisory: C S 1C or 2C. 4 hours lecture, 3 hours laboratory. (84 total hours per quarter.) Not Repeatable. The course covers the organization, architecture and machine-level programming of computer systems. Topics include mapping of high-level language constructs into assembly code, internal data representations, numerical computation, virtual memory, pipelines, caching, multitasking, MIPS architecture, MIPA assembly language code, interrupts, input/output, peripheral storage processing, and comparison of CISC (Intel) and RISC (MIPS) instruction sets.				
✓ 21074 C S -010-01Y	LEC 08:00 AM-09:50 AM LAB TBA	TTh TBA	STAFF STAFF	4714 ONLINE
C S 18	DISCRETE MATHEMATICS	5 Units		
<i>Formerly: CIS 18</i> Prerequisite: C S 1A; satisfactory score on the mathematics placement test or MATH 49 or 48C. Advisory: Eligibility for ENGL 1A or ESLL 26; not open to students with credit in CIS 18 or MATH 22. 5 hours lecture. (60 total hours per quarter.) Not Repeatable. Discrete mathematics: set theory, logic, Boolean algebra, methods of proof, mathematical induction, number theory, discrete probability, combinatorics, functions, relations, recursion, algorithm efficiencies, graphs, trees.				
21825 C S -018-01	LEC 01:30 PM-03:20 PM	MW	MORRISS	3403
C S 20A	PROGRAMMING IN C#	5 Units		
Advisory: C S 1A or 2A or equivalent. 4 hours lecture, 3 hours laboratory. (84 total hours per quarter.) Not Repeatable. This course is an introduction to the C# programming language and the .NET platform. It is intended for Computer Science majors as well as non-majors and professionals seeking C# programming experience. Topics include object oriented programming, graphical user interfaces, elementary data structures, algorithms, recursion, data abstraction, code style, documentation, debugging techniques and testing.				
✓ 21826 C S -020A-01Y	LEC 06:00 PM-07:50 PM LAB TBA	MW TBA	STAFF STAFF	4004 ONLINE
C S 30A	INTRODUCTION TO LINUX & UNIX	5 Units		
4 hours lecture, 3 hours laboratory. (84 total hours per quarter.) Not Repeatable. An introduction to the Linux and UNIX operating systems primarily focused on command line usage. Covers the history, kernel, file systems, shells and user utilities. Also introduces students to the fundamentals of shell programming, processes, communications, and basic security.				
✓ 21828 C S -030A-01Y	LEC 06:00 PM-07:50 PM LAB TBA	TTh TBA	STAFF STAFF	4305 ONLINE
✓ 21829 C S -030A-02W	LEC TBA LAB TBA	TBA TBA	STAFF STAFF	ONLINE ONLINE
C S 31A	INTRODUCTION TO DATABASE MANAGEMENT SYSTEMS	5 Units		

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
Advisory: C S 1A or C S 2A or equivalent. 4 hours lecture, 3 hours laboratory. (84 total hours per quarter.) Not Repeatable. This course covers database design and use of database management systems for applications. Topics include database architecture, comparison to file-based systems, historical data models, conceptual model; integrity constraints and triggers; functional dependencies and normal forms; relational model, algebra, database processing and Structured Query Language (SQL), database access from Applications-Embedded SQL, JDBC, Cursors, Dynamic SQL, Stored Procedures. Emerging trends will be studied, such as NoSQL databases, Internet & Databases and On-Line Analytical Processing (OLAP). A team project that builds a database application for a real-world scenario is an important element of the course.				
✓ 21830 C S -031A-01Y	LEC 06:00 PM-07:50 PM LAB TBA	TTh TBA	STAFF STAFF	4202 ONLINE
C S 49	FOUNDATIONS OF COMPUTER PROGRAMMING	2.5 Units		
Advisory: Satisfactory score on the mathematics placement test or MATH 105 or 108; concurrent enrollment in ESLL 25 or ENGL 209. 2 hours lecture, 2 hours laboratory. (48 total hours per quarter.) Not Repeatable. This course is an introduction to basic computer programming concepts using an object-oriented language. It is intended for students who may wish to take C S 1A or C S 2A, but would like a more gradual entry to computing foundations prior to taking those faster-paced courses. Coding topics include hands-on practice with software engineering tools, simple programs, variables, control structures, functions, and input/output. Concept topics include the comprehension of specifications, adherence to style guidelines, and the importance of testing to ensure that programs are usable, robust and modifiable.				
✓ 21831 C S -049-01Y	LEC 01:30 PM-03:20 PM LAB TBA	M TBA	STAFF STAFF	4306 ONLINE
C S 50A	NETWORK FUNDAMENTALS (CCNA)	5 Units		
4 hours lecture, 3 hours laboratory. (84 total hours per quarter.) Not Repeatable. This course uses the OSI and TCP/IP network protocol models to explain the communications in data networks. Students will learn the fundamentals of IPv4 addressing to allow them to design network address spaces, calculate network and host addresses, and apply subnet masks. Topics covered include basic cabling, encoding signals on the media, network designs to interconnect devices, the use CLI commands to perform basic router and switch configuration and verification, analysis of the operations and features of the application, transport and network layer protocols and services. This course helps prepare the student for the Cisco CCNA certification.				
✓ 21075 C S -050A-01Y	LEC 06:00 PM-09:50 PM LAB TBA	F TBA	STAFF STAFF	4308 ONLINE
✓ 21835 C S -050A-02Y	LEC 06:00 PM-09:50 PM LAB TBA	T TBA	STAFF STAFF	4308 ONLINE
C S 50B	IP ROUTING PROTOCOL FUNDAMENTALS (CCNA)	5 Units		
Advisory: C S 50A. 4 hours lecture, 3 hours laboratory. (84 total hours per quarter.) Not Repeatable. This course introduces routing and routing protocols in an IPv4 network. It includes the fundamentals of classfull and classless routing and routing protocols. The student learns the details of distance vector and link state routing protocols. RIP, EIGRP, and OSPF protocols are taught by both lecture and laboratory exercises. This course helps prepare the student for the Cisco CCNA certification.				
✓ 21076 C S -050B-01Y	LEC 06:00 PM-09:50 PM LAB TBA	W TBA	STAFF STAFF	4308 ONLINE
C S 52A	ADVANCED IP ROUTING PROTOCOLS & SERVICES (CCNP)	5 Units		
Advisory: C S 50B or equivalent experience.				

◆ = Middlefield Campus class

✓ = Online or Hybrid class

● = Off-Campus class

Evening classes are shaded.

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
21240 C S -052A-01Y	LEC 06:00 PM-09:50 PM LAB TBA	Th TBA	STAFF STAFF	4308 ONLINE

C S 54A STORAGE AREA NETWORKS 5 Units

Advisory: C S 50A, 50B, and 50C.

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

Not Repeatable.

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 offered as part of the EMC Academic Alliance Program by an EMC trained instructor. This course also prepares students for the Information Storage and Management certification exam (E20-001). Students who pass the exam receive the Information Storage Associate (EMCISA) credential.

21241 C S -054A-01Y	LEC 06:00 PM-09:50 PM LAB TBA	M TBA	STAFF STAFF	4308 ONLINE
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C S 63A DEVELOPING APPLICATIONS FOR IOS 5 Units

Advisory: C S 1B or 2B.

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

Not Repeatable.

An introduction to programming the iPhone, iPad and iPod Touch. Covers Objective-C, Cocoa Touch, and the Model/View/Controller architecture. Students will develop useful applications that include common user interface elements, web services, the device's GPS and camera.

21832 C S -063A-01Y	LEC 06:00 PM-07:50 PM LAB TBA	TTh TBA	STAFF STAFF	4223 ONLINE
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C S 64A WRITING APPS FOR THE ANDROID IN JAVA 5 Units

Advisory: C S 1B or 2B.

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

Not Repeatable.

This course is an introduction to mobile apps programming in Java for the Android, intended for CS majors as well as non-majors and professionals seeking mobile apps experience. Coding topics include the Android SDK for Eclipse, the ADT Plugin, XML fundamentals and a survey of API methods and objects used to control the Android user interface. Concept topics include layouts, activity lifecycles, runtime binding, intents, location awareness, audio, video, OpenGL ES, and monetizing apps.

21833 C S -064A-01Y	LEC 06:00 PM-07:50 PM LAB TBA	MW TBA	STAFF STAFF	4223 ONLINE
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CHEMISTRY

Physical Sciences, Mathematics & Engineering

(650) 949-7259

www.foothill.edu/psme/

CHEM 1A, 1B, 25, 30A, 30B: If you have not taken the prerequisite(s) at Foothill College, you will not be allowed to register without an equivalency form from the counseling office or waiver from the division office.

CHEM 1A GENERAL CHEMISTRY 5 Units

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

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
21706 CHEM-001A-01	LEC 12:00 PM-01:15 PM L-L 02:30 PM-03:20 PM LAB 03:30 PM-05:20 PM	TTh MW MW	LARSON LARSON LARSON	4501 4801 4801

Advisory: Concurrent enrollment in ESLL 25 or ENGL 209.

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

Not Repeatable.

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

21706 CHEM-001A-01	LEC 12:00 PM-01:15 PM L-L 02:30 PM-03:20 PM LAB 03:30 PM-05:20 PM	TTh MW MW	LARSON LARSON LARSON	4501 4801 4801
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CHEM-001A-01: Concurrent enrollment in Chemistry 70 is highly recommended to assist with your analytic and study skills in Chemistry. Internet access and B&W printing required. Color printing recommended. Additional costs for online materials or content in place of or in addition to a textbook may be required.

20081 CHEM-001A-02	LEC 12:00 PM-01:15 PM L-L 07:30 AM-08:20 AM LAB 08:30 AM-10:20 AM	TTh TTh TTh	LARSON LARSON LARSON	4501 4801 4801
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CHEM-001A-02: Concurrent enrollment in Chemistry 70 is highly recommended to assist with your analytic and study skills in Chemistry. Internet access and B&W printing required. Color printing recommended. Additional costs for online materials or content in place of or in addition to a textbook may be required.

20082 CHEM-001A-03	LEC 08:30 AM-09:45 AM L-L 11:00 AM-11:50 AM LAB 12:00 PM-01:50 PM	MW MW MW	DALEY DALEY DALEY	4501 4801 4801
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CHEM-001A-03: Concurrent enrollment in Chemistry 70 is highly recommended to assist with your analytic and study skills in Chemistry. Internet access and B&W printing required. Color printing recommended. Additional costs for online materials or content in place of or in addition to a textbook may be required.

20083 CHEM-001A-04	LEC 08:30 AM-09:45 AM L-L 11:00 AM-11:50 AM LAB 12:00 PM-01:50 PM	MW TTh TTh	DALEY DALEY DALEY	4501 4801 4801
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CHEM-001A-04: Concurrent enrollment in Chemistry 70 is highly recommended to assist with your analytic and study skills in Chemistry. Internet access and B&W printing required. Color printing recommended. Additional costs for online materials or content in place of or in addition to a textbook may be required.

20084 CHEM-001A-05	LEC 12:00 PM-01:15 PM L-L 07:30 AM-08:20 AM LAB 08:30 AM-10:20 AM	MW MW MW	STAFF STAFF STAFF	4501 4801 4801
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CHEM-001A-05: Concurrent enrollment in Chemistry 70 is highly recommended to assist with your analytic and study skills in Chemistry. Internet access and B&W printing required. Color printing recommended. Additional costs for online materials or content in place of or in addition to a textbook may be required.

20085 CHEM-001A-06	LEC 12:00 PM-01:15 PM L-L 02:30 PM-03:20 PM LAB 03:30 PM-05:20 PM	MW TTh TTh	STAFF STAFF STAFF	4501 4801 4801
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CHEM-001A-06: Concurrent enrollment in Chemistry 70 is highly recommended to assist with your analytic and study skills in Chemistry. Internet access and B&W printing required. Color printing recommended. Additional costs for online materials or content in place of or in addition to a textbook may be required.

20547 CHEM-001A-07	LEC 06:00 PM-07:15 PM L-L 07:30 PM-08:20 PM LAB 08:30 PM-10:20 PM	TTh MW MW	STAFF STAFF STAFF	4501 4801 4801
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CHEM-001A-07: Concurrent enrollment in Chemistry 70 is highly recommended to assist with your analytic and study skills in Chemistry. Internet access and B&W printing required. Color printing recommended. Additional costs for online materials or content in place of or in addition to a textbook may be required.

20639 CHEM-001A-08	LEC 06:00 PM-07:15 PM L-L 07:30 PM-08:20 PM LAB 08:30 PM-10:20 PM	TTh TTh TTh	STAFF STAFF STAFF	4501 4801 4801
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CHEM-001A-08: Concurrent enrollment in Chemistry 70 is highly recommended to assist with your analytic and study skills in Chemistry. Internet access and B&W printing required. Color printing recommended. Additional costs for online materials or content in place of or in addition to a textbook may be required.

21707 CHEM-001A-09	LEC 12:00 PM-01:15 PM L-L 07:30 AM-08:20 AM LAB 08:30 AM-10:20 AM	TTh TTh TTh	STAFF STAFF STAFF	4602 4814 4814
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21739 CHEM-001A-10	LEC 06:00 PM-07:15 PM L-L 07:30 PM-08:20 PM LAB 08:30 PM-10:20 PM	MW MW MW	STAFF STAFF STAFF	4604 4814 4814
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CHEM 1B GENERAL CHEMISTRY 5 Units

Prerequisite: CHEM 1A.

◆ = Middlefield Campus class

✓ = Online or Hybrid class

● = Off-Campus class

Evening classes are shaded.

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

20086 CHEM-001B-01	LEC	12:00 PM-01:15 PM MW	RAO	4502
	L-L	07:30 AM-08:20 AM MW	RAO	4814
	LAB	12:00 PM-01:50 PM MW	RAO	4814

CHEM-001B-01: Internet access and B&W printing required. Color printing recommended. Additional costs for online materials or content in place of or in addition to a textbook may be required.

20087 CHEM-001B-02	LEC	12:00 PM-01:15 PM MW	RAO	4502
	L-L	11:00 AM-11:50 AM TTh	RAO	4814
	LAB	12:00 PM-01:50 PM TTh	RAO	4814

CHEM-001B-02: Internet access and B&W printing required. Color printing recommended. Additional costs for online materials or content in place of or in addition to a textbook may be required.

20088 CHEM-001B-03	LEC	12:00 PM-01:15 PM MW	STAFF	4601
	L-L	02:30 PM-03:20 PM MW	STAFF	4814
	LAB	03:30 PM-05:20 PM MW	STAFF	4814

CHEM-001B-03: Internet access and B&W printing required. Color printing recommended. Additional costs for online materials or content in place of or in addition to a textbook may be required.

CHEM 1C GENERAL CHEMISTRY & QUALITATIVE ANALYSIS 5 Units

Prerequisite: CHEM 1B.

**3 hours lecture, 2 hours lecture-laboratory, 4 hours laboratory. (108 total hours per quarter.)
Not Repeatable.**

Aqueous ionic equilibria of buffers, solubility product constants and formation constants; properties of solutions including factors affecting solubility, energy changes in the solution process and colligative properties; electrochemistry including the thermodynamics of voltaic cells; introduction to coordination chemistry and bonding theory; nuclear chemistry with emphasis on applications; and, time permitting, an introduction to modern materials. Laboratory parallels lecture topics with an introduction to qualitative inorganic analysis.

20089 CHEM-001C-01	LEC	12:00 PM-01:15 PM TTh	STAFF	4502
	L-L	02:00 PM-02:50 PM TTh	STAFF	4812
	LAB	03:00 PM-04:50 PM TTh	STAFF	4812

CHEM-001C-01: Internet access and B&W printing required. Color printing recommended. Additional costs for online materials or content in place of or in addition to a textbook may be required.

20090 CHEM-001C-02	LEC	12:00 PM-01:15 PM TTh	STAFF	4502
	L-L	07:30 AM-08:20 AM TTh	STAFF	4812
	LAB	08:30 AM-10:20 AM TTh	STAFF	4812

CHEM-001C-02: Internet access and B&W printing required. Color printing recommended. Additional costs for online materials or content in place of or in addition to a textbook may be required.

21249 CHEM-001C-03	LEC	06:00 PM-07:15 PM MW	STAFF	4601
	L-L	07:30 PM-08:20 PM MW	STAFF	4812
	LAB	08:30 PM-10:20 PM TTh	STAFF	4812

CHEM-001C-03: Internet access and B&W printing required. Color printing recommended. Additional costs for online materials or content in place of or in addition to a textbook may be required.

CHEM 12A ORGANIC CHEMISTRY 6 Units

Prerequisite: CHEM 1C.

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

This course is the first quarter of a three quarter Sophomore level course describing the chemistry of organic (carbon containing) compounds. Emphasis on structure-reactivity relationships, mechanisms of functional group transformations, and the preparation, and purification of organic compounds. For biological science, chemistry, environmental science majors and students pursuing careers in dentistry, medicine, pharmacy, or veterinary medicine. Generally not appropriate for nursing majors (see CHEM 30B)

20091 CHEM-012A-01	LEC	10:00 AM-11:50 AM MW	ARMSTRONG	4501
	L-L	02:00 PM-02:50 PM MW	ARMSTRONG	4813
	LAB	03:00 PM-04:50 PM MW	ARMSTRONG	4804

CHEM-012A-01: Additional costs for online materials or content in place of or in addition to a textbook

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

20549 CHEM-012A-02	LEC	10:00 AM-11:50 AM MW	ARMSTRONG	4501
	L-L	08:00 AM-08:50 AM TTh	ARMSTRONG	4813
	LAB	09:00 AM-10:50 AM TTh	ARMSTRONG	4804

CHEM-012A-02: Additional costs for online materials or content in place of or in addition to a textbook may be required.

20092 CHEM-012A-03	LEC	03:00 PM-04:50 PM TTh	STAFF	4501
	L-L	11:00 AM-11:50 AM MW	STAFF	4813
	LAB	12:00 PM-01:50 PM MW	STAFF	4804

CHEM-012A-03: Additional costs for online materials or content in place of or in addition to a textbook may be required.

20550 CHEM-012A-04	LEC	03:00 PM-04:50 PM TTh	STAFF	4501
	L-L	11:00 AM-11:50 AM TTh	STAFF	4813
	LAB	12:00 PM-01:50 PM TTh	STAFF	4804

CHEM-012A-04: Additional costs for online materials or content in place of or in addition to a textbook may be required.

CHEM 20 I MATTER: INTRODUCTION TO GREEN CHEMISTRY & THE ENVIRONMENT 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.**

This course introduces students to one of the most significant emerging fields in modern chemistry, green chemistry, which connects the optimum use of chemistry to the well-being of humanity and the environment. The course will cover the fundamental principles of chemistry necessary to understand the source and fate of man-made chemical substances in the environment and potential impacts on human health. Chemical concepts such as atomic structure, bonding, thermodynamics, and chemical reactivity are introduced as they pertain to particular environmental issues. Basic chemical laboratory techniques and methods are included as well as a survey of important green chemical principles with an emphasis on inquiry and problem solving. Intended for students who wish to meet general education requirements in physical science.

21781 CHEM-020-01	LEC	03:00 PM-04:50 PM MW	HOLLAND	4604
	L-L	11:00 AM-11:50 AM W	HOLLAND	TBA
	LAB	12:00 PM-01:50 PM W	HOLLAND	TBA

CHEM 25 FUNDAMENTALS OF CHEMISTRY 5 Units

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

Advisory: Concurrent enrollment in ESLL 25 or ENGL 209.

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

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

20093 CHEM-025-01	LEC	12:00 PM-01:50 PM MW	STAFF	5501
	L-L	07:30 AM-08:20 AM M	STAFF	4812
	LAB	08:30 AM-10:20 AM M	STAFF	4812

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

20551 CHEM-025-02	LEC	12:00 PM-01:50 PM MW	STAFF	5501
	L-L	07:30 AM-08:20 AM W	STAFF	4812
	LAB	08:30 AM-10:20 AM W	STAFF	4812

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

20552 CHEM-025-03	LEC	08:00 AM-09:50 AM TTh	STAFF	4501
	L-L	11:00 AM-11:50 AM T	STAFF	4812
	LAB	12:00 PM-01:50 PM T	STAFF	4812

CHEM-025-03: Additional costs for online materials or content in place of or in addition to a textbook may be required.

20094 CHEM-025-04	LEC	08:00 AM-09:50 AM TTh	STAFF	4501
	L-L	11:00 AM-11:50 AM Th	STAFF	4812
	LAB	12:00 PM-01:50 PM Th	STAFF	4812

CHEM-025-04: Additional costs for online materials or content in place of or in addition to a textbook

◆ = Middlefield Campus class

✓ = Online or Hybrid class

● = Off-Campus class

Evening classes are shaded.

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
<i>may be required.</i>				
20095 CHEM-025-.05	LEC 03:00 PM-04:50 PM MW	STAFF	4501	
	L-L 11:00 AM-11:50 AM M	STAFF	4812	
	LAB 12:00 PM-01:50 PM M	STAFF	4812	
<i>CHEM-025-.05: Additional costs for online materials or content in place of or in addition to a textbook may be required.</i>				
20650 CHEM-025-.06	LEC 03:00 PM-04:50 PM MW	STAFF	4501	
	L-L 11:00 AM-11:50 AM W	STAFF	4812	
	LAB 12:00 PM-01:50 PM W	STAFF	4812	
<i>CHEM-025-.06: Additional costs for online materials or content in place of or in addition to a textbook may be required.</i>				
21012 CHEM-025-.07	LEC 05:30 PM-07:20 PM TTh	STAFF	4502	
	L-L 07:30 PM-08:20 PM T	STAFF	4812	
	LAB 08:30 PM-10:20 PM T	STAFF	4812	
21779 CHEM-025-.08	LEC 05:30 PM-07:20 PM TTh	STAFF	4502	
	L-L 07:30 PM-08:20 PM Th	STAFF	4812	
	LAB 08:30 PM-10:20 PM Th	STAFF	4812	
21780 CHEM-025-.09	LEC 12:00 PM-01:50 PM TTh	HOLLAND	4604	
	L-L 02:30 PM-03:20 PM T	HOLLAND	TBA	
	LAB 03:30 PM-05:20 PM T	HOLLAND	TBA	

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
Not Repeatable.				
This is a course covering basic principles of organic chemistry and biological chemistry. Topics include organic chemistry nomenclature, functional groups, and an introduction to structure and properties of carbohydrates, lipids, nucleic acids, proteins and enzymes. An overview of metabolism will also be given. This chemistry course is primarily for students entering the allied health field including: nursing, dental hygiene, and biotechnology.				
20099 CHEM-030B-01	LEC 12:00 PM-01:50 PM TTh	STAFF	4301	
	L-L 02:30 PM-03:20 PM T	STAFF	4719	
	LAB 03:30 PM-05:20 PM T	STAFF	4719	
<i>CHEM-030B-01: Additional costs for online materials or content in place of or in addition to a textbook may be required.</i>				
20100 CHEM-030B-02	LEC 12:00 PM-01:50 PM TTh	STAFF	4301	
	L-L 02:30 PM-03:20 PM Th	STAFF	4719	
	LAB 03:30 PM-05:20 PM Th	STAFF	4719	
<i>CHEM-030B-02: Additional costs for online materials or content in place of or in addition to a textbook may be required.</i>				

CHEM 30A SURVEY OF INORGANIC & ORGANIC CHEMISTRY 5 Units

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

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

Not Repeatable.

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

20096 CHEM-030A-01	LEC 12:00 PM-01:50 PM MW	STAFF	4604	
	L-L 02:30 PM-03:20 PM M	STAFF	4719	
	LAB 03:39 PM-05:29 PM M	STAFF	4719	

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

20553 CHEM-030A-02	LEC 12:00 PM-01:50 PM MW	STAFF	4201	
	L-L 02:30 PM-03:20 PM W	STAFF	4719	
	LAB 03:30 PM-05:20 PM W	STAFF	4719	

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

20097 CHEM-030A-03	LEC 08:00 AM-09:50 AM TTh	STAFF	4201	
	L-L 11:00 AM-11:50 AM T	STAFF	4719	
	LAB 12:00 PM-01:50 PM T	STAFF	4719	

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

20098 CHEM-030A-04	LEC 08:00 AM-09:50 AM TTh	STAFF	4201	
	L-L 11:00 AM-11:50 AM Th	STAFF	4719	
	LAB 12:00 PM-01:50 PM Th	STAFF	4719	

CHEM-030A-04: Additional costs for online materials or content in place of or in addition to a textbook may be required.

20555 CHEM-030A-05	LEC 05:30 PM-07:20 PM TTh	STAFF	5502	
	L-L 07:30 PM-08:20 PM T	STAFF	4719	
	LAB 08:30 PM-10:20 PM T	STAFF	4719	

CHEM-030A-05: Additional costs for online materials or content in place of or in addition to a textbook may be required.

21020 CHEM-030A-06	LEC 05:30 PM-07:20 PM TTh	STAFF	5502	
	L-L 07:30 PM-08:20 PM Th	STAFF	4719	
	LAB 08:30 PM-10:20 PM Th	STAFF	4719	

CHEM-030A-06: Additional costs for online materials or content in place of or in addition to a textbook may be required.

CHEM 30B SURVEY OF ORGANIC & BIOCHEMISTRY 5 Units

Prerequisite: CHEM 30A.

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

CHEM 70 STUDY SKILLS & PROBLEM SOLVING STRATEGIES FOR CHEM 1A 2 Units

Corequisite: CHEM 1A.

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

Not Repeatable.

This course focuses on two objectives: (1) Development of study skills and strategies needed to succeed in a college level science course including listening and note taking skills, time management, use of textbooks, management of effective study sessions and study groups, managing lecture and laboratory work, analyzing figures and graphs, test preparation and test taking strategies. (2) Development of analytical reasoning strategies, critical thinking skills and problem-solving abilities with a focus on topics the student must master in CHEM 1A in order to succeed in subsequent courses, CHEM 1B and 1C.

20548 CHEM-070-.01	LEC 12:00 PM-12:50 PM MW	LARSON	4813	
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ADVISORY: CLASS IS PASS / NO PASS

CHILD DEVELOPMENT

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

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

CHLD 1 CHILD DEVELOPMENT: PRENATAL TO EARLY CHILDHOOD 4 Units

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

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

Not Repeatable.

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

20852 CHLD-001-.01	LEC 08:00 AM-09:50 AM MW	CARDUCCI	3201	
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CHLD-001-.01: Previously CHLD-55.

✓ 20854 CHLD-001-.02W	LEC TBA	TBA	KERBEY	ONLINE
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CHLD-001-.02W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/tga/ for information on how to begin.

Previously CHLD-55.

◆ 20856 CHLD-001-.03	LEC 06:00 PM-09:50 PM W	KERBEY	MC J2	
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CHLD-001-.03: Previously CHLD-55.

◆ 21839 CHLD-001-.04	LEC 06:00 PM-09:50 PM M	STAFF	MC	
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CHLD-001-.04: This course is offered through MAP Your Future and is available through a separate program application. For application information contact Outreach Coordinator Alexandra Duran at 650.949.6973. Class runs from 9/23/13 to 12/13/13.

CHLD 2 CHILD DEVELOPMENT: MIDDLE CHILDHOOD TO ADOLESCENCE 4 Units

◆ = Middlefield Campus class

✓ = Online or Hybrid class

● = Off-Campus class

Evening classes are shaded.

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
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**4 hours lecture. (48 total hours per quarter.)
Not Repeatable.**

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

20853 CHLD-002.-01 LEC 08:00 AM-09:50 AM TTh WACHOB 3202
CHLD-002.-01: Previously CHLD-55.

✓ 20855 CHLD-002.-02W LEC TBA TBA SMITH ONLINE
CHLD-002.-02W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.

Previously CHLD-55.

◆ 20857 CHLD-002.-03 LEC 06:00 PM-09:50 PM M DAVE MC J2
CHLD-002.-03: Previously CHLD-55.

● 21840 CHLD-002.-04 LEC 05:30 PM-09:10 PM M PEREZ HERNANDEZ CCOC
CHLD-002.-04: This course is offered at the Central County Occupation Center in San Jose and is available through a separate program application. For application information contact Outreach Coordinator Alexandra Duran at 650.949.6973.

CHLD 51A AFFIRMING DIVERSITY IN EDUCATION 4 Units

Formerly: CHLD 11

Advisory: Eligibility for ENGL 1A or ESSL 26; not open to students with credit in CHLD 11.

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

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.

◆ 20905 CHLD-051A-01 LEC 06:00 PM-09:40 PM T SMITH MC J6

✓ 21841 CHLD-051A-02W LEC TBA TBA KERBEY ONLINE
CHLD-051A-02W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.

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

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

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

◆ 20101 CHLD-056N-01 LEC 06:00 PM-09:40 PM Th THOMAS MC J7

CHLD 63N ARTISTIC & CREATIVE DEVELOPMENT 3 Units

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

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.

◆ 20682 CHLD-063N-01 LEC 06:00 PM-08:40 PM W KOUKOUTSAKIS MC J2

CHLD 71 PLANNING CREATIVE ART ACTIVITIES FOR CHILDREN 1 Unit

**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 Course ID	Title Activity	Units Time Days	Instructor	Location
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● 21696 CHLD-071.-01 LEC 09:00 AM-02:50 PM SU MARSHALL CCOC
CHLD-071.-01: This course is offered at the Central County Occupation Center in San Jose and is available through a separate program application. For application information contact Outreach Coordinator Alexandra Duran at 650.949.6973. This class meets one weekend: 9/27 and 9/28, 2013.

◆ 21846 CHLD-071.-02 LEC 09:00 AM-11:50 AM MW STAFF MC
CHLD-071.-02: This course is offered through MAP Your Future and is available through a separate program application. For application information contact Outreach Coordinator Alexandra Duran at 650.949.6973. Class runs from 9/23/13 to 10/2/13.

CHLD 79 CARING FOR INFANTS & TODDLERS IN GROUPS 3 Units

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

Overview of infant and 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.

◆ 20102 CHLD-079.-01 LEC 06:30 PM-09:20 PM Th PEREZ HERNANDEZ MC P3

CHLD 82 PLANNING CREATIVE DRAMATICS 1 Unit

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

Introduction to creative dramatics for the child; dramatic play, puppetry, role playing, acting out stories; how to implement creative dramatics. The emergence of creativity, imagining, and empathizing with others. Techniques for promoting children's sensitivity to, and use of, various dramatic art forms. Role of the parent and teacher in facilitating children's explorations.

◆ 21842 CHLD-082.-01 LEC 06:00 PM-09:50 PM F WACHOB MC
LEC 09:30 AM-05:30 PM S WACHOB MC
CHLD-082.-01: Class meets one weekend: 10/11-12, 2013.

CHLD 86A MENTORING THE EARLY CARE & EDUCATION PROFESSIONAL 4 Units

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 teachers 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.

◆ 21794 CHLD-086A-01 LEC 06:00 PM-09:50 PM F THOMAS MC J7
LEC 09:30 AM-05:20 PM S THOMAS MC J7
◆ LEC 06:00 PM-09:50 PM F THOMAS MC J7
LEC 09:30 AM-05:20 PM S THOMAS MC J7
◆ LEC 06:00 PM-09:50 PM F THOMAS MC J7
LEC 09:30 AM-05:20 PM S THOMAS MC J7
◆ LEC 06:00 PM-09:50 PM F THOMAS MC J7
LEC 09:30 AM-05:20 PM S THOMAS MC J7

CHLD-086A-01: Class meets on the following four weekends: 9/27-28, 10/18-19, 11/8-9, and 11/22-23, 2013 on Fridays from 6:00pm to 9:50pm and Saturdays from 9:30am to 5:20pm.

CHLD 86B PRACTICUM STUDENT TEACHING IN AN EARLY CHILDHOOD PROGRAM 5 Units

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

◆ = Middlefield Campus class

✓ = Online or Hybrid class

● = Off-Campus class

Evening classes are shaded.

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
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areas will be emphasized as student teachers design, implement and evaluate experiences that promote positive development and learning for all young children.

◆ 20103	CHLD-086B-01	LEC 06:30 PM-08:20 PM M LAB TBA TBA	KOUKOUTSAKIS KOUKOUTSAKIS	MC P3 MC
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CHLD-086B-01: Students interested in taking this course are required to contact instructor via email at jkouk@aol.com to receive permission prior to registering.

CHLD 88 CHILD, FAMILY & COMMUNITY 4 Units
4 hours lecture. (48 total hours per quarter.)
Not Repeatable.

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

◆ 20104	CHLD-088-.01	LEC 06:00 PM-09:40 PM T	THOMAS	MC J7
✓ 20859	CHLD-088-.02W	LEC TBA TBA	CARDUCCI	ONLINE

CHLD-088-.02W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.

CHLD 88B POSITIVE BEHAVIOR MANAGEMENT 2 Units
2 hours lecture. (24 total hours per quarter.)
Not Repeatable.

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

◆ 21844	CHLD-088B-0	LEC 09:00 AM-11:50 AM MW	STAFF	MC
◆ 20478	CHLD-088B-01	LEC 06:30 PM-08:20 PM M	CHANG	MC J2
● 21698	CHLD-088B-02	LEC 09:00 AM-02:50 PM S LEC 09:00 AM-02:50 PM U LEC 09:00 AM-02:50 PM S LEC 09:00 AM-02:50 PM U LEC 09:00 AM-02:50 PM S LEC 09:00 AM-02:50 PM U LEC 09:00 AM-02:50 PM S LEC 09:00 AM-02:50 PM U	GIOTTA GIOTTA GIOTTA GIOTTA GIOTTA GIOTTA GIOTTA GIOTTA	CCOC CCOC CCOC CCOC CCOC CCOC CCOC CCOC

CHLD-088B-02: This course is offered through MAP Your Future and is available through a separate program application. For application information contact Outreach Coordinator Alexandra Duran at 650.949.6973. Class meets the following four weekends: 10/5-6, 10/12-13, 10/19-20 and 10/26-27, 2013.

CHLD 90B ADMINISTRATION & SUPERVISION OF CHILDREN'S PROGRAMS PART I 4 Units
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.

◆ 20472	CHLD-090B-01	LEC 06:00 PM-09:40 PM W	THOMAS	MC J7
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CHLD 95 HEALTH, SAFETY & NUTRITION IN CHILDREN'S PROGRAMS 3 Units
3 hours lecture. (36 total hours per quarter.)
Not Repeatable.

For child care providers engaged in-home or classroom care of young children. Topics include how to improve health and safety procedures, signs and symptoms of infectious diseases, knowledge of sanitary food handling, child nutrition and physical fitness, signs and symptoms of child abuse, and emergency preparedness and evacuation. Student earns a first aid with CPR training certificate. Course meets Title 22, Section 101215.1 California State Licensing requirement.

◆ 21843	CHLD-095-.01	LEC 06:00 PM-08:50 PM T	GIOTTA	MC
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CHLD 53NP DEVELOPMENT OF CHILDREN WITH SPECIAL NEEDS 3 Units
3 hour lecture. (36 total hours per quarter.)

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

◆ 21787	CHLD-53NP-01	LEC 09:00 AM-03:00 PM S LEC 09:00 AM-03:00 PM U LEC 09:00 AM-03:00 PM S LEC 09:00 AM-03:00 PM U LEC 09:00 AM-03:00 PM S LEC 09:00 AM-03:00 PM U	MAYEKAWA MAYEKAWA MAYEKAWA MAYEKAWA MAYEKAWA MAYEKAWA	MC J7 MC J7 MC J7 MC J7 MC J7 MC J7
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CHLD-53NP-01: Class meets three weekends: 10/5-6, 10/26-27 and 11/16-17, 2013.

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 5 INTRODUCTION TO COLLEGE 1 Unit
Formerly: CNSL 50

Advisory: Not open to students with credit in CNSL 50.
1 hour lecture. (12 total hours per quarter.)
Not Repeatable.

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

✓ 21382	CNSL-005-.01W	LEC TBA TBA	JINNAH	ONLINE
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CNSL-005-.01W: Offered via Internet. Formerly CNSL 50. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin. This class runs 6 weeks only 9/23/13-11/2/13.

✓ 21383	CNSL-005-.02W	LEC TBA TBA	BERTANI	ONLINE
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CNSL-005-.02W: Formerly CNSL 50. Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin. Course runs 9/23/13-11/2/13.

✓ 21480	CNSL-005-.03W	LEC TBA TBA	WU	ONLINE
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CNSL-005-.03W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin. Formerly CNSL 50. Class runs 9/23/13-11/2/13.

21384	CNSL-005-.04	LEC 10:00 AM-10:50 AM MW	TAKETA	8330
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CNSL-005-.04: This course was formerly CNSL 50. Class runs 9/23/13-10/31/13.

✓ 21531	CNSL-005-.04W	LEC TBA TBA	LEE	ONLINE
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CNSL-005-.04W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin. Formerly CNSL 50. Class runs 9/23/13-11/2/13.

21385	CNSL-005-.05	LEC 11:00 AM-11:50 AM MW	TAKETA	8330
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CNSL-005-.05: Course was formerly CNSL 50. Class runs 6 weeks only from 9/23/13-10/30/13.

21387	CNSL-005-.06	LEC 01:00 PM-01:50 PM MW	CELLILO	6506
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CNSL-005-.06: Course was formerly CNSL 50. Class runs 6 weeks only from 9/23/13-10/30/13.

21386	CNSL-005-.07	LEC 09:00 AM-09:50 AM MW	CELLILO	8330
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CNSL-005-.07: Course was formerly CNSL 50. Class runs for 6 weeks only from 9/23/13-10/30/13.

21392	CNSL-005-.08	LEC 03:00 PM-03:50 PM MW	TAKETA	6307
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CNSL-005-.08: This course was formerly CNSL 50. Class runs for 6 weeks only from 9/23/13-10/30/13.

21403	CNSL-005-.09	LEC 10:00 AM-10:50 AM TTh	SERNA	6708
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CNSL-005-.09: This course was formerly CNSL 50. Class meets for 6 weeks only from 9/24/13-10/31/13.

21471	CNSL-005-.10	LEC 02:00 PM-02:50 PM TTh	JOHNSON	8330
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CNSL-005-.10: This course was formerly CNSL 50. Class meets for 6 weeks only from 9/24/13-10/31/13.

21481	CNSL-005-.11	LEC 11:00 AM-11:50 AM MW	MILLER	6201
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CNSL-005-.11: This course was formerly CNSL 50. Class meets for 6 weeks only from 9/23/13-10/30/13.

21573	CNSL-005-.12	LEC 04:00 PM-05:50 PM T	VANCE-LEE	8330
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CNSL-005-.12: Course was formerly CNSL 50. This class runs for 6 weeks from 9/24/13-10/29/13.

21388	CNSL-005-.20I	LEC 12:00 PM-12:50 PM MW	LEW	6305
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CNSL-005-.20I: This class is for F-1 Visa international students only and meets for 6 weeks from 9/23/13-10/30/13.

21389	CNSL-005-.21I	LEC 12:00 PM-12:50 PM TTh	LEW	6506
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CNSL-005-.21I: This class is for F-1 Visa international students only and meets for 6 weeks from 9/23/13-10/30/13.

◆ = Middlefield Campus class

✓ = Online or Hybrid class

● = Off-Campus class

Evening classes are shaded.

Course Number CRN	Course ID	Title Activity	Units Time	Days	Instructor	Location
9/24/13-10/31/13.						
21390	CNSL-005.-22I	LEC 01:30 PM-02:20 PM MW	GOODWIN	6307	CNSL-005.-22I: This class is for F-1 Visa international students only. It runs for 6 weeks from 9/23/13-10/30/13.	
21391	CNSL-005.-23I	LEC 04:00 PM-04:50 PM MW	GOODWIN	3204	This class is for F-1 Visa international students only. It runs for 6 weeks from 9/23/13-10/30/13.	
Fall modification date: May 22, 2013						
21400	CNSL-005.-24I	LEC 12:00 PM-12:50 PM TTh	DENVER	8330	CNSL-005.-24I: This class is for F-1 Visa international students only. It runs for 6 weeks from 9/24/13-10/31/13.	
Fall modification date: May 22, 2013.						
21401	CNSL-005.-25I	LEC 02:00 PM-02:50 PM TTh	DENVER	6507	CNSL-005.-25I: This class is for F-1 Visa international students only. It runs for 6 weeks from 9/24/13-10/31/13.	
Fall modification date: May 22, 2013.						
21477	CNSL-005.-26I	LEC 01:00 PM-01:50 PM MW	LANE	6507	CNSL-005.-26I: This class is for F-1 Visa international student only. It runs for 6 weeks from 9/23/13-10/30/13.	
21479	CNSL-005.-27I	LEC 12:00 PM-12:50 PM TTh	LANE	6306	CNSL-005.-27I: This class is for F-1 Visa international student only. It runs for 6 weeks from 9/24/13-10/31/13.	

Course Number CRN	Course ID	Title Activity	Units Time	Days	Instructor	Location
Not Repeatable. Approaches to college learning, including diagnosis of difficulties and a development of new skills.						
✓21024	CNSL-053.-01W	LEC TBA	TBA	VANCE-LEE	ONLINE	CNSL-053.01W: The above course is offered via internet. After registering, you must refer to course descriptions at www.foothill.edu/tga/ for information on how to begin.
21404	CNSL-053.-03	LEC 12:00 PM-01:15 PM TTh	SERNA	3307	CNSL-053.-03: This course is specifically designed to be for disqualified students and those on third level probation. Please see a counselor before registering.	

CNSL 72 STRESS, WELLNESS & COPING 3 Units
Advisory: Not open to students with credit in SPED 72.
3 hours lecture. (36 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.

21632	CNSL-072.-01	LEC 10:00 AM-11:30 AM TTh	EMANUEL	8330	CNSL-072.-01: Previously cross listed with SPED072.01.	
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CNSL 85A TRANSFER READINESS 1 Unit

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.

21027	CNSL-085A-01	LEC 01:30 PM-02:20 PM W	STAFF	8330		
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CNSL 87 LEADERSHIP: THEORIES & PRACTICES 1 Unit

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.

21028	CNSL-087.-01	LEC 01:00 PM-01:50 PM T	SMALL	2018		
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CNSL 90 INTRODUCTION TO ONLINE LEARNING 1 Unit

Advisory: Familiarity with the Internet; ESLL 25 or higher.
1 hour lecture, 1.5 hours laboratory. (30 total hours per quarter.)
Not Repeatable.

This course covers concepts, tools and techniques for success in online learning. Through self-assessment, online interaction, and use of the various tools and resources of the Internet the student will develop an understanding of the skills needed to be successful when engaging in online instruction.

✓21029	CNSL-090.-01W	LEC TBA	TBA	CELLILO	ONLINE	CNSL-090.-01W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/tga/ for information on how to begin.
✓		LAB TBA	TBA	CELLILO	ONLINE	

CNSL 275 EOPS: THE ROAD TO COLLEGE SUCCESS - MORE THAN JUST BOOKS 1 Unit

Formerly: CNSL 175
Advisory: Not open to students with credit in CNSL 175.
1 hour lecture. (12 total hours per quarter.)

CNSL 51 LEARNING STRATEGIES FOR COLLEGE STUDENTS (PASS THE TORCH PROGRAM) 1 Unit

Prerequisite: Concurrent enrollment in a math, English, or ESLL course; students are required to attend an orientation with the Pass the Torch Program prior to enrollment.
1 hour lecture. (12 total hours per quarter.)
Not Repeatable.

Develop, use, and assess effective and efficient learning strategies, implement a personalized study system. Topics include learning behaviors, attitudes, and styles; goal-setting and self-monitoring; time management, memory and concentration; lecture and textbook note taking; test preparation and test taking; and general strategies for successful college academic success. Students are required to demonstrate evidence of application of learning strategies to current academic coursework and to actively participate in class sessions. This course is specifically targeted for students participating in the Pass the Torch Program; a unique study team project that pairs high achieving community college students with students who self-select to join a study team.

21397	CNSL-051.-01Q	LEC 12:00 PM-01:25 PM M	DELGADO	6503	CNSL-051.-01Q: Course is designed for Pass the Torch members only. This is a late start class that meets 10/21/13-12/13/13. To register for the class, please visit the Pass the Torch office in Room 3526 or call (650) 949-7358.	
21398	CNSL-051.-02Q	LEC 12:00 PM-01:15 PM T	DELGADO	6503	CNSL-051.-02Q: Course is designed for Pass the Torch members only. This is a late start class that meets 10/21/13-12/13/13. To register for the class, please visit the Pass the Torch office in Room 3526 or call (650) 949-7358.	
21399	CNSL-051.-03Q	LEC 08:30 AM-09:45 AM W	DELGADO	1220	CNSL-051.-03Q: Course is designed for Pass the Torch members only. This is a late start class that meets 10/21/13-12/13/13. To register for the class, please visit the Pass the Torch office in Room 3526 or call (650) 949-7358.	

CNSL 52 COLLEGE & LIFE MANAGEMENT 4 Units

Formerly: CNSL 2
Advisory: Not open to students with credit in CNSL 2.
3 hours lecture, 3 hours laboratory. (72 total hours per quarter.)
Not Repeatable.

Examination of psycho-social and wellness issues related to personal and academic success. Explores theories and practice for effective goal-setting, communication, health and wellness, learning and social growth.

✓21852	CNSL-052.-01Y	LEC 08:30 AM-09:45 AM MW	VILLANUEVA	5940	VILLANUEVA ONLINE	
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CNSL 53 EFFECTIVE STUDY 3 Units

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

Unless otherwise noted, summer sessions run Sept. 23–Dec. 13. 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 June 21. Be aware that course listing and footnote information may have changed. For the most accurate, current course listings, always access the online class schedule.

◆ = Middlefield Campus class

✓ = Online or Hybrid class

● = Off-Campus class

Evening classes are shaded.

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

Course will introduce EOPS/CARE students to various EOPS services, policies and requirements governing programs. Course encourages collaborative learning, educational attainment, promotes student retention, persistence, success. Topics included: financial aid/scholarship applications, identifying campus resources, budgeting and managing money, cultural identity and experiences, goal-setting, self-esteem, career options, managing time.

21378	CNSL-275-.01	LEC	12:00 PM-12:50 PM	MW	WU	6302
CNSL-275-.01: Formerly listed as CNSL 175. Class is designed for EOPS students only. Contact April Henderson at 650-949-7206 for enrollment information. Class runs 6 weeks only: 9/30/13-11/6/13.						
21379	CNSL-275-.02	LEC	12:00 PM-12:50 PM	TTh	NAVA	6302
CNSL-275-.02: Formerly listed as CNSL 175. Class is designed for EOPS students only. Contact April Henderson at 650-949-7206 for enrollment information. Class runs 6 weeks only: 10/1/13-11/7/13.						
21393	CNSL-275-.03	LEC	10:00 AM-10:50 AM	MW	NAVA	6201
CNSL-275-.03: Formerly listed as CNSL 175. Class is designed for EOPS students only. Contact April Henderson at 650-949-7206 for enrollment information. Class runs 6 weeks only: 11/4/13-12/11/13.						
21394	CNSL-275-.04	LEC	12:00 PM-12:50 PM	TTh	WU	6405
CNSL-275-.04: Formerly listed as CNSL175. Class is designed for EOPS students only. Contact April Henderson at 650-949-7206 for enrollment information. Class runs 6 weeks only: 11/5/13-12/12/13.						

COMMUNICATION STUDIES

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

COMM 1A PUBLIC SPEAKING 5 Units
Advisory: Eligibility for ENGL 1A or ESLL 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.

20105	COMM-001A-01	LEC	08:00 AM-09:50 AM	MW	STAFF	1219
		LEC	08:00 AM-08:50 AM	F	STAFF	1219
COMM-001A-01: Course is both CSU and UC transferable. Course satisfies IGETC AREA1C (Oral Communication) and CSU GE Area A-1 (Oral Communication). Also satisfies Foothill's Area V General Education requirement (Communication and Analytical Thinking). Approved for AA in Communication Studies and both Communication Certificates of Proficiency and Specialization.						
20106	COMM-001A-02	LEC	08:00 AM-09:50 AM	TTh	HASAN	1219
		LEC	09:00 AM-09:50 AM	F	HASAN	1219
COMM-001A-02: Course is both CSU and UC transferable. Course satisfies IGETC AREA1C (Oral Communication) and CSU GE Area A-1 (Oral Communication). Also satisfies Foothill's Area V General Education requirement (Communication						

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

20107	COMM-001A-03Y	LEC	10:00 AM-11:50 AM	M	STAFF	1220
		LEC	TBA	TBA	STAFF	ONLINE
COMM-001A-03Y: Hybrid class. 3 weekly TBA hours via online instruction. Course is both CSU and UC transferable. Course satisfies IGETC AREA1C (Oral Communication) and CSU GE Area A-1 (Oral Communication). Also satisfies Foothill's Area V General Education requirement (Communication						

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

20108	COMM-001A-04	LEC	08:00 AM-09:50 AM	TTh	STAFF	6201
		LEC	09:00 AM-09:50 AM	F	STAFF	6201
COMM-001A-04: Course is both CSU and UC transferable. Course satisfies IGETC AREA1C (Oral Communication) and CSU GE Area A-1 (Oral Communication). Also satisfies Foothill's Area V General Education requirement (Communication and Analytical Thinking). Approved for AA in Communication Studies and both Communication Certificates of Proficiency and Specialization.						

20109	COMM-001A-08Y	LEC	06:00 PM-09:40 PM	T	HASAN	6201
		LEC	TBA	TBA	HASAN	ONLINE
COMM-001A-08Y: Hybrid class. 1 additional weekly TBA hour via online instruction. Course is both CSU and UC transferable. Course satisfies IGETC AREA1C (Oral Communication) and CSU GE Area A-1 (Oral Communication). Also satisfies Foothill's Area V General Education requirement (Communication and Analytical Thinking). Approved for AA in Communication Studies and both Communication Certificates of Proficiency and Specialization.						

20110	COMM-001A-09Y	LEC	10:00 AM-01:50 PM	F	POGOSIAN	1219
		LAB	TBA	TBA	POGOSIAN	ONLINE

COMM-001A-09Y: Hybrid class. 1 additional weekly TBA hour via online instruction. Course is both CSU and UC transferable. Course satisfies IGETC AREA1C (Oral Communication) and CSU GE Area A-1 (Oral Communication). Also satisfies Foothill's Area V General Education requirement (Communication and Analytical Thinking). Approved for AA in Communication Studies and both Communication Certificates of Proficiency and Specialization.

21248	COMM-001A-10Y	LEC	08:00 AM-11:50 AM	M	HAASE	6107
		LEC	TBA	TBA	HAASE	ONLINE

COMM-001A-10Y: Hybrid class. 1 weekly TBA hour via online instruction. Course is both CSU and UC transferable. Course satisfies IGETC AREA1C (Oral Communication) and CSU GE Area A-1 (Oral Communication). Also satisfies Foothill's Area V General Education requirement (Communication

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

21266	COMM-001A-11	LEC	10:00 AM-03:00 PM	F	STAFF	1220
COMM-001A-11: Course is both CSU and UC transferable. Course satisfies IGETC AREA1C (Oral Communication) and CSU GE Area A-1 (Oral Communication). Also satisfies Foothill's Area V General Education requirement (Communication and Analytical Thinking). Approved for AA in Communication Studies and both Communication Certificates of Proficiency and Specialization.						

21267	COMM-001A-12	LEC	07:00 PM-10:00 PM	M	STAFF	1405
		LEC	07:00 PM-09:00 PM	W	STAFF	1405

COMM-001A-12: Course is both CSU and UC transferable. Course satisfies IGETC AREA1C (Oral Communication) and CSU GE Area A-1 (Oral Communication). Also satisfies Foothill's Area V General Education requirement (Communication and Analytical Thinking). Approved for AA in Communication Studies and both Communication Certificates of Proficiency and Specialization.

21268	COMM-001A-13	LEC	07:00 PM-10:00 PM	T	STONE	1219
		LEC	07:00 PM-09:00 PM	Th	STONE	1219

COMM-001A-13: Course is both CSU and UC transferable. Course satisfies IGETC AREA1C (Oral Communication) and CSU GE Area A-1 (Oral Communication). Also satisfies Foothill's Area V General Education requirement (Communication and Analytical Thinking). Approved for AA in Communication Studies and both Communication Certificates of Proficiency and Specialization.

21269	COMM-001A-14	LEC	10:00 AM-01:00 PM	T	FRANKLIN	1405
		LEC	10:00 AM-12:00 PM	Th	FRANKLIN	1405

COMM-001A-14: Course is both CSU and UC transferable. Course satisfies IGETC AREA1C (Oral Communication) and CSU GE Area A-1 (Oral Communication). Also satisfies Foothill's Area V General Education requirement (Communication and Analytical Thinking). Approved for AA in Communication Studies and both Communication Certificates of Proficiency and Specialization.

COMM 2 INTERPERSONAL COMMUNICATION 5 Units
Advisory: Eligibility for ENGL 1A or ESLL 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.

20111	COMM-002-.01Y	LEC	10:00 AM-11:50 AM	M	NI	1219
		LEC	TBA	TBA	NI	ONLINE

COMM-002-.01Y: Hybrid class. 3 weekly TBA hours via online instruction. Course is both CSU and UC transferable. Course satisfies IGETC AREA1C (Oral Communication) and CSU GE Area A-1 (Oral Communication). Also satisfies Foothill's Area V General Education requirement (Communication and Analytical Thinking). Approved for AA in Communication Studies and both Communication Certificates of Proficiency and Specialization.

20112	COMM-002-.02Y	LEC	01:30 PM-03:20 PM	M	NI	1219
		LEC	TBA	TBA	NI	ONLINE

COMM-002-.02Y: Hybrid class. 3 weekly TBA hours via online instruction. Course is both CSU and UC transferable. Course satisfies IGETC AREA1C (Oral Communication) and CSU GE Area A-1 (Oral Communication). Also satisfies Foothill's Area V General Education requirement (Communication and Analytical Thinking). Approved for AA in Communication Studies and both Communication Certificates of Proficiency and Specialization.

20113	COMM-002-.03Y	LEC	06:00 PM-09:40 PM	M	HAASE	MC10
		LEC	TBA	TBA	HAASE	ONLINE

COMM-002-.03Y: Hybrid class. Meets on Middlefield Campus five Mondays: 9/23, 10/7, 10/28, 11/4, 11/18. All other hours via online instruction. Course satisfies IGETC AREA1C (Oral Communication) and CSU GE Area A-1 (Oral Communication). Also satisfies Foothill's Area V General Education requirement (Communication and Analytical Thinking). Approved for AA in Communication Studies and both Communication Certificates of Proficiency and Specialization.

20513	COMM-002-.04Y	LEC	06:00 PM-09:40 PM	W	STAFF	MC10
		LEC	TBA	TBA	STAFF	ONLINE

COMM-002-.04Y: Hybrid class. Meets on Middlefield Campus five Wednesdays: 9/25, 10/9, 10/23, 11/8, 11/20. All other hours via online instruction. Course is both CSU and UC transferable. Course satisfies IGETC AREA1C (Oral Communication) and CSU GE Area A-1 (Oral Communication). Also satisfies Foothill's Area V General Education requirement (Communication and Analytical Thinking). Approved for AA in Communication Studies and both Communication Certificates of Proficiency and Specialization.

◆ = Middlefield Campus class

✓ = Online or Hybrid class

● = Off-Campus class

Evening classes are shaded.

Course Number CRN	Title Course ID	Units Activity	Time Days	Instructor	Location
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Course Number CRN	Title Course ID	Units Activity	Time Days	Instructor	Location
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COMM 4 GROUP DISCUSSION 5 Units
Advisory: Eligibility for ENGL 1A or ESLL 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.

20114 COMM-004.-01Y LEC 10:00 AM-11:50 AM T VELASCO 1219
 LEC TBA TBA VELASCO ONLINE

COMM-004.-01Y: Hybrid class. 3 weekly TBA hours via online instruction. Course is both CSU and UC transferable. Course satisfies IGETC AREA1C (Oral Communication) and CSU GE Area A-1 (Oral Communication). Also satisfies Foothill's Area V General Education requirement (Communication and Analytical Thinking). Approved for AA in Communication Studies and both Communication Certificates of Proficiency and Specialization.

20115 COMM-004.-02Y LEC 10:00 AM-11:50 AM W VELASCO 1219
 LEC TBA TBA VELASCO ONLINE

COMM-004.-02Y: Hybrid class. 3 weekly TBA hours via online instruction. Course is both CSU and UC transferable. Course satisfies IGETC AREA1C (Oral Communication) and CSU GE Area A-1 (Oral Communication). Also satisfies Foothill's Area V General Education requirement (Communication and Analytical Thinking). Approved for AA in Communication Studies and both Communication Certificates of Proficiency and Specialization.

20116 COMM-004.-03 LEC 01:30 PM-03:45 PM TTh FRANKLIN 1219

COMM-004.-03: Course is both CSU and UC transferable. Course satisfies IGETC AREA1C (Oral Communication) and CSU GE Area A-1 (Oral Communication). Also satisfies Foothill's Area V General Education requirement (Communication and Analytical Thinking). Approved for AA in Communication Studies and both Communication Certificates of Proficiency and Specialization.

20600 COMM-004.-04 LEC 08:00 AM-09:50 AM MW STAFF 6201
 LEC 08:00 AM-08:50 AM F STAFF 6201

COMM-004.-04: Course is both CSU and UC transferable. Course satisfies IGETC AREA1C (Oral Communication) and CSU GE Area A-1 (Oral Communication). Also satisfies Foothill's Area V General Education requirement (Communication and Analytical Thinking). Approved for AA in Communication Studies and both Communication Certificates of Proficiency and Specialization.

20602 COMM-004.-05 LEC 10:00 AM-02:50 PM F STAFF 6201

COMM-004.-05: Course is both CSU and UC transferable. Course satisfies IGETC AREA1C (Oral Communication) and CSU GE Area A-1 (Oral Communication). Also satisfies Foothill's Area V General Education requirement (Communication and Analytical Thinking). Approved for AA in Communication Studies and both Communication Certificates of Proficiency and Specialization.

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

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

20117 COMM-010.-01Y LEC 10:00 AM-11:50 AM TTh THREET 6201
 LEC TBA TBA THREET ONLINE

COMM-010.-01Y: Hybrid class. 1 weekly TBA hour via online instruction. Course is both CSU and UC transferable. Approved for IGETC Area 4 (Social & Behavioral Sciences); CSU Area D-4 (Social Sciences); may be used to satisfy Foothill GE Area VI (United States Cultures & Communities) or Foothill GE Area VII (Lifelong Understanding). Also acceptable for AA in Communication Studies and both Communication Certificates of Proficiency and Specialization.

Specialization.

20118 COMM-010.-02W LEC TBA TBA WHITLEY-PUTZ ONLINE

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

21454 COMM-010.-03W LEC TBA TBA WHITLEY-PUTZ ONLINE

COMM 010.-03W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin. Course is both CSU and UC transferable. Approved for IGETC Area 4 (Social & Behavioral Sciences); CSU Area D-4 (Social Sciences); may be

used to satisfy Foothill GE Area VI (United States Cultures & Communities) or Foothill GE Area VII (Lifelong Understanding). Also acceptable for AA in Communication Studies and both Communication Certificates of Proficiency and Specialization.

21455 COMM-010.-04W LEC TBA TBA SUNSERI ONLINE

COMM-010.-04W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin. Course is both CSU and UC transferable. Approved for IGETC Area 4 (Social & Behavioral Sciences); CSU Area D-4 (Social Sciences); may be used to satisfy Foothill GE Area VI (United States Cultures & Communities) or Foothill GE Area VII (Lifelong Understanding). Also acceptable for AA in Communication Studies and both Communication Certificates of Proficiency and Specialization.

COMM 12 INTERCULTURAL COMMUNICATION 5 Units
Advisory: Eligibility for ENGL 1A or ESLL 26, or equivalent; not open to students with credit in SPCH 12.
5 hours lecture. (60 total hours per quarter.)
Not Repeatable.

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

20119 COMM-012.-01Y LEC 01:30 PM-03:20 PM TTh STAFF 6201
 LEC TBA TBA STAFF ONLINE

COMM-012.-01Y: Hybrid class. 1 weekly TBA hour via online instruction. Course is both CSU and UC transferable. Approved for IGETC Area 4 (Social & Behavioral Sciences); CSU Area C-2 (Humanities) or CSU GE Area D-3 (Social Sciences); Foothill AA GE for Area V (Communication & Analytical Thinking) or VI (United States Cultures & Communities) or Area VII (Lifelong Understanding). Also acceptable toward both Communication Certificates of Proficiency and Specialization.

20120 COMM-012.-02W LEC TBA TBA JOSSELYN ONLINE

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

21456 COMM-012.-03W LEC TBA TBA JOSSELYN ONLINE

COMM-012-03W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin. Course is both CSU and UC transferable. Approved for IGETC Area 4 (Social & Behavioral Sciences); CSU Area C-2 (Humanities) or CSU GE Area D-3 (Social Sciences); Foothill AA GE for Area V (Communication & Analytical Thinking) or VI (United States Cultures & Communities) or Area VII (Lifelong Understanding). Also acceptable toward both Communication Certificates of Proficiency and Specialization.

21466 COMM-012.-04W LEC TBA TBA JOSSELYN ONLINE

COMM-012-04W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin. Course is both CSU and UC transferable. Approved for IGETC Area 4 (Social & Behavioral Sciences); CSU Area C-2 (Humanities) or CSU GE Area D-3 (Social Sciences); Foothill AA GE for Area V (Communication & Analytical Thinking) or VI (United States Cultures & Communities) or Area VII (Lifelong Understanding). Also acceptable toward both Communication Certificates of Proficiency and Specialization.

21488 COMM-012.-05W LEC TBA TBA JOSSELYN ONLINE

COMM-012-05W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin. Course is both CSU and UC transferable. Approved for IGETC Area 4 (Social & Behavioral Sciences); CSU Area C-2 (Humanities) or CSU GE Area D-3 (Social Sciences); Foothill AA GE for Area V (Communication & Analytical Thinking) or VI (United States Cultures & Communities) or Area VII (Lifelong Understanding). Also acceptable toward both Communication Certificates of Proficiency and Specialization.

21489 COMM-012.-06W LEC TBA TBA JOSSELYN ONLINE

COMM-012-06W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin. Course is both CSU and UC transferable. Approved for IGETC Area 4 (Social & Behavioral Sciences); CSU Area C-2 (Humanities) or CSU GE Area D-3 (Social Sciences); Foothill AA GE for Area V (Communication & Analytical Thinking) or VI (United States Cultures & Communities) or Area VII (Lifelong Understanding). Also acceptable toward both Communication Certificates of Proficiency and Specialization.

21490 COMM-012.-07W LEC TBA TBA VELASCO ONLINE

COMM-012-07W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin. Course is both CSU and UC transferable. Approved for IGETC Area 4 (Social & Behavioral Sciences); CSU Area C-2 (Humanities) or CSU GE Area D-3 (Social Sciences); Foothill AA GE for Area V (Communication & Analytical Thinking) or VI (United States Cultures & Communities) or Area VII (Lifelong Understanding). Also acceptable toward both Communication Certificates of Proficiency and Specialization.

COMM 1AH HONORS PUBLIC SPEAKING 5 Units

◆ = Middlefield Campus class

✓ = Online or Hybrid class

● = Off-Campus class

Evening classes are shaded.

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
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Prerequisite: Honors Institute participant.

Advisory: Eligibility for ENGL 1A or ESLL 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.

20121	COMM-01AH-01HLEC	06:00 PM-09:40 PM M	VELASCO	1219
✓	LEC TBA	TBA	VELASCO	ONLINE

COMM-01AH-01H: Hybrid class. Meets on campus five Mondays from 6-9:40PM: 9/23, 10/7, 10/21, 11/4, 12/2. All other hours via online instruction. Course is both CSU and UC transferable. Course satisfies IGETC AREA1C (Oral Communication) and CSU GE Area A-1 (Oral Communication). Also satisfies Foothill's Area V General Education requirement (Communication and Analytical Thinking). Approved for AA in Communication Studies and both Communication Certificates of Proficiency and Specialization.

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

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

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

Not Repeatable.

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

✓	20867	COMM-055-01W	LEC TBA	TBA	NI	ONLINE
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COMM-055-01W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.

Course satisfies Foothill's Area V General Education requirement (Communication and Analytical Thinking) or Section VII (Lifelong Understanding). Approved for AA in Communication Studies and both Communication Certificates of Proficiency and Specialization.

✓	21492	COMM-055-02W	LEC TBA	TBA	NI	ONLINE
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COMM-055-02W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.

Course satisfies Foothill's Area V General Education requirement (Communication and Analytical Thinking) or Section VII (Lifelong Understanding). Approved for AA in Communication Studies and both Communication Certificates of Proficiency and Specialization.

✓	21493	COMM-055-03W	LEC TBA	TBA	NI	ONLINE
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COMM-055-03W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.

Course satisfies Foothill's Area V General Education requirement (Communication and Analytical Thinking) or Section VII (Lifelong Understanding). Approved for AA in Communication Studies and both Communication Certificates of Proficiency and Specialization.

CAREER LIFE PLANNING

Counseling & Student Services (650) 949-7296

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

CRLP 70 SELF-ASSESSMENT 3 Units

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

Not Repeatable.

Exploration of individual skills, interests, values, and personality style as they relate to career choice. Includes testing, values clarification, skills identification, lifestyle assessment, decision making and goal-setting techniques.

21584	CRLP-070-.01	LEC 12:00 PM-01:15 PM MW	LEE	6201
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CRLP-070-.01: Additional course fee of \$30 for career assessments. This course meets for the full quarter.

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
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✓	21036	CRLP-070-.03W	LEC TBA	TBA	JINNAH	ONLINE
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CRLP-070-.03W: Course fee for career assessment \$30. Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.

✓	21037	CRLP-070-.04W	LEC TBA	TBA	CELLILO	ONLINE
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CRLP-070-.04W: Course fee for career assessment \$30. Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.

✓	21123	CRLP-070-.05W	LEC TBA	TBA	ADAMS	ONLINE
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CRLP070.05W: Course fee for career assessment \$30. Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.

✓	21529	CRLP-070-.06W	LEC TBA	TBA	LEE	ONLINE
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CRLP-070-.06W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin. Course fee for career assessment \$30.

✓	21530	CRLP-070-.07W	LEC TBA	TBA	LEE	ONLINE
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CRLP-070-.07W: Course fee for career assessment \$30. Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.

DENTAL ASSISTING

Biological & Health Sciences (650) 949-7351 www.foothill.edu/bio/programs/dentala/

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

D A 50 ORIENTATION TO DENTAL ASSISTING 2.5 Units

Prerequisite: Admission to Dental Assisting Program.

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

Not Repeatable.

Preview of dental practice, including specialties, history, professional and legal responsibilities and the role of the dental auxiliary; dental forms, record keeping, patient communication and office personnel relations. This course is intended for students who have completed an application for the dental assisting program and received notice by the program director of acceptance.

✓	20123	D A -050-.01W	LEC TBA	TBA	MIYASAKI	ONLINE
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D A -050-.01W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin. Mandatory on-campus meeting first week of class.

D A 51A INTRODUCTION TO CHAIRSIDE DENTAL ASSISTING 8 Units

Prerequisite: Admission to Dental Assisting Program

4 hours lecture, 11 hours laboratory, 4 hours clinic. (228 total hours per quarter.)

Not Repeatable.

Introduction to chairside assisting; use and care of dental equipment, patient management, instrument identification; overview of common dental procedures such as composite, amalgam, partials, dentures, root canals, crown and bridge appointments; manipulation of dental materials commonly prepared or used by the dental assistant including temporary dressings, impression materials, cement bases and liners, topical agents, composites, resins and amalgams. Completion of this course is required to be eligible for the Certificate for Dental Assisting. Completion of this course required for the A.S. degree in Dental Assisting and the Certificate of Achievement in Dental Assisting.

21439	D A -051A-01	LAB 09:00 AM-02:50 PM F	HEROLD	5301
		LEC 09:00 AM-11:50 AM T	MIYASAKI	5301
		LAB 01:00 PM-02:50 PM T	MIYASAKI	5301
		LEC 10:30 AM-11:20 AM W	MIYASAKI	5301
21796	D A -051A-02	LAB 01:00 PM-03:50 PM M	MIYASAKI	5301
		LAB 09:00 AM-12:50 PM Th	MIYASAKI	5312
		LAB 09:00 AM-02:50 PM F	KORNEGAY	5301
		LEC 09:00 AM-11:50 AM T	MIYASAKI	5301
		LAB 01:00 PM-02:50 PM T	MIYASAKI	5301
		LEC 10:30 AM-11:20 AM W	MIYASAKI	5301
		LAB 01:00 PM-03:50 PM W	MIYASAKI	5301
		LAB 09:00 AM-12:50 PM Th	MIYASAKI	5312

D A 53A INTRODUCTION TO RADIOGRAPHY I 3 Units

Prerequisite: Admission to Dental Assisting Program.

2 hours lecture, 3 hours laboratory. (60 total hours per quarter.)

Not Repeatable.

Introduction to dental radiology for dental assisting students. Emphasis on production,

◆ = Middlefield Campus class

✓ = Online or Hybrid class

● = Off-Campus class

Evening classes are shaded.

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
21797 D A -053A-01	LEC 08:00 AM-08:50 AM MW LAB 02:00 PM-02:50 PM M LAB 03:00 PM-04:50 PM M		YAMAMOTO YAMAMOTO YAMAMOTO	8402 5406 5403
20525 D A -053A-02	LEC 08:00 AM-08:50 AM MW LAB 02:00 PM-02:50 PM W LAB 03:00 PM-04:50 PM W		YAMAMOTO YAMAMOTO YAMAMOTO	8402 5406 5304

D A 58 SPECIALITY PRACTICE PROCEDURES 1 Unit

Prerequisite: Admission to the Dental Assisting Program.

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

Not Repeatable.

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.

✓ 20125 D A -058-.01W LEC TBA TBA MIYASAKI ONLINE
D A -058-.01W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/tga/ for information on how to begin. Mandatory on-campus meeting first week of class.

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.

20126 D A -062A-01	LEC 09:00 AM-10:50 AM M LAB 11:00 AM-11:50 AM M		REED REED	5301 5301
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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.)

Not Repeatable.

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.

20127 D A -071.-01	LEC 09:00 AM-10:15 AM W		REED	5301
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DENTAL HYGIENE

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

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

D H 52A ORAL BIOLOGY I 3 Units

Prerequisite: Admission to Dental Hygiene Program.

2 hours lecture, 2 hours lecture-laboratory. (48 total hours per quarter.)

Not Repeatable.

Discussion of the anatomy and identification of the teeth, the eruption sequence, normal occlusion, and classification of occlusion. Anatomy of the skull, arteries, veins, and lymphatics, musculature and nervous structures of the head and neck.

20128 D H -052A-01	LEC 01:30 PM-03:20 PM M LAB 03:30 PM-05:20 PM M		HOROWITZ HOROWITZ	5423 5423
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D H 53 ASSESSMENT PROCEDURES IN THE DENTAL HYGIENE PROCESS 4 Units

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
20129 D H -053.-01	LEC 01:30 PM-05:20 PM T		SPRAGGE	5302

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). Intended for students in the dental hygiene program.

20129 D H -053.-01 LEC 01:30 PM-05:20 PM T SPRAGGE 5302

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-intraoral examination, gingival evaluation and periodontal examination are taught in a pre-clinical setting. Students will work on typodonts and classmates. 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.

20130 D H -054.-01	LAB 08:30 AM-12:30 PM T LAB 08:30 AM-12:30 PM F LEC 12:00 PM-12:50 PM Th LAB 01:00 PM-04:50 PM Th		BETTENCOURT DRAPER SPRAGGE SPRAGGE	5312 5312 5302 5312
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D H 55B FUNDAMENTALS OF PATHOLOGY II 2 Units

Prerequisite: D H 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. Intended for students in the dental hygiene program.

20131 D H -055B-01 LEC 02:30 PM-04:20 PM W HOROWITZ 5302

D H 57B PERIODONTICS II 2 Units

Prerequisite: D H 57A.

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

Not Repeatable.

Fundamental principles of periodontology, including normal periodontium, etiology and classification of periodontal disease; relationship of dental deposits to periodontal diseases. Development of periodontal pocket and abscess. Process of bone loss. Intended for students in the dental hygiene program.

20132 D H -057B-01 LEC 08:00 AM-09:50 AM T HOROWITZ 5302

D H 59 SURVEY OF DENTISTRY 1 Unit

Prerequisite: Admission to the Dental Hygiene Program.

1 hour lecture, 1 hour laboratory. (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. Intended for students in the dental hygiene program.

✓ 20466 D H -059.-01W LEC TBA TBA CHAN ONLINE
 ✓ LAB TBA TBA CHAN ONLINE
D H -059.-01W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/tga/ for information on how to begin.

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.

◆ = Middlefield Campus class

✓ = Online or Hybrid class

● = Off-Campus class

Evening classes are shaded.

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
Introduction to dental radiology for students enrolled in the dental hygiene program. Component parts, functions, operations of the dental x-ray unit and radiation safety is emphasized. Relationships between anatomical and radiographic landmarks are analyzed.				
20133 D H -060A-01	LEC	08:00 AM-08:50 AM MW	YAMAMOTO	8402
D H 60C DENTAL RADIOGRAPHY III				.5 Units
Prerequisite: D H 60B.				
1 hour lecture-laboratory. (12 total hours per quarter.)				
Not Repeatable.				
Radiology course for second year dental hygiene students. Emphasis on correlating oral diseases to radiologic findings. Includes distal-oblique projections and application of the S.L.O.B. rule. Introduction to digital panoramic radiology. This course intended for students in the dental hygiene program				
20134 D H -060C-01	L-L	08:00 AM-08:50 AM Th	YAMAMOTO	5302
D H 62B CLINICAL DENTAL HYGIENE II				6 Units
Prerequisite: D H 62A.				
1 hour lecture, 30 hours clinic. (372 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.				
21528 D H -062B-01	LEC LAB TBA	08:00 AM-08:50 AM W MTWTh	KORNEGAY WALKER	5302 5312
D H 63C COMMUNITY DENTAL HEALTH I				3 Units
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. Evaluation of scientific literature will be developed. This course is intended for students enrolled in the dental hygiene program.				
20467 D H -063C-01	LEC L-L	10:00 AM-11:50 AM T 01:00 PM-02:15 PM F	CHAN CHAN	5302 CLINIC
D H 66 SOFT TISSUE CURETTAGE				1 Unit
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.				
20135 D H -066-.01	LEC	01:30 PM-02:20 PM W	KORNEGAY	5302
D H 75A CLINICAL DENTAL HYGIENE THEORY I				1.5 Units
Prerequisite: 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.				
20136 D H -075A-01	LAB LEC	02:30 PM-05:20 PM M 01:30 PM-02:20 PM M	CHAN KORNEGAY	5312 5302
D H 200L INTRODUCTION TO DENTAL HYGIENE				1 Unit
2 hours lecture-laboratory. (24 total hours per quarter.)				
Not Repeatable.				
Introduction to the profession of dental hygiene. Emphasis on dental terminology, communication skills, licensure requirements and clinical and lab techniques related to dental hygiene clinical practice. Discussion of the requirements for the Dental Hygiene Program.				
20137 D H -200L-51	L-L	06:00 PM-07:50 PM T	MURPHY	5302
<i>D H -200L-51: Open to all students who are enrolled in or have taken AHS 200.</i>				

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
20138 D H -200L-52Y	LEC TBA LAB TBA	TBA TBA	MURPHY MURPHY	5302 ONLINE
<i>D H -200L-52Y: On-line hybrid course. Mandatory on-campus lab Sat 11/16 9am-3pm & Sun 11/17 9am-1pm with 1/2 hour lunch break ea. day, and Sat 12/7 9am-11:30am. Room 5302. Offered via Internet as a hybrid course. After registering, you MUST refer to course descriptions at www.foothill.edu/fga/ for information on how to begin. Must request LATE ADD through www.foothill.edu/fga/</i>				

DANCE

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

DANC 1A BEGINNING BALLET				1 Unit
Advisory: This course is included in the Ballet & Conditioning family of activity courses.				
3 hours laboratory. (36 total hours per quarter.)				
Not Repeatable.				
Introduction to the elementary fundamentals of classical ballet technique and training. Course includes the basic vocabulary and practice of beginning barre and center floor exercises.				
20139 DANC-001A-01	LAB	10:00 AM-11:15 AM MW	DILEONARDO	2504
DANC 1B INTERMEDIATE BALLET				1 Unit
Prerequisite: DANC 1A.				
Advisory: This course is included in the Ballet & Conditioning family of activity courses.				
3 hours laboratory. (36 total hours per quarter.)				
Not Repeatable.				
Continuation into the intermediate fundamentals of ballet technique and training. Includes the intermediate vocabulary and practice of barre and center floor exercises.				
20140 DANC-001B-01	LAB	10:00 AM-11:15 AM MW	DILEONARDO	2504
DANC 2A BEGINNING MODERN DANCE				1 Unit
Formerly: H P 32, DANC 2				
Advisories: This course is included in the Dance Technique Family of activity courses; not open to students with credit in DANC 2 or H P 32.				
3 hours laboratory. (36 total hours per quarter.)				
Not Repeatable.				
Introduction to the elementary fundamentals of Modern Dance technique and training. Course includes the basic vocabulary and practice of beginning Modern center barre and floor exercises.				
21449 DANC-002A-01	LAB	12:00 PM-01:15 PM TTh	GONG	2504
DANC 3A BEGINNING JAZZ DANCE				1 Unit
Advisories: This course is included in the Dance Technique family of activity courses; not open to student with credit in H P 33.				
3 hours laboratory. (36 total hours per quarter.)				
Not Repeatable.				
Introduction to the fundamental technique of jazz dance. Emphasis is placed on class participation so that students may develop their knowledge and understanding of the basic principles of jazz dancing, including warm-up, stretch, isolations and choreography.				
20142 DANC-003A-01	LAB	06:30 PM-09:20 PM M	GONG	2504
DANC 3B INTERMEDIATE JAZZ DANCE				1 Unit
Formerly: H P 33A				
Prerequisite: DANC 3A.				
Advisory: This course is included in the Dance Technique family of activity courses; not open to students with credit in H P 33A.				
3 hours laboratory. (36 total hours per quarter.)				
Not Repeatable.				
This course gives students an opportunity to practice and develop intermediate jazz techniques. Emphasis on techniques presented as well as information on historical and stylistic perspectives of this dance form.				
21519 DANC-003B-01	LAB	05:00 PM-06:15 PM MW	GONG	2504

◆ = Middlefield Campus class

✓ = Online or Hybrid class

● = Off-Campus class

Evening classes are shaded.

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
DANC 4A	BEGINNING BALLROOM & SOCIAL DANCE	1 Unit		
<i>Formerly: DANC 4</i>				
Advisories: This course is included in the Social & Cultural Dance family of activity courses; not open to students with credit in DANC 4.				
3 hours laboratory. (36 total hours per quarter.)				
Not Repeatable.				
Introduction to beginning ballroom and social dance techniques. Instruction and practice in beginning Swing, Cha-Cha, Waltz, Fox Trot, Rhumba and Tango dances.				
◆ 21508	DANC-004A-01	LAB 06:30 PM-09:20 PM W	HUNTER	MCGMB
21565	DANC-004A-02	LAB 01:00 PM-03:50 PM F	FRANKEL	2504
DANC 4B	INTERMEDIATE BALLROOM & SOCIAL DANCE	1 Unit		
Prerequisite: DANC 4A.				
Advisory: This course is included in the Social & Cultural Dance family of activity courses.				
3 hours laboratory. (36 total hours per quarter.)				
Not Repeatable.				
Introduction to intermediate ballroom and social dance techniques. Instruction and practice in beginning Swing, Cha-Cha, Waltz, Fox Trot, Rhumba and Tango dances.				
◆ 21509	DANC-004B-01	LAB 06:30 PM-09:20 PM W	HUNTER	MCGMB
21566	DANC-004B-02	LAB 01:00 PM-03:30 PM F	FRANKEL	2504
DANC 5	WORLD DANCE	1 Unit		
<i>Formerly: H P 47D</i>				
Advisories: This course is included in the Social & Cultural Dance family of activity courses; not open to students with credit in H P 47D.				
3 hours laboratory. (36 total hours per quarter.)				
Not Repeatable.				
Introduction to the history and origins of multicultural dance forms. Students will learn the basic steps, combinations, and finished dances of many traditional world dance forms.				
◆ 20584	DANC-005-.01	LAB 10:00 AM-11:15 AM TTh	FRANKEL	MCPAV
◆ 21567	DANC-005-.02	LAB 07:00 PM-09:50 PM T	FRANKEL	MCGMB
DANC 6	BEGINNING COUNTRY- WESTERN LINE DANCING	1 Unit		
Advisories: This course is included in the Social & Cultural Dance family of activity courses; not open to students with credit in H P 47.				
3 hours laboratory. (36 total hours per quarter.)				
Not Repeatable.				
Introduction to the fundamental skills for Country and Western Line Dancing. Students will participate in a variety of dance steps designed to develop the coordination, skill, choreography and timing necessary for social line dancing.				
◆ 21038	DANC-006-.01	LAB 07:00 PM-09:50 PM Th	FRANKEL	MCGMB
DANC 10	TOPICS IN DANCE HISTORY	4 Units		
Advisory: Not open to students with credit in H P 70.				
4 hours lecture. (48 total hours per quarter.)				
Not Repeatable.				
A comprehensive study of the evolution of theatrical dance in the western world from the 16th century through the present day. Includes the eras of French court ballet, ballet d'action, romantic and classical ballet, modern, post-modern and contemporary dance. Examines topics in dance as an art form, including history, traditions, trends; outstanding artists and works; practice in observing and understanding dance in a historical and cultural context. Analysis of dance as an expression of social order, power, classical art, a medium of cultural fusion, and as an expression of individual artists.				
✓ 21413	DANC-010.-1W	LEC TBA	TBA	SHEWFELT ONLINE
✓ 21414	DANC-010.-2W	LEC TBA	TBA	SHEWFELT ONLINE
DANC 11A	REPERTORY DANCE I	4 Units		
<i>Formerly: DANC 11</i>				
Advisory: This course is included in the Dance Performance Family of activity courses; not open to students with credit in PHED 34G or DANC 11.				

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
8 hours lecture-laboratory. (96 total hours per quarter.)				
Not Repeatable.				
Introduction to the basic concepts of dance performance. Includes beginning experience with the rehearsal process, learning dance works and preparation for a performance. Students will be given the opportunity to perform for a live audience and to collaborate with and perform for area Colleges and Universities, civic, local, or charity organizations.				
21438	DANC-011A-01	L-L 06:30 PM-09:45 PM W L-L 05:30 PM-09:45 PM F	GONG GONG	2504 2504

DANC 14	DANCE CONDITIONING	1 Unit		
Advisory: This course is included in the Ballet & Conditioning family of activity courses.				
3 hours laboratory. (36 total hours per quarter.)				
Not Repeatable.				
Introduction to the principles of dance and conditioning through floor work derived from various dance disciplines including ballet, jazz, contemporary and other psycho-physical disciplines. Topics may include body mechanics, muscle groups critical to dance, flexibility, alignment, self-assessment, dance injury prevention, and strengthening the mind-body-spirit connection.				
21447	DANC-014-.01	LAB 06:30 PM-09:20 PM M	GONG	2504
<i>DANC-014-.01: Class utilizes Modern Dance technique to increase dance fitness.</i>				
21537	DANC-014-.02	LAB 08:30 AM-09:45 AM MW	DILEONARDO	2504
<i>DANC-014-.02: Class utilizes Ballet techniques to increase dance fitness.</i>				

DANC 18A	INTRODUCTION TO HIP HOP DANCE	1 Unit		
Advisory: This course is included in the Social & Cultural Dance family of activity courses.				
3 hours laboratory. (36 total hours per quarter.)				
Not Repeatable.				
An introduction to the technique of Hip Hop dance with an integrated fitness approach that focuses on developing the stabilization muscles of the center of the body. Concentration will be on isolations of the muscles of the torso, back, hips, inner and outer thighs, chest and abdominals in conjunction with breathing, postural alignment and body awareness.				
21448	DANC-018A-01	LAB 10:00 AM-11:15 AM TTh	GONG	2504

DIAGNOSTIC MEDICAL SONOGRAPHY

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

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

DMS 50A	DIAGNOSTIC MEDICAL SONOGRAPHY PRINCIPLES & PROTOCOLS	4 Units		
Prerequisite: Admission to Diagnostic Medical Sonography Program.				
4 hours lecture. (48 total hours per quarter.)				
Not Repeatable.				
An intensive course about fundamentals of ultrasound principles, protocols, and scanning involving the major abdominal organ structures, gynecology, obstetrics, and vessels. Sonographic terminology, orientation and descriptions of normal and abnormal structures. It is assumed the student has a thorough knowledge of gross and sectional anatomy.				
20145	DMS-050A-01	LEC 01:00 PM-04:50 PM W	AUSTIN	6707
DMS 50B	SONOGRAPHY & PATIENT CARE	2 Units		
Prerequisite: Admission to Diagnostic Medical Sonography Program.				
2 hours lecture. (24 total hours per quarter.)				
Not Repeatable.				
This course is designed to define the student sonographer's role on the medical team. It prepares the student to enter the clinical environment including instruction in sonographer safety and ergonomics. Legal, ethical, legislative and regulatory issues including scope of practice and standards. Patient care techniques, clinical assessment, diagnosis and treatment. Interacting with cultural, age, and the special needs populations. Professionalism, competency-based education and leadership.				

◆ = Middlefield Campus class

✓ = Online or Hybrid class

● = Off-Campus class

Evening classes are shaded.

Course Number CRN	Course ID	Title Activity	Units Time	Days	Instructor	Location
✓ 20146	DMS -050B-01W	LEC TBA	TBA	TBA	MCSWEENEY	ONLINE

DMS -050B-01W: For DMS program students only. Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/tga/ for information on how to begin. Must request LATE ADD through www.foothill.edu/tga/.

DMS 55B OBSTETRICS II 2 Units

Prerequisite: Admission to the Diagnostic Medical Sonography Program.

2 hours lecture, .5 hours online laboratory. (30 total hours per quarter.)

Not Repeatable.

Advanced obstetrical sonography. Abnormal 2nd and 3rd trimester fetal growth and sonographic measurements with correlations to accepted standards. Abnormalities, pathology and maternal complications. One-half hour per week will be spent in completing online exams and working on patient case studies.

20147	DMS -055B-01Y	LEC 11:00 AM-12:50 PM M	M		SANDOVAL	6707
✓		LAB TBA	TBA		SANDOVAL	ONLINE

DMS 56A VASCULAR SONOGRAPHY 3 Units

Prerequisite: Admission to Diagnostic Medical Sonography Program.

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

Not Repeatable.

Vascular terminology, principles including doppler physics. Interpretation of frequency spectral analysis. Intracranial, cerebrovascular and peripheral venous applications related to vascular technology. Normal, abnormal and pathologic states of the human vascular system.

20148	DMS -056A-01	LEC 02:00 PM-04:50 PM M	M		SANDOVAL	6707
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DMS 60A CRITIQUE & PATHOLOGY I 2 Units

Prerequisite: Admission to the Diagnostic Medical Sonography Program.

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

Not Repeatable.

Interpretation and critique of normal and abnormal anatomy with correlation of didactic, clinical and image information. Emphasis on communication skills via written and oral case presentations and critiques.

20149	DMS -060A-01	LEC 10:00 AM-11:50 AM W	W		AUSTIN	6707
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DMS 60E CRITIQUE & PATHOLOGY V 1 Unit

Prerequisite: Admission to the Diagnostic Medical Sonography Program.

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

Not Repeatable.

Interpretation and critique of normal and abnormal anatomy with correlation of didactic, clinical and image information. Written and oral case presentations with emphasis on superficial parts, pediatric, neonatal and vascular subjects.

20150	DMS -060E-01	LEC 10:00 AM-10:50 AM M	M		SANDOVAL	6707
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DMS 70D CLINICAL PRECEPTORSHIP IV 8.5 Units

Prerequisite: DMS 70C.

32 hours laboratory. This is a 13 week course. (415.92 total hours per quarter.)

Not Repeatable.

Designed as a preceptorship in a medical setting to obtain the technical expertise with emphasis on the advanced mastery of knowledge, skills, and abilities required performing all types of sonographic studies and procedures.

21377	DMS -070D-01	LAB TBA	TBA		MONTANELLI	6704
●		LAB TBA	TBA		SANDOVAL	HOSP

DMS -070D-01: 13 week class. Schedule may vary by clinical assignment. Students are required to complete 32 hrs/week, for a total of 416 clinical hrs for the course.

DMS 72A DIAGNOSTIC MEDICAL SONOGRAPHY PROCEDURES & APPLICATIONS 8 Units

Prerequisite: Admission to Diagnostic Medical Sonography Program.

1 hour lecture, 32 hours laboratory. (396 total hours per quarter.)

Not Repeatable.

Course Number CRN	Course ID	Title Activity	Units Time	Days	Instructor	Location
20599	DMS -072A-01	LEC 04:00 PM-04:50 PM M	M		AUSTIN	6704
		LAB 08:00 AM-03:50 PM	MTThF		MCSWEENEY	6704

DMS 72E DIAGNOSTIC MEDICAL SONOGRAPHY PROCEDURES & APPLICATIONS 2 Units

Prerequisite: Admission to Diagnostic Medical Sonography Program.

1 hour lecture, 3 hours laboratory. (48 total hours per quarter.)

Not Repeatable.

Advanced proficiency levels toward image acquisition, implementing technical quality, interpretation and case analysis with an emphasis on the advanced practice sonographer. Will demonstrate skills through hands-on participation in a controlled lab setting with both simulation and live scanning exercises and demonstration of instructional techniques.

20151	DMS -072E-01	LEC TBA	TBA		AUSTIN	6704
		LAB TBA	TBA		AUSTIN	6704

ECONOMICS

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

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

ECON 1A PRINCIPLES OF MACROECONOMICS 5 Units

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

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

Not Repeatable.

Fundamental economic concepts; determination of national income and employment; income fluctuation; money and the banking system; government monetary and fiscal policies; current economic problems; economic development; international trade. ECON 1A or ECON 1B may be taken in either order.

20152	ECON-001A-01	LEC 08:00 AM-09:50 AM MW	MW		PATYK	3308
		LEC 08:00 AM-08:50 AM F	F		PATYK	3308

20153	ECON-001A-02	LEC 08:00 AM-09:50 AM TTh	TTh		EVANS	3307
		LEC 09:00 AM-09:50 AM F	F		EVANS	3307

20531	ECON-001A-03	LEC 01:30 PM-03:45 PM MW	MW		SANDHU	3307
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✓ 20154 ECON-001A-05W LEC TBA TBA PATYK ONLINE
ECON-001A-05W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/tga/ for information on how to begin.

◆ 20155 ECON-001A-06 LEC 06:00 PM-08:20 PM MW MOGLEN MC J6

✓ 20156 ECON-001A-07W LEC TBA TBA PATYK ONLINE
ECON-001A-07W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/tga/ for information on how to begin.

21660	ECON-001A-08	LEC 10:00 AM-11:50 AM MW	MW		VERISSIMO	3307
		LEC 10:00 AM-10:50 AM F	F		VERISSIMO	3307

✓ 20158 ECON-001A-09W LEC TBA TBA PATYK ONLINE
ECON-001A-09W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/tga/ for information on how to begin.

✓ 20829 ECON-001A-10W LEC TBA TBA VERISSIMO ONLINE
ECON-001A-10W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/tga/ for information on how to begin.

21838	ECON-001A-11	LEC 12:00 PM-02:20 PM TTh	TTh		GESCHKE	3308
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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.

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

20159	ECON-001B-01	LEC 10:00 AM-11:50 AM TTh	TTh		EVANS	3307
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◆ = Middlefield Campus class

✓ = Online or Hybrid class

● = Off-Campus class

Evening classes are shaded.

Course Number CRN	Course ID	Title Activity	Units Time	Days	Instructor	Location
20160	ECON-001B-02	LEC 11:00 AM-11:50 AM F			EVANS	3307
		LEC 10:00 AM-11:50 AM MW			PATYK	3308
		LEC 10:00 AM-10:50 AM F			PATYK	3308
✓	20512	ECON-001B-03W LEC TBA		TBA	EVANS	ONLINE
<i>ECON-001B-03W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.</i>						
✓	20161	ECON-001B-04W LEC TBA		TBA	EVANS	ONLINE
<i>ECON-001B-04W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.</i>						
20162	ECON-001B-05	LEC 10:00 AM-11:50 AM TTh			MOGLEN	3203
		LEC 11:00 AM-11:50 AM F			MOGLEN	3203
21661	ECON-001B-06	LEC 08:00 AM-09:50 AM TTh			VERISSIMO	3201
		LEC 09:00 AM-09:50 AM F			VERISSIMO	3201
◆	20827	ECON-001B-07 LEC 06:00 PM-08:15 PM TTh			SANDHU	MC D7
✓	20828	ECON-001B-08W LEC TBA		TBA	YUKINA	ONLINE
<i>ECON-001B-08W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.</i>						
20926	ECON-001B-09	LEC 12:00 PM-02:15 PM TTh			YUKINA	3404
✓	21662	ECON-001B-10W LEC TBA		TBA	YUKINA	ONLINE
<i>ECON-001B-10W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.</i>						

Course Number CRN	Course ID	Title Activity	Units Time	Days	Instructor	Location
Prerequisite: HLTH 55 or First Responder Course or equivalent work experience as determined by the instructor.						
Advisory: EMT 304 and 305 may not be taken concurrently.						
7 hours lecture-laboratory. (84 total hours per quarter.)						
Not Repeatable.						
This course is intended to instruct a student to the level of Emergency Medical Technician-1 who serves as a vital link in the chain of the health care team. It is recognized that the majority of prehospital emergency medical care will be provided by the EMT-1. This course includes all skills necessary for the individual to provide emergency medical care at a basic life support level with a fire department, or other specialized service. This course is the first of two courses required to be eligible to take the California written and practical exam for certification as an Emergency Medical Technician I.						
◆	20164	EMT -304.-01 L-L 05:30 PM-08:45 PM TTh			MARTINEZ	MC C2
<i>EMT -304.-01: HLTH 55 or First Responder Course* (defined as the American Red Cross Emergency Response course. In addition, either the American Red Cross CPR for the Professional Rescuer card or the American Heart Association CPR for the Health Care Professional card must be obtained).</i>						

ECON 9 POLITICAL ECONOMY 4 Units
Advisory: Eligibility for ENGL 1A or ESLL 26; not open to students with credit in ECON 9H, POLI 9 or 9H.
4 hours lecture. (48 total hours per quarter.)
Not Repeatable.

Analysis of the contending theoretical formulations of International Political Economy (IPE) emphasizing the interconnection between economics and politics in the broad context of a global economy and the formulation of national public policy. Economic and political policy issues of current national and international significance are emphasized.

21694 ECON-009.-01Q LEC 10:00 AM-11:50 AM TTh WOOLCOCK 3301

ECON 25 INTRODUCTION TO THE GLOBAL ECONOMY 4 Units

Advisory: ECON 1A and 1B.
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.

✓ 20163 ECON-025.-01W LEC TBA TBA EVANS ONLINE
ECON-025.-01W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.

ECON 54H HONORS INSTITUTE SEMINAR IN ECONOMICS 1 Unit

Formerly: ECON 34, 34H
Prerequisite: Honors Institute participant.
Advisory: Not open to students with credit in ECON 34 or 34H.
1 hour lecture. (12 total hours per quarter.)
Not Repeatable.

A seminar in directed readings, discussions and projects in economics. Specific topics to be determined by the instructor.

20870 ECON-054H-01H LEC 01:00 PM-02:50 PM F EVANS 3307
ECON-054H-01H: meets the first six weeks of the quarter.

EMERGENCY MEDICAL TECHNICIAN

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

EMT 304 EMERGENCY MEDICAL TECHNICIAN: BASIC PART A 3 Units

EMT 305 EMERGENCY MEDICAL TECHNICIAN: BASIC PART B 4 Units

Prerequisite: Successful completion of EMT 304 in the last six months.
Advisory: EMT 305 is part two of two courses required to be eligible to take the California State written and practical exam for certification as an Emergency Medical Technician-I. EMT 304 and 305 may not be taken concurrently.
7 hours lecture-laboratory, 1.5 hours clinic. (102 total hours per quarter.)
Not Repeatable.

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

◆ 20625 EMT -305.-01 LAB 08:45 PM-09:30 PM MW HUSEMAN MC C2
 ◆ L-L 05:30 PM-08:45 PM MW WYATT MC C2
EMT -305.-01: Current CPR card is required; either the American Red Cross CPR for the Professional Rescuer card or the American Heart Association CPR for the Health Care Professional card must be obtained.

EMERGENCY MEDICAL TECHNICIAN - PARAMEDIC

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

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

EMTP 60A PARAMEDIC COGNITIVE & AFFECTIVE IA 8 Units
Prerequisite: Admission to the Paramedic Program.
Advisory: Not open to students with credit in EMTP 100A.
Corequisite: EMTP 60B.
8 hours lecture. (96 total hours per quarter.)
Not Repeatable.

This course is the first of three modularized lecture series which paramedic students will learn and discuss the EMS System, understand the relationship of anatomy and physiology of the human body, life span of the patient, cellular function and disease, medical terminology, and pharmacology related to patient care. The program is designed to prepare students for employment as paramedic working for various EMS agencies, such as ambulance services, fire agencies, fixed & rotary wing operations, and hospital emergency departments. Intended for students admitted into the Paramedic Program.

◆ 21495 EMTP-060A-01 LEC 08:00 AM-11:50 AM TTh FAHS MC C2

EMTP 60B PARAMEDIC COGNITIVE, PSYCHOMOTOR & AFFECTIVE IB 3 Units
Prerequisite: Admission to the Paramedic Program.

◆ = Middlefield Campus class

✓ = Online or Hybrid class

● = Off-Campus class

Evening classes are shaded.

Course Number CRN	Course ID	Title Activity	Units Time Days	Instructor	Location
Corequisite: EMTp 60A.					
1 hour lecture, 6.5 hours laboratory. (90 total hours per quarter.)					
Not Repeatable.					
The paramedic will learn and become proficient with the required skills i.e.: proper hand washing; personal protective equipment; patient assessment; intravenous access; intraosseous infusion; pharmacology; medication administration; airway management: endotracheal intubation, oropharyngeal airway, nasopharyngeal airway, suctioning, dual lumen airways; advanced cardiac life support ambulance 911 call simulations and case studies; synchronized cardioversion; transcutaneous pacing; defibrillation; cardiovascular/chest pain emergency 911 call simulations; end tidal carbon dioxide monitoring; capnography; 12 lead ECG interpretation.					
◆ 20165	EMTP-060B-01	LAB 09:00 AM-03:15 PM W LEC 08:00 AM-08:50 AM W		CRAWFORD HUSEMAN	MC C2 MC C2

EMTP 64A PARAMEDIC AMBULANCE FIELD INTERNSHIP I 6 Units

Prerequisites: EMTp 63A and 63B.
Advisory: Not open to students with credit in EMTp 103A.
30 hours clinic. (360 total hours per quarter.)
Not Repeatable.

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

● 21290	EMTP-064A-01	L-L TBA	MTWThF	PRIMROSE	CLINIC
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EMTP-064A-01: Ambulance rotation schedules may vary by assignment. Students are required to complete 30 hrs/week, or 360 hrs for the course.

EMTP 64B PARAMEDIC AMBULANCE FIELD INTERNSHIP II 6 Units

Prerequisites: EMTp 63A, 63B and 64A.
Advisory: Not open to students with credit in EMTp 103B.
30 hours clinic. (360 total hours per quarter.)
Not Repeatable.

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

◆ 20683	EMTP-064B-01	LAB TBA	MTWThFS	PRIMROSE	MC
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ENGLISH

Language Arts (650) 949-7250 www.foothill.edu/la/

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

ENGL 1A COMPOSITION & READING 5 Units

Prerequisite: Eligibility based on appropriate assessment information or successful completion of ENGL 110 and ENGL 209.
Advisory: Not open to students with credit in ENGL 1AH; students may enroll in ENGL 1A or 1T, but not both, for credit.
5 hours lecture. (60 total hours per quarter.)
Not Repeatable.

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

Course Number CRN	Course ID	Title Activity	Units Time Days	Instructor	Location
20166	ENGL-001A-01	LEC 07:35 AM-09:50 AM	MW	HAYES	6401
20167	ENGL-001A-02	LEC 07:35 AM-09:50 AM	MW	MCPHERSON	4813
20168	ENGL-001A-03	LEC 07:35 AM-09:50 AM	TTh	ONUGHA	6405
20169	ENGL-001A-04	LEC 07:35 AM-09:50 AM	TTh	CHAN	6708
20170	ENGL-001A-05	LEC 08:00 AM-09:50 AM	MW	STAFF	6306
		LEC 08:00 AM-08:50 AM	F	STAFF	6306
20481	ENGL-001A-06	LEC 08:00 AM-09:50 AM	MW	STAFF	6501
		LEC 08:00 AM-08:50 AM	F	STAFF	6501
20171	ENGL-001A-07	LEC 08:00 AM-09:50 AM	MW	GOLDSTONE	6302
		LEC 08:00 AM-08:50 AM	F	GOLDSTONE	6302
20172	ENGL-001A-08	LEC 08:00 AM-09:50 AM	TTh	HAYES	6501
		LEC 09:00 AM-09:50 AM	F	HAYES	6501
20643	ENGL-001A-09	LEC 08:00 AM-09:50 AM	TTh	HARRIS	6306
		LEC 09:00 AM-09:50 AM	F	HARRIS	6306
20174	ENGL-001A-10	LEC 08:00 AM-09:50 AM	TTh	DOREEN	6505
		LEC 09:00 AM-09:50 AM	F	DOREEN	6505
20480	ENGL-001A-11	LEC 10:00 AM-11:50 AM	MW	WOLTERBEEK	6303
		LEC 10:00 AM-10:50 AM	F	WOLTERBEEK	6303
20173	ENGL-001A-12	LEC 10:00 AM-11:50 AM	MW	STAFF	6503
		LEC 10:00 AM-10:50 AM	F	STAFF	6503
20175	ENGL-001A-13	LEC 10:00 AM-11:50 AM	MW	STAFF	6301
		LEC 10:00 AM-10:50 AM	F	STAFF	6301
20176	ENGL-001A-14	LEC 10:00 AM-11:50 AM	TTh	WOLTERBEEK	6305
		LEC 11:00 AM-11:50 AM	F	WOLTERBEEK	6305
20177	ENGL-001A-15	LEC 10:00 AM-11:50 AM	TTh	HAYES	6401
		LEC 11:00 AM-11:50 AM	F	HAYES	6401
20178	ENGL-001A-16	LEC 12:00 PM-01:25 PM	TThF	LANKFORD	6401
20179	ENGL-001A-17	LEC 12:00 PM-01:25 PM	TThF	SORMAN	6305
20180	ENGL-001A-18	LEC 01:30 PM-03:45 PM	MW	HANSEN	6306
20181	ENGL-001A-19	LEC 01:30 PM-03:45 PM	MW	STAFF	6302
20647	ENGL-001A-20	LEC 01:30 PM-03:45 PM	TTh	OGLE	6401
20648	ENGL-001A-21	LEC 04:00 PM-05:25 PM	TWTh	DEVAULT	6405
20570	ENGL-001A-22	LEC 06:00 PM-08:15 PM	MW	PERKINS	6501
◆ 20921	ENGL-001A-23	LEC 06:00 PM-08:15 PM	TTh	BIGLEY	MC A4
✓ 20654	ENGL-001A-24W	LEC TBA	TBA	LEWIS	ONLINE
<i>ENGL-001A-24W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/tga/ for information on how to begin.</i>					
✓ 20655	ENGL-001A-25W	LEC TBA	TBA	ONUGHA	ONLINE
<i>ENGL-001A-25W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/tga/ for information on how to begin.</i>					
✓ 20922	ENGL-001A-26W	LEC TBA	TBA	MCPHERSON	ONLINE
<i>ENGL-001A-26W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/tga/ for information on how to begin.</i>					
✓ 20923	ENGL-001A-27W	LEC TBA	TBA	LEWIS	ONLINE
<i>ENGL-001A-27W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/tga/ for information on how to begin.</i>					
✓ 20909	ENGL-001A-28W	LEC TBA	TBA	STAFF	ONLINE
<i>ENGL-001A-28W: Courses taught through Eastside Prep Academy in East Palo Alto.</i>					
✓ 21103	ENGL-001A-29W	LEC TBA	TBA	REILLY	ONLINE
<i>ENGL-001A-29W: Courses taught through Eastside Prep Academy in East Palo Alto.</i>					

ENGL 1B COMPOSITION, CRITICAL READING & THINKING 5 Units

Prerequisite: ENGL 1A or ENGL 1AH or ENGL 1T or ESLL 26.
Advisory: Not open to students with credit in ENGL 1BH.
5 hours lecture. (60 total hours per quarter.)
Not Repeatable.

Further development in the technique and practice of expository and argumentative writing, critical reading and thinking. Readings chosen to represent a broad spectrum of opinions and ideas, writing styles, and cultural experiences. Formal instruction in composition and critical thinking.

20182	ENGL-001B-01	LEC 07:35 AM-09:50 AM	MW	WARFE	6405
20183	ENGL-001B-02	LEC 07:35 AM-09:50 AM	MW	STAFF	6503
21585	ENGL-001B-03	LEC 07:35 AM-09:50 AM	TTh	STAFF	6409
20819	ENGL-001B-04	LEC 07:35 AM-09:50 AM	TTh	STAFF	1220
20185	ENGL-001B-05	LEC 08:00 AM-09:50 AM	MW	SPERRY	6505
		LEC 08:00 AM-08:50 AM	F	SPERRY	6505
20184	ENGL-001B-06	LEC 08:00 AM-09:50 AM	MW	DAILEY	3303
		LEC 08:00 AM-08:50 AM	F	DAILEY	3303
20186	ENGL-001B-07	LEC 08:00 AM-09:50 AM	TTh	DAILEY	5999
		LEC 09:00 AM-09:50 AM	F	DAILEY	5999
20822	ENGL-001B-08	LEC 08:00 AM-09:50 AM	TTh	PERKINS	3403
		LEC 09:00 AM-09:50 AM	F	PERKINS	3403

◆ = Middlefield Campus class

✓ = Online or Hybrid class

● = Off-Campus class

Evening classes are shaded.

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
20187 ENGL-001B-09	LEC 10:00 AM-11:50 AM MW	BANACH	6506	
	LEC 10:00 AM-10:50 AM F	BANACH	6506	
20188 ENGL-001B-10	LEC 10:00 AM-11:50 AM MW	SPERRY	6405	
	LEC 10:00 AM-10:50 AM F	SPERRY	6405	
20189 ENGL-001B-11	LEC 10:00 AM-11:50 AM TTh	BANACH	6505	
	LEC 11:00 AM-11:50 AM F	BANACH	6505	
20190 ENGL-001B-12	LEC 10:00 AM-11:50 AM TTh	TREANOR	6306	
	LEC 11:00 AM-11:50 AM F	TREANOR	6306	
20656 ENGL-001B-13	LEC 12:00 PM-01:25 PM TThF	WOLTERBEEK	6505	
21587 ENGL-001B-14	LEC 12:00 PM-01:25 PM TThF	OGLE	6501	
20587 ENGL-001B-15	LEC 01:30 PM-03:45 PM MW	STAFF	6303	
20586 ENGL-001B-16	LEC 01:30 PM-03:45 PM TTh	TREANOR	6405	
20868 ENGL-001B-17	LEC 04:00 PM-05:25 PM TWTh	ROBBINS	6302	
21589 ENGL-001B-18	LEC 06:00 PM-08:15 PM MW	GOLDNER	6502	
20658 ENGL-001B-19	LEC 06:00 PM-08:15 PM TTh	FLOWERS	MC B3	
21279 ENGL-001B-20W	LEC TBA	TBA	ROBBINS	ONLINE

ENGL-001B-20W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.

20660 ENGL-001B-21W LEC TBA TBA SVETICH ONLINE
ENGL-001B-21W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.

20661 ENGL-001B-22W LEC TBA TBA JANAKOS ONLINE
ENGL-001B-22W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.

20924 ENGL-001B-23W LEC TBA TBA GOLDNER ONLINE
ENGL-001B-23W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.

20925 ENGL-001B-24W LEC TBA TBA SVETICH ONLINE
ENGL-001B-24W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.

ENGL 1C ADVANCED COMPOSITION 4 Units

Prerequisite: ENGL 1A or ENGL 1AH or ENGL 1T 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 for students preparing to transfer to four-year colleges and universities.

20821 ENGL-001C-01 LEC 08:00 AM-09:50 AM MW CHAN 4302

ENGL 1S INTEGRATED COMPOSITION & READING 5 Units

Formerly: ENGL 42S

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 1S & 1T combination to satisfy the Foothill General Education Requirement for Area II, English, the student must complete ENGL 1S & 1T. Also, to receive UC transfer credit for ENGL 1A, the student must complete ENGL 1S & 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.

Integrated reading and writing pathway that scaffolds instruction in freshman composition outcomes over two quarters, ENGL 1S and ENGL 1T respectively. Over this 2 quarter stretch, students read substantive quantities of college-level texts and write a total of 10,000 words, comprised of a minimum of 10 compositions (7 out-of-class and 3 in-class) to practice the techniques of critical reading, critical thinking, and written communication. Reading focused primarily on works of non-fiction prose, including published and student writing, chosen to represent a broad spectrum of opinions and ideas, writing styles, and cultural experiences. ENGL 1S is the first half of ENGL 1S/T.

20863 ENGL-001S-01P LEC 10:00 AM-12:20 PM MW HUERTA 6409

ENGL-001S-01P: Puente students only. Courses listed with an "S" suffix are the first half of the course. "T" indicates the second half. The student does not receive full credit for the course until "T" is completed. "S" must be taken before "T". Concurrent enrollment in ENGL242A01P, CRN 20864, offered W 1:30-3:20pm, is required. Contact 650-949-7437 for information.

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
20866 ENGL-001S-02	LEC 10:00 AM-12:20 PM TTh	LEWIS	6707	

ENGL-001S-02: Courses listed with an "S" suffix are the first half of the course. "T" indicates the second half. The student does not receive full credit for the course until "T" is completed. "S" must be taken before "T". Concurrent enrollment in ENGL242A02, CRN 20865, offered R 1:30-3:20pm, is required. Contact 650-949-7129 for information.

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.

20977 ENGL-011-01 LEC 01:30 PM-03:20 PM TTh ROBBINS 6302

ENGL 11H HONORS INTRODUCTION TO POETRY 4 Units

Prerequisites: Eligibility for ENGL 1A; Honors Institute participant.

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

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. Honors work challenges students to be more analytical through expanded assignments including, but not limited to, research-driven literature reviews, reflection papers, and outside enrichment opportunities. The honors course offers accelerated students an enriching and demanding environment by means of a learner-centered pedagogy, student-generated and student led discussions, self-directed, yet supervised, creative projects, and the emphasis and application of higher-level thinking skills: analysis, synthesis and evaluation.

21265 ENGL-011H-01H LEC 01:30 PM-03:20 PM TTh ROBBINS 6302

ENGL-011H-01H: Honors students only. Call the Honors Institute at (650) 949-7638.

ENGL 17 INTRODUCTION TO SHAKESPEARE 4 Units

Prerequisite: Eligibility for ENGL 1A.

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

Not Repeatable.

Detailed analysis of representative sonnets, and history, tragedy, comedy, and romance dramas through lecture and discussion. Consideration of the Elizabethan world.

21595 ENGL-017-01 LEC 10:00 AM-11:50 AM MW PELLETIER 5911

ENGL 18A VAMPIRE LITERATURE: MULTICULTURAL REPRESENTATIONS OF THE BLOODSUCKER 4 Units

Prerequisite: Eligibility for ENGL 1A.

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

Not Repeatable.

Survey of vampire literature across a variety of cultures. Discussion and analysis (both written and oral) of vampiric literary texts within various theoretical and historical contexts, including the gothic, the psychoanalytic, gender and sexuality, race and the "other," cultural studies, theories of corporeality. Emphasis on historical and cross-cultural analyses.

21593 ENGL-018A-01 LEC 10:00 AM-11:50 AM TTh SVETICH 6409

ENGL 1AH HONORS COMPOSITION & READING 5 Units

Prerequisite: Eligibility based on appropriate assessment information or completion of ENGL 110 and ENGL 209; Honors Institute participant.

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

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.

◆ = Middlefield Campus class

✓ = Online or Hybrid class

● = Off-Campus class

Evening classes are shaded.

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
<p>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.</p>				
20192 ENGL-01AH-01H	LEC	10:00 AM-11:50 AM TTh	LANKFORD	6507
	LEC	11:00 AM-11:50 AM F	LANKFORD	6507
<p>ENGL-01AH.01H: Honors students only. Call the Honors Institute at (650) 949-7638.</p>				
ENGL 1BH	HONORS COMPOSITION, CRITICAL READING & THINKING	5 Units		
<p>Prerequisite: ENGL 1A or ENGL 1AH or ENGL 1T or ESLL 26; Honors Institute participant. Advisory: Not open to students with credit in ENGL 1B. 5 hours lecture. (60 total hours per quarter.) Not Repeatable. Further development in the technique and practice of expository and argumentative writing, critical reading and thinking. Readings chosen to represent a broad spectrum of opinions and ideas, writing styles, and cultural experiences. Formal instruction in composition and critical thinking.</p>				
<p>The honors section offers a challenging intellectual environment for students intending to transfer to a four-year college or university. Class discussion and assignments focus on literature as a reflection of multiple perspectives, social constructs, and cultural values. Course fosters an understanding and appreciation of various literary genres and includes logic and literary theory. Emphasis on rhetorical strategies and stylistic refinements for effective persuasive writing across the disciplines. Enrichment activities include attendance at plays, author readings, public lectures, and independent or collaborative study on a contemporary author.</p>				
20193 ENGL-01BH-01H	LEC	08:00 AM-09:50 AM TTh	SVETICH	1401
	LEC	09:00 AM-09:50 AM F	SVETICH	1401
<p>ENGL-01BH.01H: Honors students only. Call the Honors Institute at (650) 949-7638.</p>				
ENGL 48A	THE NATURE OF AMERICAN LITERATURE: 1492-1862	4 Units		
<p>Prerequisite: ENGL 1A or 1AH or 1T or ESLL 26. Four hours lecture. (48 total hours per quarter.) Not Repeatable. Representative works of American literature from Columbus's first voyage through the Civil War, focusing on the nature of entirely new literary forms, new cultural voices, and new ecological landscapes. Selections from Native American myths, legends, and autobiographies; reports of early Spanish explorers; English colonial histories and Puritan poetry; African American slave narratives and poems; Revolutionary War political texts; frontier tall tales; Gothic short stories; romantic fiction; and nature writing. Special emphasis on the contributions of diverse cultures in forging a distinctively American literature, landscape, and identity.</p>				
21592 ENGL-048A-01	LEC	08:00 AM-09:50 AM TTh	LANKFORD	6403
ENGL 110	INTRODUCTION TO COLLEGE WRITING	5 Units		
<p>Prerequisites: Eligibility based on assessment or successful completion of ENGL 209. Advisory: Not open to students with credit in ENGL 108. 5 hours lecture. (60 total hours per quarter.) Not Repeatable. Intended for students requiring explicit instruction and practice in writing expository essays, emphasizing clear sentence structure and logical development. Assignments include summary and synthesis of texts, critical analysis, as well as personal writing. Instruction includes rules of and practice on punctuation skills. Lecture, discussion, collaborative, and individualized instruction.</p>				
21590 ENGL-110-.01	LEC	07:35 AM-09:50 AM MW	WHITE	6708
20195 ENGL-110-.02	LEC	07:35 AM-09:50 AM TTh	HARVEY	6401
20196 ENGL-110-.03	LEC	08:00 AM-09:50 AM MW	WEYDEMULLER	6409
	LEC	08:00 AM-08:50 AM F	WEYDEMULLER	6409

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
21591 ENGL-110-.04	LEC	08:00 AM-09:50 AM MW	DOREEN	5999
	LEC	08:00 AM-08:50 AM F	DOREEN	5999
20823 ENGL-110-.05	LEC	08:00 AM-09:50 AM TTh	MILLS	6503
	LEC	09:00 AM-09:50 AM F	MILLS	6503
21594 ENGL-110-.06	LEC	08:00 AM-09:50 AM TTh	GRIFFIN	6305
	LEC	09:00 AM-09:50 AM F	GRIFFIN	6305
20198 ENGL-110-.07	LEC	10:00 AM-11:50 AM MW	DEVAULT	6708
	LEC	10:00 AM-10:50 AM F	DEVAULT	6708
21596 ENGL-110-.08	LEC	10:00 AM-11:50 AM MW	WEYDEMULLER	6305
	LEC	10:00 AM-10:50 AM F	WEYDEMULLER	6305
20199 ENGL-110-.09	LEC	10:00 AM-11:50 AM TTh	MILLS	6302
	LEC	11:00 AM-11:50 AM F	MILLS	6302
20200 ENGL-110-.10	LEC	10:00 AM-11:50 AM TTh	FERNANDEZ	3525
	LEC	11:00 AM-11:50 AM F	FERNANDEZ	3525
20201 ENGL-110-.11	LEC	12:00 PM-01:25 PM TThF	MENENDEZ	6502
20202 ENGL-110-.12	LEC	01:30 PM-03:45 PM MW	DOREEN	6405
20571 ENGL-110-.13	LEC	01:30 PM-03:45 PM TTh	MILLS	6501
◆ 20668 ENGL-110-.14	LEC	06:00 PM-08:15 PM TTh	MCDONALD	MC B5

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.

20669 ENGL-209-.01	LEC	07:35 AM-09:50 AM MW	ARCA	6506
<p>ENGL209 WAS PREVIOUSLY LISTED AS ENGL100.</p>				
21597 ENGL-209-.02	LEC	07:35 AM-09:50 AM TTh	ARCA	6507
<p>ENGL209 WAS PREVIOUSLY LISTED AS ENGL100.</p>				
20670 ENGL-209-.03	LEC	08:00 AM-09:50 AM MW	HANSEN	6507
	LEC	08:00 AM-08:50 AM F	HANSEN	6507
<p>ENGL209 WAS PREVIOUSLY LISTED AS ENGL100.</p>				
20671 ENGL-209-.04	LEC	08:00 AM-09:50 AM MW	GREGURAS	6307
	LEC	08:00 AM-08:50 AM F	GREGURAS	6307
<p>ENGL209 WAS PREVIOUSLY LISTED AS ENGL100.</p>				
20673 ENGL-209-.05	LEC	08:00 AM-09:50 AM TTh	LEWIS	6307
	LEC	09:00 AM-09:50 AM F	LEWIS	6307
<p>ENGL209 WAS PREVIOUSLY LISTED AS ENGL100.</p>				
20672 ENGL-209-.06	LEC	08:00 AM-09:50 AM TTh	FERNANDEZ	6303
	LEC	09:00 AM-09:50 AM F	FERNANDEZ	6303
<p>ENGL209 WAS PREVIOUSLY LISTED AS ENGL100.</p>				
20676 ENGL-209-.07	LEC	10:00 AM-11:50 AM MW	HANSEN	6505
	LEC	10:00 AM-10:50 AM F	HANSEN	6505
<p>ENGL209 WAS PREVIOUSLY LISTED AS ENGL100.</p>				
20678 ENGL-209-.09	LEC	10:00 AM-11:50 AM TTh	MENENDEZ	6307
	LEC	11:00 AM-11:50 AM F	MENENDEZ	6307
<p>ENGL 209: WAS PREVIOUSLY LISTED AS ENGL100.</p>				
20679 ENGL-209-.10	LEC	10:00 AM-11:50 AM TTh	HUERTA	6405
	LEC	11:00 AM-11:50 AM F	HUERTA	6405
<p>ENGL209 WAS PREVIOUSLY LISTED AS ENGL100.</p>				
20680 ENGL-209-.11	LEC	12:00 PM-01:25 PM TThF	LANE	6307
<p>ENGL 209: WAS PREVIOUSLY LISTED AS ENGL100.</p>				
21598 ENGL-209-.12	LEC	01:30 PM-03:45 PM MW	PRATT	6401
<p>ENGL 209: WAS PREVIOUSLY LISTED AS ENGL100.</p>				
21599 ENGL-209-.13	LEC	01:30 PM-03:45 PM TTh	FERNANDEZ	6303
<p>ENGL 209: WAS PREVIOUSLY LISTED AS ENGL100.</p>				
◆ 20684 ENGL-209-.14	LEC	06:00 PM-08:15 PM TTh	HARVEY	6301
<p>ENGL 209: WAS PREVIOUSLY LISTED AS ENGL100.</p>				
◆ 20681 ENGL-209-.15	LEC	06:00 PM-08:15 PM TTh	HILL	MC J3
<p>ENGL 209: WAS PREVIOUSLY LISTED AS ENGL100.</p>				
20677 ENGL-209-.8	LEC	10:00 AM-11:50 AM MW	GREGURAS	6501
	LEC	10:00 AM-10:50 AM F	GREGURAS	6501

ENGL 242A CRITICAL THINKING: STUDENT-MANAGED PORTFOLIO DEVELOPMENT 2 Units

Corequisite: ENGL 1S.

◆ = Middlefield Campus class

✓ = Online or Hybrid class

● = Off-Campus class

Evening classes are shaded.

Course Number CRN	Title Course ID	Units Activity	Time Days	Instructor	Location
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**2 hours lecture. (24 total hours per quarter.)
Not Repeatable.**

A survey of basic theory, design, and implementation strategies for the student-managed formative portfolio. Students write a total of at least 1000 words, with emphasis on the reflective and evaluative processes necessary for portfolio development. Practice in managing and maintaining the information and artifacts of a portfolio as a comprehensive analysis of the student learning experience.

Use of portfolio development to increase meta-cognitive awareness of the integration between reading and writing processes; of the student's location within discourse communities, including the campus community; and of the behaviors necessary for college success.

20864	ENGL-242A-01P	LEC	01:30 PM-03:20 PM	W	HUERTA	6305
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Fall - modified: Jul 24, 2012 11:21:47 am

ENGL-242A-01P: Puente students only. Concurrent enrollment in ENGL001S01P, CRN 20863, offered MW 10:00a.m.-12:20p.m. is required. Contact 650-949-7437 for information.

20865	ENGL-242A-02	LEC	01:30 PM-03:20 PM	Th	LEWIS	4008
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ENGL-242A-02: Concurrent enrollment in ENGL001S02, CRN 20866, offered TR 10:00a.m.-12:20p.m., is required. Contact 650-949-7129 for information.

ENGINEERING

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

ENGR 6 ENGINEERING GRAPHICS 4 Units
**3 hours lecture, 3 hours laboratory. (72 total hours per quarter.)
Not Repeatable.**

The application of orthographic projection to detail and assembly drawings, with examples from various engineering fields. Geometric construction, sketching, dimensioning for interchangeable assembly and specification of materials. Graphical analysis, documentation and presentation of engineering information. Theory of orthographic projection and its application to graphical solution of the more advanced three-dimensional space problems. Investigation of relationships between points, lines, planes and solids. Use of solid modeling computer program in carrying out the above course components.

21807	ENGR-006-.01	LEC	01:30 PM-02:45 PM	MW	PARIKH	4223
		LAB	03:00 PM-04:15 PM	MW	PARIKH	4223

ENGR 10 INTRODUCTION TO ENGINEERING 5 Units
Formerly: ENGR 20

**Prerequisites: 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.

21815	ENGR-010-.01	LEC	01:30 PM-02:45 PM	TTh	PARIKH	4715
		LAB	03:00 PM-05:50 PM	TTh	PARIKH	4715

ENGR-010-.01: Additional costs for online materials or content in place of or in addition to a textbook may be required.

21816	ENGR-010-.02	LEC	05:30 PM-06:45 PM	MW	PANTCHENKO	4715
		LAB	07:00 PM-09:50 PM	MW	PANTCHENKO	4715

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 circuit 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.

Course Number CRN	Title Course ID	Units Activity	Time Days	Instructor	Location
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20567	ENGR-037-01	LEC	01:30 PM-03:45 PM	MW	PANTCHENKO	3204
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ENGR-037-01: Additional costs for online materials or content in place of or in addition to a textbook may be required.

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.

21817	ENGR-037L-01	L-L	01:00 PM-01:50 PM	F	PANTCHENKO	4716
		LAB	02:00 PM-04:50 PM	F	PANTCHENKO	4716

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.

21808	ENGR-039-.01	LEC	10:00 AM-11:50 AM	TTh	ORR	4605
		LAB	12:00 PM-02:50 PM	Th	ORR	4716

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. Exposure to engineers and their educational, personal, and career paths. Review of engineering ethics. Students formulate a career plan.

20203	ENGR-049-.01	LEC	12:00 PM-12:50 PM	T	PARIKH	4715
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ENGR-049-.01: Additional costs for online materials or content in place of or in addition to a textbook may be required.

ENGR 102 BUILDING SCIENCE & PERFORMANCE ENGINEERING 5 Units

**Advisory: ENGR 40, 81.
4 hours lecture, 3 hours laboratory. (84 total hours per quarter.)
Not Repeatable.**

Introduces practicing engineers, practitioners and engineering students to the field of building energy efficiency and green building technology, with an emphasis on building science and performance engineering. Key topics include understanding buildings as integrated systems, lighting, ventilation, heating and cooling, and energy efficiency as a design principle. Includes an overview of energy programs for financing energy efficiency projects, sustainable design assistance; field engineering (commissioning and auditing); and integration of renewable energy (BIPV). Prepares working students to effectively practice in this field. Laboratory includes real commissioning and auditing work on existing buildings, economic analysis of projects, and working with industry professionals to apply building efficiency skills to real buildings.

21814	ENGR-102-.01	LEC	05:30 PM-07:20 PM	MW	STAFF	4502
		LAB	07:30 PM-10:20 PM	W	STAFF	4714

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
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Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
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ENGLISH FOR SECOND LANGUAGE LEARNERS

Language Arts (650) 949-7250

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

ESLL 25 COMPOSITION & READING 5 Units

Formerly: *ESL 25*

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

Advisory: Completion of, or concurrent enrollment in ESLL 235 strongly recommended; concurrent enrollment in ESLL 246 and/or 247 strongly recommended; not open to students with credit in ESL 25 or 257.

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

Not Repeatable.

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

20483	ESLL-025-.01	LEC 08:00 AM-09:50 AM MW	WILEY	6301
		LEC 08:00 AM-08:50 AM F	WILEY	6301
20484	ESLL-025-.02	LEC 08:00 AM-09:50 AM TTh	MCCORMICK	6302
		LEC 09:00 AM-09:50 AM F	MCCORMICK	6302
20485	ESLL-025-.03	LEC 10:00 AM-11:50 AM MW	WILEY	6403
		LEC 10:00 AM-10:50 AM F	WILEY	6403
20486	ESLL-025-.04	LEC 10:00 AM-11:50 AM TTh	PRATT	6303
		LEC 11:00 AM-11:50 AM F	PRATT	6303
21609	ESLL-025-.05	LEC 12:00 PM-01:25 PM TThF	PRATT	6507
20487	ESLL-025-.06	LEC 01:30 PM-03:45 PM MW	MCCORMICK	6403
21608	ESLL-025-.07	LEC 06:00 PM-08:15 PM MW	FLOWERS	6507

ESLL 26 ADVANCED COMPOSITION & READING 5 Units

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.)

Not Repeatable.

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

20488	ESLL-026-.01	LEC 08:00 AM-09:50 AM MW	STAFF	6403
		LEC 08:00 AM-08:50 AM F	STAFF	6403
20489	ESLL-026-.02	LEC 08:00 AM-09:50 AM TTh	HENZL	3301
		LEC 09:00 AM-09:50 AM F	HENZL	3301
20490	ESLL-026-.03	LEC 10:00 AM-11:50 AM MW	CUMMINS	6306
		LEC 10:00 AM-10:50 AM F	CUMMINS	6306
20491	ESLL-026-.04	LEC 10:00 AM-11:50 AM MW	COLLATO	4302
		LEC 10:00 AM-10:50 AM F	COLLATO	4302
20520	ESLL-026-.05	LEC 10:00 AM-11:50 AM TTh	CUMMINS	6403
		LEC 11:00 AM-11:50 AM F	CUMMINS	6403
20585	ESLL-026-.06	LEC 01:30 PM-03:45 PM MW	UYEDA	6301
21010	ESLL-026-.07	LEC 01:30 PM-03:45 PM TTh	CUMMINS	6502
21011	ESLL-026-.08	LEC 06:00 PM-08:15 PM MW	UYEDA	6401

ESLL 226 HIGH-INTERMEDIATE GRAMMAR 5 Units

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.)

Not Repeatable.

A high-intermediate English course for non-native speakers focusing on comprehension, communication, and grammatical accuracy. Emphasis on understanding and communication of new information, conjectures, and logical relationships in spoken and written contexts. Computer or workbook activities to reinforce knowledge of structures.

20492	ESLL-226-.01	LEC 08:00 AM-09:50 AM TTh	MORASCI	6506
		LEC 08:00 AM-08:50 AM F	MORASCI	6506
20493	ESLL-226-.02	LEC 10:00 AM-11:50 AM MW	JARDALI	6401
		LEC 10:00 AM-10:50 AM F	JARDALI	6401

ESLL 227 HIGH-INTERMEDIATE READING SKILLS 5 Units

Formerly: *ESL 157*

Prerequisite: Appropriate placement test score or ESLL 210B.

Advisory: Concurrent enrollment in ESLL 226 recommended; designed for students whose native language is not English; not open to students with credit in ESL 157.

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

Not Repeatable.

An upper intermediate-level reading course focusing on higher level comprehension skills and strategies for dealing with pre-college-level reading. Computer and/or workbook activities to reinforce knowledge of material and skills.

20689	ESLL-227-.01	LEC 08:00 AM-09:50 AM MW	DRAGAN	3525
		LEC 08:00 AM-08:50 AM F	DRAGAN	3525
20505	ESLL-227-.02	LEC 10:00 AM-11:50 AM TTh	JARDALI	6301
		LEC 11:00 AM-11:50 AM F	JARDALI	6301

ESLL 235 LISTENING/SPEAKING FOR ACADEMIC PURPOSES 5 Units

Formerly: *ESL 165*

Prerequisite: Appropriate placement test score or ESLL 225.

Advisory: Successful completion of ESLL 226 and ESLL 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.

20494	ESLL-235-.01	LEC 12:00 PM-01:25 PM TThF	MORASCI	6301
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ESLL 236 ADVANCED GRAMMAR 5 Units

Formerly: *ESL 166*

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

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

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

Not Repeatable.

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

20495	ESLL-236-.01	LEC 08:00 AM-09:50 AM MW	MORASCI	6502
		LEC 08:00 AM-08:50 AM F	MORASCI	6502
20496	ESLL-236-.02	LEC 10:00 AM-11:50 AM MW	MORASCI	6507
		LEC 10:00 AM-10:50 AM F	MORASCI	6507
21610	ESLL-236-.03	LEC 10:00 AM-11:55 AM TTh	DRAGAN	6503
		LEC 11:00 AM-11:50 AM F	DRAGAN	6503

◆ = Middlefield Campus class

✓ = Online or Hybrid class

● = Off-Campus class

Evening classes are shaded.

Course Number CRN	Course ID	Title Activity	Units Time Days	Instructor	Location
20497	ESLL-236-.04	LEC	01:30 PM-03:45 PM MW	JARDALI	6409
21847	ESLL-236-.05	LEC	06:00 PM-08:15 PM TTh	FASS	6302

ESLL 237 BASIC COMPOSITION SKILLS 5 Units

Formerly: ESL 167

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

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

Corequisite: Concurrent enrollment in or a grade of "C" or better or ESLL 236.

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

Not Repeatable.

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

20503	ESLL-237-.01	LEC	08:00 AM-09:50 AM TTh	CABRAL	3303
		LEC	09:00 AM-09:50 AM F	CABRAL	3303
20506	ESLL-237-.02	LEC	10:00 AM-11:50 AM MW	PRATT	6502
		LEC	10:00 AM-10:50 AM F	PRATT	6502
20502	ESLL-237-.03	LEC	10:00 AM-11:50 AM TTh	STAFF	5911
		LEC	11:00 AM-11:50 AM F	STAFF	5911
20501	ESLL-237-.04	LEC	01:30 PM-03:45 PM TTh	UYEDA	6301
21845	ESLL-237-.05	LEC	06:00 PM-08:15 PM MW	GOKSEL-DEMIR	6201

ESLL 246 APPLIED GRAMMAR & EDITING SKILLS 3 Units

Formerly: ESL 176

Prerequisites: Completion of ESLL 236 or an appropriate score on the ESL placement test.

Advisory: Not open to students with credit in ESL 176.

Corequisites: Concurrent enrollment in ESLL 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.

21611	ESLL-246-.01	LEC	12:00 PM-01:25 PM MW	JAQUISH	6303
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ESLL246-.01: This is an 11-week class. The first day of class will be 09/30/13.

ESLL 247 ADVANCED VOCABULARY DEVELOPMENT FOR READING & WRITING 3 Units

Formerly: ESL 177

Prerequisites: Appropriate placement test score or successful completion of ESLL 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.

21612	ESLL-247-.01	LEC	12:00 PM-01:25 PM TTh	KATZ	6201
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ESLL247-.01: This is an 11-week class. The first day of class will be 09/30/13.

ESLL 248 ADVANCED GRAMMAR REVIEW 3 Units

Formerly: ESL 186

Prerequisite: ESLL 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.

Course Number CRN	Course ID	Title Activity	Units Time Days	Instructor	Location
✓ 20504	ESLL-248-.01W	LEC TBA	TBA	WONG	ONLINE

ESLL248.01W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/tga/ for information on how to begin.

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 online 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

Advisory: Eligibility for ENGL 1A or ESLL 26; MATH 220.

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

Not Repeatable.

Study of the Earth's surface, including the earth's dimensions and systems; atmospheric processes; patterns of climate, vegetation and soils; and features, processes and interactions of land, water and various energy sources. Use of maps for interpretation.

20665	GEOG-001-.01	LEC	12:00 PM-01:50 PM TTh	WILLAHAN	3401
		LAB	02:30 PM-04:30 PM Th	WILLAHAN	3401
		L-L	01:50 PM-02:20 PM TTh	WILLAHAN	3401
✓ 20204	GEOG-001-.02W	LEC TBA	TBA	CRAM	ONLINE
✓		LAB TBA	TBA	CRAM	ONLINE

GEOG-001-.02W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/tga/ for information on how to begin.

✓ 20205	GEOG-001-.03W	LEC TBA	TBA	CRAM	ONLINE
✓		LAB TBA	TBA	CRAM	ONLINE

GEOG-001-.03W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/tga/ for information on how to begin.

✓ 20920	GEOG-001-.04W	LEC TBA	TBA	MEEZAN	ONLINE
✓		LAB TBA	TBA	MEEZAN	ONLINE

GEOG-001-.04W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/tga/ for information on how to begin.

20876	GEOG-001-.05Y	LEC	12:00 PM-01:50 PM MW	MEEZAN	3401
✓		LAB TBA	TBA	MEEZAN	ONLINE

GEOG-001-.05Y: Hybrid class: one weekly TBA hour via online instruction.

✓ 20877	GEOG-001-.06W	LEC TBA	TBA	SENGUPTA	ONLINE
✓		LAB TBA	TBA	SENGUPTA	ONLINE

GEOG-001-.06W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/tga/ for information on how to begin.

✓ 21294	GEOG-001-.07W	LEC TBA	TBA	SENGUPTA	ONLINE
✓		LAB TBA	TBA	SENGUPTA	ONLINE

GEOG-001-.07W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/tga/ for information on how to begin.

GEOG 2 HUMAN GEOGRAPHY 4 Units

Advisory: Eligibility for ENGL 1A or ESLL 26.

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

Not Repeatable.

The cultural geographic landscape. Study of the human population from origins to the present with an emphasis on the future. Examination of population densities, migrations and settlements; races, languages and religions; patterns of land use and major environmental perceptions and problems. Analysis of energy, mineral, and food resources and how cultures utilize them.

20659	GEOG-002-.01	LEC	10:00 AM-11:50 AM MW	HANSELL	3404
✓ 20878	GEOG-002-.02W	LEC TBA	TBA	DAVIS	ONLINE

GEOG-002-.02W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/tga/ for information on how to begin.

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.

◆ = Middlefield Campus class

✓ = Online or Hybrid class

● = Off-Campus class

Evening classes are shaded.

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

✓ 20634 GEOG-005.-01W LEC TBA TBA DAVIS ONLINE
 GEOG-005.-01W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.

GEOG 10 WORLD REGIONAL GEOGRAPHY 4 Units

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

Survey of the world's major culture regions and major nations. Physical, cultural, economic features. Emphasis on historical influences on population growth, transportation networks, natural environment, potential and problems. Location, importance and impact of the foremost features of countries, states, major cities, rivers and landform regions.

✓ 21663 GEOG-010.-01W LEC TBA TBA DAVIS ONLINE
 GEOG-010.-01W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.

GEOG 12 INTRODUCTION TO GEOSPATIAL TECHNOLOGY 4 Units

Advisory: GEOG 11 or GIST 11; not open to students with credit in GIST 12.
 3 hours lecture, 3 hours laboratory. (72 total hours per quarter.)
 Not Repeatable.

Study of Geospatial Technology including Geographic Information Systems (GIS), Global Positioning Systems (GPS), cartography, remote sensing, and spatial analysis. Application of Geographic Information Systems (GIS) science to spatial data management. Assessment of vector and raster systems, scale, resolution, map projection, coordinate systems and georeferencing. Identification and acquisition of spatial data.

20691 GEOG-012.-01Y LEC 06:00 PM-08:40 PM T MEEZAN 4008
 LEC 09:00 PM-09:50 PM T MEEZAN 4008
 ✓ LAB TBA TBA MEEZAN ONLINE

GEOG-012.-01Y: Hybrid class: one weekly TBA hour via online instruction.

20675 GEOG-012.-02Y LEC 06:00 PM-08:40 PM W RICH 4008
 LEC 09:00 PM-09:50 PM W RICH 4008
 ✓ LAB TBA TBA RICH ONLINE

GEOG-012.-02Y: Hybrid class: one weekly TBA hour via online instruction.

GRAPHICS & INTERACTIVE DESIGN

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

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

GID 1 HISTORY OF GRAPHIC DESIGN 4 Units

Advisory: Not open to students with credit in ART 36 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.

✓ 20718 GID-001.-01W LEC TBA TBA MANSKE ONLINE
 GID-001.-01W: 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 ART 36.

GID 33 GRAPHIC DESIGN STUDIO I 4 Units

Formerly: GID 50
 Advisory: Not open to students with credit in GID 50 or GRDS 53.
 3 hours lecture, 3 hours laboratory. (72 total hours per quarter.)
 Not Repeatable.

Introduction to graphic design and visual communication. Projects include composition, typography, image editing and logo design. Design principles are explored through creative

Course Number CRN	Course ID	Title Activity	Units Time	Days	Instructor	Location
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projects. Students practice fundamental software skills using Adobe Photoshop, Illustrator, and InDesign to complete the graphic design activities in this course.

✓ 20786 GID-033.-01W LEC TBA TBA BROWN ONLINE
 LAB TBA TBA BROWN ONLINE
 ✓ GID-033.-01W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.

✓ 21252 GID-033.-02W LEC TBA TBA BROWN ONLINE
 LAB TBA TBA BROWN ONLINE

GID 34 GRAPHIC DESIGN STUDIO II 4 Units

Formerly: GID 51
 Prerequisite: GID 33.
 Advisory: Not open to students with credit in GID 51.
 3 hours lecture, 3 hours laboratory. (72 total hours per quarter.)
 Not Repeatable.

Continuation of GID 33. Students engage in problem solving with real-world graphic design projects. Focus on creative solutions that effectively use type, image, and layout. Projects include brochure, advertisement, interface, and package design. Creative ideas are explored in sketches, rough layouts, and finished comps. Students learn software skills using Adobe InDesign, Illustrator, and Photoshop to complete the graphic design activities in this course.

✓ 20785 GID-034.-01W LEC TBA TBA RAGEY ONLINE
 LAB TBA TBA RAGEY ONLINE
 ✓ GID-034.-01W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.

GID 38 PRINT ARTS I 4 Units

Advisory: ART 4A and 5A; this course is included in the Printmaking Family of activity courses; not open to students with credit in ART 69 or GRDS 69.
 3 hours lecture, 3 hours laboratory. (72 total hours per quarter.)
 Not Repeatable.

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

20597 GID-038.-01Q LEC 09:00 AM-11:50 AM F MANSKE 1801
 LAB 11:50 AM-02:50 PM F MANSKE 1801

GID 39 PRINT ARTS II 4 Units

Prerequisite: GID 38.
 Advisory: This course is included in the Printmaking Family of activity courses.
 3 hours lecture, 3 hours laboratory. (72 total hours per quarter.)
 Not Repeatable.

Continuation of GID 38. Multi-color printing and photographic processes for relief, intaglio, screenprinting and lithography. Theory and practice making limited-edition and one-of-a-kind fine art prints.

20812 GID-039.-01Q LEC 09:00 AM-11:50 AM F MANSKE 1801
 LAB 11:50 AM-02:50 PM F MANSKE 1801

GID 41 DIGITAL ART & GRAPHICS 4 Units

Formerly: GID 74
 Advisory: Familiarity with computer operating systems, ART 4A or GID 70; ART 5A; PHOT 1; not open to students with credit in GID 74 and GRDS 56.
 3 hours lecture, 3 hours laboratory. (72 total hours per quarter.)
 Not Repeatable.

Introduction to using computers and software for painting, drawing, image processing, photo composites and typography. Emphasis on image making and creative problem solving.

✓ 20817 GID-041.-01W LEC TBA TBA MANSKE ONLINE
 LAB TBA TBA MANSKE ONLINE
 ✓ GID-041.-01W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.

GID 45 DIGITAL SOUND, VIDEO & ANIMATION 4 Units

Formerly: GID 80

◆ = Middlefield Campus class

✓ = Online or Hybrid class

● = Off-Campus class

Evening classes are shaded.

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
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Advisory: Not open to students with credit in ART 88, DRAM 86, GID 80, GRDS 86, MUS 12 or VART 86.

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

✓ 20788 GID -045.-01W	LEC TBA LAB TBA	TBA TBA	BROWN BROWN	ONLINE ONLINE
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GID -045.-01W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/tga/ for information on how to begin.

GID 53A BEGINNING T-SHIRT DESIGN & GARMENT PRINTING 4 Units

Formerly: GID 53

Advisory: Not open to students with credit in GID 53.

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

Basic instruction in design and printing for wearable art. Students learn techniques for image creation and preparation of artwork for screenprinting on t-shirts. Development of personal visual style while learning workflow of a professional printing studio.

21497 GID -053A-01Q	LEC 06:00 PM-07:15 PM LAB 07:15 PM-08:30 PM	MW MW	KNEELAND KNEELAND	1801 1801
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GID 53B INTERMEDIATE T-SHIRT DESIGN & GARMENT PRINTING 4 Units

Prerequisite: GID 53A.

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

Continuation of GID 53A. Intermediate instruction in design and printing for wearable art. Students learn digital skills for image creation and preparation of multi-color artwork for screenprinting on t-shirts, fabrics and wearable substrates. Focused development of personal visual style with emphasis on portfolio quality work. Basic business procedures of the garment printing industry are put into practice.

21498 GID -053B-01Q	LEC 06:00 PM-07:15 PM LAB 07:15 PM-08:30 PM	MW MW	KNEELAND KNEELAND	1801 1801
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GID 53C ADVANCED T-SHIRT DESIGN & GARMENT PRINTING 4 Units

Prerequisite: GID 53B.

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

Continuation of GID 53B. Advanced instruction in design, printing, management and business operations of a full-service garment printing business.

21499 GID -053C-01Q	LEC 06:00 PM-07:15 PM LAB 07:15 PM-08:30 PM	MW MW	KNEELAND KNEELAND	1801 1801
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GID 56 WEB SITE DESIGN 4 Units

Advisory: Proficiency using Adobe Photoshop software; not open to students with credit in GRDS 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.

✓ 20787 GID -056.-01W	LEC TBA LAB TBA	TBA TBA	BROWN BROWN	ONLINE ONLINE
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GID -056.-01W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/tga/ for information on how to begin.

✓ 21253 GID -056.-02W	LEC TBA LAB TBA	TBA TBA	BROWN BROWN	ONLINE ONLINE
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GID 70 GRAPHIC DESIGN DRAWING 4 Units

Advisory: Not open to students with credit in GRDS 60.

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
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**3 hours lecture, 3 hours laboratory. (72 total hours per quarter.)
Not Repeatable.**

Developing drawing skills for communicating ideas. Learning to simplify complex realistic images to express design concepts rapidly and effectively.

✓ 20598 GID -070.-02W	LEC TBA LAB TBA	TBA TBA	RAGEY RAGEY	ONLINE ONLINE
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GID -070.-02W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/tga/ for information on how to begin.

GID 73 PAPER ARTS I 4 Units

Formerly: GID 30

Advisory: This course is included in the Book Arts & Paper Family of activity courses; not open to students with credit in ART 30 or GID 30.

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

Introduction to the skills and techniques of the paper arts. Mold and cast hand-made paper from various cultures. Embedded and surface structural and decorative techniques. Construction of basic paper making tools. Exploration of paper as applied to print arts, book arts and graphic design projects. History of papermaking. Emphasis on materials, processes and techniques while exploring form and content.

21602 GID -073.-01Q	LEC 09:00 AM-11:50 AM LAB 11:50 AM-02:50 PM	F F	MANSKE MANSKE	1801 1801
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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.

20206 HIST-004A-01	LEC 10:00 AM-11:50 AM	TTh	DAVISON	3403
20207 HIST-004A-02	LEC 08:00 AM-09:50 AM	MW	FEIG	3403
20208 HIST-004A-03	LEC 10:00 AM-11:50 AM	MW	FEIG	3403

✓ 20209 HIST-004A-04W	LEC TBA	TBA	FEIG	ONLINE
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HIST-004A-04W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/tga/ for information on how to begin.

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

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

Survey of the development of Western society and culture from the early Middle Ages through the Age of Enlightenment. Emphasis upon the cultural, social, intellectual, and institutional changes that led to the birth of the modern Western culture and its interchange with the peoples of the world's continents.

✓ 20210 HIST-004B-01W	LEC TBA	TBA	DAVISON	ONLINE
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HIST-004B-01W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/tga/ for information on how to begin.

20211 HIST-004B-02	LEC 08:00 AM-09:50 AM	TTh	PRATER	3204
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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.)

◆ = Middlefield Campus class

✓ = Online or Hybrid class

● = Off-Campus class

Evening classes are shaded.

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

21121	HIST-004C-01	LEC	10:00 AM-11:50 AM	TTh	PRATER	5001
✓ 20212	HIST-004C-02W	LEC TBA		TBA	FEIG	ONLINE

HIST-004C-02W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/tga/ 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.

20728	HIST-009-01Q	LEC	12:00 PM-03:40 PM	M	FEIG	3201
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HIST-009-01Q: Focus: Honors Seminar Thematic Eastern/Central Europe in 20th/21st Century. Critical Area of World. Case Study: Poland, East/West Germany, Czech Republic, Slovakia, Hungary, Romania, Bulgaria, Albania, Croatia, Slovenia, Montenegro, Serbia, Macedonia, Bosnia, Kosovo, Ukraine. Wars, New Countries, Political, Human, Economic, Social Development and Fragmentation.

Contact the Honors Institute Office (650) 949-7638 for more information.

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.

20591	HIST-009H-01H	LEC	12:00 PM-03:40 PM	M	FEIG	3201
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HIST-009H-01H: Focus: Honors Seminar Thematic Eastern/Central Europe in 20th/21st Century. Critical Area of World. Case Study: Poland, East/West Germany, Czech Republic, Slovakia, Hungary, Romania, Bulgaria, Albania, Croatia, Slovenia, Montenegro, Serbia, Macedonia, Bosnia, Kosovo, Ukraine. Wars, New Countries, Political, Human, Economic, Social Development and Fragmentation.

Contact the Honors Institute Office (650) 949-7638 for more information.

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

Advisory: Eligibility for ENGL 1A or ESLL 26.

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

Not Repeatable.

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

✓ 20843	HIST-017A-01W	LEC TBA		TBA	FUNG	ONLINE
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HIST-017A-01W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/tga/ for information on how to begin.

21664	HIST-017A-02Y	LEC	08:30 AM-09:50 AM	TTh	ZIEGENHORN	3404
✓		LEC TBA		TBA	ZIEGENHORN	ONLINE

HIST-017A-02Y: Hybrid class: one weekly TBA hour via online instruction.

20841	HIST-017A-03	LEC	10:00 AM-11:50 AM	MW	MARDER	5912
✓ 20635	HIST-017A-04W	LEC TBA		TBA	STANDISH	ONLINE

Course Number CRN	Course ID	Title Activity	Units Time	Days	Instructor	Location
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HIST-017A-04W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/tga/ for information on how to begin.

20842	HIST-017A-05	LEC	08:00 AM-09:50 AM	MW	COBURN	3402
✓ 20720	HIST-017A-06W	LEC TBA		TBA	BUSH	ONLINE

HIST-017A-06W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/tga/ for information on how to begin.

21665	HIST-017A-07Y	LEC	10:00 AM-11:20 AM	TTh	ZIEGENHORN	3402
✓		LEC TBA		TBA	ZIEGENHORN	ONLINE

HIST-017A-07Y: Hybrid class: one weekly TBA hour via online instruction.

HIST 17B HISTORY OF THE UNITED STATES FROM 1812 TO 1914 4 Units

Advisory: Eligibility for ENGL 1A or ESLL 26.

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

Not Repeatable.

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

✓ 20213	HIST-017B-01W	LEC TBA		TBA	ZIEGENHORN	ONLINE
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HIST-017B-01W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/tga/ for information on how to begin.

20214	HIST-017B-02	LEC	12:00 PM-01:50 PM	TTh	BATHAM	3201
20844	HIST-017B-03	LEC	10:00 AM-11:50 AM	TTh	BATHAM	3304

HIST 17C HISTORY OF THE UNITED STATES FROM 1900 TO THE PRESENT 4 Units

Advisory: Eligibility for ENGL 1A or ESLL 26.

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

Not Repeatable.

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

20845	HIST-017C-01	LEC	10:00 AM-11:50 AM	MW	COBURN	3203
✓ 20215	HIST-017C-02W	LEC TBA		TBA	BATHAM	ONLINE

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

✓ 20216	HIST-017C-03W	LEC TBA		TBA	PIERCE	ONLINE
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HIST-017C-03W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/tga/ for information on how to begin.

✓ 20904	HIST-017C-04W	LEC TBA		TBA	BUSH	ONLINE
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HIST-017C-04W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/tga/ for information on how to begin.

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

Prerequisite: Honors Institute participant.

Advisory: Eligibility for ENGL 1A or ESLL 26; not open to students with credit in HIST 4C.

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. 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.

21124	HIST-04CH-03H	LEC	12:00 PM-03:40 PM	M	FEIG	3201
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HEALTH

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

HLTH 21 CONTEMPORARY HEALTH CONCERNS 4 Units

◆ = Middlefield Campus class

✓ = Online or Hybrid class

● = Off-Campus class

Evening classes are shaded.

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
20217 HLTH-021-.01	LEC	10:00 AM-11:50 AM MW	HOROWITZ	8402
21284 HLTH-021-.02Y	LEC	01:30 PM-04:20 PM M	TREANOR	8402
✓ 20218 HLTH-021-.04	LEC	TBA	TREANOR	ONLINE
20218 HLTH-021-.04	LEC	12:00 PM-01:50 PM TTh	HOROWITZ	3525
◆ 20910 HLTH-021-.05Y	LEC	05:30 PM-08:20 PM M	TREANOR	MC J3
✓ 20219 HLTH-021-.06W	LEC	TBA	TREANOR	ONLINE
✓ 21851 HLTH-021-.07W	LEC	TBA	TREANOR	ONLINE

HLTH 55 EMERGENCY MEDICAL RESPONSE 5 Units

Formerly: HLTH 5

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

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

Not Repeatable.

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

◆ 20468 HLTH-055-.01	LEC	12:30 PM-02:20 PM MW	HAYES	MC B4
	LAB	02:30 PM-03:45 PM MW	HAYES	MC B4
HLTH-F055-.01: American Red Cross Certificates fee of \$35 to be paid during the fourth week of the course.				
◆ 20469 HLTH-055-.02	LEC	05:30 PM-07:30 PM TTh	HAYES	MC B4
◆	LAB	07:35 PM-08:50 PM TTh	HAYES	MC B4
HLTH-055-.02: American Red Cross Certificates fee of \$35 to be paid during the fourth week of the course.				
◆ 20752 HLTH-055-.03	LEC	12:30 PM-02:20 PM TTh	HAYES	MC B4
	LAB	02:30 PM-03:45 PM TTh	HAYES	MC B4
HLTH-055-.03: American Red Cross Certificates fee of \$35 to be paid during the fourth week of the course.				

ENVIRONMENTAL HORTICULTURE & DESIGN

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

HORT 15 ORIENTATION TO ENVIRONMENTAL HORTICULTURE 4 Units

Formerly: HORT 50A

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.

Survey of the many facets and component sciences of environmental horticulture. Exploration of the multitude of career options available in the green industry. An introduction to the vocabulary of the environmental sciences including the terminology used in the identification of plants. Foundations of plant science such as plant structure, plant growth, and the environmental needs of plants. This course is intended for students in the horticulture program but members of the public and professional community are invited to enroll.

20761 HORT-015-.01	LEC	05:30 PM-07:00 PM MW	SVENSON	8609
	LAB	07:00 PM-07:45 PM MW	SVENSON	8609

HORT 21 PLANT MATERIALS I 3 Units

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
20762 HORT-021-.01	LEC	09:00 AM-10:50 AM M	SAUTER	8609
	LAB	11:00 AM-01:50 PM M	SAUTER	8609

Formerly: HORT 51A

Advisory: Completion of, or concurrent enrollment in HORT 15 strongly recommended; not open to students with credit in HORT 51A.

2 hours lecture, 3 hours laboratory. (60 total hours per quarter.)

Not Repeatable.

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 at off-site locations. This course a required course 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.

HORT 24 PLANT MATERIALS: GROUND COVERS & VINES 2 Units

Formerly: HORT 51E

Advisory: Completion of, or concurrent enrollment in HORT 15 strongly recommended; not open to students with credit in HORT 51E.

1 hour lecture, 3 hours laboratory. (48 total hours per quarter.)

Not Repeatable.

Identification, taxonomy, habits of growth, cultural and environmental requirements of woody and herbaceous ground covers and vines grown in California. Emphasis on the use and maintenance of evergreen and deciduous plants used as ground covers, vines, or espaliers in ornamental landscapes. 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.

21542 HORT-024-.01	LEC	09:30 AM-10:20 AM W	SAUTER	8609
	LAB	10:30 AM-01:20 PM W	SAUTER	8609

HORT 40 LANDSCAPE DESIGN: GRAPHIC COMMUNICATION 4 Units

Formerly: HORT 60A

Advisory: Not open to students with credit in HORT 60A.

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

Not Repeatable.

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 lettering 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.

20765 HORT-040-.01	LEC	02:30 PM-03:45 PM MW	SVENSON	8607
	LAB	03:55 PM-05:10 PM MW	SVENSON	8607
20766 HORT-040-.02	LEC	08:45 AM-10:00 AM TTh	SVENSON	8607
	LAB	10:10 AM-11:25 AM TTh	SVENSON	8607

HORT 45 LANDSCAPE DESIGN: COMPUTER APPLICATIONS 3 Units

Formerly: HORT 60E

Advisory: HORT 40 and a basic understanding of the operation of computers is strongly recommended; not open to students with credit in HORT 60E.

2 hours lecture, 3 hours laboratory. (60 total hours per quarter.)

Not Repeatable.

Introduction to the use of computer applications in landscape design. Overview of software for computer aided design and drafting (CADD), and related landscape graphic oriented software. Focus on development of basic command skills utilized in landscape design software applications, including 2D drawing, editing, creation of layers, exporting to other programs and as a pdf for printing. Vectorworks software is utilized in this course. This course is an elective for Horticulture certificates and degrees, and is intended for students in the horticulture program but members of the public and professional community are invited to enroll.

20767 HORT-045-.01	LEC	06:30 PM-07:20 PM TTh	SAUTER	8401
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◆ = Middlefield Campus class

✓ = Online or Hybrid class

● = Off-Campus class

Evening classes are shaded.

Course Number CRN	Title Course ID	Units Activity	Time Days	Instructor	Location
	LAB 07:30 PM-08:45 PM	TTh		SAUTER	8401

Course Number CRN	Title Course ID	Units Activity	Time Days	Instructor	Location
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HORT 52E HORTICULTURAL PRACTICES: GREENHOUSE & NURSERY MANAGEMENT 3 Units

Advisory: Completion of, or concurrent enrollment in HORT 15 strongly recommended.

2 hours lecture, 3 hours laboratory. (60 total hours per quarter.)

Not Repeatable.

Commercial greenhouse and nursery management practices as related to the production and sale of plants in California. Emphasis on greenhouse and container nursery operations. Class will focus on organization, management, and production practices used in large and small-scale commercial plant production. Design of facilities and use of technology will be emphasized through use of on-campus facilities and observation of off-site operations. This course is an elective for Horticulture certificates and degrees, and is intended for students in the horticulture program but members of the public and professional community are invited to enroll.

21543	HORT-052E-01	LEC	09:00 AM-10:50 AM	F	SAUTER	8609
		LAB	11:00 AM-01:50 PM	F	SAUTER	8609

HORT 54A LANDSCAPE CONSTRUCTION: GENERAL PRACTICES 4 Units

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

Not Repeatable.

General practices of construction as applied to landscape projects. Basic tools and equipment, building materials and hardware, and installation techniques utilized in landscape construction. Focus is on hardscape applications including paving, walls, decks, and related wood structures. Review of safety practices, careers in landscape construction, and contractor licensing. This course is intended for students in the horticulture program but members of the public and professional community are invited to enroll.

20220	HORT-054A-01	LEC	03:40 PM-04:55 PM	TTh	SVENSON	8607
		LAB	05:05 PM-06:20 PM	TTh	SVENSON	8607

HORT 80A ENVIRONMENTAL HORTICULTURE FALL SKILLS 2 Units

Formerly: HORT 80

Advisory: Not open to students with credit in HORT 80.

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

Not Repeatable.

Course provides skills development and internship opportunities in Environmental Horticulture for the Fall season. This is an extension of classroom instruction covering topics such as mulching, irrigation winterization, late season landscape construction practices, and protection for frost sensitive plantings. This course offers students the opportunity through a combination of practical field experience, independent research, student internship, and industry related educational opportunities, to explore problems and required skills in the green industry. This course is intended for students in the horticulture program but members of the public and professional community are invited to enroll.

21544	HORT-080A-01	L-L	11:30 AM-03:20 PM	T	SAUTER	8607
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HORT 90E HORTICULTURAL & LANDSCAPE PHOTOGRAPHY 1 Unit

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

Not Repeatable.

Introduction to basic photographic equipment and techniques utilized in photographing landscapes and horticulturally related elements. Emphasis on assisting green industry professionals in photographing ornamental plants, landscape construction or business-related projects, and landscape designs. This course is intended for students in the horticulture program but members of the public and professional community are invited to enroll.

21547	HORT-090E-01	LEC	09:00 AM-01:15 PM	S	LEE	8607
		LAB	01:25 PM-04:20 PM	S	LEE	8607

HORT-090E-01: Class meets two Saturdays 9/28 & 10/5.

HORT 90U LANDSCAPE DESIGN: PERSPECTIVE SKETCHING 1 Unit

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

Not Repeatable.

Basic perspective sketching for landscape design presentations. Setup and rendering of one-point and two-point perspectives, including location of horizon lines and vanishing points, height determination, positioning of objects, and rendering techniques for plants, people, structures, and hardscape. Emphasis is on creating one point, quick sketch perspectives for presentation to clients. This course is an elective for Horticulture certificates and degrees, and is intended for students in the horticulture program but members of the public and professional community are welcome invited to enroll.

21546	HORT-090U-01	LEC	12:00 PM-02:05 PM	Th	SAUTER	8607
		LAB	02:15 PM-03:30 PM	Th	SAUTER	8607

HORT090U01: Class meets 4 weeks starting Thursday, Oct. 24th.

HORT 90Z ORNAMENTAL GRASSES 1 Unit

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

Not Repeatable.

Identification, taxonomy, habits of growth, cultural and environmental requirements of ornamental grasses grown in California. Emphasis on the use and maintenance of these monocots. Plants are observed in lab, on campus, and at off-site locations. This course is an elective for Horticulture certificates and degrees, and is intended for students in the horticulture program but members of the public and professional community are invited to enroll.

21548	HORT-090Z-01	LEC	12:00 PM-02:05 PM	Th	NICCOLI	8609
		LAB	02:15 PM-03:30 PM	Th	NICCOLI	8609

HORT-090Z-01: Class meets 4 weeks starting the first week of classes.

HORT 91A COMPOSTING THEORY & TECHNIQUES 1 Unit

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

Not Repeatable.

Comprehensive introduction to the theory and practices utilized in composting of organic materials. Course provides a combination of classroom lectures, demonstrations, and lab activities geared to providing a clear understanding of various composting techniques including sustainable waste management practices, recycling of organics, backyard composting, and vermicomposting. The course is intended for students in the horticulture program but members of the public and professional community are invited to enroll.

21549	HORT-091A-01	LEC	09:00 AM-01:15 PM	S	STAFF	8609
		LAB	01:25 PM-04:20 PM	S	STAFF	8609

HORT-091A-01: Class meets two Saturdays, 10/12 & 10/19.

HUMANITIES

Language Arts (650) 949-7556 www.foothill.edu/la/

HUMN 1A HUMANITIES & THE MODERN EXPERIENCE I 4 Units

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

Not Repeatable.

An interdisciplinary survey of some of the cultural aspects of major civilizations from the Mesopotamians to the Italian Renaissance, and their influence on modern experiences. Illustrations of the cultural diversity which makes up modern life. Attendance at instructor approved lectures, performing arts events, and/or cultural exhibitions.

20222	HUMN-001A-01	LEC	10:00 AM-11:50 AM	MW	CAMMIN	1501
		LEC	10:00 AM-11:50 AM	MW	CAMMIN	1501

HUMN 1B HUMANITIES & THE MODERN EXPERIENCE II 4 Units

Advisory: ENGL 1A or ESLL 26 strongly recommended.

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

Not Repeatable.

An interdisciplinary survey of the some of the cultural aspects of major civilizations from the Italian Renaissance to the present day, and their influence upon modern experiences. Illustrations of the cultural diversity which makes up modern life. Attendance at instructor

◆ = Middlefield Campus class

✓ = Online or Hybrid class

● = Off-Campus class

Evening classes are shaded.

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
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approved lectures, performing arts events, and/or cultural exhibitions.

✓ 20685 HUMN-001B-01W LEC TBA TBA CAMMIN ONLINE
 HUMN-001B-01W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/iga/ for information on how to begin.

HUMN 54H HONORS INSTITUTE SEMINAR IN HUMANITIES 1 Unit

Formerly: HUMN 34H

Prerequisite: Honors Institute participant.

Advisory: Not open to students with credit in HUMN 34 or 34H.

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

Not Repeatable.

A seminar in directed readings, discussions, and projects in humanities. Specific topics to be determined by the instructor.

21603 HUMN-054H-01H LEC 10:00 AM-10:50 AM F CAMMIN 3403
 ENGL-054H.01H: Honors students only. Call the Honors Institute at (650) 949-7638.

JAPANESE

Language Arts (650) 949-7043 www.foothill.edu/la/

JAPN 1 ELEMENTARY JAPANESE I 5 Units

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

Not Repeatable.

Oral and written practice in the minimum competencies in language functions: vocabulary essential to basic communicative situations, grammar necessary for carrying out functions, signals for carrying out communicative tasks, and cultural skills in specific situations. Introduction to Hiragana, Katakana and about 80 Kanji.

20223 JAPN-001-.01	LEC	08:00 AM-09:50 AM TTh	RAKOW	6301
	LEC	09:00 AM-09:50 AM F	RAKOW	6301
20224 JAPN-001-.02	LEC	10:00 AM-11:50 AM MW	RAKOW	6302
	LEC	10:00 AM-10:50 AM F	RAKOW	6302
20225 JAPN-001-.03	LEC	12:00 PM-01:25 PM TThF	GOTOH	6303
✓ 20746 JAPN-001-.04	LEC	06:00 PM-08:15 PM MW	SATO	MC D5

JAPN 2 ELEMENTARY JAPANESE II 5 Units

Prerequisite: JAPN 1 or one year of high school Japanese.

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

Not Repeatable.

Further development of material presented in JAPN 1. Oral and written practice in competencies in language functions: vocabulary essential to daily communicative situations, grammar necessary for carrying out functions, signals for carrying out communicative tasks, and cultural skills in specific situations. Distinguishing formal and informal styles. Additional 120 Kanji pronunciation and recognition.

20515 JAPN-002-.01	LEC	10:00 AM-11:50 AM TTh	GOTOH	6506
	LEC	11:00 AM-11:50 AM F	GOTOH	6506

JAPN 4 INTERMEDIATE JAPANESE I 5 Units

Prerequisite: JAPN 3 or three years of high school Japanese.

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

Not Repeatable.

Continuation of JAPN 3. Review of grammar and discussion of grammatical features beyond the elementary level. Introduction to intermediate-level grammar and communicative tasks. Intensive oral and written drills, including additional 110 Kanji, in idiomatic constructions. Composition, conversation and selected readings.

20226 JAPN-004-.01	LEC	08:00 AM-09:50 AM MW	RAKOW	6303
	LEC	08:00 AM-08:50 AM F	RAKOW	6303

JAPN 13A INTERMEDIATE CONVERSATION I 4 Units

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
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Prerequisite: JAPN 3.

Advisory: May be taken concurrently with JAPN 4.

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

Not Repeatable.

Speaking and listening experience in culturally appropriate ways. Special emphasis on correct perception and speaking, and familiarity with oral idioms and grammar as they differ from more formal written and literary uses. 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, formal and informal conversations. Understanding ambiguities, vagaries, and value inherent in the target language.

20748 JAPN-013A-01Q LEC 01:30 PM-03:20 PM TTh IIDA 6305

JAPN 13B INTERMEDIATE CONVERSATION II 4 Units

Prerequisite: JAPN 13A.

Advisory: May be taken concurrently with JAPN 5.

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

Not Repeatable.

Continuation of JAPN 13A. Speaking and listening experience in an environment of increasingly challenging language situation in culturally appropriate ways. Special emphasis on rapidity of correct perception and speaking, acquaintance with a variety of native dialects, and familiarity with oral idioms and grammar as they differ from more formal written and literary uses. 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, and debates. Stating and supporting opinions on various topics. Understanding ambiguities, vagaries, and value inherent in the target language.

20749 JAPN-013B-01Q LEC 01:30 PM-03:20 PM TTh IIDA 6305

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.

20750 JAPN-014A-01Q LEC 01:30 PM-03:20 PM TTh IIDA 6305

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.

20751 JAPN-014B-01Q LEC 01:30 PM-03:20 PM TTh IIDA 6305

JAPN 192 COMMUNITY SERVICE LEARNING FOR JAPANESE 1 Unit

Prerequisite: JAPN 6 or equivalent.

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

Not Repeatable.

For students who desire training in experiential learning as community volunteers in

◆ = Middlefield Campus class

✓ = Online or Hybrid class

● = Off-Campus class

Evening classes are shaded.

Course Number CRN	Course ID	Title Activity	Units Time	Days	Instructor	Location
Japanese language courses offered at Foothill College. The students enrolled in this course will assist the instructor as in-class Japanese language tutors.						
20227	JAPN-192.-01	LEC	10:00 AM-10:50 AM	T	RAKOW	6601

Course Number CRN	Course ID	Title Activity	Units Time	Days	Instructor	Location
✓21411	KINS-008A-01W	LEC	TBA	TBA	SHEWFELT	ONLINE

KINESIOLOGY

Kinesiology & Athletics 650-949-7742

KINS 1 INTRODUCTION TO KINESIOLOGY 4 Units

Formerly: PHED 1

Advisory: Not open to students with credit in PHED 1.

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

Not Repeatable.

Introduction to the interdisciplinary approach to the study of human movement. An overview of the importance of the sub-disciplines in kinesiology will be discussed along with career opportunities in the areas of teaching, coaching, allied health, and fitness professions.

✓21539 KINS-001.-01W LEC TBA TBA RIPP ONLINE

KINS 2 SPORT IN SOCIETY 4 Units

Formerly: PHED 2

Advisory: Not open to students with credit in H P 1B or PHED 2.

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

Not Repeatable.

This course looks at current and past sports related cultural and historical issues and practices to study the role of sport in society.

✓21795 KINS-002.-01W LEC TBA TBA RIPP ONLINE

KINS 3 THEORIES & TECHNIQUES OF COACHING SPORTS 4 Units

Formerly: PHED 3

Advisory: Not open to students with credit in H P 37 or PHED 3.

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

Not Repeatable.

Instruction in the theories and techniques of coaching sport and its variables which contribute to team performance and success. This course addresses developing a coaching philosophy, sport psychology, sport pedagogy, sport physiology and sport management.

✓21541 KINS-003.-01W LEC TBA TBA RIPP ONLINE

KINS 4 CONCEPTS OF PHYSICAL FITNESS & WELLNESS 4 Units

Formerly: PHED 4

Advisory: Not open to students with credit in PHED 4.

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

Not Repeatable.

Study of physical fitness, training principles, nutrition and body composition, stress management, appropriate exercise and health practices with application to lifelong fitness and wellness habits.

✓21409 KINS-004.-01W LEC TBA TBA SHEWFELT ONLINE

✓21410 KINS-004.-02W LEC TBA TBA LANG ONLINE

✓21524 KINS-004.-03W LEC TBA TBA SHEWFELT ONLINE

KINS 8A THEORY & CONCEPTS OF EXERCISE PHYSIOLOGY I 4 Units

Formerly: PHED 8

Advisory: Not open to students with credit in PHED 8.

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

Not Repeatable.

Basic concepts and principles of exercise physiology and how the human body responds

to the demands of physical activity. Emphasis on anatomy and physiology of human organ systems, neural and hormonal control, energy expenditure, fatigue, and principles of exercise training.

✓21411 KINS-008A-01W LEC TBA TBA SHEWFELT ONLINE

KINS 8B THEORY & CONCEPTS OF EXERCISE PHYSIOLOGY II 4 Units

Prerequisite: KINS 8A.

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

Not Repeatable.

Applied concepts and principles of exercise physiology and how the human body responds to the demands of physical activity. Emphasis on the impact of environmental influences, optimizing performance in sport, body composition and nutrition, age and sex considerations, and the implications of physical activity for health and fitness.

✓21545 KINS-008B-01W LEC TBA TBA SHEWFELT ONLINE

KINS 9 BASIC NUTRITION FOR SPORTS & FITNESS 4 Units

Formerly: PHED 9

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

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

Not Repeatable.

Practical applications of basic nutrition concepts and how food choices affect health and fitness. Includes computer utilization of personal dietary analysis and evaluation. Standard food guides and guidelines to select foods that would maximize individual health are utilized in this course.

✓21540 KINS-009.-01W LEC TBA TBA GATLIN ONLINE

KINS 16A PREVENTION OF ATHLETIC INJURIES 3 Units

Formerly: PHED 16A, 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, PHED 16A or 67A.

2 hours lecture, 3 hour laboratory. (60 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.

21407 KINS-016A-01Y LEC 10:00 AM-10:50 AM TTh LANG 2831

LAB 11:00 AM-11:50 AM TTh LANG 2831

✓ LAB TBA TBA LANG ONLINE

KINS 62A CLINICAL EXPERIENCES IN SPORTS MEDICINE I 3 Units

Formerly: PHED 62A

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

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

Not Repeatable.

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

✓21457 KINS-062A-01 LAB TBA TBA VOYCE 2834

KINS 62B CLINICAL EXPERIENCES IN SPORTS MEDICINE II 3 Units

Formerly: PHED 62B

Prerequisites: KINS 62A.

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

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

Not Repeatable.

Hands-on experience in athletic emergency care, athletic injury prevention, therapeutic treatment, and rehabilitation of athletic injuries in the on-campus Athletic Treatment

◆ = Middlefield Campus class

✓ = Online or Hybrid class

● = Off-Campus class

Evening classes are shaded.

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
21458 KINS-062B-01	LAB TBA	TBA	VOYCE	2834
KINS 62C	CLINICAL EXPERIENCES IN SPORTS MEDICINE III	3 Units		
<i>Formerly: PHED 62C</i>				
Prerequisites: KINS 62B.				
Advisory: Not open to students with credit in H P 52B or PHED 62C.				
9 hours laboratory. (108 total hours per quarter.)				
Not Repeatable.				
Hands-on experience in emergency care, injury prevention, treatment and rehabilitation of athletic injuries in the on-campus Athletic Treatment Center. Off-campus athletic training facilities and outpatient physical therapy clinics may also be utilized for the internship. Observation of orthopedic surgical procedures with the permission of the team physician is available.				
21460 KINS-062C-01	LAB TBA	TBA	VOYCE	2834
KINS 62D	CLINICAL EXPERIENCES IN SPORTS MEDICINE IV	3 Units		
<i>Formerly: PHED 62D</i>				
Prerequisites: KINS 62C.				
Advisory: Not open to students with credit in PHED 62D.				
9 hours laboratory. (108 total hours per quarter.)				
Not Repeatable.				
Hands-on experience in emergency care, injury prevention, treatment and rehabilitation of athletic injuries in the on-campus Athletic Treatment Center. Off-campus athletic training facilities and outpatient physical therapy clinics may be utilized for the internship. Observation of orthopedic surgical procedures with the permission of the team physician is available.				
21461 KINS-062D-01	LAB TBA	TBA	VOYCE	2834
KINS 62E	CLINICAL EXPERIENCES IN SPORTS MEDICINE V	3 Units		
<i>Formerly: PHED 62E</i>				
Prerequisites: KINS 62D.				
Advisory: Not open to students with credit in PHED 62E.				
9 hours laboratory. (108 total hours per quarter.)				
Not Repeatable.				
Advanced experience in athletic emergency care, athletic injury prevention, therapeutic treatment, and rehabilitation of athletic injuries. Observation of orthopedic surgeries, assisting in physical therapy clinics or other related allied health settings complement the on-campus Athletic Treatment Center.				
21462 KINS-062E-01	LAB TBA	TBA	VOYCE	2834
KINS 65B	PNF: INTRODUCTION TO THE LOWER EXTREMITY	3 Units		
<i>Formerly: PHED 65B</i>				
Advisory: Not open to students with credit in H P 52G or PHED 65B.				
2 hours lecture, 3 hours laboratory. (60 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.				
21408 KINS-065B-01Y	LEC 08:00 AM-08:50 AM TTh LAB 09:00 AM-09:50 AM TTh	TTh	LANG	2831
✓	LAB TBA	TBA	LANG	ONLINE

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

Language Arts (650) 949-7250 www.foothill.edu/la/

L A 111A PASS THE TORCH TEAM LEADER TRAINING I 1 Unit

Prerequisites: An earned "A" or "B+" grade with instructor recommendation in one of the following courses: ESLL 25, 26; ENGL 1S and 1T; ENGL 1A, 1AH, 1B, 1BH, 1C or 1CH.

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

Not Repeatable.

Training in team leading skills necessary for assisting a member in the Pass the Torch Program, including study skills, college policies, professionalism, ethics, and role modeling of successful student behavior. Techniques of subject-specific tutoring skills. Practice of these skills through sample student work and, when applicable, content-specific suggestions from the member's instructor. Intended for students matched in a Pass the Torch English or ESLL Study team for the first time.

21272 L A -111A-01	LEC 12:00 PM-12:50 PM W	MENENDEZ	6505
21273 L A -111A-02	LEC 01:40 PM-02:30 PM Th	MENENDEZ	6505
21274 L A -111A-03	LEC 09:00 AM-09:50 AM F	MENENDEZ	6409

L A 111B PASS THE TORCH TEAM LEADER TRAINING II 1 Unit

Prerequisites: Successful completion of LA 111A, and an earned "A" or "B+" grade with instructor recommendation in one of the following courses: ESLL 25, 26; ENGL 1S and 1T; ENGL 1A, 1AH, 1B, 1BH, 1C or 1CH.

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

Not Repeatable.

Advanced training in team leading skills necessary for assisting a member in the Pass the Torch Program. Students will be asked to engage in advanced reflections on tutoring and advanced level critique of one's own and other tutoring processes. Techniques of subject specific tutoring skills with attention given to diverse learning styles. Practice of these skills through sample student work and instructor assignments and, when applicable, content-specific suggestions from the member's instructor. Intended for students matched in a Pass the Torch study team for the second time.

21282 L A -111B-01Q	LEC 12:00 PM-12:50 PM W	MENENDEZ	6505
21283 L A -111B-02Q	LEC 01:00 PM-01:50 PM W	MENENDEZ	6505
21275 L A -111B-03Q	LEC 09:00 AM-09:50 AM F	MENENDEZ	6409

LIBRARY SCIENCE

Language Arts (650) 949-7608 www.foothill.edu/ol/

LIBR 10 RESEARCH PAPER SEARCH STRATEGIES 1 Unit

Formerly: LIBR 71

Advisory: Familiarity with Macs or PCs; not open to students with credit in LIBR 71.

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

Not Repeatable.

Intended for students writing a research paper in another class. Strategies and methods to identify a research topic and then find and evaluate information in various formats to meet the identified information needed. Consideration of the ethical and legal uses of information. Interdisciplinary application of concepts, often covering multicultural topics.

✓ 21682 LIBR-010-01W	LEC TBA	TBA	THOMAS	TBA
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MATHEMATICS

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

MATH 1A, 10, 11, 44, 49, 51, 105, 220, 224, 230, 230J, 234: If you have not taken the prerequisite(s) at Foothill College, you will not be allowed to register without an equivalency

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
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form from the counseling office or a waiver from the division office.

MATH 1A CALCULUS 5 Units

Prerequisite: Satisfactory score on the mathematics placement test or MATH 48C.

Advisory: Eligibility for ENGL 1A or ESLL 26.

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

Not Repeatable.

Introduction to differential calculus, including limits, derivatives and their applications to curve-sketching, families of functions, and optimization.

20228 MATH-001A-01	LEC	08:00 AM-09:50 AM MW	STAFF	4301
	LEC	08:00 AM-08:50 AM F	STAFF	4301

MATH-001A-01: TI-83/83-plus or TI-84/84-plus Graphing Calculator required. Additional costs for online materials or content in place of or in addition to a textbook may be required.

20229 MATH-001A-02	LEC	08:00 AM-09:50 AM TTh	GRAY	5501
	LEC	09:00 AM-09:50 AM F	GRAY	5501

MATH-001A-02: TI-83/83-plus or TI-84/84-plus Graphing Calculator required. Additional costs for online materials or content in place of or in addition to a textbook may be required.

20230 MATH-001A-03	LEC	10:00 AM-11:50 AM MW	SILVERMAN	4201
	LEC	10:00 AM-10:50 AM F	SILVERMAN	4201

MATH-001A-03: TI-83/83-plus or TI-84/84-plus Graphing Calculator required. Additional costs for online materials or content in place of or in addition to a textbook may be required.

20231 MATH-001A-04	LEC	10:00 AM-11:50 AM TTh	GEORGIOU	4606
	LEC	11:00 AM-11:50 AM F	GEORGIOU	4606

MATH-001A-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.

20232 MATH-001A-06	LEC	01:30 PM-03:45 PM MW	STAFF	4221
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MATH-001A-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.

20233 MATH-001A-07	LEC	01:30 PM-03:45 PM TTh	STAFF	4221
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MATH-001A-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.

20556 MATH-001A-08	LEC	06:00 PM-08:15 PM TTh	HEDRICK	4221
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MATH-001A-08: 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.

20928 MATH-001A-09	LEC	06:00 PM-08:15 PM MW	STAFF	4221
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MATH-001A-09: 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.

21586 MATH-001A-10	LEC	08:00 AM-09:50 AM MW	SILVERMAN	4601
	LEC	08:00 AM-08:50 AM F	SILVERMAN	4601

MATH-001A-10: 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.

21588 MATH-001A-11	LEC	08:00 AM-09:50 AM TTh	CEMBELLIN	4601
	LEC	09:00 AM-09:50 AM F	CEMBELLIN	4601

21600 MATH-001A-12	LEC	10:00 AM-11:50 AM TTh	MUNOZ	4601
	LEC	11:00 AM-11:50 AM F	MUNOZ	4601

21601 MATH-001A-13	LEC	12:00 PM-01:25 PM TThF	CEMBELLIN	4601
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MATH 1B CALCULUS 5 Units

Prerequisite: MATH 1A.

Advisory: Eligibility for ENGL 1A or ESLL 26.

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

Not Repeatable.

Introduction to integral calculus including definite and indefinite integrals, the first and second Fundamental Theorems and their applications to geometry, physics, and the solution of elementary differential equations.

21607 MATH-001B-01	LEC	08:00 AM-09:50 AM TTh	ZWACK	4602
	LEC	09:00 AM-09:50 AM F	ZWACK	4602

MATH-001B-01: TI-83/83-plus or TI-84/84-plus Graphing Calculator required. Additional costs for online materials or content in place of or in addition to a textbook may be required.

20557 MATH-001B-02	LEC	08:00 AM-09:50 AM TTh	SINCLAIR	4301
	LEC	09:00 AM-09:50 AM F	SINCLAIR	4301

MATH-001B-02: TI-83/83-plus or TI-84/84-plus Graphing Calculator required. Additional costs for online materials or content in place of or in addition to a textbook may be required.

20234 MATH-001B-03	LEC	10:00 AM-11:50 AM MW	NOBEL	4221
	LEC	10:00 AM-10:50 AM F	NOBEL	4221

MATH-001B-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.

20235 MATH-001B-04	LEC	10:00 AM-11:50 AM TTh	STANLEY	4501
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Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
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	LEC	11:00 AM-11:50 AM F	STANLEY	4501
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MATH-001B-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.

20236 MATH-001B-05	LEC	01:30 PM-03:45 PM MW	NOBEL	4606
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MATH-001B-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.

20968 MATH-001B-08	LEC	06:00 PM-08:15 PM MW	STAFF	4220
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MATH 1C CALCULUS 5 Units

Prerequisite: MATH 1B.

Advisory: Eligibility for ENGL 1A or ESLL 26.

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

Not Repeatable.

Introduction to functions of more than one variable, including vectors, partial differentiation, the gradient, contour diagrams and optimization. Additional topics include infinite series, convergence and Taylor series.

20929 MATH-001C-01	LEC	08:00 AM-09:50 AM TTh	LEE	5502
	LEC	09:00 AM-09:50 AM F	LEE	5502

MATH-001C-01: TI-83/83-plus or TI-84/84-plus Graphing Calculator required. Additional costs for online materials or content in place of or in addition to a textbook may be required.

20237 MATH-001C-02	LEC	10:00 AM-11:50 AM MW	FRANCISCO	5502
	LEC	10:00 AM-10:50 AM F	FRANCISCO	5502

MATH-001C-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.

20238 MATH-001C-03	LEC	10:00 AM-11:50 AM TTh	FRANCISCO	5501
	LEC	11:00 AM-11:50 AM F	FRANCISCO	5501

MATH-001C-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.

20558 MATH-001C-04	LEC	06:00 PM-08:15 PM TTh	STAFF	4220
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MATH-001C-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.

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.

20606 MATH-001D-01	LEC	10:00 AM-11:50 AM MW	PARK LEE	5501
	LEC	10:00 AM-10:50 AM F	PARK LEE	5501

MATH-001D-01: TI-83/83-plus or TI-84/84-plus Graphing Calculator required. Additional costs for online materials or content in place of or in addition to a textbook may be required.

20559 MATH-001D-02	LEC	01:30 PM-03:45 PM MW	PARK LEE	4601
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MATH-001D-02: TI-83/83-plus or TI-84/84-plus Graphing Calculator required. Additional costs for online materials or content in place of or in addition to a textbook may be required.

MATH 2A DIFFERENTIAL EQUATIONS 5 Units

Prerequisite: MATH 1C.

Advisory: Eligibility for ENGL 1A or ESLL 26; not open to students with credit in MATH 12A.

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

Not Repeatable.

Differential equations and selected topics of mathematical analysis.

20932 MATH-002A-01	LEC	10:00 AM-11:50 AM TTh	WILLIAMS	4602
	LEC	11:00 AM-11:50 AM F	WILLIAMS	4602

MATH-002A-01: TI-83/83-plus or TI-84/84-plus Graphing Calculator required. Additional costs for online materials or content in place of or in addition to a textbook may be required.

20560 MATH-002A-02	LEC	06:00 PM-08:15 PM TTh	STAFF	4606
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MATH-002A-02: TI-83/83-plus or TI-84/84-plus Graphing Calculator required. Additional costs for online materials or content in place of or in addition to a textbook may be required.

MATH 2B LINEAR ALGEBRA 5 Units

Prerequisite: MATH 1C.

Advisory: Eligibility for ENGL 1A or ESLL 26.

◆ = Middlefield Campus class

✓ = Online or Hybrid class

● = Off-Campus class

Evening classes are shaded.

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
5 hours lecture. (60 total hours per quarter.) Not Repeatable.				
A first course in Linear Algebra, including systems of linear equations, matrices, linear transformations, determinants, abstract vector spaces and subspaces, eigenvalues and eigenvectors, inner product spaces and orthogonality, and selected applications of these topics.				
20936 MATH-002B-01	LEC	08:00 AM-09:50 AM MW	PARK LEE	5501
	LEC	08:00 AM-08:50 AM F	PARK LEE	5501
MATH-002B-01: TI-83/83-plus or TI-84/84-plus Graphing Calculator required. Additional costs for online materials or content in place of or in addition to a textbook may be required.				
20561 MATH-002B-02	LEC	06:00 PM-08:15 PM MW	STAFF	4201
MATH-002B-02: TI-83 or TI-83 plus Graphing Calculator required. Additional costs for online materials or content in place of or in addition to a textbook may be required.				
MATH 10 ELEMENTARY STATISTICS			5 Units	
Prerequisite: Satisfactory score on the mathematics placement test or MATH 105 or 108.				
Advisory: Eligibility for ENGL 1A or ESLL 26.				
5 hours lecture. (60 total hours per quarter.) Not Repeatable.				
An introduction to modern methods of descriptive statistics, including collection and presentation of data; measures of central tendency and dispersion; probability; sampling 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.				
20239 MATH-010.-01	LEC	08:00 AM-09:50 AM MW	MUDGE	4310
	LEC	08:00 AM-08:50 AM F	MUDGE	4310
MATH-010.-01: TI-83/83-plus or TI-84/84-plus Graphing Calculator required. Some sections may use online content in place of, or in addition to a textbook. Please contact the instructor for details. Additional costs for online materials or content in place of or in addition to a textbook may be required.				
20240 MATH-010.-02	LEC	08:00 AM-09:50 AM TTh	STAFF	4606
	LEC	09:00 AM-09:50 AM F	STAFF	4606
MATH-010.-02: TI-83/83-plus or TI-84/84-plus Graphing Calculator required. Some sections may use online content in place of, or in addition to a textbook. Please contact the instructor for details. Additional costs for online materials or content in place of or in addition to a textbook may be required.				
20241 MATH-010.-03	LEC	08:00 AM-09:50 AM TTh	STAFF	4220
	LEC	09:00 AM-09:50 AM F	STAFF	4220
MATH-010.-03: TI-83/83-plus or TI-84/84-plus Graphing Calculator required. Some sections may use online content in place of, or in addition to a textbook. Please contact the instructor for details. Additional costs for online materials or content in place of or in addition to a textbook may be required.				
20242 MATH-010.-04	LEC	10:00 AM-11:50 AM MW	STAFF	4502
	LEC	10:00 AM-10:50 AM F	STAFF	4502
MATH-010.-04: TI-83/83-plus or TI-84/84-plus Graphing Calculator required. Some sections may use online content in place of, or in addition to a textbook. Please contact the instructor for details. Additional costs for online materials or content in place of or in addition to a textbook may be required.				
20243 MATH-010.-05	LEC	10:00 AM-11:50 AM MW	STAFF	4310
	LEC	10:00 AM-10:50 AM F	STAFF	4310
MATH-010.-05: TI-83/83-plus or TI-84/84-plus Graphing Calculator required. Some sections may use online content in place of, or in addition to a textbook. Please contact the instructor for details. Additional costs for online materials or content in place of or in addition to a textbook may be required.				
20244 MATH-010.-06	LEC	10:00 AM-11:50 AM TTh	STAFF	4310
	LEC	11:00 AM-11:50 AM F	STAFF	4310
MATH-010.-06: TI-83/83-plus or TI-84/84-plus Graphing Calculator required. Some sections may use online content in place of, or in addition to a textbook. Please contact the instructor for details. Additional costs for online materials or content in place of or in addition to a textbook may be required.				
20245 MATH-010.-07	LEC	10:00 AM-11:50 AM TTh	STAFF	4301
	LEC	11:00 AM-11:50 AM F	STAFF	4301
MATH-010.-07: TI-83/83-plus or TI-84/84-plus Graphing Calculator required. Some sections may use online content in place of, or in addition to a textbook. Please contact the instructor for details. Additional costs for online materials or content in place of or in addition to a textbook may be required.				
20246 MATH-010.-08	LEC	12:00 PM-01:25 PM TThF	FRANCISCO	4220
MATH-010.-08: TI-83/83-plus or TI-84/84-plus Graphing Calculator required. Some sections may use online content in place of, or in addition to a textbook. Please contact the instructor for details. Additional costs for online materials or content in place of or in addition to a textbook may be required.				
20948 MATH-010.-09	LEC	01:30 PM-03:45 PM MW	GEORGIU	4203
MATH-010.-09: TI-83/83-plus or TI-84/84-plus Graphing Calculator required. Some sections may use online content in place of, or in addition to a textbook. Please contact the instructor for details. Additional costs for online materials or content in place of or in addition to a textbook may be required.				
20247 MATH-010.-10	LEC	01:30 PM-03:45 PM TTh	MORRISS	4220

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
MATH-010.-10: TI-83/83-plus or TI-84/84-plus Graphing Calculator required. Some sections may use online content in place of, or in addition to a textbook. Please contact the instructor for details. Additional costs for online materials or content in place of or in addition to a textbook may be required.				
20613 MATH-010.-11	LEC	06:00 PM-08:15 PM MW	STAFF	4310
MATH-010.-11: Offered partially via the internet. Instructions will be given in-person on the first day of classes. Students must be able to access the internet and are required to have a TI-83/83-plus or TI-84/84-plus Graphing Calculator. Additional costs for online materials or content in place of or in addition to a textbook may be required.				
20949 MATH-010.-12Y	LEC	06:00 PM-08:15 PM Th	STAFF	4605
	LEC	TBA	STAFF	ONLINE
20950 MATH-010.-13Y	LEC	06:00 PM-08:15 PM T	STAFF	4605
	LEC	TBA	STAFF	ONLINE
20630 MATH-010.-14W	LEC	TBA	MARTINEZ	ONLINE
MATH-010.-14W: Offered via the internet. After registering, you MUST refer to course descriptions at www.foothill.edu/fga/ for information on how to begin. TI-83 or TI-83 plus Graphing Calculator required. Additional costs for online materials or content in place of or in addition to a textbook may be required.				
20951 MATH-010.-15W	LEC	TBA	STAFF	ONLINE
MATH-010.-15W: Offered via the internet. After registering, you MUST refer to "Course Descriptions" at www.foothill.edu/fga/ for information on how to begin. TI-83 or TI-83 plus Graphing Calculator required.				
Additional costs for online materials or content in place of or in addition to a textbook may be required.				
20952 MATH-010.-16W	LEC	TBA	GEORGIU	ONLINE
MATH-010.-16W: Offered via the internet. After registering, you MUST refer to "Course Descriptions" at www.foothill.edu/fga/ for information on how to begin. TI-83 or TI-83 plus Graphing Calculator required.				
21656 MATH-010.-17	LEC	03:00 PM-05:20 PM TTh	STAFF	4601
MATH 11 FINITE MATHEMATICS			5 Units	
Prerequisite: Satisfactory score on the placement test or MATH 105 or 108.				
Advisory: Eligibility for ENGL 1A or ESLL 26.				
5 hours lecture. (60 total hours per quarter.) Not Repeatable.				
Set theory, basic combinatorial analysis, introduction to probability, linear equations and inequalities, introduction to linear programming and the simplex method, introduction to matrix algebra with applications, Markov chains, game theory and mathematics of finance.				
20248 MATH-011.-01	LEC	10:00 AM-11:50 AM MW	SAWKA	4301
	LEC	10:00 AM-10:50 AM F	TBA	4301
MATH-011.-01: TI-83/83-plus or TI-84/84-plus Graphing Calculator required. Additional costs for online materials or content in place of or in addition to a textbook may be required.				
MATH 12 CALCULUS FOR BUSINESS & ECONOMICS			5 Units	
Prerequisite: MATH 48A.				
Advisory: Eligibility for ENGL 1A or ESLL 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.				
21117 MATH-012.-01	LEC	01:30 PM-03:45 PM MW	STAFF	4602
MATH-012.-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.				
21659 MATH-012.-02	LEC	06:00 PM-08:15 PM TTh	STAFF	4601
MATH 22 DISCRETE MATHEMATICS			5 Units	
Prerequisite: C S 1A; satisfactory score on the mathematics placement test or MATH 48C.				
Advisory: Eligibility for ENGL 1A or ESLL 26; not open to students with credit in CIS 18 or C S 18.				
5 hours lecture. (60 total hours per quarter.) Not Repeatable.				
Discrete mathematics: set theory, logic, Boolean algebra, methods of proof, mathematical induction, number theory, discrete probability, combinatorics, functions, relations, recursion, algorithm efficiencies, graphs, trees.				
20969 MATH-022.-01	LEC	01:30 PM-03:45 PM MW	MORRISS	4603
MATH-022.-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.				

Unless otherwise noted, summer sessions run Sept. 23–Dec. 13. 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 June 21. Be aware that course listing and footnote information may have changed. For the most accurate, current course listings, always access the online class schedule.

◆ = Middlefield Campus class

✓ = Online or Hybrid class

● = Off-Campus class

Evening classes are shaded.

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
MATH 48A	PRECALCULUS I	5 Units		
Prerequisite: Satisfactory score on the mathematics placement test or MATH 105 or 108.				
Advisory: Eligibility for ENGL 1A or ESLL 26; UC credit for MATH 48A, B & C is limited to a maximum of 7.5 units for the combination or any portion of the series completed.				
5 hours lecture. (60 total hours per quarter.)				
Not Repeatable.				
Introduction to families of functions including quadratics, polynomials, power and root functions, transformations of these functions, and their use in solving applications problems.				
20618 MATH-048A-01	LEC 08:00 AM-09:50 AM MW	ZWACK	4220	
	LEC 08:00 AM-08:50 AM F	ZWACK	4220	
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.				
20619 MATH-048A-02	LEC 10:00 AM-11:50 AM MW	STAFF	4601	
	LEC 10:00 AM-10:50 AM F	STAFF	4601	
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.				
20620 MATH-048A-03	LEC 10:00 AM-11:50 AM TTh	SAWKA	4603	
	LEC 11:00 AM-11:50 AM F	SAWKA	4603	
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.				
20621 MATH-048A-04	LEC 12:00 PM-01:25 PM TThF	STAFF	4603	
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.				
20622 MATH-048A-05	LEC 01:30 PM-03:45 PM MW	STAFF	4310	
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.				
20717 MATH-048A-06	LEC 03:00 PM-05:15 PM MW	STAFF	4301	
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.				
20953 MATH-048A-07	LEC 06:00 PM-08:15 PM MW	STAFF	4606	

MATH 48B	PRECALCULUS II	5 Units		
Prerequisite: MATH 48A.				
Advisory: Eligibility for ENGL 1A or ESLL 26; UC credit for MATH 48A, B & C is limited to a maximum of 7.5 units for the combination or any portion of the series completed.				
5 hours lecture. (60 total hours per quarter.)				
Not Repeatable.				
This course is a continuation of topics from MATH 48A. Topics include rational, root, exponential and logarithmic functions, introduction to trigonometry and the six trigonometric functions, and the trigonometry of right triangles.				
20954 MATH-048B-01	LEC 08:00 AM-09:50 AM MW	CEMBELLIN	4602	
	LEC 08:00 AM-08:50 AM F	CEMBELLIN	4602	
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.				
20955 MATH-048B-02	LEC 08:00 AM-09:50 AM TTh	STAFF	4603	
	LEC 09:00 AM-09:50 AM F	STAFF	4603	
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.				
20956 MATH-048B-03	LEC 10:00 AM-11:50 AM MW	LEE	4603	
	LEC 10:00 AM-10:50 AM F	LEE	4603	
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.				
20957 MATH-048B-04	LEC 10:00 AM-11:50 AM TTh	STAFF	4604	
	LEC 11:00 AM-11:50 AM F	STAFF	4604	
MATH-048B-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.				
20972 MATH-048B-05	LEC 08:00 AM-09:50 AM MW	UILECAN	4201	
	LEC 08:00 AM-08:50 AM F	UILECAN	4201	
MATH-048B-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.				
20973 MATH-048B-06	LEC 06:00 PM-08:15 PM TTh	STAFF	4604	

MATH 48C	PRECALCULUS III	5 Units		
Prerequisite: MATH 48B.				
Advisory: Eligibility for ENGL 1A or ESLL 26; UC credit for MATH 48A, B & C is				

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
limited to a maximum of 7.5 units for the combination or any portion of the series completed.				
5 hours lecture. (60 total hours per quarter.)				
Not Repeatable.				
This course is a continuation of topics from MATH 48B. Topics include the six trigonometric functions, trigonometric identities, inverse trigonometric functions, trigonometric equations, oblique triangles, vectors, parametric equations, and modeling data with various functions.				
20958 MATH-048C-01	LEC 08:00 AM-09:50 AM MW	SINCLAIR	4603	
	LEC 08:00 AM-08:50 AM F	SINCLAIR	4603	
MATH-048C-01: TI-83/83-plus or TI-84/84-plus Graphing Calculator required. Additional costs for online materials or content in place of or in addition to a textbook may be required.				
20959 MATH-048C-02	LEC 08:00 AM-09:50 AM TTh	STAFF	4604	
	LEC 09:00 AM-09:50 AM F	STAFF	4604	
MATH-048C-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.				
20960 MATH-048C-03	LEC 10:00 AM-11:50 AM MW	STANLEY	4602	
	LEC 10:00 AM-10:50 AM F	STANLEY	4602	
MATH-048C-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.				
20961 MATH-048C-04	LEC 10:00 AM-11:50 AM TTh	KNOBEL	4220	
	LEC 11:00 AM-11:50 AM F	KNOBEL	4220	
MATH-048C-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.				
21196 MATH-048C-05	LEC 01:30 PM-03:45 PM MW	SINCLAIR	4605	
MATH-048C-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.				
21666 MATH-048C-06	LEC 03:00 PM-05:15 PM MW	STAFF	5501	
21667 MATH-048C-07	LEC 06:00 PM-08:15 PM MW	STAFF	4602	
21669 MATH-048C-08	LEC 06:00 PM-08:15 PM TTh	STAFF	4602	

MATH 105	INTERMEDIATE ALGEBRA	5 Units		
Prerequisite: Satisfactory score on the mathematics placement test or MATH 220 or 224.				
Advisory: Not open to students with credit in MATH 108.				
5 hours lecture. (60 total hours per quarter.)				
Not Repeatable.				
Quadratic, polynomial, rational, radical, exponential and logarithmic functions and expressions with an emphasis on graphing and applications.				
20249 MATH-105-.01	LEC 08:00 AM-09:50 AM MW	PERINO	4221	
	LEC 08:00 AM-08:50 AM F	PERINO	4221	
MATH-105-.01: TI-83/83-plus or TI-84/84-plus Graphing Calculator required. Additional costs for online materials or content in place of or in addition to a textbook may be required.				
20250 MATH-105-.02	LEC 08:00 AM-09:50 AM TTh	SAWKA	4605	
	LEC 09:00 AM-09:50 AM F	SAWKA	4605	
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.				
20251 MATH-105-.03	LEC 10:00 AM-11:50 AM MW	ZWACK	4220	
	LEC 10:00 AM-10:50 AM F	ZWACK	4220	
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.				
20252 MATH-105-.04	LEC 10:00 AM-11:50 AM MW	GRAY	4203	
	LEC 10:00 AM-10:50 AM F	GRAY	4203	
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.				
20253 MATH-105-.05	LEC 10:00 AM-11:50 AM TTh	STAFF	5502	
	LEC 11:00 AM-11:50 AM F	STAFF	5502	
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.				
20254 MATH-105-.06	LEC 12:00 PM-01:25 PM TThF	MORRISS	4201	
MATH-105-.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.				
20255 MATH-105-.07	LEC 01:30 PM-03:45 PM MW	MARTINEZ	4502	
MATH-105-.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.				
20256 MATH-105-.08	LEC 01:30 PM-03:45 PM MW	STAFF	4220	
MATH-105-.08: 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.				
20562 MATH-105-.09	LEC 01:30 PM-03:45 PM TTh	STAFF	4310	
MATH-105-.09: 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.				

◆ = Middlefield Campus class

✓ = Online or Hybrid class

● = Off-Campus class

Evening classes are shaded.

Course Number CRN	Title Course ID	Units Activity	Time Days	Instructor	Location
20962	MATH-105.-10	LEC	01:30 PM-03:45 PM TTh	STAFF	4602
MATH-105.-10: 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.					
✓20257	MATH-105.-11W	TBA TBA	TBA	STAFF	ONLINE
MATH-105.-11W: When taught online lectures, handouts, and assignments are delivered via e-mail and/or the World Wide Web; the final exam must be taken in person at the Foothill College Los Altos campus or at another approved facility administered by a proctor deemed acceptable by the course instructor. Prior to the start date of the course, students will be contacted via email with instructions on how to enter the course website. In addition to a textbook/e-book, a TI-83 or TI-84 graphing calculator is required in this course. Additional costs for online materials or content in place of or in addition to a textbook may be required.					
✓20624	MATH-105.-12W	LEC TBA	TBA	STAFF	ONLINE
MATH-105.-12W: When taught online lectures, handouts, and assignments are delivered via e-mail and/or the World Wide Web; the final exam must be taken in person at the Foothill College Los Altos campus or at another approved facility administered by a proctor deemed acceptable by the course instructor. Prior to the start date of the course, students will be contacted via email with instructions on how to enter the course website. In addition to a textbook/e-book, a TI-83 or TI-84 graphing calculator is required in this course. Additional costs for online materials or content in place of or in addition to a textbook may be required.					
✓20963	MATH-105.-13W	TBA TBA	TBA	STAFF	ONLINE
MATH-105.-13W: When taught online lectures, handouts, and assignments are delivered via e-mail and/or the World Wide Web; the final exam must be taken in person at the Foothill College Los Altos campus or at another approved facility administered by a proctor deemed acceptable by the course instructor. Prior to the start date of the course, students will be contacted via email with instructions on how to enter the course website. In addition to a textbook/e-book, a TI-83 or TI-84 graphing calculator is required in this course. Additional costs for online materials or content in place of or in addition to a textbook may be required.					
21671	MATH-105.-14	LEC	06:00 PM-08:15 PM MW	STAFF	4603

Course Number CRN	Title Course ID	Units Activity	Time Days	Instructor	Location
MATH 220	ELEMENTARY ALGEBRA				5 Units
Prerequisites: Satisfactory score on the mathematics placement test; MATH 230, 230J & 234.					
Advisory: Not open to students with credit in MATH 101 or 224.					
5 hours lecture. (60 total hours per quarter.)					
Not Repeatable.					
Includes linear equations inequalities in one variable, graphs of linear and quadratic functions, solving linear systems, integer exponents, operations on polynomials, factoring, and proportional reasoning.					
20258	MATH-220.-01	LEC	08:00 AM-09:50 AM MW	STAFF	4203
		LEC	08:00 AM-08:50 AM F	STAFF	4203
MATH-220.-01: Additional costs for online materials or content in place of or in addition to a textbook may be required.					
20259	MATH-220.-02	LEC	08:00 AM-09:50 AM TTh	STAFF	4203
		LAB	09:00 AM-09:50 AM F	STAFF	4203
MATH-220.-02: Additional costs for online materials or content in place of or in addition to a textbook may be required.					
20260	MATH-220.-03	LEC	10:00 AM-11:50 AM MW	STAFF	4605
		LEC	10:00 AM-10:50 AM F	STAFF	4605
MATH-220.-03: Additional costs for online materials or content in place of or in addition to a textbook may be required.					
20261	MATH-220.-04	LEC	10:00 AM-11:50 AM MW	STAFF	4606
		LEC	10:00 AM-10:50 AM F	STAFF	4606
MATH-220.-04: Additional costs for online materials or content in place of or in addition to a textbook may be required.					
20262	MATH-220.-05	LEC	10:00 AM-11:50 AM TTh	STAFF	4203
		LEC	11:00 AM-11:50 AM F	STAFF	4203
MATH-220.-05: Additional costs for online materials or content in place of or in addition to a textbook may be required.					
21257	MATH-220.-06	LEC	12:00 PM-01:25 PM TThF	STAFF	4203
MATH-220.-06: Additional costs for online materials or content in place of or in addition to a textbook may be required.					
21281	MATH-220.-07	LEC	01:30 PM-03:45 PM MW	STAFF	4008
MATH-220.-07: Additional costs for online materials or content in place of or in addition to a textbook may be required.					
21683	MATH-220.-08	LEC	01:30 PM-03:45 PM TTh	STAFF	4203
MATH-220.-08: Students are required to co-enroll in MATH-221 of the same section.					
21684	MATH-220.-09	LEC	01:30 PM-03:45 PM TTh	STAFF	5502
MATH-220.-09: Additional costs for online materials or content in place of or in addition to a textbook may be required.					
21685	MATH-220.-10	LEC	03:00 PM-05:20 PM MW	STAFF	4201

MATH 108 ACCELERATED ALGEBRA 10 Units

Prerequisites: Satisfactory score on the mathematics placement test, or successful completion of MATH 230, 230J & 234.

Advisory: Not open to students with credit in MATH 105.

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.

20964 MATH-108.-01 LEC 01:30 PM-03:45 PM MTWTh WILLIAMS 8401

MATH 217 INTEGRATED STATISTICS I 10 Units

Prerequisites: Satisfactory score on the mathematics placement test; MATH 230, 230J or 234.

Advisory: Eligibility for ENGL 1A 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 with majors that require no mathematics beyond freshman-level statistics.

21672 MATH-217.-01 LEC 08:00 AM-09:50 AM MTWThF MUNOZ 4502

MATH-217.-01: Online version of textbook will be located at www.mystatway.org. Instructions on how to log in will be given during the first week of class. Online content will be used in place of, or in addition to a textbook. Students will be expected to access online work through campus labs several hours per week. Additional costs for printing, calculator and online materials may be required.

20629 MATH-217.-02 LEC 01:30 PM-03:45 PM MTWTh MUDGE 4302

MATH-217.-02: Online version of textbook will be located at www.mystatway.org. Instructions on how to log in will be given during the first week of class. Online content will be used in place of, or in addition to a textbook. Students will be expected to access online work through campus labs several hours per week. Additional costs for printing, calculator and online materials may be required.

21680 MATH-217.-03 LEC 06:00 PM-08:15 PM MTWTh MUDGE 4301

MATH-217.-03: Online version of textbook will be located at www.mystatway.org. Instructions on how to log in will be given during the first week of class. Online content will be used in place of, or in addition to a textbook. Students will be expected to access online work through campus labs several hours per week. Additional costs for printing, calculator and online materials may be required.

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, or 234.

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.

20263 MATH-230.-01 LEC 10:00 AM-10:50 AM MTWThF LAM 4223

LAB 11:00 AM-11:50 AM MTWThF LAM 4223

MATH-230.-01: Additional costs for online materials or content in place of or in addition to a textbook may be required.

20264 MATH-230.-02 LEC 10:00 AM-10:50 AM MTWThF STAFF 4308

LAB 11:00 AM-11:50 AM MTWThF STAFF 4308

MATH-230.-02: Additional costs for online materials or content in place of or in addition to a textbook may be required.

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

◆ = Middlefield Campus class

✓ = Online or Hybrid class

● = Off-Campus class

Evening classes are shaded.

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
20265 MATH-235-.01	LEC 10:00 AM-10:50 AM LAB 11:00 AM-11:50 AM	MTWThF MTWThF	LAM LAM	4223 4223
<i>MATH-235-.01: MATH-235-.01 has 4 instructors in the program. During the quarter, students enrolled in MATH-235-.01 will receive instruction from any of these instructors. Students who enrolled in MATH-235-.01 will attend class everyday, Monday - Friday from 10-11:50AM. Additional costs for online materials or content in place of or in addition to a textbook may be required.</i>				
21118 MATH-235-.02	LEC 10:00 AM-10:50 AM LAB 11:00 AM-11:50 AM	MTWThF MTWThF	STAFF STAFF	4202 4202
<i>MATH-235-.02: MATH-235-.01 has 4 instructors in the program. During the quarter, students enrolled in MATH-235-.01 will receive instruction from any of these instructors. Students who enrolled in MATH-235-.01 will attend class everyday, Monday - Friday from 10-11:50AM. Additional costs for online materials or content in place of or in addition to a textbook may be required.</i>				
21119 MATH-235-.03	LEC 10:00 AM-10:50 AM LAB 11:00 AM-11:50 AM	MTWThF MTWThF	STAFF STAFF	4305 4305
<i>MATH-235-.03: MATH-235-.01 has 4 instructors in the program. During the quarter, students enrolled in MATH-235-.01 will receive instruction from any of these instructors. Students who enrolled in MATH-235-.01 will attend class everyday, Monday - Friday from 10-11:50AM. Additional costs for online materials or content in place of or in addition to a textbook may be required.</i>				
21120 MATH-235-.04	LEC 10:00 AM-10:50 AM LAB 10:50 AM-11:50 AM	MTWThF MTWThF	STAFF STAFF	4306 4306
<i>MATH-235-.04: MATH-235-.01 has 4 instructors in the program. During the quarter, students enrolled in MATH-235-.01 will receive instruction from any of these instructors. Students who enrolled in MATH-235-.01 will attend class everyday, Monday - Friday from 10-11:50AM. Additional costs for online materials or content in place of or in addition to a textbook may be required.</i>				

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
Fine Arts & Communication		(650) 949-7333	www.foothill.edu/music/	

MUSIC

MUS 1 INTRODUCTION TO MUSIC 4 Units

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

A study of Western music and its place in civilization. Selected listening and readings from the masterpieces of music of Europe and the Western Hemisphere with an emphasis on methods of comprehension, listening techniques, the elements of music, primary musical forms, and a wide range of concert repertoire. Includes a study of how social, political, philosophical, and other artistic developments outside of music influenced compositional thinking and how these were integrated into the different periods of Western musical history. A variety of media consisting of slides, videos, recordings, and lecture will be used. Live performance used when possible.

20268 MUS -001-.01Y	LEC 10:00 AM-11:50 AM LAB TBA	MW TBA	DAVIES DAVIES	1401 ONLINE
<i>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.</i>				
20269 MUS -001-.02W	LEC TBA LAB TBA	TBA TBA	DAVIES DAVIES	ONLINE ONLINE
<i>MUS -001-.02W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/tga/ for information on how to begin. Course meets UC/CSU Arts & Humanities transfer requirements (IGETC) and CSU Area General Ed Requirements. Also meets Foothill's Humanities requirement for General Education for the AS/AA degree.</i>				
21250 MUS -001-.03W	LEC TBA LAB TBA	TBA TBA	DAVIES DAVIES	ONLINE ONLINE
<i>MUS -001-.03W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/tga/ for information on how to begin. Course meets UC/CSU Arts & Humanities transfer requirements (IGETC) and CSU Area General Ed Requirements. Also meets Foothill's Humanities requirement for General Education for the AS/AA degree.</i>				

MEDIA STUDIES

Fine Arts & Communication (650) 949-7262

MDIA 11 INTRODUCTION TO POPULAR CULTURE 4 Units

Advisory: Not open to students with credit in F A 1.
4 hours lecture, 1 hour laboratory. (60 total hours per quarter.)
Not Repeatable.

Overview of history and critical analysis of popular culture as a window for understanding American society. Theories and methods of analyzing artifacts of popular culture. Overarching themes: 1) history/social theories of popular culture; 2) popular culture as a product of American multiculturalism; 3) the relationship between a commodity culture and intellect/artistry; 4) philosophical/ethical issues surrounding popular culture.

20789 MDIA-011-.01Y	LEC 10:00 AM-11:50 AM LAB TBA	MW TBA	HARTWELL HARTWELL	4002 ONLINE
<i>MDIA-011-.01Y: Hybrid class. 1 weekly TBA hour via online instruction. Cross-listed with F A 1.</i>				
20795 MDIA-011-.02W	LEC TBA LAB TBA	TBA TBA	HARTWELL HARTWELL	ONLINE ONLINE
<i>MDIA-011-.02W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/tga/ for information on how to begin. Cross-listed with F A 1.</i>				
20796 MDIA-011-.03W	LEC TBA LAB TBA	TBA TBA	THORNTON THORNTON	ONLINE ONLINE
<i>MDIA-011-.03W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/tga/ for information on how to begin. Cross-listed with F A 1.</i>				
20797 MDIA-011-.04W	LEC TBA LAB TBA	TBA TBA	THORNTON THORNTON	ONLINE ONLINE
<i>MDIA-011-.04W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/tga/ for information on how to begin. Cross-listed with F A 1.</i>				

Units

20266 MSC1-011-.01	LEC TBA LAB TBA	TBA TBA	STAFF STAFF	SCU SCU
20267 MSC1-021-.01	LEC TBA LAB TBA	TBA W	STAFF STAFF	SCU SCU

MUS 2A GREAT COMPOSERS & MUSIC MASTERPIECES 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.

20270 MUS -002A-01Y	LEC 12:00 PM-01:50 PM LAB TBA	MW TBA	HARTWELL HARTWELL	1401 ONLINE
<i>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.</i>				
20271 MUS -002A-02W	LEC TBA LAB TBA	TBA TBA	BARKLEY BARKLEY	ONLINE ONLINE
<i>MUS -002A-02W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/tga/ for information on how to begin. Course meets UC/CSU Arts & Humanities transfer requirements (IGETC) and CSU Area General Ed Requirements. Also meets Foothill's Humanities requirement for General Education for the AS/AA degree.</i>				

MUS 2D WORLD MUSIC: ROOTS TO CONTEMPORARY GLOBAL FUSION 4 Units

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

A survey of world music styles from their roots in the ethnic traditions of a specific culture through their evolution into new forms that retain vitality and relevance in contemporary society. Traces the elements that make each style distinctive from a purely musical perspective as well as the social, historical, and cultural context that shaped each style's

◆ = Middlefield Campus class

✓ = Online or Hybrid class

● = Off-Campus class

Evening classes are shaded.

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
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development. Styles include salsa, reggae, ska, Celtic, Fado, klezmer, South African Township, High Life, sou kous, Bollywood (filmi), Chutney, Cajun, zydeco, and Hawaiian Slack Key Guitar. This course is required for music majors but is also designed for students who have no background in music but are interested in world music.

✓ 20554 MUS -002D-01W	LEC TBA LAB TBA	TBA TBA	BARKLEY BARKLEY	ONLINE ONLINE
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MUS -002D-01W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin. Course meets UC/CSU Arts & Humanities transfer requirements (IGETC) and CSU Area General Ed Requirements.

MUS 2F HISTORY OF AMERICAN MUSICAL THEATRE 4 Units

Advisory: Not open to student with credit in THTR 2F.
4 hours lecture, 1 hour laboratory. (60 total hours per quarter.)
Not Repeatable.

An introductory survey of the history of the American musical theatre genre. Includes roots in British music halls, Viennese operetta and African American jazz through the golden age of the musical and up to the contemporary Broadway stage. Emphasis will be placed on genres and styles, as well as the key composers, lyricists, librettists, directors, producers, designers, choreographers and performers. Examines how the musical mirrors contemporary social and political events.

✓ 21550 MUS -002F-01W	LEC TBA LAB TBA	TBA TBA	CAREY CAREY	ONLINE ONLINE
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MUS 3A BEGINNING MUSIC THEORY, LITERATURE & COMPOSITION 5 Units

Advisory: MUS 12A strongly recommended.
4 hours lecture, 2 hours lecture-laboratory. (72 total hours per quarter.)
Not Repeatable.

Introduction to the fundamentals of music and their application to composition and music literature. Notation, scales, intervals, triads, and their use in basic composition. Includes a study of how social, political, philosophical, and other artistic developments outside of music influenced compositional thinking and how these were integrated into the Baroque period of Western musical theory.

20272 MUS -003A-01	LEC 10:00 AM-11:50 AM L-L 12:00 PM-12:50 PM	TTh TTh	DAVIES DAVIES	1402 1402
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MUS -003A-01: Course meets UC/CSU Arts & Humanities transfer requirements (IGETC) and CSU Area General Ed Requirements.

✓ 20273 MUS -003A-02W	LEC TBA LAB TBA	TBA TBA	CRATTY CRATTY	ONLINE ONLINE
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MUS -003A-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.

MUS 7 CONTEMPORARY MUSICAL STYLES: ROCK, POP & JAZZ 4 Units

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

Contemporary Musical Styles is a research and listening based survey course that begins with the roots in blues and continues with jazz, popular songs, and rock music of today. It is a social history of rock and roll that examines music before and after World War II, from the migration of the blues in the United States, to the social changes of the civil rights era of the 60s, to current times. The course will compare the historical and cultural context of popular lyrics in reference to contemporary, traditional, and folk styles by studying prominent musicians, genres, and songs associated with current musical idioms and social media.

✓ 20274 MUS -007-01Y	LEC 10:00 AM-11:50 AM LAB TBA	TTh TBA	STEVENSON STEVENSON	1220 ONLINE
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MUS -007-01Y: 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.

MUS 7D CONTEMPORARY MUSICAL STYLES: THE BEATLES IN THE CULTURE OF POPULAR MUSIC 4 Units

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
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4 hours lecture, 1 hour laboratory. (60 total hours per quarter.)
Not Repeatable.

Continuation of jazz, popular, and rock music with a focus on the Beatles. Includes prominent albums and songs associated with the band's evolution and stature, and their synthesis of a wide variety of popular and non popular musical styles. Identifies the significant effects that Hindu religious beliefs, social and cultural diversity, and the language arts had on their music. Analyzes the sociological impact the Beatles' statements had on non-musical matters, such as politics, drugs, religion, etc. Examines the influences of pop music on the Beatles' early style as well as the group's own influence on music and pop culture in general. A variety of media consisting of videos, recordings, lecture, and live performance will be used.

✓ 20798 MUS -007D-01W	LEC TBA LAB TBA	TBA TBA	DAVIES DAVIES	ONLINE ONLINE
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MUS -007D-01W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin. Course meets UC/CSU 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 8 MUSIC OF MULTICULTURAL AMERICA 4 Units

Advisory: Not open to students with credit in MUS 8H.
4 hours lecture, 1 hour laboratory. (60 total hours per quarter.)
Not Repeatable.

A comparative and integrative study of the multicultural musical styles of the United States, this class explores the musics of Native Americans, European Americans, African Americans, Chicano/Latino Americans, and Asian Americans from their historical roots to the present. It includes a wide variety of musical styles such as Folk, Spirituals, Gospel, Soul, Blues, Jazz, Cajun, Zydeco, Salsa, Tejano, Hip-Hop and Rap. Students will look at these musical traditions from a technical and a cultural perspective as they develop listening and descriptive skills.

20275 MUS -008-.01Y	LEC 12:00 PM-01:50 PM LAB TBA	TTh TBA	BARKLEY BARKLEY	1401 ONLINE
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✓ 20276 MUS -008-.02Y	LEC 10:00 AM-11:50 AM LAB TBA	TTh TBA	HARTWELL HARTWELL	1401 ONLINE
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✓ 20277 MUS -008-.03W	LEC TBA LAB TBA	TBA TBA	BARKLEY CAREY	ONLINE ONLINE
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MUS -008-.03W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin. This course is taught by an instructional team led by Dr. Elizabeth Barkley. Meets UC Berkeley American Cultures requirement and Foothill College general education graduation requirement in United States Cultures and Communities.

✓ 20278 MUS -008-.04W	LEC TBA LAB TBA	TBA TBA	BARKLEY BARKLEY	ONLINE ONLINE
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MUS -008-.04W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin. This course is taught by an instructional team led by Dr. Elizabeth Barkley. Meets UC Berkeley American Cultures requirement and Foothill College general education graduation requirement in United States Cultures and Communities.

✓ 20279 MUS -008-.05W	LEC TBA LAB TBA	TBA TBA	BARKLEY BARKLEY	ONLINE ONLINE
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MUS -008-.05W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin. This course is taught by an instructional team led by Dr. Elizabeth Barkley. Meets UC Berkeley American Cultures requirement and Foothill College general education graduation requirement in United States Cultures and Communities.

✓ 20280 MUS -008-.06W	LEC TBA LAB TBA	TBA TBA	BARKLEY CAREY	ONLINE ONLINE
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MUS -008-.06W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin. This course is taught by an instructional team led by Dr. Elizabeth Barkley. Meets UC Berkeley American Cultures requirement and Foothill College general education graduation requirement in United States Cultures and Communities.

✓ 20281 MUS -008-.07W	LEC TBA LAB TBA	TBA TBA	BARKLEY CAREY	ONLINE ONLINE
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MUS -008-.07W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin. This course is taught by an instructional team led by Dr. Elizabeth Barkley. Meets UC Berkeley American Cultures requirement and Foothill College general education graduation requirement in United States Cultures and Communities.

MUS 8H HONORS MUSIC OF MULTICULTURAL AMERICA 4 Units

Prerequisite: Honors Institute participant.
Advisory: Not open to students with credit in MUS 8.
4 hours lecture, 1 hour laboratory. (60 total hours per quarter.)

◆ = Middlefield Campus class

✓ = Online or Hybrid class

● = Off-Campus class

Evening classes are shaded.

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

A comparative and integrative study of the multicultural musical styles of the United States, this class explores the musics of Native Americans, European Americans, African Americans, Chicano/Latino Americans, and Asian Americans from their historical roots to the present. It includes a wide variety of musical styles such as Folk, Spirituals, Gospel, Soul, Blues, Jazz, Cajun, Zydeco, Salsa, Tejano, Hip-Hop and Rap. Students will look at these musical traditions from a technical and a cultural perspective as they develop listening and descriptive skills. The honors course offers an enriched and challenging experience for the more talented student, including deeper content, more rigorous grading, and more demanding and creative assignments requiring application of higher-level thinking, writing, and communication skills.

✓ 20282	MUS -008H-01H	LEC LAB	12:00 PM-01:50 PM	TTh	BARKLEY BARKLEY	1401 ONLINE
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MUS -008H-01H: Hybrid class. 1 weekly TBA hour via online instruction. This course is taught by an instructional team led by Dr. Elizabeth Barkley. Meets UC Berkeley American Cultures requirement and Foothill College general education graduation requirement in United States Cultures and Communities.

MUS 9A MUSIC & MEDIA: EDISON TO HENDRIX 4 Units

Formerly: MUS 85A

Advisory: Not open to students with credit in MUS 85 or 85A.
4 hours lecture, 1 hour laboratory. (60 total hours per quarter.)

Not Repeatable.

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.

✓ 20899	MUS -009A-01W	LEC LAB	TBA	TBA	WELLER WELLER	ONLINE ONLINE
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MUS -009A-01W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/tga/ for information on how to begin.

MUS 9B MUSIC & MEDIA: HENDRIX TO HIP-HOP 4 Units

Formerly: MUS 85B

Advisory: Not open to students with credit in MUS 85B.
4 hours lecture, 1 hour laboratory. (60 total hours per quarter.)

Not Repeatable.

Introductory study of the history and development of popular music from 1964 through the present in the U.S. The class will examine the development of media delivery systems after The Beatles' first appearances on television through the growth of rock and alternative styles. Styles and artist to be studied are such as punk, ska, the rebirth of country music and the rise of hip hop culture, examining artists such as Jimi Hendrix, Pink Floyd, David Bowie, Frank Zappa, Prince, The Police, Chuck D. and others. The class will study the development and growth of music videos as an art form and the delivery/promotional systems developed for them such as MTV.

✓ 20980	MUS -009B-01W	LEC LAB	TBA	TBA	KUEHNL KUEHNL	ONLINE ONLINE
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MUS -009B-01W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/tga/ for information on how to begin.

MUS 10 MUSIC FUNDAMENTALS 4 Units

4 hours lecture, 1 hour laboratory. (60 total hours per quarter.)

Not Repeatable.

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

✓ 20283	MUS -010-01Y	LEC LAB	08:00 AM-09:50 AM	TTh	STEVENSON STEVENSON	1402 ONLINE
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MUS -010-01Y: 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.

✓ 20284	MUS -010-02W	LEC	TBA	TBA	SULT	ONLINE
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Course Number CRN	Course ID	Title Activity	Units Time	Days	Instructor	Location
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✓	MUS -010-02W	LEC LAB	TBA	TBA	SULT	ONLINE
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MUS -010-02W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/tga/ for information on how to begin. Course meets UC/CSU Arts & Humanities transfer requirements (IGETC) and CSU Area General Ed Requirements.

✓ 21251	MUS -010-03W	LEC LAB	TBA	TBA	CRATTY CRATTY	ONLINE ONLINE
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MUS -010-03W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/tga/ for information on how to begin. Course meets UC/CSU Arts & Humanities transfer requirements (IGETC) and CSU Area General Ed Requirements.

MUS 11A JAZZ & SWING 4 Units

Formerly: MUS 64A

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

4 hours lecture, 1 hour laboratory. (60 total hours per quarter.)

Not Repeatable.

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

✓ 20514	MUS -011A-01W	LEC LAB	TBA	TBA	WELLER WELLER	ONLINE ONLINE
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MUS -011A-01W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/tga/ for information on how to begin.

MUS 11B FUNK, FUSION & HIP-HOP 4 Units

Formerly: MUS 64B

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

4 hours lecture, 1 hour laboratory. (60 total hours per quarter.)

Not Repeatable.

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

✓ 20594	MUS -011B-01W	LEC LAB	TBA	TBA	ANDERSON ANDERSON	ONLINE ONLINE
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MUS -011B-01W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/tga/ for information on how to begin.

MUS 12A BEGINNING CLASS PIANO 2 Units

Advisory: Concurrent enrollment in MUS 10; this course is included in the Piano Class Applied Performance Family of activity courses.

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

Not Repeatable.

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

20285	MUS -012A-01	LEC LAB	10:00 AM-10:50 AM 12:00 PM-12:50 PM	AM MW M	RAY RAY	1402 1402
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20286	MUS -012A-02	LEC LAB	06:00 PM-07:50 PM 05:00 PM-05:50 PM	W W W	LIN LIN	1402 1402
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20287	MUS -012A-03	LEC LAB	10:00 AM-11:50 AM 12:00 PM-12:50 PM	AM S S	LIN LIN	1402 1402
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MUS 12B INTERMEDIATE CLASS PIANO 2 Units

Advisory: MUS 12A or equivalent skills; this course is included in the Piano Class Applied Performance Family of activity courses.

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

◆ = Middlefield Campus class

✓ = Online or Hybrid class

● = Off-Campus class

Evening classes are shaded.

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
20288 MUS -012B-03Q	LEC 10:00 AM-11:50 AM S LAB 12:00 PM-12:50 PM S		LIN LIN	1402 1402

MUS 12C ADVANCED CLASS PIANO 2 Units

Advisory: MUS 12B or equivalent skills; this course is included in the Piano Class Applied Performance Family of activity courses.

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

Not Repeatable.

Continuation of MUS 12B with greater emphasis on building a repertoire, varied styles of performance, and ensemble playing.

20289 MUS -012C-03Q	LEC 10:00 AM-11:50 AM S LAB 12:00 PM-12:50 PM S		LIN LIN	1402 1402
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MUS 14A BEGINNING CLASSICAL GUITAR 2 Units

Advisory: This course is included in the Guitar Class Applied Performance Family of activity courses.

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.

20290 MUS -014A-01	LEC 06:30 PM-08:20 PM Th LAB 08:25 PM-09:20 PM Th		ZUSSMAN ZUSSMAN	1101 1101
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MUS 14B INTERMEDIATE CLASSICAL GUITAR 2 Units

Advisory: MUS 14A; This course is included in the Guitar Class Applied Performance Family of activity courses.

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.

20291 MUS -014B-01Q	LEC 06:30 PM-08:20 PM Th LAB 08:25 PM-09:20 PM Th		ZUSSMAN ZUSSMAN	1101 1101
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MUS 14C ADVANCED CLASSICAL GUITAR 2 Units

Advisory: MUS 14B; this course is included in the Guitar Class Applied Performance Family of activity courses.

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.

20292 MUS -014C-01Q	LEC 06:30 PM-08:20 PM Th LAB 08:25 PM-09:20 PM Th		ZUSSMAN ZUSSMAN	1101 1101
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MUS 15A BEGINNING ACOUSTIC GUITAR TECHNIQUES 2 Units

Advisory: This course is included in the Guitar Class Applied Performance Family of activity courses.

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

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
20906 MUS -015A-02	LEC 06:00 PM-07:50 PM W LAB 08:00 PM-08:50 PM W		SULT SULT	MC B6 MC B6

MUS 15B INTERMEDIATE ACOUSTIC GUITAR TECHNIQUES 2 Units

Prerequisite: MUS 15A or equivalent.

Advisory: This course is included in the Guitar Class Applied Performance Family of activity courses.

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.

20907 MUS -015B-02Q	LEC 06:00 PM-07:50 PM W LAB 08:00 PM-08:50 PM W		SULT SULT	MC B6 MC B6
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MUS 15C ADVANCED ACOUSTIC GUITAR TECHNIQUES 2 Units

Prerequisite: MUS 15B or equivalent.

Advisory: This course is included in the Guitar Class Applied Performance Family of activity courses.

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

Not Repeatable.

Instruction 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.

20908 MUS -015C-02Q	LEC 06:00 PM-07:50 PM W LAB 08:00 PM-08:50 PM W		SULT SULT	MC B6 MC B6
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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.

20293 MUS -050A-01W	LEC TBA LAB TBA	TBA TBA	GOLDFARB GOLDFARB	ONLINE ONLINE
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MUS -050A-01W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.

MUS 50B ENTERTAINMENT LAW & NEW MEDIA 4 Units

4 hours lecture, 1 hour laboratory. (60 total hours per quarter.)

Not Repeatable.

In-depth study and discussion of entertainment law as it applies to the emerging new media market and the music industry. Internet sales and distribution for new media, file sharing, licensing for the web, and digital copyright considerations. Promotional packages, web site development, delivery systems, career promotion strategies, contracts and touring. In-depth analysis of contracts and regulations/potential of starting an independent media production company, record label, or online retail site. Sampling licenses/international copyright law and publishing.

21527 MUS -050B-01W	LEC TBA	TBA	GOLDFARB	ONLINE
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◆ = Middlefield Campus class

✓ = Online or Hybrid class

● = Off-Campus class

Evening classes are shaded.

Course Number CRN	Course ID	Title Activity	Units Time	Days	Instructor	Location
✓		LAB TBA		TBA	GOLDFARB	ONLINE
<i>MUS -050B-01W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/tga/ for information on how to begin.</i>						

MUS 51 BASICS OF MUSIC PUBLISHING 3.5 Units

Formerly: MUS 18, MUS 59

Advisory: Not open to students with credit in MUS 18 or 59.

2 hour lecture, 1 hour lecture-laboratory, 3 hours laboratory. (72 total hours per quarter.)

Not Repeatable.

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.

✓	20900	MUS -051-01W	LEC TBA		TBA	BRUNO	ONLINE
✓			LAB TBA		TBA	BRUNO	ONLINE
✓			LAB TBA		TBA	BRUNO	ONLINE

MUS -051-01W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/tga/ for information on how to begin.

✓	20901	MUS -051-02Y	LEC 07:00 PM-08:50 PM	W		BRUNO	1401
			LAB 09:00 PM-09:50 PM	W		BRUNO	1401
✓			LAB TBA		TBA	BRUNO	ONLINE

MUS -051-02Y: Hybrid class. 3 weekly TBA hours via online instruction.

MUS 58A SONGWRITER'S WORKSHOP 3.5 Units

2 hours lecture, 1 hour lecture-laboratory, 3 hours laboratory. (72 total hours per quarter.)

Not Repeatable.

Workshop course for beginning songwriters that focuses on basic songwriting styles and techniques. Over the course of the class different songwriting basic methods are presented. Students are assigned weekly songwriting projects. Class is appropriate for basic levels of songwriting competency.

	20294	MUS -058A-01Y	LEC 07:00 PM-08:50 PM	M		BRUNO	1101
			LAB 09:00 PM-09:50 PM	M		BRUNO	1101
✓			LAB TBA		TBA	BRUNO	ONLINE

MUS -058A-01Y: Hybrid class. 3 additional weekly TBA hours via online instruction.

✓	20295	MUS -058A-02W	LEC TBA		TBA	BRUNO	ONLINE
✓			LAB TBA		TBA	BRUNO	ONLINE
✓			LAB TBA		TBA	BRUNO	ONLINE

MUS -058A-02W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/tga/ for information on how to begin.

MUS 58B MODERN SONG COMPOSITION 3.5 Units

2 hours lecture, 1 hour lecture-laboratory, 3 hours laboratory. (72 total hours per quarter.)

Not Repeatable.

Workshop course for intermediate songwriters that focuses on contemporary and songwriting methodology. Over the course of the class different songwriting components and structures are presented. Students are assigned weekly songwriting projects and are expected to submit finished songs with all the necessary components. Course includes analytical listening and discussion of various songwriting styles. Class is appropriate for medium levels of songwriting competency.

	20704	MUS -058B-01Y	LEC 07:00 PM-08:50 PM	M		BRUNO	1101
			LAB 09:00 PM-09:50 PM	M		BRUNO	1101
✓			LAB TBA		TBA	BRUNO	ONLINE

MUS -058B-01Y: Hybrid class. 3 weekly TBA hours via online instruction.

✓	20706	MUS -058B-02W	LEC TBA		TBA	BRUNO	ONLINE
✓			LEC TBA		TBA	BRUNO	ONLINE
✓			LAB TBA		TBA	BRUNO	ONLINE

MUS -058B-02W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/tga/ for information on how to begin.

MUS 58C ADVANCED SONG STRUCTURE 3.5 Units

2 hours lecture, 1 hour lecture-laboratory, 3 hours laboratory. (72 total hours per quarter.)

Course Number CRN	Course ID	Title Activity	Units Time	Days	Instructor	Location	
	20705	MUS -058C-01Y	LEC 07:00 PM-08:50 PM	M		BRUNO	1101
			LAB 09:00 PM-09:50 PM	M		BRUNO	1101
✓			LAB TBA		TBA	BRUNO	ONLINE

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.

✓	20707	MUS -058C-02W	LEC TBA		TBA	BRUNO	ONLINE
✓			LAB TBA		TBA	BRUNO	ONLINE
✓			LAB TBA		TBA	BRUNO	ONLINE

MUS -058C-01Y: Hybrid class. 3 weekly TBA hours via online instruction.

✓	20707	MUS -058C-02W	LEC TBA		TBA	BRUNO	ONLINE
✓			LAB TBA		TBA	BRUNO	ONLINE
✓			LAB TBA		TBA	BRUNO	ONLINE

MUS -058C-02W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/tga/ for information on how to begin.

MUS 60A PRODUCING IN THE HOME STUDIO I 4 Units

4 hours lecture, 1 hour laboratory. (60 total hours per quarter.)

Not Repeatable.

Design, set up and operation of an audio/video recording studio in a small environment. Space considerations, electrical requirements and acoustic treatment options. Computer requirements including processor speed, memory requirements, data storage devices and monitor selection/placement. MIDI keyboard types and compatibility, mixer selection and setup, cable selection and care, microphone design, and USB/firewire interface options. Software programs and compatibility issues. How to produce recordings from start to finish in a home studio.

✓	20296	MUS -060A-01W	LEC TBA		TBA	DONNER	ONLINE
✓			LAB TBA		TBA	DONNER	ONLINE

MUS -060A-01W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/tga/ 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.)

Not Repeatable.

Introduction to creating music with computers, keyboards, audio samples and beats using Pro Tools. Basic principles and use of MIDI sequencing/audio software. Songwriting, musical composition, and the basic elements of music (pitch, rhythm, harmony, style and form) as they relate to contemporary music. Basic music production using Pro Tools. All styles are included, and prior musical training is not required.

	20595	MUS -066A-01Y	LEC 01:00 PM-02:50 PM	M		TAMBLING	1211
			LEC 02:50 PM-04:40 PM	M		TAMBLING	1211
✓			LAB TBA		TBA	TAMBLING	ONLINE

MUS -066A-01Y: Hybrid class. 3 weekly TBA hours via online instruction.

✓	20596	MUS -066A-02W	LEC TBA		TBA	TAMBLING	ONLINE
✓			LAB TBA		TBA	TAMBLING	ONLINE
✓			LAB TBA		TBA	TAMBLING	ONLINE

MUS -066A-02W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/tga/ for information on how to begin.

MUS 66B REASON & PRO TOOLS 4 Units

2 hours lecture, 2 hours lecture-laboratory, 3 hours laboratory. (84 total hours per quarter.)

Not Repeatable.

Creating and editing digital audio with Pro Tools and Reason. Introduction to Reason's virtual instruments including Dr. Rex, Subtractor, Malstrom, Thor, Redrum and NN-Xt. Songwriting, musical composition, and the basic elements of music (pitch, rhythm, harmony, style and form) as they relate to contemporary music. Introduction to synthesis and digital sampling techniques. Integrate Reason and Pro Tools using ReWire, Pro Tools MIDI Editor and the Pro Tools Mixer.

	20297	MUS -066B-01Y	LEC 07:00 PM-07:50 PM	M		PRIMEAU	1211
			LAB 08:00 PM-09:50 PM	M		PRIMEAU	1211
✓			LAB TBA		TBA	PRIMEAU	ONLINE

MUS -066B-01Y: Hybrid class. 4 additional weekly TBA hours via online instruction.

MUS 80A RECORDING STUDIO BASICS 4 Units

◆ = Middlefield Campus class

✓ = Online or Hybrid class

● = Off-Campus class

Evening classes are shaded.

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
2 hours lecture, 2 hours lecture-laboratory, 3 hours laboratory. (84 total hours per quarter.)				
Not Repeatable.				
Introduction to fundamental concepts and techniques of mixing boards, amplifiers, microphones, signal processors and their application to both live and studio sound reinforcement. Basic introduction to computer based recording with Avid Pro Tools HD systems. Microphone placement, physics of sound as it relates to recording, sound reinforcement and studio setup techniques.				
20893 MUS -080A-01Y	LEC	01:00 PM-02:50 PM Th	TAMBLING	1101
	LEC	02:50 PM-04:40 PM Th	TAMBLING	1101
✓	LAB TBA	TBA	TAMBLING	ONLINE

MUS -080A-01Y: Hybrid class. 3 additional weekly TBA hours via online instruction.

MUS 81B SOUND DESIGN FOR FILM & VIDEO 3.5 Units

Advisory: Not open to students with credit in VART 81B.

3 hours lecture, 1.5 hours laboratory. (54 total hours per quarter.)

Not Repeatable.

Creating and editing soundtracks and audio for digital video, music video and film. Recording live sound, and integrating sound effects from a digital library. Dialogue editing and re-recording (looping), and musical soundtrack creation. Synchronization of audio to video using timecode, aesthetic quality of sound and music as it relates to video content, and the production of video/audio projects using Final Cut Pro/Avid Media Composer and Pro Tools.

20298 MUS -081B-01	LEC	01:00 PM-03:50 PM T	KUEHNL	1211
	LAB	03:50 PM-05:10 PM T	KUEHNL	1211
✓	20299 MUS -081B-02W	LEC TBA	TBA	KUEHNL ONLINE
✓		LAB TBA	TBA	KUEHNL ONLINE

MUS -081B-02W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.

MUS 81C MIXING & MASTERING WITH PRO TOOLS 4 Units

2 hours lecture, 2 hours lecture-laboratory, 3 hours laboratory. (84 total hours per quarter.)

Not Repeatable.

Mixing and mastering 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 etc. 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.

✓	20895 MUS -081C-02W	LEC TBA	TBA	TAMBLING ONLINE
✓		LAB TBA	TBA	TAMBLING ONLINE
✓		LAB TBA	TBA	TAMBLING ONLINE

MUS -081C-02W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.

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.

✓	20981 MUS -082A-01W	LEC TBA	TBA	KUEHNL ONLINE
✓		LAB TBA	TBA	KUEHNL ONLINE
✓		LAB TBA	TBA	KUEHNL ONLINE

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

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
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.				
Pro Tools production concepts and techniques with Avid Certification training material. Recording, editing, routing audio and MIDI data. Managing Pro Tools sessions, using virtual instruments, plug-ins, loop recording, Elastic Audio, Beat Detective and music notation. Conform loops and beats to any tempo. Introduction to control surfaces, automation modes and signal path workflows. Practical applications with examples from professional recording artists including pop, rock, jazz and hip hop. Create tempo maps, meter changes and transpose key signatures. Required for Avid Pro Tools Operator Level Certification.				

✓	20982 MUS -082B-01W	LEC TBA	TBA	KUEHNL ONLINE
✓		LAB TBA	TBA	KUEHNL ONLINE
✓		LAB TBA	TBA	KUEHNL ONLINE

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

MUS 82D PRO TOOLS 210M: MUSIC PRODUCTION TECHNIQUES 4 Units

2 hours lecture, 2 hours lecture-laboratory, 3 hours laboratory. (84 total hours per quarter.)

Not Repeatable.

Avid Pro Tools Certified course completes skills needed to operate sophisticated Pro Tools systems in professional music production environments. Music production techniques, composing with MIDI, loop editing, sampling in Pro Tools, Beat Detective, drum replacement and augmentation, final mixing and mastering. Collaborate workflows between home studios and commercial recording facilities. Pro Tools keyboard shortcuts for increased efficiency. Practical examples and experience with exercise files from professional recording artists. Successful completion achieves Avid Pro Tools Operator Music Certification.

21777 MUS -082D-01Y	LEC	07:00 PM-08:50 PM T	TAMBLING	1101
	LAB	08:50 PM-10:40 PM T	TAMBLING	1101
✓		LAB TBA	TBA	TAMBLING ONLINE
✓	21778 MUS -082D-02W	LEC TBA	TBA	TAMBLING ONLINE
✓		LAB TBA	TBA	TAMBLING ONLINE
✓		LAB TBA	TBA	TAMBLING ONLINE

MUS 82F PRO TOOLS & GAME AUDIO 4 Units

2 hours lecture, 2 hours lecture-laboratory, 3 hours laboratory. (84 total hours per quarter.)

Not Repeatable.

Recording, editing and mastering sound for games and interactive multimedia. Working with dialog, scripts, sound effects, foley, ambient backgrounds, loops, elastic audio, tempo matching, digital processing and plug-ins. Producing game music, layering, splicing, mixing cinematic audio. Deliver game audio formats to commercial players and end users. Hands-on experience with professional examples of game audio production soundtracks and workflows including Sony Computer Entertainment and Microsoft Game Studios. Part of Avid Pro Tools Certification training program.

20978 MUS -082F-01Y	LEC	01:00 PM-03:00 PM M	KUEHNL	1101
	LEC	03:00 PM-05:00 PM M	KUEHNL	1101
✓		LAB TBA	TBA	KUEHNL ONLINE

MUS -082F-01Y: Hybrid class. 3 additional weekly TBA hours via online instruction.

✓	20979 MUS -082F-02W	LEC TBA	TBA	KUEHNL ONLINE
✓		LAB TBA	TBA	KUEHNL ONLINE
✓		LAB TBA	TBA	KUEHNL ONLINE

MUS -082F-02W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.

NANOTECHNOLOGY

Physical Sciences, Mathematics & Engineering

(650) 949-7259

www.foothill.edu/psme/

NANO 51 APPLICATIONS OF NANOTECHNOLOGY 5 Units

◆ = Middlefield Campus class

✓ = Online or Hybrid class

● = Off-Campus class

Evening classes are shaded.

Course Number CRN	Title Course ID	Units Activity	Time Days	Instructor	Location
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Formerly: ENGR 76

Advisory: High school chemistry, physics or biology; CHEM 30A or equivalent; PHYS 10 or equivalent; BIOL 10 or equivalent; not open to students with credit in ENGR 76.

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

Not Repeatable.

Introduction to the underlying principles and industrial applications of nanoscience and nanotechnology. Introduces scientific principles and theory relevant at the nanoscale dimension, including the emergence and engineering of novel properties at scale. Overview of current and future applications of nanotechnology in materials engineering, physics, chemistry, biology, electronics and computing, clean energy technology, and medicine. Introduces the field of nanomaterials engineering from an application design perspective, and serves as the foundation to the integrated nanotechnology program.

21051 NANO-051-.01 LEC 06:00 PM-10:50 PM M CORMIA 4716

NANO-051-.01: Offered partially via the internet. Instructions will be given in-person on the first day of classes. Students must be able to access the internet.

NANO 53 NANOMATERIALS CHARACTERIZATION 5 Units

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.

5 hours lecture. (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.

20652 NANO-053-.01 LEC 06:00 PM-10:50 PM W CORMIA 4716

NANO-053-.01: Additional costs for online materials or content in place of or in addition to a textbook may be required.

Non-Credit: Basic Skills

Non-Credit (650) 949-6950

NCBS 401A MATHEMATICAL FOUNDATIONS FOR COLLEGE PART I 0 Units

20 hours total. (0 total hours per quarter.)

Unlimited Repeatability.

This is part one of a bridge to college program that focuses on the development of quantitative thinking skills within the context of: the culture of the college classroom: reading and understanding the syllabus, completing assignments and meeting deadlines, taking quizzes and exams, and classroom communication skills; the assessment of skills without a calculator; exploration of the resources offered by the community college in mathematics; the development of basic mathematical literacy skills to enhance future success in mathematics.

Introduction to addition, subtraction, multiplication and division of whole numbers in preparation for basic skills mathematics course.

21818 NCBS-401A-01 LEC 09:00 AM-09:50 AM MTWThF STAFF 4008

21819 NCBS-401A-02 LEC 12:00 PM-12:50 PM MTWThF STAFF 4008

NCBS 401B MATHEMATICAL FOUNDATIONS FOR COLLEGE PART II 0 Units

Prerequisite: NCBS 401A

40 hours total. (0 total hours per quarter.)

Unlimited Repeatability.

This is part two of a bridge to college program that focuses on the development of quantitative thinking skills within the context of: the culture of the college classroom:

Course Number CRN	Title Course ID	Units Activity	Time Days	Instructor	Location
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reading and understanding the syllabus, completing assignments and meeting deadlines, taking quizzes and exams, and classroom communication skills; the assessment of skills without a calculator; exploration of the resources offered by the community college in mathematics; the development of basic mathematical literacy skills to enhance future success in mathematics.

Introduction to addition, subtraction, multiplication and division of fractions in preparation for basic skills mathematics course.

21820 NCBS-401B-01 LEC 09:00 AM-09:50 AM MTWTh STAFF 4008

21821 NCBS-401B-02 LEC 12:00 PM-12:50 PM MTWThF STAFF 4008

NCBS 405 SUPPLEMENTAL INSTRUCTION: PSME 0 Units

60-360 hours total. (0 total hours per quarter.)

Unlimited Repeatability.

An open-entry, open-exit course for students who seek academic support, through supplemental instructions and use of computers, to fill in missing prerequisite knowledge and strengthen skills developed in a referring course or courses as follows: CHEM 1A, 1B, 1C, 12A, 12B, 12C, 25, 30A, 30B, 70, C S 1A, 1B, 1C, 2A, 2B, 2C, ENGR 10, 35, 37, 37L, 45, 49, MATH 1A, 1B, 1C, 1D, 2A, 2B, 10, 11, 12, 22, 44, 48A, 48B, 48C, 54H, 105, 220, 230, 230J, 235, PHYS 2A, 2B, 2C, 4A, 4B, 4C, 4D, 5A, 5B, 5C, 6, 12, 34H.

21231 NCBS-405-.01 LAB TBA TBA LAM 4213

21302 NCBS-405-.02 LAB TBA TBA SILVERMAN TBA

21303 NCBS-405-.03 LAB TBA TBA VAN LINGEN TBA

21304 NCBS-405-.04 TBA TBA TBA STAFF TBA

21305 NCBS-405-.05 TBA TBA TBA STAFF TBA

21306 NCBS-405-.06 TBA TBA TBA STAFF TBA

21307 NCBS-405-.07 TBA TBA TBA STAFF TBA

21308 NCBS-405-.08 TBA TBA TBA STAFF TBA

21309 NCBS-405-.09 TBA TBA TBA STAFF TBA

21310 NCBS-405-.10 TBA TBA TBA STAFF TBA

21311 NCBS-405-.11 TBA TBA TBA STAFF TBA

21312 NCBS-405-.12 TBA TBA TBA STAFF TBA

21313 NCBS-405-.13 TBA TBA TBA STAFF TBA

Non-Credit: Language Arts

Language Arts (650) 949-7250

NCLA 406A SUPPLEMENTAL INSTRUCTION ENGLISH: ESSAY & PARAGRAPH LEVEL REVISION 0 Units

60 to 360 hours total. (0 total hours per quarter.)

Unlimited Repeatability.

An open-entry, open-exit course for students who seek academic support in English. Instruction and/or review of writing skills such as paragraphing, topic sentence, thesis, development, essay organization, sentence structure, basic sentence patterns, style, sentence mechanics, through supplemental instruction developed in a referring course or courses as follows: ENGL 209, 110, 104A, 104B, 1A, 1S and 1T, 1B, 1C, 242A, 242B, 250A, 250, 252A, 252B.

● 21809 NCLA-406A-01Q LAB TBA TBA STAFF TCHLRNCTR

● 21810 NCLA-406A-10 LAB TBA TBA MENENDEZ TCHLRNCTR

NCLA 406B SUPPLEMENTAL INSTRUCTION ENGLISH: SENTENCE LEVEL EDITING & PROOFREADING IN CONTEXT 0 Units

60 to 360 a quarter (0 total hours per quarter.)

Unlimited Repeatability.

An open-entry, open-exit course for students who seek academic support in English. Through individualized instruction, including one-on-one tutorials by an English department instructor, an instructional aide, and trained peer tutors as available, students receive help on sentence level (writing) and vocabulary development (reading). Course provides instruction and/or review of sentence level reading/writing skills such as basic sentence patterns, style and flow, sentence mechanics, proofreading, spelling and vocabulary development through supplemental instruction developed in a referring course or courses as follows: ENGL 209, 110, 104A, 104B, 1A, 1S and 1T, 1B, 1C, 242A, 242B, 250A, 250, 252A, 252B.

◆ = Middlefield Campus class

✓ = Online or Hybrid class

● = Off-Campus class

Evening classes are shaded.

Course Number CRN	Course ID	Title Activity	Units Time	Days	Instructor	Location
● 21812	NCLA-406B-10	LAB TBA		TBA	MENENDEZ	TCHLRNCTR
● 21813	NCLA-406B-11Q	LAB TBA		TBA	MENENDEZ	TCHLRNCTR

Course Number CRN	Course ID	Title Activity	Units Time	Days	Instructor	Location
development. May be offered bilingually.						

- 21631 NCP -402-01 LEC 06:00 PM-07:50 PM W SADJADI CRITTEN
NCP-402.01: Offered at Crittenden School, 1701 Rock St., Mountain View. Wednesdays, 6:00-7:50 pm, 9/25/13-10/16/13. Open entry/exit. No fee. Registering at class location is an option.
- 21699 NCP -402-02 LEC 06:00 PM-07:50 PM Th ESCALERA WCOHS
NCP 402.02: Offered at Overfelt High School, 1835 Cunningham Ave, San Jose. Thursdays 6 - 7:50 pm., 10/3/13-10/24/13. Open entry/exit. No fee. Register at class location.
- 21776 NCP -402-04 LEC 06:00 PM-07:50 PM Th ESCALERA WCOHS
LEC 06:00 PM-07:50 PM Th ESCALERA WCOHS
NCP-402.04: Offered at Overfelt High School, 1835 Cunningham Ave., San Jose. Thursdays, 6:00-7:50 pm, 11/7/13-12/5/13. No class 11/28/13. Open entry/exit. No fee. Registering at class location is an option.
- 21704 NCP -402-3 LEC 06:00 PM-07:50 PM W SADJADI CRITTEN

NON-CREDIT: PARENTING EDUCATION

Counseling & Student Services (650) 949-6950

NCP 400 STRONG START FOR CHILDREN 0 Units
8 hours total. (0 total hours per quarter.)
Unlimited Repeatability.

Introduces families and caregivers to stages of child development, best practices in parenting and links students to resources. Emphasis placed on child development, effective communication and discipline, and school readiness. This is the first course in a sequence of three (with NCP 401 and NCP 402) which leads to a Certificate of Completion in Parenting Skills and helps prepare students for credit classes in Child Development. May be offered bilingually.

- 21686 NCP -400-01 LEC 06:00 PM-07:50 PM W LEYMAN PINO CASTRO
NCP -400-01: Offered at Castro School, 505 Escuela Ave., Mountain View. Wednesdays 6-7:50, 9/25/13 - 10/16/13. Open entry/exit. No fee. Registering at class location is an option
- 21695 NCP -400-02 LEC 06:00 PM-07:50 PM W STAFF ELES
NCP -400-02: Offered at Landels School, 115 West Dana St., Mt. View. Wednesdays, 6-7:50, 9/25/13-10/16/13. Open entry/exit. No fee. Registering at class location is an option
- 21690 NCP -400-03 LEC 06:00 PM-07:50 PM W NEVAREZ BISHOP
NCP-400.03: Offered at Bishop School, 450 N Sunnyvale Ave., Sunnyvale. Wednesdays, 6:00 - 7:50 pm, 9/25/13 - 10/16/13. Open entry/exit. No fee. Registering at class location is an option.
- 21692 NCP -400-04 LEC 05:00 PM-06:50 PM T DUCOS CASTRO
NCP-400.04: Offered at Castro School, 505 Escuela Ave, Mt. View. Tuesdays, 5-6:50 pm, 9/24/13-10/15/13. Open entry/exit. No fee. Registering at class location is an option.
- 21697 NCP -400-05 LEC 06:00 PM-07:50 PM T GARCIA BRENTWOOD
NCP-400.05: Offered at Brentwood School, 1286 Runnymede St, East Palo Alto. Tuesdays, 6-7:50 pm, 9/24/13 -10/15/13. Open entry/exit. No fee. Registering at class location is an option.
- 21700 NCP -400-06 LEC 10:00 AM-11:50 AM M DUCOS HSLAIRON
NCP-400.06: Offered at Daniel Lairon Preschool, 3975 Mira Loma Way, San Jose. Mondays, 10-11:50 am, 10/14/13-11/4/13. Open entry/exit. No fee. Registering at class location is an option.
- 21701 NCP -400-07 LEC 06:00 PM-07:50 PM W LEYMAN PINO CASTRO
NCP-400.07: Offered at Castro School, 505 Escuela Ave., Mt. View. Wednesdays, 6-7:50 pm, 10/23/13-11/13/13. Open entry/exit. No fee. Registering at class location is an option
- 21705 NCP -400-10 LEC 08:30 AM-10:20 AM Th PONCE DAHL
NCP-400.10: Offered at Dahl Preschool, 3200 Water Street, San Jose. Thursdays, 8:30-10:20 am. Open entry/exit. No fee. Register at class location.
- 21712 NCP -400-11 LEC 06:00 PM-07:50 PM T NEVAREZ CASTRO
NCP-400.11: Offered at Castro School, 505 Escuela Ave, Mountain View. Tuesdays, 6:00-7:50 pm, 10/29/13-11/19/13. Open entry/exit. No fee. Registering at class location is an option.
- 21720 NCP -400-12 LEC 06:00 PM-07:50 PM T GARCIA BRENTWOOD
NCP-400.12: Offered at Brentwood School, 1286 Runnymede St., EPA. Tuesdays, 6:00-7:50 pm, 10/29/13-11/19/13. Open entry/exit. No fee. Registering at class location is an option.
- 21725 NCP -400-13 LEC 06:00 PM-07:50 PM W NEVAREZ BISHOP
NCP-400.13: Offered at Bishop School, 450 N Sunnyvale Ave., Sunnyvale. Wednesdays, 6:00 - 7:50 pm, 10/30/13-11/20/13. Open entry/exit. No fee. Registering at class location is an option.
- 21761 NCP -400-14 LEC 10:00 AM-11:50 AM M DUCOS HSLAIRON
LEC 10:00 AM-11:50 AM M DUCOS HSLAIRON
NCP-400.14: Offered at Daniel Lairon Preschool, 3975 Mira Loma Way, San Jose. Mondays, 10-11:50 am, 11/18/13-12/16/13. No class on 11/25/13. Open entry/exit. No fee. Registering at class location is an option.
- 21702 NCP -400-8 LEC 06:00 PM-07:50 PM W STAFF ELES
- ◆ 21703 NCP -400-9 LEC 08:30 AM-10:20 AM W DUCOS MCKPS

NCP 402 PARENT INVOLVEMENT: THE IMPORTANCE OF FAMILY IN THE LIVES OF CHILDREN 0 Units
8 hours total. (0 total hours per quarter.)
Unlimited Repeatability.

Introduces families and caregivers to the importance of family in the lives of children, best practices in parenting and linking students to resources. Emphasis placed on parent involvement, accessing resources and navigating systems in multicultural communities. Third course in a sequence of three (with NCP 400 and NCP 401) which leads to a Certificate of Completion in Parenting Skills and helps prepare students for credit classes in child

PERFORMING ARTS

Fine Arts & Communication (650) 949-7479 www.foothill.edu/fa/

All Performing Arts classes by prior audition only. For information (650) 949-7479.

P A 311A PERFORMANCE PRACTICES IN THEATRE I 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.)

Not Repeatable.

Study, rehearsal, and performance of assigned theatre performance repertoire. Through guided instruction, students learn the core theory and techniques of modern acting. Designed as a performance course for actors wishing to explore theatre repertoire more fully with other performance artists and under the tutelage of a theatre professional.

- 21708 P A -311A-01 LAB TBA TBA THORNTON CLTC
- 21735 P A -311A-02 LAB TBA TBA THORNTON PYT
- 21748 P A -311A-03 LAB TBA TBA THORNTON SJCMT

P A 311B PERFORMANCE PRACTICES IN THEATRE II 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.)

Not Repeatable.

Study, rehearsal, and performance of assigned theatre performance repertoire. Building on the fundamentals learned in P A 311A, this course will concentrate on the use of voice in a performance setting. Designed as a performance course for actors wishing to explore theatre repertoire more fully with other performance artists and under the tutelage of a theatre professional.

- 21709 P A -311B-01 LAB TBA TBA THORNTON CLTC
- 21736 P A -311B-02 LAB TBA TBA THORNTON PYT
- 21749 P A -311B-03 LAB TBA TBA THORNTON SJCMT

P A 311C PERFORMANCE PRACTICES IN THEATRE III 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.)

Not Repeatable.

Study, rehearsal, and performance of assigned theatre performance repertoire. Building on the fundamentals learned in PA 311B, this course will concentrate on the use of movement in a performance setting. Designed as a performance course for actors wishing to explore theatre repertoire more fully with other performance artists and under the tutelage of a theatre professional.

- 21710 P A -311C-01 LAB TBA TBA THORNTON CLTC
- 21737 P A -311C-02 LAB TBA TBA THORNTON PYT
- 21750 P A -311C-03 LAB TBA TBA THORNTON SJCMT

P A 311D PERFORMANCE PRACTICES IN THEATRE IV 4 Units

Prerequisite: Enrollment subject to audition.

Advisory: Pass/No Pass; enrollment is limited to six times within the P A group.

◆ = Middlefield Campus class

✓ = Online or Hybrid class

● = Off-Campus class

Evening classes are shaded.

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
12 hours laboratory. (144 total hours per quarter.) Not Repeatable.				
Study, rehearsal, and performance of assigned theatre performance repertoire. Building on the previous courses, this class will examine the works of specific periods of theatre. Designed as a performance course for actors wishing to explore theatre repertoire more fully with other performance artists and under the tutelage of a theatre professional.				
● 21711 P A -311D-01	LAB TBA	TBA	THORNTON	CLTC
● 21738 P A -311D-02	LAB TBA	TBA	THORNTON	PYT
● 21751 P A -311D-03	LAB TBA	TBA	THORNTON	SJCMT
P A 311E	PERFORMANCE PRACTICES IN THEATRE V	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.) Not Repeatable.				
Study, rehearsal, and performance of assigned theatre performance repertoire. Building on the previous courses, this class will explore the techniques of improvisation in theatre. Designed as a performance course for actors wishing to explore theatre repertoire more fully with other performance artists and under the tutelage of a theatre professional.				
● 21713 P A -311E-01	LAB TBA	TBA	THORNTON	CLTC
● 21740 P A -311E-02	LAB TBA	TBA	THORNTON	PYT
● 21752 P A -311E-03	LAB TBA	TBA	THORNTON	SJCMT
P A 311F	PERFORMANCE PRACTICES IN THEATRE VI	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.) Not Repeatable.				
Study, rehearsal, and performance of assigned theatre performance repertoire. Building on all previous courses, this class will expand the advanced actor's performance capabilities through more in depth text and character analysis. Designed as a performance course for actors wishing to explore theatre repertoire more fully with other performance artists and under the tutelage of a theatre professional.				
● 21714 P A -311F-01	LAB TBA	TBA	THORNTON	CLTC
● 21741 P A -311F-02	LAB TBA	TBA	THORNTON	PYT
● 21753 P A -311F-03	LAB TBA	TBA	THORNTON	SJCMT
P A 315A	PERFORMANCE PRACTICES IN TECHNICAL THEATRE I-BASICS OF TECHNICAL THEATRE	4 Units		
Prerequisite: Enrollment subject to audition.				
Advisory: Enrollment is limited to six times within the P A group.				
12 hours laboratory. (144 total hours per quarter.) Not Repeatable.				
Study, rehearsal, and performance of basic technical theatre. This course is designed for theatre students wishing to learn more about backstage practices. Culminates in a full-scale production performed for a public audience.				
● 21715 P A -315A-01	LAB TBA	TBA	THORNTON	CLTC
● 21742 P A -315A-02	LAB TBA	TBA	THORNTON	PYT
● 21755 P A -315A-03	LAB TBA	TBA	THORNTON	SJCMT
P A 315B	PERFORMANCE PRACTICES IN TECHNICAL THEATRE II-SETS	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.) Not Repeatable.				
Study, rehearsal, and performance of technical theatre. This course builds on 315A, adding best practices in set design and construction for theatre. Culminates in a full-scale production performed for a public audience.				
● 21716 P A -315B-01	LAB TBA	TBA	THORNTON	CLTC
● 21743 P A -315B-02	LAB TBA	TBA	THORNTON	PYT
● 21756 P A -315B-03	LAB TBA	TBA	THORNTON	SJCMT

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
P A 315C	PERFORMANCE PRACTICES IN TECHNICAL THEATRE III-COSTUME & MAKE-UP	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.) Not Repeatable.				
Study, rehearsal, and performance of technical theatre. This course builds on 341B, adding instruction in costumes and make-up designed for theatre. Culminates in a full-scale production performed for a public audience.				
● 21717 P A -315C-01	LAB TBA	TBA	THORNTON	CLTC
● 21744 P A -315C-02	LAB TBA	TBA	THORNTON	PYT
● 21757 P A -315C-03	LAB TBA	TBA	THORNTON	SJCMT
P A 315D	PERFORMANCE PRACTICES IN TECHNICAL THEATRE IV-LIGHTING	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.) Not Repeatable.				
Study, rehearsal, and performance of technical theatre. This course builds on 315C, adding techniques of light design and implementation for theatre. Culminates in a full-scale production performed for a public audience.				
● 21718 P A -315D-01	LAB TBA	TBA	THORNTON	CLTC
● 21745 P A -315D-02	LAB TBA	TBA	THORNTON	PYT
● 21758 P A -315D-03	LAB TBA	TBA	THORNTON	SJCMT
P A 315E	PERFORMANCE PRACTICES IN TECHNICAL THEATRE V-SOUND	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.) Not Repeatable.				
Study, rehearsal, and performance of technical theatre. This course builds on 315D, adding techniques of sound design and operation for theatre. Culminates in a full-scale production performed for a public audience.				
● 21719 P A -315E-01	LAB TBA	TBA	THORNTON	CLTC
● 21746 P A -315E-02	LAB TBA	TBA	THORNTON	PYT
● 21759 P A -315E-03	LAB TBA	TBA	THORNTON	SJCMT
P A 315F	PERFORMANCE PRACTICES IN TECHNICAL THEATRE VI-STAGE MANAGEMENT	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.) Not Repeatable.				
Study, rehearsal, and performance of technical theatre. This course builds on previous courses, adding techniques of stage management for theatre. Culminates in a full-scale production performed for a public audience.				
● 21721 P A -315F-01	LAB TBA	TBA	THORNTON	CLTC
● 21747 P A -315F-02	LAB TBA	TBA	THORNTON	PYT
● 21760 P A -315F-03	LAB TBA	TBA	THORNTON	SJCMT
P A 321A	PERFORMANCE PRACTICES IN VOCAL MUSIC I	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.) Not Repeatable.				
Study, rehearsal, and performance of vocal/choral repertoire for singers of little to no experience. Designed as a beginning performance course for ensemble singers wishing to explore the vast choral repertoire with other performance artists and under the tutelage of a choral professional.				

◆ = Middlefield Campus class

✓ = Online or Hybrid class

● = Off-Campus class

Evening classes are shaded.

Course Number CRN	Course ID	Title Activity	Units Time	Days	Instructor	Location
● 21762	P A -321A-01	LAB TBA		TBA	THORNTON	SYC

P A 321B PERFORMANCE PRACTICES IN VOCAL MUSIC II 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.)

Not Repeatable.

Study, rehearsal, and performance of vocal/choral repertoire for singers of who have taken PA 321A. Builds on the previous course, with further emphasis on music theory and choral training. For ensemble singers wishing to explore the vast choral repertoire with other performance artists and under the tutelage of a choral professional.

● 21763	P A -321B-01	LAB TBA		TBA	THORNTON	SYC
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P A 321C PERFORMANCE PRACTICES IN VOCAL MUSIC III 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.)

Not Repeatable.

Study, rehearsal, and performance of vocal/choral repertoire for singers of who have taken PA 321B. Builds on the previous course, expanding choral styles and vocal range. For ensemble singers wishing to explore the vast choral repertoire with other performance artists and under the tutelage of a choral professional.

● 21764	P A -321C-01	LAB TBA		TBA	THORNTON	SYC
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P A 321D PERFORMANCE PRACTICES IN VOCAL MUSIC IV 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.)

Not Repeatable.

Study, rehearsal, and performance of vocal/choral repertoire for singers of who have taken PA 321C. Builds on the previous course, teaching intermediate-level harmonies and theory and expanding the vocal repertoire. For ensemble singers wishing to explore the vast choral repertoire with other performance artists and under the tutelage of a choral professional.

● 21765	P A -321D-01	LAB TBA		TBA	THORNTON	SYC
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P A 321E PERFORMANCE PRACTICES IN VOCAL MUSIC V 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.)

Not Repeatable.

Study, rehearsal, and performance of vocal/choral repertoire for singers of who have taken PA 321D. Builds on the previous course, expanding vocal range, abilities, and repertoire. For ensemble singers wishing to explore the vast choral repertoire with other performance artists and under the tutelage of a choral professional.

● 21766	P A -321E-01	LAB TBA		TBA	THORNTON	SYC
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P A 321F PERFORMANCE PRACTICES IN VOCAL MUSIC VI 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.)

Not Repeatable.

Study, rehearsal, and performance of vocal/choral repertoire for singers of who have taken PA 321E. This advanced class is the culmination of all previous classes, giving students the chance to take on leadership roles in both performance and rehearsals. For ensemble singers wishing to explore the vast choral repertoire with other performance artists and under the tutelage of a choral professional.

Course Number CRN	Course ID	Title Activity	Units Time	Days	Instructor	Location
● 21767	P A -321F-01	LAB TBA		TBA	THORNTON	SYC

P A 331A PERFORMANCE PRACTICES IN INSTRUMENTAL MUSIC I 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.)

Not Repeatable.

Study, rehearsal, and performance of ensemble instrumental performance. Designed as a performance course for players of string, wind, brass and percussion instruments of little ensemble experience under the tutelage of a music professional.

● 21722	P A -331A-01	LAB TBA		TBA	THORNTON	CYS
● 21729	P A -331A-02	LAB TBA		TBA	THORNTON	ECYS

P A 331B PERFORMANCE PRACTICES IN INSTRUMENTAL MUSIC II 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.)

Not Repeatable.

Study, rehearsal, and performance of ensemble instrumental performance for musicians who have taken PA 331A or equivalent. Builds on the previous course, with further emphasis on musicality and technique. Designed as a performance course for players of string, wind, brass and percussion instruments under the tutelage of a music professional.

● 21723	P A -331B-01	LAB TBA		TBA	THORNTON	CYS
● 21730	P A -331B-02	LAB TBA		TBA	THORNTON	ECYS

P A 331C PERFORMANCE PRACTICES IN INSTRUMENTAL MUSIC III 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.)

Not Repeatable.

Study, rehearsal, and performance of ensemble instrumental performance for musicians who have taken P A 331B or equivalent. Builds on the previous courses, emphasizing both individual accuracy and section unification. Designed as a performance course for players of string, wind, brass and percussion instruments under the tutelage of a music professional.

● 21724	P A -331C-01	LAB TBA		TBA	THORNTON	CYS
● 21731	P A -331C-02	LAB TBA		TBA	THORNTON	ECYS

P A 331D PERFORMANCE PRACTICES IN INSTRUMENTAL MUSIC IV 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.)

Not Repeatable.

Study, rehearsal, and performance of ensemble instrumental performance for musicians who have taken P A 331C or equivalent. Builds on the previous courses, concentrating on styles and periods of music, and their interpretation. Designed as a performance course for players of string, wind, brass and percussion instruments under the tutelage of a music professional.

● 21726	P A -331D-01	LAB TBA		TBA	THORNTON	CYS
● 21732	P A -331D-02	LAB TBA		TBA	THORNTON	ECYS

P A 331E PERFORMANCE PRACTICES IN INSTRUMENTAL MUSIC V 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.)

Not Repeatable.

Study, rehearsal, and performance of ensemble instrumental performance for musicians who have taken P A 331D or equivalent. Builds on the previous courses, with the addition

◆ = Middlefield Campus class

✓ = Online or Hybrid class

● = Off-Campus class

Evening classes are shaded.

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
of playing in smaller ensembles. Designed as a performance course for players of string, wind, brass and percussion instruments under the tutelage of a music professional.				
● 21727 P A -331E-01	LAB TBA	TBA	THORNTON	CYS
● 21733 P A -331E-02	LAB TBA	TBA	THORNTON	ECYS
P A 331F	PERFORMANCE PRACTICES IN INSTRUMENTAL MUSIC VI	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.) Not Repeatable. Study, rehearsal, and performance of ensemble instrumental performance for musicians who have taken P A 331E or equivalent. Builds on the previous courses, exploring advanced repertoire and playing technique. Designed as a performance course for players of string, wind, brass and percussion instruments under the tutelage of a music professional.				
● 21728 P A -331F-01	LAB TBA	TBA	THORNTON	CYS
● 21734 P A -331F-02	LAB TBA	TBA	THORNTON	ECYS
P A 341A	PERFORMANCE PRACTICES IN OPERA-CHORUS, COACHINGS, REHEARSALS & PERFORMANCE VOICE	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.) Not Repeatable. Study, rehearsal, and performance of opera repertoire for students with little performance experience. Designed as a beginning course for performers wishing to explore the vast opera repertoire with other artists and under the tutelage of opera professionals.				
● 21768 P A -341A-01	LAB TBA	TBA	THORNTON	WBO
P A 341B	PERFORMANCE PRACTICES IN OPERA-SMALL ROLES	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.) Not Repeatable. Study, rehearsal, and performance of opera repertoire. This course builds on the skills acquired in P A 341A, adding tutelage for students wishing to perform in a minor role. Culminates in a full-scale production performed for a public audience.				
● 21769 P A -341B-01	LAB TBA	TBA	THORNTON	WBO
P A 341C	PERFORMANCE PRACTICES IN OPERA-COSTUME & MAKE-UP	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.) Not Repeatable. Study, rehearsal, and performance of opera repertoire. This course builds on 341B, adding instruction in costumes and make-up designed for opera. Culminates in a full-scale production performed for a public audience.				
● 21770 P A -341C-01	LAB TBA	TBA	THORNTON	WBO
P A 341D	PERFORMANCE PRACTICES IN OPERA-SETS	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.) Not Repeatable. Study, rehearsal, and performance of opera repertoire. This course builds on previous courses, adding best practices in set design and construction for opera. Culminates in a full-scale production performed for a public audience.				

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
● 21771 P A -341D-01	LAB TBA	TBA	THORNTON	WBO
P A 341E	PERFORMANCE PRACTICES IN OPERA-LIGHTING	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.) Not Repeatable. Study, rehearsal, and performance of opera repertoire. This course builds on previous courses, adding techniques of light design and set-up for opera. Culminates in a full-scale production performed for a public audience.				
● 21772 P A -341E-01	LAB TBA	TBA	THORNTON	WBO
P A 341F	PERFORMANCE PRACTICES IN OPERA-ADVANCED OPERA	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.) Not Repeatable. Study, rehearsal, and performance of opera repertoire. This course builds on previous courses, further emphasizing performance techniques for the advanced singer. Culminates in a full-scale production performed for a public audience.				
● 21773 P A -341F-01	LAB TBA	TBA	THORNTON	WBO

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.

● 20799 PCA -052B-01 LEC 10:00 AM-11:50 AM MT HIRAHOKA SMC
LAB 12:00 PM-02:50 PM M HIRAHOKA 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 pharmacological management of infectious disease and disorders of the following systems: cardiovascular, gastrointestinal, renal-urologic, reproductive, endocrine, psychiatric/behavioral. Required for Physician Assistant students.

● 20800 PCA -053B-01 LEC 02:00 PM-04:50 PM Th HIRAHOKA SMC

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

Formerly: P C 80P
Prerequisite: PCA 54A.

◆ = Middlefield Campus class

✓ = Online or Hybrid class

● = Off-Campus class

Evening classes are shaded.

Course Number CRN	Course ID	Title Activity	Units Time Days	Instructor	Location
Advisory: Not open to students with credit in P C 80P. 1 hour lecture, 6 hours laboratory. (84 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.					
● 20801	PCA -054B-01	LEC	02:00 PM-02:50 PM W	HIRAHOKA	SMC
		LAB	03:00 PM-04:50 PM W	HIRAHOKA	SMC
		LAB	10:00 AM-11:50 AM F	HIRAHOKA	SMC
		LAB	02:00 PM-03:50 PM F	HIRAHOKA	SMC

PCA 55B PROFESSIONALISM/CULTURAL MEDICINE II .5 Units

Prerequisite: PCA 55A.

1 hour lecture every two weeks. (6 total hours per quarter.)

Not Repeatable.

This course is a continuation of PCA 55A. It continues to focus on professional, ethical, and cross cultural issues in the PA profession. Content includes national accreditation for PA programs, certification, and licensure requirements for PAs. Ethical issues of patient confidentiality, and cultural issues such as health literacy are also included. Required for Physician Assistant students.

● 20802	PCA -055B-01	LEC	TBA	TBA	HIRAHOKA	SMC
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PCA -055B-01: Class meets alternate Fridays (Sept 28, Oct 12 & 26, Nov 9 & 30, and Dec 7). 6 total hrs/qr.

PCA 56B CORE MEDICINE II 8.5 Units

Formerly: P C 80

Prerequisite: PCA 56A.

Advisory: Not open to students with credit in P C 80.

8.5 hours lecture. (102 total hours per quarter.)

Not Repeatable.

This course is the second of a series of seven courses. It covers the presentation, evaluation, diagnosis and management of primary care disorders of the following systems: cardiovascular, gastrointestinal, renal-urollogic, reproductive-obstetrics, endocrine, psychiatric/behavioral, multisystems-rheumatologic. Required for Physician Assistant students.

● 20803	PCA -056B-01	LEC	02:00 PM-04:15 PM T	HIRAHOKA	SMC
		LEC	09:00 AM-11:50 AM W	HIRAHOKA	SMC
		LEC	09:00 AM-11:50 AM Th	HIRAHOKA	SMC

PCA 56F CORE MEDICINE VI 1.5 Units

Formerly: P C 83

Prerequisite: PCA 56E.

Advisory: Not open to students with credit in P C 83.

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

Not Repeatable.

This course is the sixth in a series of seven courses. It expands the student's awareness of the role hospital-based clinicians play in issues of Epidemiology and Public Health. Students use case histories from their hospital-based experience to explore epidemiologic principles. Required for Physician Assistant students.

● 20806	PCA -056F-01	LEC	09:00 AM-10:15 AM F	HIRAHOKA	SMC
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PCA 60D PRECEPTORSHIP IV 7 Units

Formerly: P C 84P

Prerequisite: PCA 60C.

Advisory: Not open to students with credit in P C 84P.

35 hours preceptorship. (420 total hours per quarter.)

Not Repeatable.

The four of five courses in the clinical sequence of the Primary Care Associate Program. Assessing, planning, implementing, and evaluating patients in a primary care clinical setting. In addition to the content in PCA 60A, B and C, it includes hospital in-patient care. Development of progress in clinical performance with each successive academic period. Required for Physician Assistant students.

● 20804	PCA -060D-01	LAB	09:00 AM-04:40 PM MTWTh	HIRAHOKA	SMC
		LAB	12:00 PM-02:50 PM F	HIRAHOKA	SMC

Course Number CRN	Course ID	Title Activity	Units Time Days	Instructor	Location
PCA 290	ENRICHMENT COURSE DIDACTIC PRINCIPLES				1 Unit
Formerly: P C 190					
Prerequisite: Enrollment in the Primary Care Associate Program.					
1 hour lecture per week. (12 total hours per quarter.)					
Not Repeatable.					
This is an enrichment course developed to provide additional instruction to achieve competence in didactic course principles employed in the practice of primary care medicine. Intended for students in the PCA program.					
● 20807	PCA -290.-01	LEC	TBA	TBA	HIRAHOKA SMC

PCA 291 ENRICHMENT COURSE:PRECEPTORSHIP PRINCIPLES 4 Units

Formerly: P C 190Y

Prerequisite: Enrollment in Primary Care Associate Program.

20 hours clinic. (240 total hours per quarter.)

Not Repeatable.

This course will provide enrichment in order to complete preceptorship requirements. It may include self-study, tutoring, additional clinical experience and assignments. Focus training under the supervision of a physician preceptor. Intended for students in the PCA program.

● 20808	PCA -291.-01	LAB	TBA	TBA	HIRAHOKA SMC
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PHYSICAL EDUCATION - ADAPTIVE PE (FORMERLY ADAPTIVE LEARNING)

Kinesiology & Athletics

PHDA 20 MODIFIED FUNCTIONAL FITNESS 1 Unit

Formerly: ALAP 66X

Advisory: Not open to students with credit in ALAP 66X.

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

Not Repeatable.

Exercises for improving activities of daily living. Emphasis on proper body mechanics, postures and movement patterns. Development of joint mobility, muscular strength, muscular endurance, balance, coordination and locomotion as it relates to daily activities.

21575	PHDA-020.-01	LAB	02:00 PM-03:15 PM TTh	O'LOUGHLIN	2506
21578	PHDA-020.-02	LAB	04:00 PM-05:15 PM TTh	O'LOUGHLIN	2506
21579	PHDA-020.-03	LAB	05:30 PM-06:45 PM TTh	O'LOUGHLIN	2506
21576	PHDA-020.-04	LAB	07:00 PM-08:15 PM TTh	O'LOUGHLIN	2506
◆ 21580	PHDA-020.-10	LAB	08:30 AM-09:20 AM MWF	O'LOUGHLIN	MCWT
◆ 21577	PHDA-020.-11	LAB	08:30 AM-09:45 AM T	O'LOUGHLIN	MCWT
◆ 21581	PHDA-020.-12	LAB	10:00 AM-10:50 AM MWF	O'LOUGHLIN	MCWT
◆ 21583	PHDA-020.-13	LAB	10:15 AM-11:30 AM TTh	MAC NEIL	MCWT
◆ 21582	PHDA-020.-14	LAB	11:30 AM-12:20 PM MWF	O'LOUGHLIN	MCWT

PHYSICAL EDUCATION

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

PHED 10A AQUATICS: LEVEL I, BEGINNING SWIMMING 1 Unit

Advisory: This course is included in the Aquatic Family of activity courses.

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

Not Repeatable.

Introduction to swimming and safety skills. Includes physical and mental adjustment to water, buoyancy and body position, survival skills, and basic swim strokes.

20529	PHED-010A-01	LAB	12:00 PM-01:15 PM MW	CRAIG	POOL
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◆ = Middlefield Campus class

✓ = Online or Hybrid class

● = Off-Campus class

Evening classes are shaded.

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
PHED 10B	AQUATICS: LEVEL II, INTERMEDIATE SWIMMING	1 Unit		
Advisory: This course is included in the Aquatic Family of activity courses. 3 hours laboratory. (36 total hours per quarter.) Not Repeatable.				
A continuation of development of swim and safety skills beyond the beginning phase. Includes physical and mental adjustment to water, buoyancy and body position, survival skills, and the basic competitive swim strokes. In addition to swimming, this class also includes intermediate water safety skills and knowledge leading to safe practices while in, on or about the water.				
20305 PHED-010B-02	LAB 11:00 AM-11:50 AM	MWF	DOMINGUEZ	POOL
20306 PHED-010B-03	LAB 12:00 PM-01:15 PM	TTh	CRAIG	POOL
20308 PHED-010B-04	LAB 06:00 PM-07:15 PM	TTh	BISSELL	POOL
20714 PHED-010B-05	LAB 09:00 AM-11:50 AM	S	TBA	POOL

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
21520 PHED-018-01	LAB 08:00 AM-08:50 AM	MWF	WONG	2601
PHED 18B	INTERMEDIATE TAI CHI (TAIJI)	1 Unit		
Prerequisite: PHED 18. Advisory: This course is included in the Combatives Family of activity courses. 3 hours laboratory. (36 total hours per quarter.) Not Repeatable.				
Intermediate Taiji focuses on the understanding and transition of body alignment in stillness to dynamic alignment during the Taijiquan form practice. This intermediate class emphasizes maintaining the body alignment during movements and through motion with natural breathing. External movements guiding the internal energy flow exercises (Hun Yuan Qigong) and a series of connected spiral movements (Silk Reeling Exercises) will be taught in this class. Their connection to mind-body awareness will also be explored. Students will learn and continue to practice the second section of Chen Style Taijiquan Lao Jia (Old Frame) first routine to facilitate the development of the body-ground connection.				

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
PHED 11A	WATER EXERCISE	1 Unit		
Advisory: This course is included in the Aquatic Family of activity courses. 3 hours laboratory. (36 total hours per quarter.) Not Repeatable.				
A unique non-impact form of aquatic exercise designed to improve cardiovascular endurance, muscular strength, endurance, and flexibility while wearing a flotation belt to maintain an upright position in deep water.				
21504 PHED-011A-01	LAB 11:00 AM-11:50 AM	MWF	DOMINGUEZ	POOL
21112 PHED-011A-02	LAB 09:00 AM-11:50 AM	S	TBA	POOL

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
21521 PHED-018B-01	LAB 08:00 AM-08:50 AM	MWF	WONG	2601
PHED 19B	KICKBOXING FOR FITNESS	1 Unit		
Advisory: This course is included in the Combatives Family of activity courses. 3 hours laboratory. (36 total hours per quarter.) Not Repeatable.				
Introduction to the basic skills and mechanics of kickboxing for fitness. Total cardiovascular workout emphasizing basic footwork, body mechanics, punching and kicking combinations and basic offensive and defensive techniques.				

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
PHED 11B	AQUATIC FITNESS	1 Unit		
Advisory: This course is included in the Aquatic Family of activity courses. 3 hours laboratory. (36 total hours per quarter.) Not Repeatable.				
An aerobic water fitness program applying the basic principles of exercise and dynamics of water movement.				
21278 PHED-011B-01	LAB 12:00 PM-01:15 PM	TTh	CRAIG	POOL

◆ 20309 PHED-019B-01 LAB 06:30 PM-07:45 PM MW CHIBA MCPAV

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
PHED 11C	WATER AWARENESS	1 Unit		
Advisory: This course is included in the Aquatic Family of activity courses. 3 hours laboratory. (36 total hours per quarter.) Not Repeatable.				
This class is designed to teach water awareness for non-swimmers and will include basic water safety information as well as elementary swim techniques.				
21450 PHED-011C-01	LAB 12:00 PM-01:15 PM	MW	CRAIG	POOL
21789 PHED-011C-02	LAB 06:00 PM-07:15 PM	TTh	BISSELL	POOL

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
PHED 19C	INTERMEDIATE KICKBOXING FOR FITNESS	1 Unit		
Prerequisite: PHED 19B. Advisory: This course is included in the Combatives Family of activity courses. 3 hours laboratory. (36 total hours per quarter.) Not Repeatable.				
Intermediate kickboxing focuses on punching and kicking combination drills, with fewer breaks or interruptions, and with an increase in intensity, impact and duration. An emphasis is placed on intermediate level footwork and body mechanics to improve coordination, reaction time and balance.				

◆ 21522 PHED-019C-01 LAB 06:30 PM-07:45 PM MW CHIBA MCPAV

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
PHED 14	NUTRITIONAL ASSESSMENT & FITNESS	1 Unit		
Formerly: PHED 50C Advisory: This course is included in the Strength Development Family of activity courses; Not open to students with credit in PHED 50C. 3 hours laboratory. (36 total hours per quarter.) Not Repeatable.				
A study of nutritional concepts, body fat assessment and work-out programs for lifetime fitness.				
20927 PHED-014.-01	LAB 04:00 PM-06:50 PM	W	OBURN	2506

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
PHED 20A	BEGINNING MAT PILATES	1 Unit		
Advisory: This course is included in the Flexibility & Stability Family of activity courses. 3 hours laboratory. (36 total hours per quarter.) Not Repeatable.				
Beginning Pilates stresses the fundamentals and principles of the Pilates method. Traditional Mat Pilates exercises and principles are combined to achieve body control, core strength and joint mobility.				
21501 PHED-020A-03	LAB 12:00 PM-01:15 PM	TTh	FLANNERY	2507
21503 PHED-020A-04	LAB 01:30 PM-02:45 PM	MW	STEWART	2507
20310 PHED-020A-10	LAB 08:30 AM-09:45 AM	TTh	HUNTER	2507

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
PHED 18	BEGINNING TAI CHI (TAIJI)	1 Unit		
Formerly: PHED 19A Advisory: This course is included in the Combatives Family of activity courses. 3 hours laboratory. (36 total hours per quarter.) Not Repeatable.				
Beginning Tai Chi (Taiji) introduces the fundamentals and principles of Taijiquan. This beginning class emphasizes body alignment in stillness with natural breathing and its relationship to mind-body awareness. Traditional Chen Style Taijiquan Lao Jia (Old Frame) first routine and the standing posture with breathing exercises (Wuji Qigong) will be practiced to facilitate the development of basic body strength and mind-body coordination.				

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
PHED 20B	INTERMEDIATE MAT PILATES	1 Unit		
Prerequisite: PHED 20A. Advisory: This course is included in the Flexibility & Stability Family of activity courses. 3 hours laboratory. (36 total hours per quarter.) Not Repeatable.				
An intermediate level mat Pilates class focusing on fluid transitions between stretching and strengthening intermediate exercises to improve coordination, endurance, posture, flexibility and balance for a more streamlined shape. Once the foundational beginning exercises are in place, the intermediate level focuses on neutral pelvic placement and increasingly challenging series of exercises considered intermediate.				
21502 PHED-020B-03	LAB 12:00 PM-01:15 PM	TTh	FLANNERY	2507

◆ = Middlefield Campus class

✓ = Online or Hybrid class

● = Off-Campus class

Evening classes are shaded.

Course Number CRN	Course ID	Title Activity	Units Time	Days	Instructor	Location
20524	PHED-020B-10	LAB 08:30 AM-09:45 AM	TTh		HUNTER	2507

PHED 20C ADVANCED PILATES 1 Unit

Prerequisite: PHED 20B.
Advisory: This course is included in the Flexibility & Stability Family of activity courses.
3 hours laboratory. (36 total hours per quarter.)
Not Repeatable.

A vigorous and dynamic full body conditioning class using mat and standing exercises to tighten, tone and lengthen core muscles and flexibility exercises to improve mobility and stability. Advanced Pilates focuses on the vertical positioning of the body which is the most advanced manifestation of Pilates.

20942	PHED-020C-01	LAB 12:00 PM-01:15 PM	MW		SHEWFELT	2504
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PHED 21 FOUNDATIONS OF YOGA 1 Unit

Advisory: This course is included in the Flexibility & Stability Family of activity courses.
3 hours laboratory. (36 total hours per quarter.)
Not Repeatable.

Introduction to the fundamentals of yoga, including foundation principles and practices. Emphasis on the demonstration and practice of correct alignment, balance and connection for yoga poses (asanas), yogic locks, and pranayama (breathing techniques) for overall fitness and stress management.

21536	PHED-021-.02	LAB 12:00 PM-01:15 PM	MW		FLANNERY	2507
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◆ 21570	PHED-021-.08	LAB 08:30 AM-09:45 AM	MW		STEWART	MCPAV
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◆ 21538	PHED-021-.09	LAB 06:30 PM-07:45 PM	TTh		VANDERHEIDEN	MCPAV
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PHED 21D VINYASA FLOW YOGA 1 Unit

Advisory: This course is included in the Flexibility & Stability Family of activity courses.
3 hours laboratory. (36 total hours per quarter.)
Not Repeatable.

Vinyasa yoga is a form of traditional hatha yoga that focuses on integrating breath and movement, awareness and alignment, strength, and flexibility. Vinyasa uses series of sequences of advancing difficulty with repeated closing sections between each sequence. 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.

20510	PHED-021D-01	LAB 08:30 AM-09:45 AM	TTh		WHEELER	2504
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21568	PHED-021D-03	LAB 05:30 PM-06:45 PM	MW		STEWART	2507
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◆ 20312	PHED-021D-10	LAB 06:30 PM-07:45 PM	TTh		VANDERHEIDEN	MCPAV
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PHED 21E RESTORATIVE YOGA 1 Unit

Advisory: This course is included in the Flexibility & Stability Family of activity courses.
3 hours laboratory. (36 total hours per quarter.)
Not Repeatable.

Restorative (Yin) yoga is a relatively modern form of yoga that focuses on opening the connective tissue and fascia of the body in order to create balance, connection, alignment, strength and flexibility. Poses are held for extended periods of time with additional support and emphasis on allowing the body to release without force.

21534	PHED-021E-01	LAB 03:00 PM-04:15 PM	MW		STEWART	2507
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PHED 22 BEGINNING FULL-BODY FLEXIBILITY 1 Unit

Advisory: This course is included in the Flexibility & Stability Family of activity courses.
3 hours laboratory. (36 total hours per quarter.)
Not Repeatable.

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.

20811	PHED-022-.02	LAB 10:30 AM-11:45 AM	MW		MAC NEIL	2507
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Course Number CRN	Course ID	Title Activity	Units Time	Days	Instructor	Location
PHED 22B	PILATES & YOGA					1 Unit

Advisory: This course is included in the Flexibility & Stability Family of activity courses.
3 hours laboratory. (36 total hours per quarter.)
Not Repeatable.

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.

20315	PHED-022B-01	LAB 12:00 PM-01:15 PM	MW		SHEWFELT	2504
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21793	PHED-022B-02	LAB 10:00 AM-11:15 AM	TTh		WHEELER	2507
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21792	PHED-022B-03	LAB 05:00 PM-06:15 PM	TTh		HUNTER	2507
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PHED 22C CORE CONDITIONING 1 Unit

Advisory: This course is included in the Flexibility & Stability Family of activity courses.
3 hours laboratory. (36 total hours per quarter.)
Not Repeatable.

A combination Pilates and Yoga class designed to improve strength, body control, and coordination. Resistance and stability equipment will be incorporated with abdominal, low back, and full body exercises. Students must provide their own fitness mat.

21445	PHED-022C-01	LAB 01:30 PM-02:45 PM	MW		STEWART	2507
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21569	PHED-022C-02	LAB 05:30 PM-06:45 PM	MW		STEWART	2507
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PHED 22E FUNCTIONAL TRAINING FOR THE ENDURANCE ATHLETE 1 Unit

Advisory: This course is included in the Cardio Fitness Family of activity courses.
3 hours laboratory. (36 total hours per quarter.)
Not Repeatable.

Explore the concept of functional training as it applies to the endurance athlete. Learn, utilize and understand effective training strategies to promote improved performance by the student. Emphasis placed on the application of skills and improved fitness. The importance of proper nutrition to improve performance will also be included.

21788	PHED-022E-01	LAB 12:00 PM-01:15 PM	TTh		MAC NEIL	2506
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PHED 23A TRAIL HIKING 1 Unit

Advisory: This course is included in the Cardio Fitness Family of activity courses.
3 hours laboratory. (36 total hours per quarter.)
Not Repeatable.

This course will provide students the opportunity to exercise in the great outdoors to gain and improve cardiovascular fitness, muscular strength and endurance through hiking at a fitness pace on the trail.

◆ 21564	PHED-023A-01	LAB 12:30 PM-03:20 PM	T		HUNTER	MC J6
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PHED-023A-01: Class meets in MCJ6 on the first day of class. Students who miss the first class should contact the division office for class locations. Students are responsible for their own transportation.

◆ 20316	PHED-023A-02	LAB 01:00 PM-03:50 PM	F		MC CARTHY	MC J6
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PHED-023A-02: Class meets in MCJ6 on the first day of class. Students who miss the first class should contact the division office for class locations. Students are responsible for their own transportation.

PHED 23B DAY HIKING 1 Unit

Advisory: This course is included in the Cardio Fitness Family of activity courses.
3 hours laboratory. (36 total hours per quarter.)
Not Repeatable.

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

◆ 21510	PHED-023B-01	LAB 01:00 PM-03:30 PM	F		MC CARTHY	MC J6
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PHED 24 INTRODUCTION TO GOLF 1 Unit

Advisory: This course is included in the Individual Sports Family of activity courses

◆ = Middlefield Campus class

✓ = Online or Hybrid class

● = Off-Campus class

Evening classes are shaded.

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
● 20317 PHED-024.-01	LAB	10:00 AM-11:15 AM TTh	DURBIN	MFT
◆ 20319 PHED-024.-02	LAB	06:00 PM-07:15 PM TTh	STROUT	GOLF R
21790 PHED-024.-03	LAB	01:00 PM-03:50 PM F	DURBIN	GOLF R
20320 PHED-024.-04	LAB	09:00 AM-11:50 AM S	GUSTAFSON	GOLF R
20321 PHED-024.-05	LAB	12:00 PM-02:50 PM S	GUSTAFSON	GOLF R

PHED 24A SWING DEVELOPMENT FOR THE EXPERIENCED GOLFER 1 Unit

Advisory: This course is included in the Individual Sports Family of activity courses

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

Not Repeatable.

Development of golf skills for the intermediate/advanced player including grip, posture, alignment and swing fundamentals, selection of equipment, knowledge of rules, etiquette and course management.

● 21109 PHED-024A-01	LAB	10:00 AM-11:15 AM TTh	DURBIN	MFT
◆ 20322 PHED-024A-02	LAB	06:00 PM-07:15 PM TTh	STROUT	GOLF R
20323 PHED-024A-03	LAB	12:00 PM-02:50 PM S	GUSTAFSON	GOLF R

PHED 24B SKILLS OF GOLF COURSE PLAY 1 Unit

Advisory: Students are expected to have previously gained an understanding of and proficiency with basic golf swings for a variety of club types. No previous golf course experience is necessary; this course is included in the Individual Sports Family of activity courses.

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

Not Repeatable.

Introduction to beginning golf course play includes basic fundamentals of the golf swing, knowledge of rules and golf course etiquette as well as developing on course experience.

● 21561 PHED-024B-01	LAB	09:00 AM-10:15 AM MW	DURBIN	MFT
<i>PHED-024B-01: This skill development course takes place on the range and putting green. Students seeking to play full rounds of golf should enroll in PHED025B,C,OR D.</i>				

PHED 25A SWING ANALYSIS 1 Unit

Advisory: This course is included in the Individual Sports Family of activity courses.

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

Not Repeatable.

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

20326 PHED-025A-01	LAB	08:00 AM-10:50 AM W	SCATTINI	GOLF R
21082 PHED-025A-03	LAB	09:00 AM-11:50 AM S	GUSTAFSON	GOLF R

PHED 25B BEGINNING GOLF COURSE PLAY 2 Units

Advisory: Students are expected to have previously gained an understanding of and proficiency with basic golf swings for a variety of club types; no previous golf course experience is necessary; this course is included in the Individual Sports Family of activity courses.

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

Not Repeatable.

Students will play an 18-hole round of golf utilizing a variety of swing skills and clubs (ie woods, irons, wedge, putter). Both long and short game skills and strategies will be incorporated on the course. Students will learn to apply rules of golf and course etiquette during play.

● 21526 PHED-025B-01	LAB	11:30 AM-05:10 PM T	SCATTINI	MFT
● 21525 PHED-025B-02	LAB	11:30 AM-05:10 PM W	SCATTINI	MFT

PHED 26 BEGINNING TENNIS SKILLS 1 Unit

Advisory: This course is included in the Individual Sports Family of activity

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
20329 PHED-026.-01	LAB	10:00 AM-11:15 AM TTh	LINER	TCOURT
20332 PHED-026.-02	LAB	12:00 PM-01:15 PM MW	MACIAS	TCOURT

courses.

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

Not Repeatable.

Introduction to beginning tennis play including basic strokes, drills, rules and etiquette.

PHED 26A INTERMEDIATE TENNIS 1 Unit

Advisory: This course is included in the Individual Sports Family of activity courses.

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

Not Repeatable.

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

20334 PHED-026A-01	LAB	10:00 AM-11:15 AM TTh	LINER	TCOURT
20943 PHED-026A-02	LAB	12:00 PM-01:15 PM MW	MACIAS	TCOURT

PHED 26C BEGINNING DOUBLES TENNIS 1 Unit

Advisory: This course is included in the Individual Sports Family of activity courses.

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

Not Repeatable.

Introduction to doubles tennis play. Includes basic court position, skill drills, and offensive and defensive strategies.

21533 PHED-026C-01	LAB	09:30 AM-12:20 PM S	HICKEY	TCOURT
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PHED 27 WALK FOR HEALTH 1 Unit

Advisory: This course is included in the Cardio Fitness Family of activity courses; not open to students with credit in H P 16.

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

Not Repeatable.

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

20337 PHED-027.-01	LAB	12:00 PM-01:15 PM MW	MAC NEIL	TRACK
20666 PHED-027.-02	LAB	08:30 AM-09:45 AM TTh	MAC NEIL	TRACK

PHED 27A RUN FOR FITNESS 1 Unit

Advisory: This course is included in the Cardio Fitness Family of activity courses; not open to students with credit in H P 61.

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

Not Repeatable.

The student will gain an appreciation for all phases of running, improve cardiovascular fitness, increase flexibility, develop endurance, and gain an understanding of the physiologic responses of the body to running.

20338 PHED-027A-01	LAB	12:00 PM-01:15 PM MW	MAC NEIL	TRACK
20667 PHED-027A-02	LAB	08:30 AM-09:45 AM TTh	MAC NEIL	TRACK

PHED 31A FUTSAL-INDOOR SOCCER BEGINNING 1 Unit

Formerly: PHED 29

Advisory: This course is included in the Team Sports Family of activity courses; not open to students with credit in PHED 29.

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

Not Repeatable.

Indoor soccer class developing basic skills including passing, shooting, dribbling and heading. Includes game strategy, tactics, and laws of the game.

21514 PHED-031A-01	LAB	12:00 PM-01:15 PM MW	MARQUES	2601
◆ 21515 PHED-031A-02	LAB	08:00 PM-10:50 PM M	MARQUES	MCPAV

PHED 31B FUTSAL-INDOOR SOCCER INTERMEDIATE 1 Unit

Prerequisite: PHED 31A.

◆ = Middlefield Campus class

✓ = Online or Hybrid class

● = Off-Campus class

Evening classes are shaded.

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
Advisory: This course is included in the Team Sports Family of activity courses. 3 hours laboratory. (36 total hours per quarter.) Not Repeatable. Indoor soccer class developing intermediate skills including curve passing, chip shooting, dribbling and heading. Includes intermediate game strategy, tactics, and laws of the game.				
◆ 21516 PHED-031B-02	LAB	08:00 PM-10:50 PM M	MARQUES	MCPAV
PHED 36A BEGINNING ARCHERY				1 Unit
<i>Formerly: PHED 36</i> Advisory: This course is included in the Individual Sports Family of activity courses; not open to students with credit in PHED 36. 3 hours laboratory. (36 total hours per quarter.) Not Repeatable. Introduction to Olympic Archery using the recurve bow. Includes building a good basic foundation for shooting using the recurve bow through the utilization and practice of various skill development techniques.				
21429 PHED-036A-01	LAB	08:30 AM-09:45 AM MW	MACIAS	2501
21431 PHED-036A-02	LAB	06:00 PM-08:50 PM Th	MACIAS	2501
PHED 36B INTERMEDIATE ARCHERY				1 Unit
Prerequisite: PHED 36A, equivalency or instructor's permission. Advisory: This course is included in the Individual Sports Family of activity courses. 3 hours laboratory. (36 total hours per quarter.) Not Repeatable. This course builds on the basic archery course. More advanced skills will be developed through the in depth observation and understanding of the elements that produce consistency and competency in using the recurve bow. Also basic maintenance of equipment will be covered.				
21430 PHED-036B-01	LAB	10:00 AM-11:15 AM MW	MACIAS	2501
21432 PHED-036B-02	LAB	06:00 PM-08:50 PM Th	MACIAS	2501
PHED 37 BEGINNING BADMINTON: SINGLES & DOUBLES				1 Unit
Advisory: This course is included in the Individual Sports Family of activity courses. 3 hours laboratory. (36 total hours per quarter.) Not Repeatable. Strategy and competition for both singles and doubles in badminton play.				
20339 PHED-037-01	LAB	12:00 PM-01:15 PM MW	LINER	2501
20340 PHED-037-02	LAB	12:00 PM-01:15 PM TTh	LINER	2501
◆ 20341 PHED-037-03	LAB	08:00 PM-10:50 PM Th	BAUM	MCPAV
PHED 37A INTERMEDIATE BADMINTON: SINGLES & DOUBLES				1 Unit
Prerequisite: PHED 37. Advisory: This course is included in the Individual Sports Family of activity courses. 3 hours laboratory. (36 total hours per quarter.) Not Repeatable. This course focuses on the on the strategies of singles and doubles play. Includes serving long and short, forehand smashes, drop shots, angle play, and doubles formations				
◆ 21517 PHED-037A-01	LAB	08:00 PM-10:50 PM Th	BAUM	MCPAV
21799 PHED-037A-02	LAB	12:00 PM-01:15 PM MW	LINER	2501
21800 PHED-037A-03	LAB	12:00 PM-01:15 PM TTh	LINER	2501
PHED 38A BASKETBALL FUNDAMENTALS				1 Unit
Advisory: This course is included in the Team Sports Family of activity courses. 3 hours laboratory. (36 total hours per quarter.) Not Repeatable. An introduction to the fundamental skills and techniques of the sport of basketball through skill work and drills. Includes sprint drills, ball passing, plyometric and stretching exercises.				

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
21572 PHED-038A-01	LAB	08:30 AM-09:45 AM TTh	STAFF	2601
PHED 38B BASKETBALL GAME SKILLS				1 Unit
Advisory: This course is included in the Team Sports Family of activity courses. 3 hours laboratory. (36 total hours per quarter.) Not Repeatable. A continuation into the intermediate skills and techniques of the sport of basketball. Includes offensive and defensive foundations, unique situations in game play, personal strategies and core concepts for winning in basketball game play.				
21571 PHED-038B-01	LAB	06:00 PM-08:50 PM T	STAFF	2501
PHED 40 BEGINNING VOLLEYBALL				1 Unit
Advisory: This course is included in the Team Sports Family of activity courses. 3 hours laboratory. (36 total hours per quarter.) Not Repeatable. Introduction to the game of volleyball. Includes basic skills, strategy, and team play.				
◆ 21512 PHED-040-01	LAB	08:00 PM-10:50 PM T	STROUT	MCPAV
PHED 40A INTERMEDIATE VOLLEYBALL				1 Unit
Prerequisite: PHED 40. Advisory: This course is included in the Team Sports Family of activity courses. 3 hours laboratory. (36 total hours per quarter.) Not Repeatable. This course is designed to introduce and build upon prior knowledge of the intermediate game of volleyball. Students will learn strategies and skills that are intermediate level and promote the appreciation for this lifetime activity.				
◆ 21513 PHED-040A-01	LAB	08:00 PM-10:50 PM T	STROUT	MCPAV
PHED 41 INDOOR CYCLING-SPIN				1 Unit
Advisory: This course is included in the Cardio Fitness Family of activity courses. 3 hours laboratory. (36 total hours per quarter.) Not Repeatable. An indoor cycling program to enhance cardiovascular fitness and improve cycling techniques. Emphasis will be on improving endurance through non-impact activity.				
● 20345 PHED-041-01	LAB	06:00 AM-07:15 AM MW	CONSTANT	2506/SPIN
● 21110 PHED-041-02	LAB	10:00 AM-11:15 AM MW	FLANNERY	2506/SPIN
● 20344 PHED-041-03	LAB	10:00 AM-11:15 AM TTh	FLANNERY	2506/SPIN
● 20343 PHED-041-04	LAB	12:00 PM-01:15 PM MW	RIPP	2506/SPIN
PHED 41A CARDIO INTERVALS: HILLS & SPRINTS				1 Unit
Advisory: This course is included in the Cardio Fitness Family of activity courses. 3 hours laboratory. (36 total hours per quarter.) Not Repeatable. Cardio interval exercise set to appropriate cadence music on an indoor bicycle with periods of aerobic and anaerobic work mixed with appropriate recovery periods.				
● 20716 PHED-041A-01	LAB	06:00 AM-07:15 AM MW	CONSTANT	2506/SPIN
● 21111 PHED-041A-02	LAB	10:00 AM-11:15 AM MW	FLANNERY	2506/SPIN
● 21108 PHED-041A-03	LAB	10:00 AM-11:15 AM TTh	FLANNERY	2506/SPIN
● 20703 PHED-041A-04	LAB	12:00 PM-01:15 PM MW	RIPP	2506/SPIN
PHED 45 FITNESS FOR LIFE				1 Unit
Advisory: This course is included in the Strength Development Family of activity courses. 3 hours laboratory. (36 total hours per quarter.) Not Repeatable. The course is designed to increase muscle strength, endurance and cardiovascular fitness through self paced program of use on cardio, strength and fitness machines.				
21472 PHED-045-01	LAB TBA	TBA	LANG	2506
<i>PHED-045-01: Students may use the Fitness Center during any open hours:</i>				

◆ = Middlefield Campus class

✓ = Online or Hybrid class

● = Off-Campus class

Evening classes are shaded.

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
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MW: 8:00am-2:00pm and 4:15-7:00pm, TR: 6:30-11:00am and 4:00-7:00pm, F: 8:00am-12:00pm.

21473 PHED-045-02	LAB TBA	TBA	BISSELL	2506
21474 PHED-045-03	LAB TBA	TBA	LINER	2506
21476 PHED-045-04	LAB TBA	TBA	FLANNERY	2506
21478 PHED-045-05	LAB TBA	TBA	CRAIG	2506

PHED-045-05: Students in PHED45 can access the Fitness Center during any open hours: Mon. & Wed. 8 a.m.-2 p.m.; 4:15 p.m.-7 p.m., Tues. & Thurs. 6:30 a.m.-11 a.m., 4 p.m.-7 p.m., Fri. 8 a.m.-noon

21482 PHED-045-06	LAB TBA	TBA	EDWARDS	2506
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PHED-045-06: Students in PHED45 can access the Fitness Center during any open hours: Mon. & Wed. 8 a.m.-2 p.m.; 4:15 p.m.-7 p.m., Tues. & Thurs. 6:30 a.m.-11 a.m., 4 p.m.-7 p.m., Fri. 8 a.m.-noon

21483 PHED-045-07	LAB TBA	TBA	DOMINGUEZ	2506
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PHED-045-07: Students in PHED45 can access the Fitness Center during any open hours: Mon. & Wed. 8 a.m.-2 p.m.; 4:15 p.m.-7 p.m., Tues. & Thurs. 6:30 a.m.-11 a.m., 4 p.m.-7 p.m., Fri. 8 a.m.-noon

21485 PHED-045-08	LAB TBA	TBA	DOMINGUEZ	2506
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PHED-045-08: Students in PHED45 can access the Fitness Center during any open hours: Mon. & Wed. 8 a.m.-2 p.m.; 4:15 p.m.-7 p.m., Tues. & Thurs. 6:30 a.m.-11 a.m., 4 p.m.-7 p.m., Fri. 8 a.m.-noon

21486 PHED-045-09	LAB TBA	TBA	DOMINGUEZ	2506
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PHED-045-09: Students in PHED45 can access the Fitness Center during any open hours: Mon. & Wed. 8 a.m.-2 p.m.; 4:15 p.m.-7 p.m., Tues. & Thurs. 6:30 a.m.-11 a.m., 4 p.m.-7 p.m., Fri. 8 a.m.-noon

21487 PHED-045-10	LAB TBA	TBA	O'LOUGHLIN	2506
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PHED-045-10: Students in PHED45 can access the Fitness Center during any open hours: Mon. & Wed. 8 a.m.-2 p.m.; 4:15 p.m.-7 p.m., Tues. & Thurs. 6:30 a.m.-11 a.m., 4 p.m.-7 p.m., Fri. 8 a.m.-noon

PHED 45A FOUNDATIONS OF STRENGTH & CONDITIONING 1 Unit

Advisory: This course is included in the Strength Development Family of activity courses.

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

Not Repeatable.

This course will provide students with an exercise program designed to develop the key components of health related physical fitness: cardiovascular/respiratory conditioning, muscular strength, muscular endurance, flexibility, and body composition.

21426 PHED-045A-01	LAB 07:00 PM-08:15 PM TTh	O'LOUGHLIN	2506
◆ 21562 PHED-045A-09	LAB 07:00 AM-08:15 AM MW	HERRERA	MCWT
◆ 21421 PHED-045A-10	LAB 08:30 AM-09:45 AM TTh	O'LOUGHLIN	MCWT
◆ 21428 PHED-045A-11	LAB 10:15 AM-11:30 AM TTh	MAC NEIL	MCWT
◆ 21511 PHED-045A-12	LAB 05:30 PM-06:45 PM MW	STROUT	MCWT

PHED 46 WEIGHT LIFTING FOR HEALTH & FITNESS 1 Unit

Advisory: This course is included in the Strength Development Family of activity courses.

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

Not Repeatable.

This course will provide training and instruction on the use of weights for lifetime fitness and health.

20663 PHED-046-03	LAB 09:30 AM-10:45 AM MW	DOMINGUEZ	2905
21114 PHED-046-04	LAB 12:00 PM-12:50 PM MWF	STAFF	2905
◆ 21563 PHED-046-08	LAB 07:00 AM-08:15 AM MW	HERRERA	MCWT
◆ 21415 PHED-046-10	LAB 08:30 AM-09:20 AM MWF	O'LOUGHLIN	MCWT
◆ 21417 PHED-046-11	LAB 10:00 AM-10:50 AM MWF	O'LOUGHLIN	MCWT
◆ 21419 PHED-046-12	LAB 11:30 AM-12:20 PM MWF	O'LOUGHLIN	MCWT
◆ 20362 PHED-046-13	LAB 05:30 PM-06:45 PM MW	STROUT	MCWT

PHED 47B THIGHS, ABS & GLUTEUS (TAG) 1 Unit

Advisory: This course is included in the Cross Training Family of activity courses.

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

Not Repeatable.

This course is designed to strengthen thigh, abdominal and gluteus muscles in an intensive, fun and highly energized workout.

20715 PHED-047B-01	LAB 06:00 AM-07:15 AM TTh	HERRERA	2601	
21444 PHED-047B-02	LAB 07:00 AM-08:15 AM TTh	MAC NEIL	2501	
20623 PHED-047B-03	LAB 10:00 AM-11:15 AM MW	EDWARDS	2601	
20363 PHED-047B-04	LAB 12:00 PM-01:15 PM TTh	EDWARDS	2601	
21523 PHED-047B-05	LAB 12:00 PM-01:15 PM MW	BISSELL	TBA	
PHED-047B-05: Class meets outside room 2601 (main gym).				

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
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PHED 47C HIGH INTENSITY INTERVAL TRAINING (HIIT) 1 Unit

Advisory: This course is included in the Cross Training Family of activity courses.

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

Not Repeatable.

An intense total body workout designed to improve endurance and strengthen and define every muscle in every way using high intensity intervals. This type of training is effective way to train which takes your fitness to the next level. Students must provide their own fitness mat.

21435 PHED-047C-03	LAB 07:00 AM-08:15 AM TTh	MAC NEIL	2501
21436 PHED-047C-04	LAB 10:00 AM-11:15 AM TTh	EDWARDS	2601
21443 PHED-047C-10	LAB 12:00 PM-01:15 PM MW	BISSELL	TBA

PHED 49A SURVIVOR TRAINING 1 Unit

Advisory: This course is included in the Cross Training Family of activity courses.

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

Not Repeatable.

Designed for average group exercise participant, the class uses sports fitness drills and functional training to develop footwork, anaerobic and aerobic conditioning, muscular strength and power.

20366 PHED-049A-01	LAB 06:00 AM-07:15 AM TTh	HERRERA	2601
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PHED 49B BOOT CAMP TRAINING 1 Unit

Advisory: This course is included in the Cross Training Family of activity courses.

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

Not Repeatable.

This course is designed for students who want a program in which group training uses functional fitness activities to develop core strength, cardiovascular conditioning and muscle strength and power.

21446 PHED-049B-02	LAB 10:00 AM-11:15 AM MW	EDWARDS	2601	
PHED-049B-02: This class is a full body strength and cardio workout using various exercise equipment and weights.				
◆ 20939 PHED-049B-03	LAB 05:00 PM-06:15 PM MW	MAC NEIL	MCPAV	

PHILOSOPHY

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

PHIL 4 INTRODUCTION TO PHILOSOPHY 4 Units

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

Not Repeatable.

Introductory survey of basic principles and concerns of philosophy. Primarily examines major topics in the study of metaphysics and epistemology. Related topics of concern to include ethics, theology and political philosophy.

20368 PHIL-004-01	LEC 10:00 AM-11:50 AM TTh	STAFF	4302
20369 PHIL-004-02	LEC 10:00 AM-11:50 AM MW	CHANG	3304

PHIL 8 ETHICS 5 Units

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

Not Repeatable.

Analysis and application of competing conceptions of the good. Course focuses on ethical theory (utilitarianism, duty-oriented ethics, virtue ethics, egoism, relativism etc.) and various topics in applied ethics.

21689 PHIL-008-01	LEC 01:00 PM-03:15 PM MW	CHANG	3304
◆ 20532 PHIL-008-02	LEC 06:00 PM-08:15 PM MW	PETERSON	MC C4
✓ 21837 PHIL-008-03Y	LEC 12:00 PM-01:50 PM TTh	HOEKENGA	3106
	LEC TBA	TBA	HOEKENGA ONLINE

PHIL-008-03Y: Hybrid class: one weekly TBA hour via online instruction.

PHIL 25 COMPARATIVE WORLD RELIGIONS: WEST 4 Units

◆ = Middlefield Campus class

✓ = Online or Hybrid class

● = Off-Campus class

Evening classes are shaded.

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

✓ 20473 PHIL-025-.01W LEC TBA TBA PROVOST ONLINE
PHIL-025-.01W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.

✓ 20371 PHIL-025-.02W LEC TBA TBA PROVOST ONLINE
PHIL-025-.02W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.

PHIL 30 INTRODUCTION TO CRITICAL THINKING 4 Units

Formerly: PHIL 50

Advisory: Eligibility for ENGL 1A or ESLL 26; not open to students with credit in PHIL 50.

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.

20836 PHIL-030-.01 LEC 08:00 AM-09:50 AM TTh PETERSON 3401

PHOTOGRAPHY

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

PHOT 1 BLACK & WHITE PHOTOGRAPHY I 4 Units

Advisory: This course is included in the Analog Photography Family of activity courses.

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 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 sensitometric control, film processing, printing, and use of natural light for personal expression and communication. Introduction to electronic imaging processes.

20372 PHOT-001-.01 LEC 09:00 AM-10:50 AM W LEE 6107
L-L 09:00 AM-11:50 AM M LEE 6104
LAB 11:00 AM-12:15 PM W LEE 6104

20373 PHOT-001-.02 LEC 01:00 PM-02:50 PM M QUINN 6107
L-L 01:00 PM-03:50 PM W QUINN 6104
LAB 03:00 PM-04:15 PM M QUINN 6104

PHOT 2 BLACK & WHITE PHOTOGRAPHY II 4 Units

Prerequisite: PHOT 1 or equivalent.

Advisory: This course is included in the Analog Photography Family of activity courses.

2 hours lecture, 3 hours lecture-laboratory, 1.5 hours laboratory. (78 total hours per quarter.)

Not Repeatable.

Emphasis on control of available light through use of tripods and push-processing; use of electronic flash and studio lights; attributes of various films and appropriate chemistry for each; graded papers; larger format cameras, introduction to sensitometry; specialized

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
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developing and printing techniques, enhancing personal photographic expression; digital manipulation of the photographic image.

20374 PHOT-002-.01 LEC 03:00 PM-09:50 PM W QUINN 6107
L-L 06:30 PM-07:45 PM M QUINN 6104
LAB 08:00 PM-09:50 PM M QUINN 6104

PHOT 3 BLACK & WHITE PHOTOGRAPHY III 4 Units

Formerly: PHOT 50

Prerequisite: PHOT 2.

Advisory: This course is included in the Analog Photography Family of activity courses; not open to students with credit in PHOT 50.

2 hours lecture, 3 hours lecture-laboratory, 1.5 hours laboratory. (78 total hours per quarter.)

Not Repeatable.

Exploration of photographic seeing through the use of advanced processing and printing techniques; introduction to the Zone System and film calibration; creating special effects; high contrast and infrared films; integration of aesthetics and technique, emphasis on development of a personal style.

21484 PHOT-003-.01 LEC 08:00 PM-09:50 PM M QUINN 6104
L-L 07:00 PM-09:50 PM W QUINN 6107
LAB 06:30 PM-07:45 PM M QUINN 6104

PHOT 4A DIGITAL PHOTOGRAPHY I 4 Units

Formerly: PHOT 65A

Advisory: PHOT 1, 5 or equivalent; this course is included in the Digital Photography Family of activity courses; not open to students with credit in PHOT 65A.

2 hours lecture, 3 hours lecture-laboratory, 1.5 hours laboratory. (78 total hours per quarter.)

Not Repeatable.

Introduction to the tools for expressive communication in digital photography using Adobe Photoshop and Adobe Photoshop Lightroom. Development of skills in image capture, enhancement, printing, and web publishing, for both fine art and commercial applications.

20913 PHOT-004A-01Y LEC 10:00 AM-12:50 PM M HERMAN 1211
LEC 10:00 AM-11:50 AM W HERMAN 1801
LAB TBA TBA HERMAN ONLINE

✓ PHOT-004A-01Y: Hybrid class. 1.5 additional weekly TBA hours via online instruction.

20914 PHOT-004A-02Y LEC 07:00 PM-08:50 PM M LOUDEN 4002
L-L 07:00 PM-09:50 PM W LOUDEN 4002
LAB TBA TBA LOUDEN ONLINE

✓ PHOT-004A-02Y: Hybrid class. 1.5 additional weekly TBA hours via online instruction.

✓ 20915 PHOT-004A-03W LEC TBA TBA HERMAN ONLINE
LAB TBA TBA HERMAN ONLINE
LEC TBA TBA HERMAN ONLINE

✓ PHOT-004A-03W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.

PHOT 5 INTRODUCTION TO PHOTOGRAPHY 4 Units

3 hours lecture, 2 hours lecture-laboratory. (60 total hours per quarter.)

Not Repeatable.

A survey of the historical and practical aspects of photography as an art form. Students will be introduced to the use of light, composition and communication through images. Significant photographers from a diversity of backgrounds will inspire students in the practice of photography and developing an appreciation of the varied uses of the photographic image in our culture.

20375 PHOT-005-.01Y LEC 10:00 AM-12:50 PM T JORDAHL 6107
LAB TBA TBA JORDAHL ONLINE

✓ PHOT-005-.01Y: Hybrid class. 2 weekly TBA hours via online instruction.

20376 PHOT-005-.02Y LEC 07:00 PM-09:50 PM T JORDAHL 1801
LAB TBA TBA JORDAHL ONLINE
20377 PHOT-005-.03W LEC TBA TBA JORDAHL ONLINE
LAB TBA TBA JORDAHL ONLINE

✓ PHOT-005.03W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.

✓ 20911 PHOT-005-.04W LEC TBA TBA LEE ONLINE

◆ = Middlefield Campus class

✓ = Online or Hybrid class

● = Off-Campus class

Evening classes are shaded.

Course Number CRN	Title Course ID	Units Activity	Time Days	Instructor	Location
✓	LAB TBA	TBA	LEE	ONLINE	
PHOT-005.04W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.					

Course Number CRN	Title Course ID	Units Activity	Time Days	Instructor	Location
✓	LAB TBA	TBA	LEE	ONLINE	
PHOT-074.-01Y: Hybrid class. 1.5 weekly TBA hours via online instruction.					

PHOT 8 PHOTOGRAPHY OF MULTICULTURAL AMERICA 4 Units

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

4 hours lecture, 2 hours laboratory. (72 total hours per quarter.)

Not Repeatable.

Examination of photography's role in shaping ideas about race, class, gender, sexuality and national identity in America. Critical analysis of images from a wide range of genres including: commercial photography, portraiture, social documentary, photojournalism, ethnographic and scientific photography, erotica, and fine-art photography are discussed within their historical and social context.

✓	20378	PHOT-008.-01W	LEC TBA	TBA	HERMAN	ONLINE
✓			LAB TBA	TBA	HERMAN	ONLINE

PHOT-008.01W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin. UC and CSU transferable. Approved for CSU GE and UC/CSU IGETC (Arts & Humanities or Social Science), Foothill GE (Humanities and American Cultures), UC and USC American Cultures/Diversity Requirements, UC Berkeley's American Cultures requirement.

✓	20523	PHOT-008.-02Y	LEC 01:30 PM-03:20 PM	MW	HERMAN	4002
✓			LAB TBA	TBA	HERMAN	ONLINE

PHOT-008.-02Y: Hybrid class. 2 weekly TBA hours via online instruction. Approved for CSU GE and UC/CSU IGETC (Arts & Humanities or Social Science), Foothill GE (Humanities and American Cultures), UC and USC American Cultures/Diversity Requirements, UC Berkeley's American Cultures requirement.

✓	20588	PHOT-008.-03W	LEC TBA	TBA	HERMAN	ONLINE
✓			LAB TBA	TBA	HERMAN	ONLINE

PHOT-008.-03W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin. Approved for CSU GE and UC/CSU IGETC (Arts & Humanities or Social Science), Foothill GE (Humanities and American Cultures), UC and USC American Cultures/Diversity Requirements, UC Berkeley's American Cultures requirement.

PHOT 8H HONORS PHOTOGRAPHY OF MULTICULTURAL AMERICA 4 Units

Prerequisite: Honors Institute participant.

Advisory: Not open to students with credit in PHOT 8.

4 hours lecture, 2 hours laboratory. (72 total hours per quarter.)

Not Repeatable.

Examination of photography's role in shaping ideas about race, class, gender, sexuality and national identity in America. Critical analysis of images from a wide range of genres including: commercial photography, portraiture, social documentary, photojournalism, ethnographic and scientific photography, erotica, and fine-art photography are discussed within their historical and social context.

The honors course offers an enriched and challenging experience for the more talented student, including deeper content, more rigorous grading, and more demanding and creative assignments requiring application of higher-level thinking, writing, and communication skills.

✓	20379	PHOT-008H-01H	LEC 01:30 PM-03:20 PM	MW	HERMAN	4002
✓			LAB TBA	TBA	HERMAN	ONLINE

PHOT-008H-01H: Hybrid class. 2 weekly TBA hours via online instruction. UC and CSU transferable. Approved for CSU GE and UC/CSU IGETC (Arts & Humanities or Social Science), Foothill GE (Humanities and American Cultures), UC and USC American Cultures/Diversity Requirements, UC Berkeley's American Cultures requirement.

PHOT 74 STUDIO PHOTOGRAPHY TECHNIQUES 4 Units

Advisory: PHOT 2, 4A and 72; this course is included in the Photography-Professional Practices Family of activity courses.

2 hours lecture, 3 hours lecture-laboratory, 1.5 hours laboratory. (78 total hours per quarter.)

Not Repeatable.

Introduction and overview to large format (view camera), digital medium format cameras, and studio lighting; exploration of photographic practices in a studio environment; emphasis on developing effective skills and techniques necessary to begin a career in studio photography.

20916	PHOT-074.-01Y	LAB 05:00 PM-07:50 PM	Th	LEE	6103
		LEC 08:00 PM-09:50 PM	Th	LEE	6107

PHOT 78D MUSEUM/GALLERY FIELD STUDY IN PHOTOGRAPHY 1 Unit

Advisory: PHOT 1 or 5; this course is included in the Photography-Professional Practices Family of activity courses.

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

Not Repeatable.

Investigation of a specific aspect or topic of photography through discussion and demonstration by the instructor(s) in the field.

✓	21668	PHOT-078D-01W	LAB TBA	TBA	LEE	ONLINE
PHOT-078D-01: Visit http://www.foothill.edu/photo/photo68-78 for details on this class.						

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.

PHT 50 ORIENTATION TO PHARMACY TECHNOLOGY 3 Units

Prerequisite: Admission to Pharmacy Technology Program.

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. Intended for students in the Pharmacy Technology Program.

◆	20380	PHT -050.-01	LEC 08:00 AM-10:50 AM	M	ALVAREZ	MC J5
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PHT 51 BASIC PHARMACEUTICS 4 Units

Prerequisite: Admission to the Pharmacy Technology Program.

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. Intended for students in the Pharmacy Technology Program.

◆	20381	PHT -051.-01	LEC 09:30 AM-01:20 PM	W	SIMON	MC J5
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PHT 52A INPATIENT DISPENSING 3 Units

Prerequisite: Admission to Pharmacy Technology Program.

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. Intended for students in the Pharmacy Technology Program.

◆	20382	PHT -052A-01	LEC 08:00 AM-09:50 AM	F	ALVAREZ	MC J5
		LAB 11:00 AM-01:50 PM	F	SU	MC J5	

PHT 53 AMBULATORY PHARMACY PRACTICE 4 Units

Prerequisite: Admission to the Pharmacy Technology Program.

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. Intended for students in the Pharmacy Technology Program.

◆	20383	PHT -053.-01	LEC 08:00 AM-10:50 AM	Th	ALVAREZ	MC J5
		LAB 12:00 PM-02:50 PM	Th	ALVAREZ	MC J5	

◆ = Middlefield Campus class

✓ = Online or Hybrid class

● = Off-Campus class

Evening classes are shaded.

Course Number CRN	Course ID	Title Activity	Units Time Days	Instructor	Location
PHT 54A		DOSAGE CALCULATIONS A	3 Units		
Prerequisite: Admission to Pharmacy Technology Program. 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. Intended for students in the Pharmacy Technology Program.					
◆ 20384	PHT -054A-01	LEC 08:00 AM-10:50 AM T	SU		MC J5
PHT 55A		PHARMACOLOGY A	3 Units		
Prerequisite: PHT 50. 3 hours lecture. (36 total hours per quarter.) Not Repeatable. An introduction to the general principals of pharmacology and pharmacokinetics with a focus on the anatomy, physiology and application of pharmacological principles pertaining to the peripheral and central nervous 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.					
◆ 21494	PHT -055A-01	LEC 11:30 AM-12:45 PM T LEC 08:00 AM-09:15 AM W	T W	MOHILE TBA	MC J5 MC J5

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.

20385	PHYS-002A-01	LEC 01:00 PM-02:50 PM MW L-L 03:00 PM-03:50 PM M LAB 04:00 PM-05:50 PM M	WANG WANG WANG	5502 4718 4718
<i>PHYS-002A-01: Additional costs for online materials or content in place of or in addition to a textbook may be required.</i>				
20563	PHYS-002A-02	LEC 01:00 PM-02:50 PM MW L-L 03:00 PM-03:50 PM W LAB 04:00 PM-05:50 PM W	WANG WANG WANG	5502 4718 4718
<i>PHYS-002A-02: Additional costs for online materials or content in place of or in addition to a textbook may be required.</i>				
20386	PHYS-002A-03	LEC 01:00 PM-02:50 PM TTh L-L 03:00 PM-03:50 PM T LAB 04:00 PM-04:50 PM T	CASCARANO STAFF STAFF	5501 4718 4718
<i>PHYS-002A-03: Additional costs for online materials or content in place of or in addition to a textbook may be required.</i>				
20564	PHYS-002A-04	LEC 01:00 PM-02:50 PM TTh L-L 03:00 PM-03:50 PM Th LAB 04:00 PM-05:50 PM Th	CASCARANO STAFF STAFF	5501 4718 4718
<i>PHYS-002A-04: Additional costs for online materials or content in place of or in addition to a textbook may be required.</i>				
21039	PHYS-002A-05	LEC 05:30 PM-07:20 PM MW L-L 07:30 PM-08:20 PM M LAB 08:30 PM-10:20 PM M	STAFF TBA TBA	4501 4718 4718
21040	PHYS-002A-06	LEC 05:30 PM-07:20 PM MW L-L 07:30 PM-08:20 PM W LAB 08:30 PM-10:20 PM W	STAFF STAFF STAFF	4501 4718 4718

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.

20708	PHYS-002B-01	LEC 05:30 PM-07:20 PM TTh L-L 08:00 PM-08:50 PM T LAB 09:00 PM-10:50 PM T	STAFF STAFF STAFF	4603 4716 4716
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PHYS-002B-01: Additional costs for online materials or content in place of or in addition to a textbook may be required.

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

20387	PHYS-004A-01	LEC 10:00 AM-11:50 AM TTh LEC 11:00 AM-11:50 AM F L-L 12:00 PM-12:50 PM T LAB 01:00 PM-02:50 PM T	MARASCO MARASCO MARASCO MARASCO	4502 4502 4718 4718
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PHYS-004A-01: Additional costs for online materials or content in place of or in addition to a textbook may be required.

21041	PHYS-004A-02	LEC 10:00 AM-11:50 AM TTh LEC 11:00 AM-11:50 AM F L-L 12:00 PM-12:50 PM Th LAB 01:00 PM-02:50 PM Th	MARASCO MARASCO MARASCO MARASCO	4502 4502 4718 4718
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PHYS-004A-02: Additional costs for online materials or content in place of or in addition to a textbook may be required.

20388	PHYS-004A-03	LEC 05:30 PM-07:20 PM TTh L-L 07:30 PM-08:20 PM T LAB 08:30 PM-10:20 PM T	STAFF STAFF STAFF	4201 4718 4718
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PHYS-004A-03: Additional costs for online materials or content in place of or in addition to a textbook may be required.

20565	PHYS-004A-04	LEC 05:30 PM-07:20 PM TTh L-L 07:30 PM-08:20 PM Th LAB 08:30 PM-10:20 PM Th	STAFF STAFF STAFF	4201 4718 4718
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PHYS-004A-04: 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
Prerequisite: PHYS 4A.
Corequisite: Completion of or concurrent enrollment in MATH 1C.
5 hours lecture, 1 hour lecture-laboratory, 2 hours laboratory. (96 total hours per quarter.)
Not Repeatable.
 Classical electricity and magnetism.

20389	PHYS-004B-01	LEC 12:00 PM-02:15 PM MW L-L 02:30 PM-03:20 PM M LAB 03:30 PM-05:20 PM M	MARASCO STAFF STAFF	4301 4716 4716
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PHYS-004B-01: Additional costs for online materials or content in place of or in addition to a textbook may be required.

20566	PHYS-004B-02	LEC 12:00 PM-02:15 PM MW L-L 02:30 PM-03:20 PM W LAB 03:30 PM-05:20 PM W	MARASCO STAFF STAFF	4301 4716 4716
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PHYS-004B-02: Additional costs for online materials or content in place of or in addition to a textbook may be required.

PHYS 4C GENERAL PHYSICS (CALCULUS) 6 Units
Prerequisites: PHYS 4B or 5A, 5B and 5C.
Corequisite: Completion of or concurrent enrollment in MATH 1D.
5 hours lecture, 1 hour lecture-laboratory, 2 hours laboratory. (96 total hours per quarter.)
Not Repeatable.
 Thermodynamics; mechanical, acoustical, and electromagnetic waves; optics.

20390	PHYS-004C-01	LEC 10:00 AM-11:50 AM TTh L-L 11:00 AM-11:50 AM F LEC 12:30 PM-01:20 PM F	WANG WANG WANG	4201 4201 4718
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◆ = Middlefield Campus class

✓ = Online or Hybrid class

● = Off-Campus class

Evening classes are shaded.

Course Number CRN	Course ID	Title Activity	Units Time	Days	Instructor	Location
		LAB	01:30 PM-03:20 PM	F	WANG	4718

PHYS-004C-01: Additional costs for online materials or content in place of or in addition to a textbook may be required.

Course Number CRN	Course ID	Title Activity	Units Time	Days	Instructor	Location	
✓		LEC TBA		TBA	WOOLCOCK	ONLINE	
		POLI-001-.08Y: Hybrid class: one weekly TBA hour via online instruction.					
20640	POLI-001-.09Y	LEC	10:00 AM-11:50 AM	TTh	ARMITAGE	3308	
✓		LEC TBA		TBA	ARMITAGE	ONLINE	
		POLI-001-.09Y: Hybrid class: one weekly TBA hour via online instruction.					
✓	20641	POLI-001-.10W	LEC TBA		TBA	ARMITAGE	ONLINE
		POLI-001-.10W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/tga/ for information on how to begin.					
	20834	POLI-001-.11Y	LEC	12:00 PM-01:50 PM	MW	CALLOW	3301
✓		LEC TBA		TBA	CALLOW	ONLINE	
		POLI-001-.11Y: Hybrid class: one weekly TBA hour via online instruction.					

PHYS 5A GENERAL PHYSICS (CALCULUS) EXTENDED 5 Units

Prerequisite: MATH 1A.
Corequisite: Completion of or concurrent enrollment in MATH 1B.
 4 hours lecture, 1 hour lecture-laboratory, 2 hours laboratory. (84 total hours per quarter.)
Not Repeatable.
 Mathematics-physics interrelationships, classical Newtonian mechanics. PHYS 5A+5B+5C is designed to provide the same content as PHYS 4A+4B, at a slower pace.

21798	PHYS-005A-01	LEC	10:00 AM-11:50 AM	MW	CASCARANO	4604
		L-L	12:00 PM-12:50 PM	M	CASCARANO	4718
		LAB	01:00 PM-02:50 PM	M	CASCARANO	4718

PHYS 2AM GENERAL PHYSICS - CALCULUS SUPPLEMENT 1 Unit

Prerequisite: MATH 1A
Corequisite: Completion of or concurrent enrollment in MATH 1B and PHYS 2A.
 1 hour lecture. (12 total hours per quarter.)
Not Repeatable.
 Application of calculus to physics topics and problems in mechanics.

21230	PHYS-02AM-01	LEC	02:30 PM-03:20 PM	W	MARASCO	4213
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POLITICAL SCIENCE

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

POLI 1 POLITICAL SCIENCE: INTRODUCTION TO AMERICAN GOVERNMENT & POLITICS 5 Units

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

✓	20391	POLI-001-.01W	LEC TBA		TBA	WOOLCOCK	ONLINE
		POLI-001-.01W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/tga/ for information on how to begin.					
	20517	POLI-001-.02Y	LEC	10:00 AM-11:50 AM	TTh	CALLOW	5940
✓			LEC TBA		TBA	CALLOW	ONLINE
		POLI-001-.02Y: Hybrid class: one weekly TBA hour via online instruction.					
✓	20474	POLI-001-.03W	LEC TBA		TBA	WOOLCOCK	ONLINE
		POLI-001-.03W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/tga/ for information on how to begin.					
	20392	POLI-001-.04Y	LEC	10:00 AM-11:50 AM	MW	HICKMAN	3402
✓			LEC TBA		TBA	HICKMAN	ONLINE
		POLI-001-.04Y: Hybrid class: one weekly TBA hour via online instruction.					
	20475	POLI-001-.05	LEC	08:00 AM-09:50 AM	MW	HICKMAN	3301
			LEC	08:00 AM-08:50 AM	F	HICKMAN	3301
✓	20393	POLI-001-.06W	LEC TBA		TBA	HEISER	ONLINE
		POLI-001-.06W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/tga/ for information on how to begin.					
✓	20394	POLI-001-.07W	LEC TBA		TBA	HEISER	ONLINE
		POLI-001-.07W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/tga/ for information on how to begin.					
	21670	POLI-001-.08Y	LEC	08:00 AM-09:50 AM	TTh	WOOLCOCK	3203

POLI 2 COMPARATIVE GOVERNMENT & POLITICS 4 Units
Advisory: Eligibility for ENGL 1A or ESLL 26; not open to students with credit in POLI 2H.

4 hours lecture. (48 total hours per quarter.)
Not Repeatable.
 Introductory analysis of comparative governmental systems and politics emphasizing a variety of political forms, theory of political differentiation and development, and patterns, processes and regularities among political systems in developing and developed world.

20518	POLI-002-.01Q	LEC	12:00 PM-01:50 PM	TTh	WOOLCOCK	3301
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POLI 2H HONORS COMPARATIVE GOVERNMENT & POLITICS 4 Units

Prerequisites: Eligibility for ENGL 1A or ESLL 26; Honors Institute participant.
Advisory: Not open to students with credit in POLI 2.
 4 hours lecture. (48 total hours per quarter.)
Not Repeatable.
 Introductory analysis of comparative governmental systems and politics emphasizing a variety of political forms, theory of political differentiation and development, and patterns, processes and regularities among political systems in developing and developed world. As an honors course, it is a full seminar with advanced teaching methods focusing on major writing, reading, and research assignments, student class presentations, group discussions and interactions.

20395	POLI-002H-01H	LEC	12:00 PM-01:50 PM	TTh	WOOLCOCK	3301
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POLI 9 POLITICAL ECONOMY 4 Units
Advisory: Not open to students with credit in ECON 9, 9H or POLI 9H.

4 hours lecture. (48 total hours per quarter.)
Not Repeatable.
 Analysis of the contending theoretical formulations of International Political Economy (IPE) emphasizing the interconnection between economics and politics in the broad context of a global economy and the formulation of national public policy. Economic and political Policy issues of current national and international significance are emphasized.

21693	POLI-009-.01Q	LEC	10:00 AM-11:50 AM	TTh	WOOLCOCK	3301
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POLI 9H HONORS POLITICAL ECONOMY 4 Units
Prerequisite: Honors Institute participant.

Advisory: Eligibility for ENGL 1A or ESLL 26; not open to students with credit in ECON 9, 9H or POLI 9,
 4 hours lecture. (48 total hours per quarter.)
Not Repeatable.
 Analysis of the contending theoretical formulations of International Political Economy (IPE) emphasizing the interconnection between economics and politics in the broad context of a global economy and the formulation of national public policy. Economic and political Policy issues of current national and international significance are emphasized.

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.
 21836 POLI-009H-01H LEC 10:00 AM-11:50 AM TTh WOOLCOCK 3301

◆ = Middlefield Campus class

✓ = Online or Hybrid class

● = Off-Campus class

Evening classes are shaded.

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
POLI 15	INTERNATIONAL RELATIONS/ WORLD POLITICS	4 Units		
<p>Advisory: Eligibility for ENGL 1A or ESLL 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.</p>				
20657 POLI-015.-01	LEC	10:00 AM-11:50 AM MW	HEISER	3401

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
PSE 43	CLASS PRACTICES: HIGH SCHOOL SCIENCE	2 Units		
<p>Prerequisites: Must participate in an interview session; satisfactory score on the mathematics placement test or MATH 105 or 108; college level chemistry, physics or biology course; approval by the instructor; will require a current TB test, finger printing, and background investigation. Advisory: ENGL 209 or ESLL 25; Pass/No Pass. 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 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.</p>				
21229 PSE -043.-01	LEC LAB TBA	02:30 PM-03:45 PM Th	RAO RAO	4813 TBA

PHYSICAL SCIENCES & ENGINEERING

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

PSE 41	CLASS PRACTICES: MIDDLE SCHOOL SCIENCE	2 Units		
<p>Prerequisites: Satisfactory score on the mathematics placement test or MATH 105 or 108; college level chemistry, physics or biology course; approval by the instructor; participation in an interview session; will require a current TB test, finger printing, and background investigation. Advisory: ENGL 209 or ESLL 25; Pass/No Pass; not open to students with credit in CHEM 41. 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 middle school education and the teaching and learning of science in middle school classrooms. Students are placed in local middle school classrooms to observe, participate, and assist a mentor teacher in instruction. Students also participate in a weekly seminar where relevant topics in education are discussed. Foothill students are expected to work a minimum of 18 hours (2 hrs/week x 9 weeks; will be adjusted for middle school calendar as required) in the middle 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.</p>				
21227 PSE -041.-01	LEC LAB TBA	02:30 PM-03:45 PM Th	RAO RAO	4813 TBA

PSE 42	CLASS PRACTICES: ELEMENTARY SCHOOL SCIENCE	2 Units		
<p>Prerequisites: PSE 41; Satisfactory score on the mathematics placement test or MATH 105 or 108; college level chemistry, physics or biology course; approval by the instructor; participation in an interview session; will require a current TB test, finger printing, and background investigation. Advisory: ENGL 209 or ESLL 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 a weekly seminar where relevant topics in education are discussed. Foothill students are expected to work a minimum of 18 hours (2 hrs/week x 9 weeks; will be adjusted for elementary school 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.</p>				
21228 PSE -042.-01	LEC LAB TBA	02:30 PM-03:45 PM Th	RAO RAO	4813 TBA

PSE 111A	PASS THE TORCH TEAM LEADER TRAINING I	1 Unit		
<p>Prerequisites: An earned A or B+ grade with instructor recommendation in one of the following: MATH 220, 105, 48A, 48B, 48C, 10, 1A, 1B, 1C, 1D, 2A, 2B or a "Pass" in MATH 230. 1 hour lecture. (12 total hours per quarter.) Not Repeatable. Training in team leading skills necessary for assisting a member in the Pass the Torch Program, including study skills, college policies, professionalism, ethics and role modeling of successful student behavior. Techniques of subject specific tutoring skills. Practice of these skills through sample student work and instructor assignments and, when applicable, content-specific suggestions from the member's instructor. Intended for students matched in a Pass the Torch math study team for the first time.</p>				
21256 PSE -111A-01	LEC	12:00 PM-12:50 PM M	LAM	4221
21285 PSE -111A-02	LEC	12:00 PM-12:50 PM T	LAM	4221
21287 PSE -111A-03	LEC	10:00 AM-10:50 AM Th	LAM	4213

PSE 111B	PASS THE TORCH TEAM LEADER TRAINING II	1 Unit		
<p>Prerequisites: PSE 111A; an earned A or B+ grade with instructor recommendation in one of the following: MATH 220, 105, 48A, 48B, 48C, 10, 1A, 1B, 1C, 1D, 2A, 2B or a "Pass" in MATH 230. 1 hour lecture. (12 total hours per quarter.) Not Repeatable. Advanced training in team leading skills necessary for assisting a member in the Pass the Torch Program. Students will be asked to engage in advanced reflections on tutoring and advanced level critique of one's own and other tutoring processes. Techniques of subject specific tutoring skills with attention given to diverse learning styles. Practice of these skills through sample student work and instructor assignments and, when applicable, content-specific suggestions from the member's instructor. Intended for students matched in a Pass the Torch math study team for the second time.</p>				
21255 PSE -111B-01	LEC	12:00 PM-12:50 PM M	LAM	4221
21286 PSE -111B-02	LEC	12:00 PM-12:50 PM T	LAM	4221
21288 PSE -111B-03	LEC	10:00 AM-10:50 AM Th	LAM	4213

PSYCHOLOGY

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

For more information about the online psychology degree, visit [www.foothill.edu/#8203:glob](http://www.foothill.edu/#8203:global/#8203;access.org/main/aa_psychology.htm)

◆ = Middlefield Campus class

✓ = Online or Hybrid class

● = Off-Campus class

Evening classes are shaded.

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
PSYC 1	GENERAL PSYCHOLOGY	5 Units		
5 hours lecture. (60 total hours per quarter.)				
Not Repeatable.				
An exploration of the major perspectives, concepts, and theories in psychology and the factors that influence human behavior. Topics include: Research methodology, biological psychology, perception, sleep and dreaming, learning, cognitive processes, developmental psychology, motivation and emotion, sexuality and gender, stress and health, social psychology, theories of personality, psychological disorders, and psychological therapies.				
20846 PSYC-001.-01Y	LEC 08:00 AM-09:50 AM	TTh	OLIVEIRA	3402
✓	LEC TBA	TBA	OLIVEIRA	ONLINE
PSYC-001.-01Y: Hybrid class: one weekly TBA hour via online instruction.				
20396 PSYC-001.-02Y	LEC 10:00 AM-11:50 AM	TTh	LIN	3404
✓	LEC TBA	TBA	LIN	ONLINE
PSYC-001.-02Y: Hybrid class: one weekly TBA hour via online instruction.				
✓ 20664 PSYC-001.-03W	LEC TBA	TBA	STEFONIK	ONLINE
PSYC-001.-03W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.				
20509 PSYC-001.-04Y	LEC 08:00 AM-09:50 AM	MW	STEFONIK	3404
✓	LEC TBA	TBA	STEFONIK	ONLINE
PSYC-001.-04Y: Hybrid class: one weekly TBA hour via online instruction.				
20642 PSYC-001.-05	LEC 12:00 PM-02:15 PM	TTh	CLARK	3305
✓ 20397 PSYC-001.-07W	LEC TBA	TBA	LIN	ONLINE
PSYC-001.-07W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.				
✓ 20398 PSYC-001.-09W	LEC TBA	TBA	MELUCCI	ONLINE
PSYC-001.-09W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.				
✓ 20399 PSYC-001.-10W	LEC TBA	TBA	PILATI CORSELLI	ONLINE
PSYC-001.-10W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.				
✓ 21673 PSYC-001.-11W	LEC TBA	TBA	TUTTLE	ONLINE
PSYC-001.-11W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.				
20519 PSYC-001.-12Y	LEC 10:00 AM-11:50 AM	MW	STAFF	5999
✓	LEC TBA	TBA	STAFF	ONLINE
PSYC-001.-12Y: Hybrid class: one weekly TBA hour via online instruction.				
20847 PSYC-001.-13	LEC 03:00 PM-05:15 PM	TTh	TUTTLE	3402
20848 PSYC-001.-14	LEC 06:00 PM-08:15 PM	TTh	KARLSSON	3402
✓ 21675 PSYC-001.-15W	LEC TBA	TBA	CLARK	ONLINE
PSYC-001.-15W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.				

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.

✓ 20400 PSYC-004.-01W	LEC TBA	TBA	MELUCCI	ONLINE
PSYC-004.-01W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.				
21215 PSYC-004.-02	LEC 10:00 AM-11:50 AM	TTh	STAFF	5999

PSYC 7 STATISTICS FOR THE BEHAVIORAL SCIENCES 5 Units

Prerequisites: 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

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
				of statistical findings and the application of statistical concepts to real-world problems in the behavioral and social sciences.

20849 PSYC-007.-01Q	LEC 12:00 PM-02:15 PM	TTh	LIN	3402
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PSYC 10 RESEARCH METHODS & DESIGNS 5 Units

Prerequisite: PSYC 1 or SOC 1.
Advisory: MATH 10; Not open to students with credit in SOC 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.

20401 PSYC-010.-01Q	LEC 01:00 PM-02:50 PM	MW	STEFONIK	3106
	LAB 03:00 PM-04:20 PM	MW	STEFONIK	3106

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.

✓ 20919 PSYC-014.-01W	LEC TBA	TBA	PAULOS	ONLINE
PSYC-014.-01W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.				

✓ 20850 PSYC-014.-02W	LEC TBA	TBA	PAULOS	ONLINE
PSYC-014.-02W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.				

PSYC 25 INTRODUCTION TO ABNORMAL PSYCHOLOGY 4 Units

Advisory: College-level reading and writing ability.
4 hours lecture. (48 total hours per quarter.)
Not Repeatable.

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.

20649 PSYC-025.-01	LEC 10:00 AM-11:50 AM	TTh	GOLDBERG	5912
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✓ 20402 PSYC-025.-02W	LEC TBA	TBA	HORAN	ONLINE
PSYC-025.-02W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.				

20723 PSYC-025.-03	LEC 10:00 AM-11:50 AM	MW	GOLDBERG	8338
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PSYC 30 SOCIAL PSYCHOLOGY 4 Units

Advisory: Not open to students with credit in SOC 30; College-level reading and writing ability.
4 hours lecture. (48 total hours per quarter.)
Not Repeatable.

Survey of human behavior in relation to the social environment. Focus on human interaction and the shaping of diverse and commonly-shared attitudes, beliefs and worldviews by society, culture and social groups. Emphasis on how individuals are influenced behaviorally, emotionally, and cognitively. Topics include but not limited to social cognition, aggression, interpersonal attraction, attitudes, social influence, prejudice and discrimination, gender, person perception, and cultural norms.

20403 PSYC-030.-01Q	LEC 10:00 AM-11:50 AM	MW	LIN	3301
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PSYC 33 INTRODUCTION TO PERSONALITY PSYCHOLOGY 4 Units

◆ = Middlefield Campus class

✓ = Online or Hybrid class

● = Off-Campus class

Evening classes are shaded.

Course Number CRN	Title Course ID	Units Activity	Time Days	Instructor	Location
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Advisory: College-level reading and writing ability.
4 hours lecture. (48 total hours per quarter.)
Not Repeatable.

Introduction to the history, theoretical perspectives, research methodologies, assessments, and applications of the field of personality psychology.

21676	PSYC-033-01	LEC	12:00 PM-01:50 PM	TTh	STAFF	3203
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PSYC 40 HUMAN DEVELOPMENT 5 Units

Advisory: ENGL 1A or equivalent; PSYC 1 or equivalent high school or college introductory psychology course.

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

The Psychology of human development includes intellectual, social and personality development through the life span. This includes comprehensive presentation of the issues, forces, and outcomes that make us who we are. Topics in childhood and adolescence, emphasize child development including all stages from conception, through childhood, adolescence, adult issues, later life and gerontology, cover all life-span stages and important topics. Development is presented in a chronological and sequential order from conception through late life, while also presenting important themes and theories essential to this field of psychology. The course provides an extensive amount of information on developmental stages covering theoretical and empirical foundations that enable students to become educated, critical interpreters of developmental information. A blend of basic and applied research, as well as coverage of controversial topics and emergent trends, demonstrating connections between the laboratory and life is presented.

✓ 20404	PSYC-040-01W	LEC TBA	TBA	HORAN	ONLINE	
<i>PSYC-040-01W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.</i>						

✓ 20405	PSYC-040-02W	LEC TBA	TBA	PILATI CORSELLI	ONLINE	
<i>PSYC-040-02W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.</i>						

◆ 20406	PSYC-040-03	LEC	06:00 PM-08:15 PM	TTh	OLIVEIRA	MC D6
21674	PSYC-040-04Y	LEC	12:00 PM-01:50 PM	TTh	VILLANUEVA	3403

✓		LEC TBA	TBA	VILLANUEVA	ONLINE	
<i>PSYC-040-04Y: Hybrid class: one weekly TBA hour via online instruction.</i>						

PSYC 49 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.

21677	PSYC-049-01	LEC	10:00 AM-11:50 AM	TTh	STEFONIK	3401
✓ 20407	PSYC-049-02W	LEC TBA	TBA	GERRY	ONLINE	

PSYC-049-02W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.

PSYC 55 PSYCHOLOGY OF SPORTS 4 Units

4 hours lecture. (48 total hours per quarter.)
Not Repeatable.

Current theoretical perspectives in sports psychology, applications of theories and techniques of optimal performance, and experiential exercises related to psychological factors that affect performance in sports, and in life. Topics include: Goal setting, motivation, neuropsychology, physiology, stress vs. relaxation (arousal regulation), commitment, peak potential, focus/concentration, confidence, visualization, and hypnosis.

✓ 20408	PSYC-055-02W	LEC TBA	TBA	GERRY	ONLINE
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PSYC-055-02W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.

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

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

There is a selective admission process to enroll in these classes. For an application, call (650) 949-7249.

R T 52A PRINCIPLES OF RADIOLOGIC TECHNOLOGY I 3 Units

Prerequisite: R T 50.
3 hours lecture. (36 total hours per quarter.)
Not Repeatable.

The course presents an introduction to elementary principles of x-ray physics, technique, and radiation protection. Intended for students admitted into the Radiologic Technology Program.

20409	R T -052A-01	LEC	08:00 AM-10:50 AM	W	CORSIGLIA	5406
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R T 52D DIGITAL IMAGE ACQUISITION & DISPLAY 2.5 Units

Prerequisite: R T 52C.
2.5 hours lecture, .5 hours laboratory. (36 total hours per quarter.)
Not Repeatable.

Designed to impart an understanding of components, principles and operation of digital imaging systems found in diagnostic radiology. Factors that impact image acquisition, display, archiving and retrieval are discussed. Compare/contrast digital and film-based systems. Principles of digital system quality assurance and maintenance. Intended for students accepted into the Radiologic Technology Program.

20511	R T -052D-01	LEC LAB	08:00 AM-10:15 AM 10:15 AM-10:45 AM	W	CAMPBELL CAMPBELL	5210 5210
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R T 53A APPLIED RADIOGRAPHIC TECHNOLOGY I 3 Units

Prerequisite: R T 53.
16 hours clinical laboratory. (192 total hours per quarter.)
Not Repeatable.

This course is the first in a series of four sequential courses that includes clinical participation and application of basic positioning, patient care, equipment manipulation, radiation protection and image analysis. Emphasis is placed on Chest, Abdomen and Upper & Lower Extremity radiography. A clinical presentation is also required with the same emphasis. Intended for students admitted into the Radiologic Technology Program.

● 20645	R T -053A-01	LAB	08:00 AM-03:50 PM	TTh	KEY	HOSP
<i>R T -053A-01: Schedule subject to assignment by clinical site. Requirement of 192 total clinical hours.</i>						

R T 54A BASIC PATIENT CARE FOR IMAGING TECHNOLOGY 2 Units

Prerequisite: R T 50.
Advisory: Not open to students with credit in R T 50B.
2 hours lecture. (24 total hours per quarter.)
Not Repeatable.

Basic concepts of patient care, including consideration for the physical and psychological needs of the patient and family. Routine and emergency patient care procedures and techniques as well as infection control protocols. Intended for students accepted into the Radiologic Technology Program.

20410	R T -054A-01	LEC	08:00 AM-09:50 AM	F	KEY	5210
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R T 62A ADVANCED MODALITIES IN IMAGING 3 Units

Prerequisite: R T 52C.
3 hours lecture. (36 total hours per quarter.)
Not Repeatable.

Specialized radiographic procedures related to Magnetic Resonance Imaging and Computerized Tomography. Computer applications related to image capture, display, storage, and distribution. Sectional anatomy of the head, neck, thorax, abdomen, pelvis, vertebral column, and extremities. Intended for students accepted into the Radiologic Technology Program.

20411	R T -062A-01	LEC	12:00 PM-02:50 PM	W	KEY	5210
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R T 63A RADIOGRAPHIC CLINICAL PRACTICUM I 6.5 Units

◆ = Middlefield Campus class

✓ = Online or Hybrid class

● = Off-Campus class

Evening classes are shaded.

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
Prerequisite: R T 53D. 32 hours clinical laboratory. (384 total hours per quarter.) Not Repeatable. Radiographic Clinical Practicum I is the first in a series of three sequential courses that includes clinical participation and application of basic positioning, patient care, equipment manipulation, radiation protection and image analysis. Emphasis on utilizing advanced modalities including MRI/CT. Intended for students accepted into the Radiologic Technology Program.				
● 20412 R T -063A-01	LAB	08:00 AM-04:00 PM MTThF	KEY	HOSP
<i>R T -063A-01: Schedule subject to assignment by clinical site. Requirement of 32 hrs/week, a total of 384 total clinical hours/qr.</i>				

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
RSPT 51A	INTRODUCTION TO RESPIRATORY ANATOMY & PHYSIOLOGY			2 Units
Prerequisite: Admission to the Respiratory Therapy Program. 2 hours lecture. (24 total hours per quarter.) Not Repeatable. Anatomy of the respiratory system, ventilation, diffusion of pulmonary gases, circulatory system, and oxygen transport. This course is intended for students accepted and enrolled in the Respiratory Therapy Program.				
20415 RSPT-051A-01	LEC	09:00 AM-10:50 AM T	ENSANI SAEID	5210

RSPT 52	APPLIED SCIENCE FOR RESPIRATORY THERAPY			3 Units
Prerequisites: CHEM 25 or 30A; MATH 220, or high school chemistry or equivalent; admission to the Respiratory Therapy Program. 3 hours lecture. (36 total hours per quarter.) Not Repeatable. Basic mathematics and science principles applicable to Respiratory Therapy. Includes algebra review, metric system, behavior of matter, forces, and acids and bases. This course is intended for students accepted and enrolled in the Respiratory Therapy Program.				
20416 RSPT-052-.01	LEC	01:00 PM-03:50 PM T	STAFF	5210

RSPT 53B	ADVANCED RESPIRATORY THERAPY PHARMACOLOGY			2 Units
Prerequisite: RSPT 53A. 2 hours lecture. (24 total hours per quarter.) Not Repeatable. An in-depth study of drug groups commonly encountered in intensive respiratory care. This course is intended for students accepted and enrolled in the Respiratory Therapy Program.				
20417 RSPT-053B-01	LEC	08:00 AM-09:50 AM M	TREANOR	5210

RSPT 54	ORIENTATION TO RESPIRATORY CARE			2 Units
Prerequisite: Admission to Respiratory Therapy Program. 2 hours lecture. (24 total hours per quarter.) Not Repeatable. Orientation to the Respiratory Therapy Program and health 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.				
20418 RSPT-054-.01	LEC	08:00 AM-09:50 AM M	HANNING	5307

RSPT 55A	MEDIATED STUDIES IN RESPIRATORY THERAPY I			.5 Units
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. The goal of this course is to develop and strengthen concepts taught in the concurrent lecture and laboratory sessions of the Respiratory Therapy program. This course is intended for students accepted and enrolled in the Respiratory Therapy Program.				
20809 RSPT-055A-01	LAB TBA	TBA	HANNING	TBA
<i>RSPT-055A-01: For first year students.</i>				

RSPT 55E	MEDIATED STUDIES IN RESPIRATORY THERAPY V			.5 Units
Prerequisite: Admission to the Respiratory Therapy Program. 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.				

R T 200L	RADIOLOGIC TECHNOLOGY AS A CAREER	1 Unit		
2 hours lecture-laboratory. (24 total hours per quarter.) Not Repeatable. Introduction to the radiological sciences and its role in health care. Focus on the use of ionizing radiation in the diagnosis and treatment of disease and on the health professionals responsible for providing this medical specialty. Discussion of requirements for the Radiologic Technology Program. (Six hours hospital observation included).				
20413 R T -200L-51	L-L	08:00 AM-09:50 AM M	KEY	5015
<i>R T -200L-51: This course requires clinical observation located off campus. Students will be dropped if they do not attend the first class meeting.</i>				
20569 R T -200L-52	L-L	08:00 AM-09:50 AM M	KEY	5015
<i>R T -200L-52: This course requires clinical observation located off campus. Students will be dropped if they do not attend the first class meeting.</i>				

R T 53AL	APPLIED RADIOGRAPHIC TECHNOLOGY LABORATORY I	1 Unit		
Prerequisite: R T 50. 3 hours laboratory. (36 total hours per quarter.) Not Repeatable. This is the first in a series of three sequential courses that includes laboratory participation and application of basic positioning, patient care, equipment manipulation, radiation protection, image analysis and technical radiographic experiments. Emphasis on abdomen, chest, upper and lower extremities as learned in the companion lecture course, R T 51A. Intended for students accepted into the Radiologic Technology Program.				
20646 R T -53AL-01	LAB TBA	TBA	KEY	TBA

RESPIRATORY THERAPY

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

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

RSPT 50A	RESPIRATORY THERAPY PROCEDURES	4.5 Units		
Prerequisite: Admission to the Respiratory Therapy Program. Advisory: Eligibility for ESLL 26 or ENGL 1A. 3 hours lecture, 5 hours laboratory (96 total hours per quarter.) Not Repeatable. Basic hospital and respiratory therapy procedures. Vital signs, compressed gas equipment, oxygen therapy, medical asepsis, bedside pulmonary function testing, disaster and emergency procedures, back safety. This course is intended for students accepted and enrolled in the Respiratory Therapy Program.				
20414 RSPT-050A-01	LEC	08:00 AM-10:50 AM W	STAFF	5307
	LAB	01:00 PM-03:50 PM W	STAFF	5307
	LAB	11:00 AM-12:50 PM M	WEE TOM	5307
20575 RSPT-050A-02	LEC	08:00 AM-10:50 AM W	STAFF	5307
	LAB	08:00 AM-10:50 AM Th	STAFF	5307
	LAB	11:00 AM-12:50 PM W	STAFF	5307
20576 RSPT-050A-03	LEC	08:00 AM-10:50 AM W	STAFF	5307
	LAB	01:00 PM-03:50 PM Th	STAFF	5307
	LAB	11:00 AM-12:50 PM Th	STAFF	5307

◆ = Middlefield Campus class

✓ = Online or Hybrid class

● = Off-Campus class

Evening classes are shaded.

Course Number CRN	Title Course ID	Units Activity	Time Days	Instructor	Location
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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. The goal of this course is to develop and strengthen concepts taught in the concurrent lecture and laboratory sessions of the Respiratory Therapy program. Media materials will provide an alternative learning resource for non-traditional students. This course is intended for students accepted and enrolled in the Respiratory Therapy Program.

21453	RSPT-055E-01	LAB TBA	TBA	HANNING	TBA
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RSPT-055E-01: For second year students.

RSPT 60A CARDIOLOGY FOR RESPIRATORY THERAPISTS 2 Units

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.

20419	RSPT-060A-01	LEC	10:00 AM-11:50 AM M	TREANOR	5210
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RSPT 61B PERINATAL RESPIRATORY CARE 3 Units

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.

20420	RSPT-061B-01	LEC	01:00 PM-02:50 PM M	HANNING	5307
		LAB	11:00 AM-01:50 PM T	HANNING	5307
20577	RSPT-061B-02	LEC	01:00 PM-02:50 PM M	HANNING	5307
		LAB	08:00 AM-10:50 AM T	HANNING	5307

RSPT 70B CLINICAL ROTATION II 6 Units

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.

● 20573	RSPT-070B-01	LAB TBA	WThFS	HANNING	HOSP
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RSPT-070B-01: Schedule subject to assignment by clinical site. Students are required to complete 30 hrs/week, for a total of 360 clinical hours for the course.

RSPT 200L INTRODUCTION TO RESPIRATORY THERAPY 1 Unit

Advisory: Students are not required to have been admitted to the Respiratory Therapy Program.
2 hours lecture-laboratory. (24 total hours per quarter.)
Not Repeatable.

Introduction to the career of respiratory therapy. Role of the respiratory therapist, areas of specialization in the field, educational requirements and future outlook. Clinical tasks and skills will also be introduced.

20421	RSPT-200L-01	L-L	04:30 PM-06:20 PM Th	HANNING	5307
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RSPT-200L-01: Open to all students. The course begins the SECOND week of the quarter. The first class meets Thursday, 10/3, 4:30-6:30 p.m. in Room 5307, with a MANDATORY LAB, to be assigned during the first class.

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

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

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

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.

✓ 20644	SOC -001-01W	LEC TBA	TBA	GIBBS STAYTE	ONLINE
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SOC -001-01W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.

20422	SOC -001-02Y	LEC	08:00 AM-09:50 AM TTh	GIBBS STAYTE	3305
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✓ 20422 SOC -001-02Y: Hybrid class: one weekly TBA hour via online instruction.

20476	SOC -001-03	LEC	08:00 AM-09:50 AM MW	FOX	3305
		LEC	09:00 AM-09:50 AM F	FOX	3305
20423	SOC -001-04	LEC	10:00 AM-11:50 AM MW	FOX	3305
		LEC	10:00 AM-10:50 AM F	FOX	3305

✓ 20424 SOC -001-05W: Hybrid class: one weekly TBA hour via online instruction.

✓ 20424	SOC -001-05W	LEC TBA	TBA	GIBBS STAYTE	ONLINE
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SOC -001-05W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.

✓ 20826	SOC -001-06W	LEC TBA	TBA	LOGG	ONLINE
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SOC -001-06W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.

✓ 21295	SOC -001-07W	LEC TBA	TBA	GIBBS STAYTE	ONLINE
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SOC -001-07W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.

SOC 7 STATISTICS FOR THE BEHAVIORAL SCIENCES 5 Units

Prerequisites: 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.

21122	SOC -007-01Q	LEC	12:00 PM-02:15 PM TTh	LIN	3402
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SOC 8 POPULAR CULTURE 4 Units

4 hours lecture. (48 total hours per quarter.)
Not Repeatable.

Theoretical and methodological overview of American popular culture. A critical examination 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.

20425	SOC -008-01	LEC	10:00 AM-11:50 AM TTh	GIBBS STAYTE	3305
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✓ 20426 SOC -008-02W: Hybrid class: one weekly TBA hour via online instruction.

✓ 20426	SOC -008-02W	LEC TBA	TBA	GIBBS STAYTE	ONLINE
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SOC -008-02W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.

SOC 10 RESEARCH METHODS & DESIGNS 5 Units

Prerequisite: PSYC 1 or SOC 1.

◆ = Middlefield Campus class

✓ = Online or Hybrid class

● = Off-Campus class

Evening classes are shaded.

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
Advisory: MATH 10; college-level reading and writing ability; not open to students with credit in PSYC 10.				
4 hours lecture, 3 hours laboratory. (84 total hours per quarter.)				
Not Repeatable.				
Survey of the various quantitative and qualitative research methods. Emphasis on the research design, planning, experimental procedures, and the collection, analysis, interpretation, and reporting of data. Laboratory emphasis on group work, data entry, and analysis of data with statistical software.				
20427 SOC -010.-01Q	LEC LAB	01:00 PM-02:50 PM MW 03:00 PM-04:20 PM MW	STEFONIK STEFONIK	3106 3106
✓ 20824 SOC -010.-02W	LEC LAB	TBA TBA	BAUERMEISTER BAUERMEISTER	ONLINE ONLINE
<i>SOC -010.-02W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.</i>				

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
SOC 28	SOCIOLOGY OF GENDER			4 Units
4 hours lecture. (48 total hours per quarter.)				
Not Repeatable.				
This course applies sociological theories, concepts and perspectives to an understanding of gender. It focuses on how individuals think and act as gendered beings and how gender becomes an organizing principle in social life. Topics include the social construction of gender, theories of gender socialization, femininities and masculinities, gendered interactions and doing gender, how race, class, nation and sexuality shapes gender, and gender inequality within social institutions, including politics, the economy, family, religion, education and health care.				
20825 SOC -028.-01	LEC	01:00 PM-02:50 PM MW	FOX	3305
✓ 21678 SOC -028.-02W	LEC LAB	TBA TBA	ABED	ONLINE
<i>SOC -028.-02W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.</i>				

SOC 11	INTRODUCTION TO SOCIAL WELFARE			5 Units
5 hours lecture. (60 total hours per quarter.)				
Not Repeatable.				
Sociological perspective of social welfare and the social services system as a field of study and profession. Historical overview of social problems and development of the professional fields. Focus on range of sociological theory to explain development of social services systems, their core concepts, value systems and methods.				
✓ 20428 SOC -011.-01W	LEC LAB	TBA TBA	MARTIN	ONLINE
<i>SOC -011.-01W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.</i>				

SOC 30	SOCIAL PSYCHOLOGY			4 Units
Advisory: College-level reading and writing ability; not open to students with credit in PSYC 30.				
4 hours lecture. (48 total hours per quarter.)				
Not Repeatable.				
Survey of human behavior in relation to the social environment. Focus on human interaction and the shaping of diverse and commonly-shared attitudes, beliefs and worldviews by society, culture and social groups. Emphasis on how individuals are influenced behaviorally, emotionally, and cognitively. Topics include but not limited to social cognition, aggression, interpersonal attraction, attitudes, social influence, prejudice and discrimination, gender, person perception, and cultural norms.				
20430 SOC -030.-01Q	LEC	10:00 AM-11:50 AM MW	LIN	3301

SOC 19	ALCOHOL & DRUG ABUSE			4 Units
4 hours lecture. (48 total hours per quarter.)				
Not Repeatable.				
Introduction to problems of substance abuse. History and classification of alcohol and drug abuse. Equips human service workers and general public with knowledge about issues involved in alcohol and drug abuse. Intervention and rehabilitation programs as well as public policy paradigms are examined.				
✓ 20429 SOC -019.-01W	LEC LAB	TBA TBA	CORMIER	ONLINE
<i>SOC -019.-01W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.</i>				

SOC 40	ASPECTS OF MARRIAGE & FAMILY			4 Units
4 hours lecture. (48 total hours per quarter.)				
Not Repeatable.				
Survey of empirical studies conducted by family sociologists from varied theoretical orientations. Focus on social influences affecting the American expressions of intimate life styles related to relationships, marriage and family systems. Exposure to the methods of social research.				
✓ 20431 SOC -040.-01W	LEC LAB	TBA TBA	LOGG	ONLINE
<i>SOC -040.-01W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.</i>				
20432 SOC -040.-02	LEC	02:30 PM-04:20 PM TTh	ROBERTS	3305
◆ 21679 SOC -040.-03	LEC	06:00 PM-09:40 PM T	ROBERTS	MC J2

SOC 20	MAJOR SOCIAL PROBLEMS			4 Units
4 hours lecture. (48 total hours per quarter.)				
Not Repeatable.				
An identification and analysis of contemporary social problems including (1) the role of power and ideology in the definition of social problems, (2) their causes and consequences, (3) evaluations of proposed solutions, and (4) methods of intervention. Topics will vary.				
20477 SOC -020.-01	LEC	08:00 AM-09:50 AM MW	STAFF	3204

SOC 23	RACE & ETHNIC RELATIONS			4 Units
4 hours lecture. (48 total hours per quarter.)				
Not Repeatable.				
Focus on the meaning of race and ethnicity as it relates to intergroup relations in the USA. Inclusive analysis of concepts, theories, socio-legal effects of the Civil Rights Movement, public policy and its impact on diverse racial and ethnic populations in the USA. Historical and sociological assessment of majority-minority relations with emphasis on the perspectives of African-Americans, Hispanic/Latino-Americans, Asian-Americans and the indigenous Native American tribes. Demographic implications of race and ethnic relations on USA's economic, political and educational institutions. Relationship among race, ethnicity and poverty.				
✓ 20832 SOC -023.-01W	LEC LAB	TBA TBA	ABED	ONLINE
<i>SOC -023.-01W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.</i>				
21691 SOC -023.-02	LEC	12:00 PM-01:50 PM MW	BAUERMEISTER	3402

SOCIAL SCIENCE

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

For more information about the online general studies/social science degree, access 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.				
✓ 20433 SOSC-020.-01W	LEC LAB	TBA TBA	RODGERS	ONLINE
<i>SOSC -020.-01W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.</i>				

SOSC 79	INTRODUCTION TO COMMUNITY SERVICE			1 Unit
3 hours laboratory. (36 total hours per quarter.)				

◆ = Middlefield Campus class

✓ = Online or Hybrid class

● = Off-Campus class

Evening classes are shaded.

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
20434	SOSC-079-.01	LAB TBA	TBA	SMALL TBA

SPANISH

Language Arts (650) 949-7131 www.foothill.edu/la/
(650) 949-7250

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 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.

20435	SPAN-001-.01	LEC 07:35 AM-09:50 AM TTh	COFFIN	6502
20437	SPAN-001-.02	LEC 10:00 AM-11:50 AM MW LEC 10:00 AM-10:50 AM F	CRESPO-MARTIN CRESPO-MARTIN	6307 6307
20438	SPAN-001-.03	LEC 12:00 PM-01:25 PM TThF	COFFIN	6409
20439	SPAN-001-.04	LEC 01:30 PM-03:50 PM TTh	RIVERA-MONTANEZ	6306
20747	SPAN-001-.05	LEC 06:00 PM-08:15 PM MW	RIVERA-MONTANEZ	6306

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.

20440	SPAN-002-.01	LEC 07:35 AM-09:50 AM MW	CRESPO-MARTIN	6305
20441	SPAN-002-.02	LEC 06:00 PM-08:15 PM TTh	RIVERA-MONTANEZ	6307

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.

20442	SPAN-003-.01	LEC 10:00 AM-11:50 AM TTh LEC 11:00 AM-11:50 AM F	CRESPO-MARTIN CRESPO-MARTIN	6501 6501
21606	SPAN-003-.02	LEC 06:00 PM-08:20 PM MW	CHAMORRO JR	6305

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.

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
20443	SPAN-004-.01Q	LEC 10:00 AM-11:50 AM TTh LEC 11:00 AM-11:50 AM F	COFFIN COFFIN	6502 6502

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.

20444	SPAN-005-.01Q	LEC 10:00 AM-11:50 AM TTh LEC 11:00 AM-11:50 AM F	COFFIN COFFIN	6502 6502
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SPAN 6 INTERMEDIATE SPANISH III 5 Units

Prerequisite: SPAN 5.
5 hours lecture. (60 total hours per quarter.)

Not Repeatable.

Extensive reading and discussion of texts dealing with the literature, arts, geography, history and culture of the Spanish-speaking world, with emphasis on literature and art. Practice of advanced grammatical structures, and expansion of abstract vocabulary, and idiomatic usage. Writing and reading assignments based upon topics discussed in class.

20445	SPAN-006-.01Q	LEC 10:00 AM-11:50 AM TTh LEC 11:00 AM-11:50 AM F	COFFIN COFFIN	6502 6502
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SPAN 13A INTERMEDIATE CONVERSATION I 4 Units

Prerequisite: SPAN 3.
Advisory: May be taken concurrently with SPAN 4.
4 hours lecture. (48 total hours per quarter.)

Not Repeatable.

Review and development of oral and listening communication skills in the targeted functions studied in first-year Spanish with attention to fluency, vocabulary, idiom, and pronunciation. Emphasis on the difference between spoken and literary Spanish as well as the variation in language depending upon the topic, the setting, and the country. Discussion and analysis of cultural and historical issues based on authentic texts, current news broadcasts, and/or films.

20446	SPAN-013A-01Q	LEC 06:00 PM-09:50 PM W	STAFF	6409
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SPAN 13B INTERMEDIATE CONVERSATION II 4 Units

Prerequisite: SPAN 13A.
Advisory: May be taken concurrently with SPAN 5.
4 hours lecture. (48 total hours per quarter.)

Not Repeatable.

Continuation of SPAN 13 A. Review and development of oral and listening communication skills in the targeted functions studied in first-year Spanish with attention to fluency, vocabulary, idiom, and pronunciation. Emphasis on the difference between spoken and literary Spanish as well as the variation in language depending upon the topic, the setting, and the country. Discussion and analysis of cultural historical and political issues based on authentic texts, current news broadcasts, and/or films. Develop critical thinking skills by comparing different viewpoints and different values of diverse cultures.

20447	SPAN-013B-01Q	LEC 06:00 PM-09:50 PM W	STAFF	6409
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SPAN 14A ADVANCED CONVERSATION I 4 Units

Prerequisite: SPAN 13B.
Advisory: May be taken concurrently with SPAN 5.
4 hours lecture. (48 total hours per quarter.)

Not Repeatable.

◆ = Middlefield Campus class

✓ = Online or Hybrid class

● = Off-Campus class

Evening classes are shaded.

Course Number CRN	Title Course ID	Units Activity	Time Days	Instructor	Location
20448	SPAN-014A-01Q	LEC	06:00 PM-09:50 PM W	STAFF	6409

SPAN 14B ADVANCED CONVERSATION II 4 Units

Prerequisite: SPAN 14A.
Advisory: May be taken concurrently with SPAN 6.
4 hours lecture. (48 total hours per quarter.)
Not Repeatable.

Continuation of SPAN 14A. Designed to give students practice in aural/ oral communication skills in an environment of increasingly challenging language situations. Evaluation and response to real, current material: politics, literature, art, music, film. Critical analysis of the cultural manifestations and history of the Spanish-speaking world, including the Latino population of the U.S. Evaluation of the cultural values inherent in conversation. Integration of cultural competency into conversation skills: what's appropriate in a given culture (in terms of register, vocabulary and values) and in a given setting within that culture.

20449	SPAN-014B-01Q	LEC	06:00 PM-09:50 PM W	STAFF	6409
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SPAN 25A ADVANCED COMPOSITION & READING I 4 Units

Prerequisite: SPAN 6.
4 hours lecture. (48 total hours per quarter.)
Not Repeatable.

Extensive reading and analysis of original Spanish literary and non-literary sources from Spanish speaking countries and the Hispanic communities in the US, such as newspapers, reports, films and music. Intensive discussion and writing based on these readings to promote a critical appreciation of Hispanic culture, society and history. Understanding of the use of advanced grammar in writing communication. Instruction in Spanish.

21604	SPAN-025A-01Q	LEC	10:00 AM-11:50 AM TTh	COFFIN	6502
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SPAN 25B ADVANCED COMPOSITION & READING II 4 Units

Prerequisite: SPAN 25A.
4 hours lecture. (48 total hours per quarter.)
Not Repeatable.

Continuation of SPAN 25A. Extensive reading and analysis of texts with emphasis on literary works such as short stories, essays and poems. Critical analysis of the major political, historical and social issues exposed in these texts. Writing of extended term papers and compositions using advanced grammar. Understanding and appreciating the ambiguities, vagaries and value inherent in the target language. Instruction in Spanish.

21605	SPAN-025B-01Q	LEC	10:00 AM-11:50 AM TTh	COFFIN	6502
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SPECIAL EDUCATION

Business & Social Sciences (650) 949-7322 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 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

Course Number CRN	Title Course ID	Units Activity	Time Days	Instructor	Location
✓20450	SPED-061-01W	LEC	TBA	WONG	ONLINE

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.

✓21125	SPED-062-01W	LEC	TBA	WONG	ONLINE
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SPED 80 INTRODUCTION TO COLLEGE & ACCOMMODATIONS 1 Unit

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

Orientation to college for the first time college student. Includes Foothill College academic policies, resources, campus, programs and services; transition concerns from high school to post-secondary for students with disabilities; California system of higher education; educational goals and program planning. This course satisfies the college orientation requirement for new students.

21681	SPED-080-01	LEC	02:45 PM-04:45 PM Th	CASHMORE	3201
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SPED-080-01: class meets the first six Thursdays of the quarter only.

THEATRE ARTS

Fine Arts & Communication (650) 949-7262

THTR 1 INTRODUCTION TO THEATRE 4 Units

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

Live performance in an electronic age - an overview of the status of live theatre including its historical, cultural and spiritual roots. This course focuses on the relationship of theatre to various cultures throughout history, and on the contributions of significant individual artists. This course introduces students to elements of the production process including playwrighting, acting, directing, design, and criticism. Students will also survey different periods, styles and genres of theatre through play reading, discussion, films and viewing and critiquing live theatre, including required attendance of theatre productions.

✓20653	THTR-001-01W	LEC	TBA	WOLF	ONLINE
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THTR-001-01W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.

THTR 2F HISTORY OF AMERICAN MUSICAL THEATRE 4 Units

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

An introductory survey of the history of the American musical theatre genre. Includes roots in British music halls, Viennese operetta and African American jazz through the golden age of the musical and up to the contemporary Broadway stage. Emphasis will be placed on genres and styles, as well as the key composers, lyricists, librettists, directors, producers, designers, choreographers and performers. Examines how the musical mirrors contemporary social and political events.

✓21629	THTR-002F-01W	LEC	TBA	CAREY	ONLINE
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✓		LAB	TBA	CAREY	ONLINE
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THTR 20A ACTING I 4 Units

3 hours lecture, 2 hours lecture-laboratory. (60 total hours per quarter.)

◆ = Middlefield Campus class

✓ = Online or Hybrid class

● = Off-Campus class

Evening classes are shaded.

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
Not Repeatable.				
Introduction to the craft of acting, including theory and technique emphasizing body movement, voice production, articulation, characterization principles of motivation, scene analysis, cultural empathy through standard theatre games, exercises, monologues, scenes and the background research thereof.				
20542 THTR-020A-01	LEC 10:00 AM-11:15 AM L-L 11:30 AM-12:20 PM	TTh TTh	SMITH SMITH	1001 1001
THTR 21A SCENERY & PROPERTY CONSTRUCTION 4 Units				
Advisory: Not open to students with credit in DRAM 21A.				
1 hour lecture, 6 hours lecture-laboratory. (84 total hours per quarter.)				
Not Repeatable.				
The theory and practice of creating and using scenery and properties for dramatic presentations. Students will learn basic vocabulary, processes, tools and materials used in the production of scenery and properties for the stage. Practical application and safe use of basic woodworking tools used for creating scenery and properties for Theatre Arts productions.				
21556 THTR-021A-01	L-L 01:30 PM-04:20 PM LEC 04:30 PM-05:20 PM	TTh Th	STAFF STAFF	8002 8002
THTR 21B INTERMEDIATE SCENERY & PROPERTY CONSTRUCTION 4 Units				
Prerequisite: THTR 21A.				
Advisory: Not open to students with credit in DRAM 21B.				
1 hour lecture, 6 hours lecture-laboratory. (84 total hours per quarter.)				
Not Repeatable.				
Continuation of THTR 21A. The theory and practice of creating and using scenery and properties for dramatic presentations. Students will learn basic vocabulary, processes, tools and materials used in the production of scenery and properties for the stage. Practical application and safe use of basic woodworking tools used for creating scenery and properties for Theatre Arts productions. Introduction of designing and working safely with alternative materials, basic electrical and lighting functions and sound reinforcement.				
21557 THTR-021B-01Q	L-L 01:30 PM-04:20 PM LEC 04:30 PM-05:20 PM	TTh Th	STAFF STAFF	8002 8002
THTR 21C ADVANCED SCENERY & PROPERTIES CONSTRUCTION 4 Units				
Prerequisite: THTR 21B.				
Advisory: Not open to students with credit in DRAM 21C.				
1 hour lecture, 6 hours lecture-laboratory. (84 total hours per quarter.)				
Not Repeatable.				
Continuation of THTR 21B. Theory and practice creating and using scenery and properties for department dramatic presentations. Safe use of tools, materials, and construction techniques used in the construction of scenery and properties for the stage. Introduction to the use of metal in the production of scenery and properties for the stage. Basic rigging concepts, tools and practices for the stage.				
21558 THTR-021C-01Q	L-L 01:30 PM-04:20 PM LEC 04:30 PM-05:20 PM	TTh Th	STAFF STAFF	8002 8002
THTR 43A SCRIPT ANALYSIS 4 Units				
Advisory: THTR 20A.				
4 hours lecture. (48 total hours per quarter.)				
Not Repeatable.				
This course imbues students with the fundamental building blocks of understanding play scripts through an in-depth methodology of reading and analysis. Students will explore the foundational elements of Modern Realistic theatrical texts from study to analysis of text as intended for production. This groundwork provides the basis by which subsequent exploration of production possibilities, challenges and genres can be developed.				
21559 THTR-043A-01	LEC 03:30 PM-05:20 PM	MW	BERGMANN	8002

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
THTR 46A THEATRE DEVELOPMENT WORKSHOP I 2 Units				
Formerly: THTR 50				
Advisory: Not open to students with credit in THTR 50.				
1 hour lecture, 1 hour lecture-laboratory, 2 hours laboratory. (48 total hours per quarter.)				
Not Repeatable.				
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 all contribute to produce a full-length production consisting of several student-generated short plays. Beginning students will focus as actors and production support as needed. The quarter culminates with several public performances.				
20974 THTR-046A-01	LEC 01:00 PM-01:50 PM L-L 01:00 PM-01:50 PM LAB 02:00 PM-02:50 PM	M M MW	BERGMANN BERGMANN BERGMANN	8002 8002 8002
THTR 46B THEATRE DEVELOPMENT WORKSHOP II 2 Units				
Formerly: THTR 50B				
Advisory: Not open to students with credit in THTR 50B.				
1 hour lecture, 1 hour lecture-laboratory, 2 hours laboratory. (48 total hours per quarter.)				
Not Repeatable.				
This course continues to delve into the full development of an organic, original production from inception to performance. Students will be entirely charged to produce a full-length production consisting of several student-generated short plays. The students will focus on writing skills and creative contributions to the shows content. Student responsibilities may extend to additional areas of acting and production support. The quarter culminates with several public performances.				
20976 THTR-046B-01Q	LEC 01:00 PM-01:50 PM L-L 02:00 PM-02:50 PM LAB 01:00 PM-01:50 PM	M MW W	BERGMANN BERGMANN BERGMANN	8002 8002 8002
THTR 46C THEATRE DEVELOPMENT WORKSHOP III 2 Units				
1 hour lecture, 1 hour lecture-laboratory, 2 hours laboratory. (48 total hours per quarter.)				
Not Repeatable.				
This course continues to delve into the full development of an organic, original production from inception to performance. Students will be entirely charged to produce a full-length production consisting of several student-generated short plays. In level III, the students will focus on design, directing and production coordination of all artistic elements of the show. Student responsibilities may extend to additional areas of acting and other production support. The quarter culminates with several public performances.				
21560 THTR-046C-01Q	LEC 01:00 PM-01:50 PM L-L 01:00 PM-01:50 PM LAB 02:00 PM-02:50 PM	M W MW	BERGMANN BERGMANN BERGMANN	8002 8002 8002
THTR 48C MUSICAL THEATRE REPERTOIRE FOR SINGERS 4 Units				
Prerequisite: Enrollment subject to standardized audition.				
Advisory: MUS 13C or THTR 48B.				
3 hours lecture, 2 hours lecture-laboratory. (60 total hours per quarter.)				
Not Repeatable.				
This course teaches vocal techniques and styles as utilized in Musical Theater. Instruction includes development of singing skills, basic body movement, acting technique, interpretation of Broadway song literature in a staged performance. Students are required to prepare a final project excerpted from a standard works. All performances are evaluated. Attendance at all scheduled performances is required.				
21628 THTR-048C-01Y	LEC 10:00 AM-12:50 PM LAB 10:00 AM-11:50 AM	W M	CAREY CAREY	1001 1001
THTR 49A PERFORMANCE PRODUCTION I 6 Units				
Formerly: THTR 49				
Advisory: Course assignment and determined participation based on audition and instructor placement; not open to students with credit in THTR 49.				

◆ = Middlefield Campus class

✓ = Online or Hybrid class

● = Off-Campus class

Evening classes are shaded.

Course Number CRN	Course ID	Title Activity	Units Time	Days	Instructor	Location
6 hours lecture-laboratory, 9 hours laboratory. (180 total hours per quarter.) Not Repeatable.						
Supervised participation as a performer in scheduled non-musical productions of the Theatre Arts Department with a designated emphasis towards confidence in performing as well as integrative familiarity in the full process of mounting a production for public performance. This course culminates in a fully staged theatrical production.						
21630	THTR-049A-01Q	L-L TBA LAB TBA		TBA TBA	BERGMANN BERGMANN	1001 1001

Course Number CRN	Course ID	Title Activity	Units Time	Days	Instructor	Location
VETERINARY TECHNOLOGY						
Biological & Health Sciences			(650) 949-7538	www.foothill.edu/bio/programs/vettech/		
There is a selective admission process required prior to enrolling in these courses. For an application, access www.foothill.edu/bio/programs/vettech . Selective admission process does not apply to the Veterinary Assistant Certificate courses (VT 52A, 52B, 88A, 88B).						

THTR 70R INDEPENDENT STUDY IN THEATRE ARTS 1-4 Unit
3 hours per week, per unit, as determined by unit value of the contracted project or course of study; 36-144 total hours.. (0 total hours per quarter.)
Not Repeatable.
 This course of study provides an opportunity for the student to expand their studies in Theatre Arts beyond the classroom by completing a project or an assignment arranged by agreement between the student and instructor. The student is required to contract with the instructor to determine the scope of assignment and the unit value assigned for successful completion. Students may take a maximum of 6 units of Independent Study per department.

21783	THTR-070R-01	LAB TBA		TBA	BERGMANN	1001
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THTR 99A TECHNICAL THEATRE IN PRODUCTION I 4 Units
Advisory: Students must meet with the instructor during the first week of the quarter to schedule hours and responsibilities.
2 hours lecture-laboratory, 9 hours laboratory. (132 total hours per quarter.)
Not Repeatable.
 Students will gain practical experience in the application of production responsibilities in any of the following: stage management, house management, construction, scenery, properties, costume, lighting, sound, and running crews.

21784	THTR-099A-01Q	LAB TBA L-L TBA		TBA TBA	BERGMANN BERGMANN	1001 1001
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THTR 99B TECHNICAL THEATRE IN PRODUCTION II 4 Units
Prerequisite: THTR 99A
Advisory: Students must meet with the instructor during the first week of the quarter to arrange hours and assignments.
2 hours lecture-laboratory, 9 hours laboratory. (132 total hours per quarter.)
Not Repeatable.
 Students will gain a practical experience in the application of production responsibilities in any of the following theatre technical areas: construction, scenery, properties, costume, lighting, sound, special effects and running crews based on the students level of experience and the demands of the current department productions. Students will assume greater responsibility for the planning and scheduling of work in their assigned area.

21785	THTR-099B-01Q	LAB TBA L-L TBA		TBA TBA	BERGMANN BERGMANN	1001 1001
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THTR 99E TECHNICAL THEATRE MANAGEMENT IN PRODUCTION 6 Units
Advisory: THTR 99A and 21A or 25; lab hours will occur on specific evenings and weekends during the quarter; required meeting with instructor during first week of quarter to assign responsibilities and hours per production schedule.
4 hours lecture-laboratory, 12 hours laboratory. (192 total hours per quarter.)
Not Repeatable.
 Students will gain practical experience in the application of production management responsibilities in any of the following: stage management, house management, production management, or technical department management.

21786	THTR-099E-01Q	LAB TBA L-L TBA		TBA TBA	BERGMANN BERGMANN	1001 1001
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V T 50A CURRENT TOPICS IN VETERINARY TECHNOLOGY I .5 Units

Formerly: V T 50
Advisory: Not open to students with credit in V T 50.
1 hour lecture-laboratory. (12 total hours per quarter.)
Not Repeatable.
 This course provides enrichment of the core curriculum of the Veterinary Technology Program. Presenters will include veterinarians, veterinary specialists, veterinary technicians, animal care and management professionals, business professionals, and educators. A series of three-hour lectures, lecture-demonstrations, multimedia presentations, live demonstrations, or hands-on workshops presented once monthly (three times per quarter) by the instructor or professionals in veterinary medicine, veterinary technology, or other animal health-related fields. Content consists of relevant topics related to concurrent coursework in the first quarter of the first year Veterinary Technology Program Curriculum. First year veterinary technology students are required to enroll. Not open to Non-Veterinary Technology Program students.

21437	V T -050A-01	L-L	05:00 PM-08:40 PM	T	GREGORY	1501
		L-L	05:00 PM-08:40 PM	T	GREGORY	1501
		L-L	05:00 PM-08:40 PM	T	GREGORY	1501

V T -050A-01: First meeting 10/8. Meets once per month on Tuesdays - 10/8, 11/12 & 12/03. NOT open to non-VT Program students.

V T 50D CURRENT TOPICS IN VETERINARY TECHNOLOGY IV .5 Units

1 hour lecture-laboratory. (12 total hours per quarter.)
Not Repeatable.
 This course provides enrichment of the core curriculum of the Veterinary Technology Program. Presenters include veterinarians, veterinary specialists, veterinary technicians, animal care and management professionals, business professionals, and educators. A series of three-hour lectures, lecture-demonstrations, multimedia presentations, live demonstrations, or hands-on workshops presented once monthly (three times per quarter) by the instructor or professionals in veterinary medicine, veterinary technology, or other animal health-related fields. Content consists of relevant topics related to concurrent coursework in the first quarter of the second year Veterinary Technology Program Curriculum. Second year veterinary technology students are required to enroll. Not open to Non-Veterinary Technology program students.

21402	V T -050D-01	L-L	05:00 PM-08:40 PM	T	GREGORY	1501
		L-L	05:00 PM-08:40 PM	T	GREGORY	1501
		L-L	05:00 PM-08:40 PM	T	GREGORY	1501

V T -050D-01: First meeting 10/8. Meets once/month on Tuesdays 10/8,11/12 & 12/03. NOT open to non-VT Program students.

V T 51 INTRODUCTION TO VETERINARY TECHNOLOGY 1.5 Units

1 hour lecture, 2 hours lecture-laboratory. (36 total hours per quarter.)
Not Repeatable.
 A prerequisite for admission to the Veterinary Technology Program. Orientation to the program requirements and curriculum. Survey of the role of the veterinary assistant and registered veterinary technician in the workplace. Survey of employment opportunities and areas of specialization. Ethics and professionalism. Laws and regulations governing veterinary technicians. Introduction to basic animal care skills and clinical procedures.

20790	V T -051.-01	LEC	03:00 PM-03:50 PM	M	DEPAOLO	8507
		L-L	04:00 PM-05:50 PM	M	DEPAOLO	8507

◆ = Middlefield Campus class

✓ = Online or Hybrid class

● = Off-Campus class

Evening classes are shaded.

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
V T 53A	MEDICAL TERMINOLOGY	1 Unit		
Prerequisite: Admission to the Veterinary Technology Program.				
2 hours lecture-laboratory. (24 total hours per quarter.)				
Not Repeatable.				
A guided self-study of medical terminology as a fundamental communication skill. Basic word parts and rules of word construction. A review of common medical terms pertaining to the different body systems, with emphasis on those terms peculiar to veterinary medicine.				
20451 V T -053A-01	L-L	11:00 AM-11:50 AM MW	MACDOUGALL	8507
<i>V T -053A-01: Requires admission to VT Program.</i>				
V T 53F	INTRODUCTION TO SWINE HEALTH MANAGEMENT	2 Units		
Advisory: Must be a student in good standing in the Veterinary Technology Program.				
1 hour lecture, 2 hour lecture-laboratory. (36 total hours per quarter.)				
Not Repeatable.				
A series of lectures, live demonstrations, and hands-on experiences All instruction will take place on the farm at Hidden Villa. Introduction to the principles of husbandry and health management of swine. Breed identification; housing and restraint; nutrition and feeding; common infectious disease and vaccinations; common internal and external parasite management; common veterinary medicines and food animal restrictions; breeding, gestation, and parturition. Course intended for students enrolled in the Veterinary Technology Program.				
● 20593 V T -053F-01	LEC TBA L-L TBA	TBA TBA	PETER PETER	HDNVLA HDNVLA
<i>V T -053F-01: Designed for Hidden Villa student-interns. Non-HV students must contact Dr. Peter, 650-949-7203, for enrollment information.</i>				
V T 54A	COMPARATIVE VETERINARY ANATOMY & PHYSIOLOGY FOR THE VETERINARY TECHNICIAN	5 Units		
Prerequisite: V T 51 or equivalent.				
Advisory: ENGL 1A, ESLL 26 or equivalent; CHEM 30A or equivalent.				
4 hours lecture, 1 hour lecture-laboratory, 2 hours laboratory. (84 total hours per quarter.)				
Not Repeatable.				
Comparative veterinary anatomy and physiology for veterinary technicians. This course covers the clinically relevant veterinary anatomy and physiology including a discussion of the similarities and differences among the major domestic species. Emphasis is placed on the normal structure and function of the major organ systems as the foundation for understanding pathology and the pathophysiology of disease. This course is intended for students enrolled in the Veterinary Technology Program.				
20452 V T -054A-01	LEC 02:00 PM-03:50 PM TTh L-L 12:00 PM-12:50 PM M LAB 12:55 PM-02:50 PM M		MACDOUGALL STAFF STAFF	8402 8507 8507
20578 V T -054A-02	LEC 02:00 PM-03:50 PM TTh L-L 12:00 PM-12:50 PM W LAB 12:55 PM-02:50 PM W		MACDOUGALL STAFF STAFF	8402 8507 8507
V T 55	ANIMAL MANAGEMENT & CLINICAL SKILLS I	4 Units		
Prerequisite: Admission to the Veterinary Technology Program.				
3 hours lecture, 3 hours laboratory. (72 total hours per quarter.)				
Not Repeatable.				
Intended for the pre-clinical training of veterinary technology students and unregistered veterinary assistants. Orientation to the Veterinary Technology Program. Occupational health and safety. Animal handling and restraint. Administration of medication. Assessing dehydration and basic fluid administration. Introduction to anesthetic equipment, procedures and recovery. Principles of aseptic technique, sanitation, disinfection and sterilization. Principles of surgical nursing and instrumentation. Euthanasia, grief and pet loss support. Principles of animal behavior, socialization, basic obedience and common behavior problems. Wound healing, basic wound care and suture material.				
20453 V T -055-01	LEC 12:00 PM-01:15 PM TTh LAB 08:00 AM-10:50 AM T		PETER TERRY	8403 8507

Course Number CRN Course ID	Title Activity	Units Time Days	Instructor	Location
<i>V T -055-01: Requires admission to Vet Tech Program.</i>				
20579 V T -055-02	LEC 12:00 PM-01:15 PM TTh LAB 08:00 AM-10:50 AM Th		PETER TERRY	8403 8507
<i>V T -055-02: Requires admission to Vet Tech Program.</i>				
V T 70	FUNDAMENTALS OF VETERINARY DIAGNOSTIC IMAGING	4 Units		
Prerequisite: Admission to the Veterinary Technology Program.				
3 hours lecture, 3 hours laboratory. (72 total hours per quarter.)				
Not Repeatable.				
Introduction to the principles of veterinary radiography and ultrasonography for veterinary technician students, including radiographic and ultrasonographic terminology. Physics of X-ray and ultrasound production and interaction with matter. Occupational safety and radiation protection. Proper use and maintenance of standard and digital x-ray equipment. Radiographic exposure factors, technique chart development and usage, and patient positioning required for production of diagnostic radiographs. Processing of radiographic film. Discussion of equipment materials and special radiographic studies common in veterinary practice. Radiographic exposure troubleshooting and common artifacts.				
20454 V T -070-01	LAB 08:00 AM-10:50 AM M LEC 08:00 AM-09:15 AM TTh		GREGORY PETER	8507 8402
20580 V T -070-02	LAB 08:00 AM-10:50 AM W LEC 08:00 AM-09:15 AM TTh		GREGORY PETER	8507 8402
V T 75A	ANIMAL CARE SKILLS I	1 Unit		
Prerequisite: Admission to the Veterinary Technology Program.				
3 hours laboratory. (36 total hours per quarter.)				
Not Repeatable.				
Practical application of animal care skills and principles of animal care and management using techniques and knowledge learned in the veterinary technology program. Opportunity to participate in the health care team involved in the care, management and husbandry of program livestock, companion animals and laboratory animals. Emphasis will be on the basic principles and application of clinical facility management, care of resident teaching animals, and routine maintenance duties.				
20455 V T -075A-01	LAB TBA	TBA	GREGORY	8507
<i>V T -075A-01: Requires admission to VT program. Mandatory Orientation Friday, 9/27, 3:30-6:30pm in VT LAB. A total of 36 hours of animal care done in 18 two-hour shifts scheduled during the quarter.</i>				
21775 V T -075A-02	LAB TBA	TBA	STAFF	TBA
V T 81	CLINICAL PATHOLOGY METHODS	5 Units		
Prerequisite: Admission to the Veterinary Technology Program.				
4 hours lecture, 3 hours laboratory. (84 total hours per quarter.)				
Not Repeatable.				
Fundamental studies of laboratory techniques and procedures involved in evaluating veterinary clinical samples. Areas of study include hematology, urinalysis, coagulation assessment, blood biochemistry and immunological testing, serology, clinical parasitology, and cytology. The veterinary technician's role in sample collection, sample storage and handling, and performance of analytic procedures will be emphasized. Skills are developed in the use of laboratory equipment, laboratory safety and management, and quality control and quality assurance.				
20456 V T -081-01	LEC 12:00 PM-01:50 PM MW LAB 12:30 PM-03:20 PM T		MACDOUGALL TERRY	8403 8507
20581 V T -081-02	LEC 12:00 PM-01:50 PM MW LAB 12:30 PM-03:20 PM Th		MACDOUGALL TERRY	8403 8507
V T 83	PHARMACOLOGY FOR TECHNICIANS	4 Units		
Prerequisite: Admission to the Veterinary Technology Program.				
4 hours lecture. (48 total hours per quarter.)				
Not Repeatable.				
Introduction to the basic principles of veterinary pharmacology. Preparation and dispensing of medications. Overview of the actions and interactions of the major classes of drugs, with emphasis on common veterinary uses of specific drugs. This course is intended for students enrolled in the Veterinary Technology Program.				
20457 V T -083-01	LEC 02:00 PM-03:50 PM MW		MACDOUGALL	5001
V T 87A	ADVANCED ANIMAL CARE SKILLS I	1 Unit		

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Evening classes are shaded.

Course Number CRN	Course ID	Title Activity	Units Time	Days	Instructor	Location
Prerequisite: Admission to the Veterinary Technology Program. 3 hours laboratory. (36 total hours per quarter.) Not Repeatable.						
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.						
20458	V T -087A-01	LAB TBA	TBA		GREGORY	8507
<i>V T -087A-01: Mandatory Orientation Friday, 9/27, 3:30-6:30pm in VT LAB. A total of 36 hours of animal care done in 12 two-hour shifts, plus 12 hours of additional assigned animal & facility related duties.</i>						
21774	V T -087A-02	LAB TBA	TBA		PETER	TBA

Course Number CRN	Course ID	Title Activity	Units Time	Days	Instructor	Location
VART 3 AMERICAN CINEMA 4 Units						
Advisory: Not open to students with credit in F TV 3. 4 hours lecture, 1 hour laboratory. (60 total hours per quarter.) Not Repeatable.						
Introduction to American Film as a component of art, history, culture and business. How Hollywood has shaped an industry that has come to reflect many aspects of the American experience. American cinematic history, terminology, economic structure and cultural importance. Skills and insight into watching films critically. Development of analysis and writing skills.						
✓	20462	VART-003-01W	LEC TBA	TBA	ERICKSON-FEINSTEIN	ONLINE
✓			LAB TBA	TBA	ERICKSON-FEINSTEIN	ONLINE
<i>VART-003-01W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.</i>						

VART 30 DIGITAL VIDEO EDITING I 4 Units						
Formerly: VART 84						
Advisory: Must demonstrate basic computer proficiency; students must register for VART 150X for facility access outside of class times; not open to students with credit in F TV 84 or VART 84. 3 hours lecture, 2.5 hours lecture-laboratory. (66 total hours per quarter.) Not Repeatable.						
Basic instruction on the use of the computer for video and film editing using AVID Media Composer and/or Final Cut Pro software. The theory and practice of cinematic editing which is explored through projects, screenings, class exercises, and demonstration. Topics include montage, pace and rhythm, openings, cutting dialogue, use of sound.						
✓	21018	VART-030-01W	LEC TBA	TBA	WARD	ONLINE
✓			LAB TBA	TBA	WARD	ONLINE
<i>VART-030-01W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.</i>						
✓	21554	VART-030-02Y	LEC 01:30 PM-04:20 PM	F	WARD	1211
✓			LAB TBA	TBA	WARD	ONLINE
<i>VART-030-02Y: Hybrid class. 2.5 additional weekly hours via online instruction.</i>						

VART 51 WEB VIDEO 4 Units						
Formerly: VART 15						
Advisory: Not open to students with credit in VART 15. 3 hours lecture, 2.5 hours lecture-laboratory. (66 total hours per quarter.) Not Repeatable.						
An introduction to new developments in the use of video on the internet. The course covers a variety of internet media concepts such as compression, streaming, podcasting, and RSS feeds. Students study both technical and aesthetic considerations for web video.						
✓	20945	VART-051-01W	LEC TBA	TBA	WARD	ONLINE
✓			LAB TBA	TBA	WARD	ONLINE
<i>VART-051-01W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.</i>						
✓	21555	VART-051-02Y	LEC 01:30 PM-04:20 PM	W	WARD	1101
✓			LAB TBA	TBA	WARD	ONLINE
<i>VART-051-02Y: Hybrid class. 2.5 additional weekly hours via online instruction.</i>						

WOMEN'S STUDIES

Business & Social Sciences (650) 949-7322 www.foothill.edu/bss/						
WMN 5 INTRODUCTION TO WOMEN'S STUDIES 4 Units						
Advisory: Eligibility for ENGL 1A or ESLL 26. 4 hours lecture. (48 total hours per quarter.) Not Repeatable.						
Examination and development of the goals, major documents, history, achievements, and evolution of the current women's movement in light of the impact and contributions of women, in comparison to those of men, of various cultural and ethnic heritage. Includes						

V T 91 CLINICAL INTERNSHIP II 3 Units						
Prerequisite: Admission to the Veterinary Technology Program. 15 hours laboratory. (180 total hours per quarter.) Not Repeatable.						
Off-campus practical clinical work experience for Veterinary Technology Program students in veterinary facilities supervised by licensed veterinarians and veterinary technicians. Students begin to follow directions from doctors and staff with increasing independence and exhibit good judgment and critical thinking skills. 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.						
●	20574	V T -091-01	LAB TBA	TBA	TERRY	CLINIC
<i>V T -091-01: Mandatory monthly meeting with Intern Coordinator, TBA. Requirement for 15 hrs/wk, or a total of 180 hrs/qtr, in an approved internship. Schedule subject to assignment by clinical site.</i>						

VIDEO ARTS

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

VART 1 INTRODUCTION TO FILM STUDIES 4 Units						
Advisory: Not open to students with credit in F TV 1. 4 hours lecture, 1 hour laboratory. (60 total hours per quarter.) Not Repeatable.						
A survey of the language, technology, theory and aesthetics of the moving image as an art form. The course emphasizes an introduction to the critical analysis of the film and video. Includes weekly readings, film viewing, and discussion.						
	20459	VART-001-01	LEC 10:00 AM-11:50 AM	MW	TRIPP CALDWELL	1101
			LAB 11:50 AM-12:50 PM	M	TRIPP CALDWELL	1101
✓	20460	VART-001-02W	LEC TBA	TBA	TRIPP CALDWELL	ONLINE
✓			LAB TBA	TBA	TRIPP CALDWELL	ONLINE
<i>VART-001-02W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.</i>						

VART 2B HISTORY OF FILM 1945-CURRENT 4 Units						
Advisory: Not open to students with credit in F TV 2B. 4 hours lecture, 1 hour laboratory. (60 total hours per quarter.) Not Repeatable.						
Critical analysis of film as an art form with emphasis on film evolution from the 1940s to the present.						
✓	20461	VART-002B-01W	LEC TBA	TBA	ERICKSON-FEINSTEIN	ONLINE
✓			LAB TBA	TBA	ERICKSON-FEINSTEIN	ONLINE
<i>VART-002B-01W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.</i>						

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Evening classes are shaded.

Course Number CRN	Course ID	Title Activity	Units Time	Days	Instructor	Location
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Course Number CRN	Course ID	Title Activity	Units Time	Days	Instructor	Location
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appraisal of the effects of multiculturalism and the women's movement on politics, jobs, education, science, family structure, and the arts.

20463	WMN -005.-01	LEC	01:00 PM-02:50 PM	MW	PLATTS	3404
✓ 20464	WMN -005.-02W	LEC	TBA	TBA	STANDISH	ONLINE

WMN -005.-02W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.