



2017 SUMMER & FALL CLASS SCHEDULE



SAVE | LEARN | TRANSFER | WORK

www.chabotcollege.edu



CHABOT
COLLEGE

“To learn means to accept the postulate that life did not begin at my birth. Others have been here before me, and I walk in their footsteps. The books I have read were composed by generations of fathers and sons, mothers and daughters, teachers and disciples. I am the sum total of their experiences, their quests. And so are you.”

Elie Wiesel, Author, Professor, Activist



Message from the President

I want to warmly welcome you to Chabot College!

Chabot College has been the first step along the path to future success for generations of students now shaping our region, state, and country. We deliver great educational opportunities, support, and mentoring to students just like you. As an educator at Chabot for thirty years, I am awed by the persistence and achievement of our graduates who transfer to excellent universities or complete degrees and certificates in our superb career technical preparation programs. Our students and staff represent a rainbow of diverse cultures, one of our greatest riches at Chabot.

We are proud to be the open door to higher education for many Dreamers and for those who are first in their families to attend college. We are committed to social, economic, and environmental justice, areas of passion and purpose for many Chabot students, teachers, and staff. I hope to meet you along your pathway to success here and beyond as you join our wonderful community of teachers and learners.

A handwritten signature in black ink that reads "Susan Sperling".

Susan Sperling, Ph.D.

*President
Chabot College*

SAVE | LEARN | TRANSFER | WORK

EARN A CERTIFICATE

Certain specialized programs require less than two years of full-time study. Earn a Certificate of Achievement or Certificate of Proficiency and then get to work.

EARN AN ASSOCIATE DEGREE

You will be eligible for an Associate degree after completing 60 semester units including general education and major requirements (with a C grade or higher), and electives (if needed), with a cumulative GPA of 2.0 or higher.

TRANSFER TO A 4-YEAR UNIVERSITY OR COLLEGE

Complete your lower division coursework at Chabot College, transfer to a 4-year university or college as a junior and start completing your upper division coursework for a Bachelor's degree.



CHABOT-LAS POSITAS COMMUNITY COLLEGE DISTRICT BOARD OF TRUSTEES

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Chabot College President

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**THIS CLASS SCHEDULE IS AVAILABLE IN ALTERNATE FORMAT.
CONTACT THE DISABLED STUDENT RESOURCE CENTER, BUILDING 2400, 510.723.6725.**

STUDENT CONDUCT AND DUE PROCESS POLICY

The Chabot-Las Positas Community College District encourages all students to pursue academic studies and other college-sponsored activities. In pursuit of these goals, the student should be free of unfair or improper action from any member of the academic community. The District accords every student the right or protection. Students, however, are responsible for complying with college and district regulations and for meeting the appropriate college requirements. The Colleges have an obligation to maintain conditions under which the work of the colleges can go forward freely, in accordance with the highest standards of quality, institutional integrity and freedom of expression. In joining the academic community, the student enjoys the right of freedom to learn and shares responsibility in exercising that freedom. A student is expected to conduct himself or herself in accordance with standards of the college. For more information, refer to page 73 of the 2016-2018 College Catalog.

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The Chabot - Las Positas Community College District reserves the right to cancel classes, to make other changes as college needs require, and to change, without notice, any of the information, requirements and regulations in this schedule of classes.

ACADEMIC CALENDAR

REGISTRATION DATES

STUDENT GROUP	STUDENT SUCCESS & SUPPORT PROGRAMS (SSSP) CORE SERVICES (Assessment, Orientation, & Student Education Plan)	
	COMPLETE	INCOMPLETE
STATE MANDATED – Veterans, Foster Youth, EOPS, DSPS, CalWORKs.....	April 18	May 10
COLLEGE PRIORITY – Athletes, TRiO/Excel, TRiO/Aspire, TRiO/STEM/MESA.....	April 20	May 11
CONTINUING (by units completed at CLPCCD)	April 24	May 12
EARLY DECISION	May 6	May 17
NEW	May 8	May 17
RETURNING (former).....	May 9	May 17
STUDENTS ON PROBATION.....	May 16	
100+ DEGREE UNITS COMPLETED	May 16	
OPEN ENROLLMENT.....	May 17	
CONCURRENT ENROLLMENT (Summer - Application due dates on page 8).....	May 19	
CONCURRENT ENROLLMENT (Fall - Application due date on page 8)	June 19	

SUMMER 2017 CALENDAR

See below for instructions on checking due dates for summer term classes.

May 30 – July 3	1 st 5-Week Session
June 12 – August 3.....	8-Week session
June 19 – July 27	6-Week session
July 5 – August 3.....	2 nd 5-Week Session
July 4.....	Holiday - Independence Day Observance (no instruction)
August 6	Instructors: Summer Grades Due (by 11pm on CLASS-Web)
Week of August 14th	Summer 2017 Grades available CLASS-Web

FALL 2017 CALENDAR

*Dates listed here are for full-term classes only. See below for instructions on checking due dates for short-term and late-start classes.

August 14	Convocation
August 15	College Day
August 16	Classes Start (FULL-TERM CLASSES*)
August 19	Saturday Classes Start
August 25	Last Day to ADD or DROP Classes (FULL-TERM CLASSES*) with No Grade of Record (NGR) in-person
August 27	Last Day to ADD or DROP Classes (FULL-TERM CLASSES)* with No Grade of Record (NGR) online
August 28	CENSUS DAY (FULL-TERM CLASSES*)
September 2	No Saturday Classes
September 2-4	Holiday – Labor Day
September 5	Flex Day
September 10	Last Day to Apply for Pass/No Pass (FULL-TERM CLASSES*)
October 27	Last day to Apply for Degree/Certificate
November 3	Last Day to WITHDRAW (FULL-TERM CLASSES*) with “W” in-person
November 5	Last Day to WITHDRAW (FULL-TERM CLASSES*) with “W” online
November 10	Holiday - Veterans Day
November 11	Saturday Classes Meet
November 22 – 24	Holiday – Thanksgiving Recess (no instruction)
November 25	No Saturday Classes
December 9	Last Day of Instruction (Saturday Classes)
December 12	Last Day of Instruction (FULL-TERM CLASSES*)
December 13 – 19	Final Exams (FULL-TERM CLASSES*)
December 16	Final Exams (Saturday Classes)
December 20 – January 1, 2018	Holiday – Winter Recess (no instruction)
January 2, 2018	Instructors: Fall Grades Due (by 11pm on CLASS-Web)
Week of January 9th	Fall 2017 Grades available via CLASS-Web

DUE DATES FOR FALL ENROLLMENT FEES

- **JUNE 13** if you registered before May 31 or
- **JULY 26** if you registered between May 31 and July 12

DUE DATES FOR SUMMER TERM & FALL SHORT-TERM/LATE START CLASSES

- To check due dates for summer term and fall short-term/late start classes, log into CLASS-Web:
- Click the Registration link under Student Services tab.
 - Click the Check class deadlines link and enter CRN.

CONTACT GUIDE

ACADEMIC DIVISIONS

Academic Pathways & Student Success	510.723.7565
Applied Technology & Business	510.723.6653
Arts, Media & Communication	510.723.6829
Counseling	510.723.7013
Language Arts	510.723.6804
Health, Kinesiology, & Athletics	510.723.7484
Science & Mathematics	510.723.6898
Social Sciences	510.723.6670

To access each division's website, visit:
www.chabotcollege.edu/academics

CAMPUS SAFETY AND SECURITY

Emergency Only	911
Non-emergencies	510.723.6923
Building 200 — www.chabotcollege.edu/safety	

STUDENT SERVICES

AND COLLEGE PROGRAMS

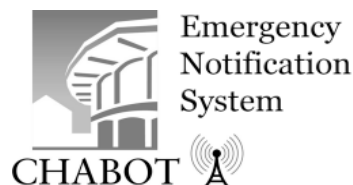
Admissions & Records Office	510.723.6700
Building 700, 1st Floor — www.chabotcollege.edu/admissions	
Assessment Center	510.723.6722
Building 700, 1st Floor — www.chabotcollege.edu/assessment	
Bookstore	510.723.2650
Building 3800 — www.chabotcollege.edu/bookstore	
Career & Transfer Center	510.723.6720
Building 700, 2nd Floor — www.chabotcollege.edu/Counseling/TECS	
Chabot TV 27	510.723.7604
Building 100, 1st Floor — www.chabottv.net	
Children's Center	510.723.6684
Building 3500 — www.chabotcollege.edu/childrenscenter	
Counseling	510.723.7013
Building 700, 2nd Floor — www.chabotcollege.edu/counseling	
Dental Hygiene Program Clinic	510.723.6900
Building 2200 — www.chabotcollege.edu/dhyg/ClinicInfo.asp	
Disabled Students Resource Center (DSRC)	510.723.6725
Building 2400 — www.chabotcollege.edu/dsrc	
ESL Learning Center	510.723.6920
Building 100, 1st Floor — www.chabotcollege.edu/languagearts/ESL/languagecenter.asp	
Extended Opportunity Programs & Services (EOPS)	510.723.6909
Building 700, 2nd Floor — www.chabotcollege.edu/eops	
Financial Aid Office	510.723.6748
Building 700, 1st Floor — www.chabotcollege.edu/finaid	
International Student Program	510.723.6715
Building 700, 1st Floor — www.chabotcollege.edu/international	
KCRH Radio	510.723.6954
Building 100, 1st Floor — www.chabotcollege.edu/KCRH	

STUDENT SERVICES

AND COLLEGE PROGRAMS CONTINUED

Library	510.723.6764
Building 100, 2nd Floor — www.chabotcollege.edu/library	
Online Services & Photo ID	510.723-6770
Building 700, 1st Floor — www.chabotcollege.edu/onlineservices	
PACE Program	510.723.2626
Building 400, 1st Floor — www.chabotcollege.edu/PACE	
Performing Arts Center	510.723.6976
Building 1300 — www.chabotcollege.edu/PAC	
Puente Program	510.723.7120
Building 700, 2nd Floor — www.chabotcollege.edu/puente	
Registered Nursing Program	510.723.6896
Building 2300, 2nd Floor — www.chabotcollege.edu/nursing	
Special Programs	510.723.6917
Building 700, 2nd Floor — www.chabotcollege.edu/specialprograms	
Spectator Newspaper	510.723.6919
Building 2300, 2nd Floor — www.thechabotspectator.com	
STEM Center	510.723.7679
Building 3900, room 3906 — www.chabotcollege.edu/STEM	
Student Health Center	510.723.7625
Building 200 — www.chabotcollege.edu/healthcenter	
Student Life Office	510.723.2685
Building 2300, 2nd Floor — www.chabotcollege.edu/studentlife	
Tutoring - Learning Connection	510.723.6920
Building 100, 1st Floor — www.chabotcollege.edu/learningconnection	
Umoja Program (<i>formerly Daraja Program</i>)	510.723.6747
Building 700, 2nd Floor — www.chabotcollege.edu/daraja	
Veterans Resource Center & Services	510.723.7582
Building 2300, 2nd Floor — www.chabotcollege.edu/veterans	
Vice President, Academic Services	510.723.6627
Building 200 — www.chabotcollege.edu/academics	
Vice President, Student Services	510.723.6743
Building 100, Room 708 — www.chabotcollege.edu/studentervices	
Writing & Reading Across the Curriculum (WRAC)	510.723.7408
Building 100, 1st floor — www.chabotcollege.edu/learningconnection/WRAC	

For campus map, see last page of back cover.



Chabot College offers a SMS-based emergency notification service for your mobile phone. In the event of an emergency, Chabot students, staff, faculty and others will be alerted in real-time important security information. Learn more at www.chabotcollege.edu/safety.

WHERE TO GO FOR HELP

Subject	First Level for Decision or Action	Second Level for Appeal of Decision or Action
Academic Matters.....	Instructor	Division Dean
Academic Dimissal.....	Director, Admissions & Records.....	VicePresident, Student Services
Academic Probation.....	Dean of Counseling.....	Vice President, Student Services
Admissions	Director, Admissions & Records.....	Vice President, Student Services
ADA (American with Disabilities) Complaints.....	Vice President, Student Services	President
Attendance	Director, Admissions & Records.....	Vice President, Student Services
Course Substitution/Waiver of Program Requirement.....	Division Dean	Dean of Counseling
Discipline, Student	Vice President, Student Services	President
Discrimination Matters	Vice President, Student Services	President
Fee Payments or Refunds and Non-Resident Tuition	Director, Admissions & Records.....	Vice President, Student Services
Financial Aid	Director, Financial Aid.....	Vice President, Student Services
Grade Maintenance.....	Director, Admissions & Records.....	Vice President, Student Services
High School Student Registration.....	Director, Admissions & Records.....	Vice President, Student Services
Posting	Director, Student Life	Vice President, Student Services
Prerequisite Challenge.....	Division Dean	Dean of Counseling
Residency Determination	Director, Admissions & Records.....	Vice President, Student Services
Registration	Director, Admissions & Records.....	Vice President, Student Services
Security & Parking	Director, Campus Safety	Vice President, Administrative Services
Sexual Harassment: Students	Dean of Counseling.....	Vice President, Student Services
Sexual Harassment: Employees.....	District Director of Human Resources.....	District Chancellor
Student Records.....	Director, Admissions & Records.....	Vice President, Student Services
Student Success & Support Programs (SSSP)	Dean of Counseling.....	Vice President, Student Services
Withdrawal with Extenuating Circumstances.....	Dean of Counseling.....	Vice President, Student Services

STUDENT CONDUCT AND DUE PROCESS POLICY

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Join an FYE Pathway and transfer quickly

CHABOT PATHWAYS FIRST YEAR EXPERIENCE

First Year Experience (FYE) Pathways allow incoming students to maximize their first year of college by getting comfortable on campus and connecting with new friends. FYE Pathway students are provided additional support and guidance while they explore their interests and work towards their degree. For details about FYE, visit our website: www.chabotcollege.edu/counseling/fye.

ATHLETES

PSCN 13	Multi.Issues/America	Online	CRN 20389
PSCN 23	College Readiness	Online	CRN 22108
HLTH 1	Intro. to Health	Online	CRN 21856
ENGL 1A	Critical Read./Comp.	MW 10:30-11:45	CRN 22558
ENGL 4	Critical Think/Write Lit.	TR 10:30-11:45	CRN 20217
PSYC 1	General Psychology	M 6:00-7:50	CRN 22738*

*This section is a hybrid course conducted both on campus and over the internet.

CHANGE IT NOW! (CIN)

ENGL 102	Read/Reason/Write	MW 10:30-12:40	CRN 21123
ENGL 1A	Critical Read./Comp.	MW 10:30-11:45	CRN 21007
COMM 1	Fund. of Speech Com.	TR 10:30-11:45	CRN 20885
GNST 32A	Social Justice Lead.	MW 1:30-2:20	CRN 22787
PSCN 20	The College Experi.	TR 9:30-10:20	CRN 22339

* Students take English at level assessed into and 2-3 of the additional pathway courses.

INDUSTRIAL TECHNOLOGY

<i>(CNC, Welding, Adv. Manufacturing, Electronics, and Automotive Technology)</i>			
GNST 6	Passion & Purpose	MW 4:00-4:50	CRN 23142
MTT 70	Intro. Machine Shop	T 9:00-10:50	CRN 23018
		10:00-10:50 (Lab)	
		R 9:00-10:50 (Lab)	
WLD 70	Intro. to Welding	R 1:00-1:50	CRN 21426
		2:00-4:50 (Lab)	
ESYS 50	Intro. Elec.Sys.Tech	R 6:30-10:05	CRN 20866*

*This section is a hybrid course conducted both on campus and over the internet.
ENGR 10 Intro. to Engineering TR 11:00-11:50 CRN 20165
INDT 74 Measure. & Calc. MW 5:10-6:25 CRN 22797
ATEC 50 Intro. Automotive Tech. TR 1:00-3:15 CRN 21145

PUBLIC SERVICE AND LAW

ADMJ 50	Intro. Admin. Justice	MW 10:30-11:45	CRN 20063
PSCN 20	The College Experi.	T 1:00-2:50	CRN 22338
ENGL 102	Critical Think/Write Lit.	TR 8:10-10:20	CRN 20271
ENGL 1A	Critical Read./Comp.	TR 9:00-10:15	CRN 20792
ENGL 1A	Critical Read./Comp.	TR 10:30-11:45	CRN 20132
PSY 1	General Psychology	MW 9:00-10:15	CRN 21648
PSY 1	General Psychology	M 6:00-7:50	CRN 22738*

*This section is a hybrid course conducted both on campus and over the internet.
PHIL 60 Intro to Phil: Ethics TR 9:00-10:15 CRN 22270
* Students take ADMJ 50 and PSCN 20, English at the level assessed into, and have the option of taking a Psychology or Philosophy course.

VISUAL ARTS

GNST 6	Passion & Purpose	TR 11:00-11:50	CRN 23128
ART 23	2-D Foundations	F 9:00-11:50	CRN 23215*
ENGL 102	Critical Think/Write Lit.	TR 8:10-10:20	CRN 20271
ENGL 1A	Critical Read./Comp.	TR 9:00-10:15	CRN 20792
ARTH 1	Introduction to Art	MW 10:30-11:45	CRN 20722

* Students take GNST 6, ART 23, ARTH 1 and English at the level assessed into.

FYE MATH SECTIONS

MTH 104	Pre-Algebra	MTWR 9:30-10:20	3 units
MTH 65	Elementary Algebra	MTWR 9:00-10:15	5 units
MTH 55	Intermediate Algebra	TR 1:30-3:45	5 units
MTH 55	Intermediate Algebra	MTWR 9:00-10:05	5 units
MTH 53	Applied Algebra & Data Analysis	TWR 8:30-10:15	5 units

Take a math course at the level you assessed into and that is offered for your pathway.

PRE-HEALTH AND COMMUNITY WELLNESS

HLTH 40	Intro. to Health Prof.	TR 10:30-11:20	CRN 23281
MTH 104	Pre-Algebra	MTWR 9:30-10:20	CRN 22317
ENGL 102	Read/Reason/Write	MW 10:30-12:40	CRN 22236
ENGL 1A	Critical Read./Comp.	MW 10:30-11:45	CRN 22853
PSY 1	General Psychology	MW 1:15-2:30	CRN 22583

* Students take HLTH 40, Math 104, PSY and English at the level assessed into.

HEALTH AND COMMUNITY WELLNESS

HLTH 40	Intro. to Health Prof.	TR 10:30-11:20	CRN 23281
PSY 1	General Psychology	MW 1:15-2:30	CRN 22583
ENGL 102	Read/Reason/Write	MW 10:30-12:40	CRN 22236
ENGL 1A	Critical Read./Comp.	MW 10:30-11:45	CRN 22853
MTH 53	Applied Algebra	M 8:30-9:20 (Lec)	CRN 21546
		9:25-10:15 (Lab)	
		TWR 8:30-9:55 (Lec)	
MTH 55	Intermediate Algebra	MTWR 9:00-10:05	CRN 20669
MTH 65	Elementary Algebra	MTWR 9:00-10:05	CRN 20676

* Students take HLTH 40, PSY 1, and English/Math at the level assessed into.

** Students who assessed in higher than Math 53 or 55 should find any open section of higher math that fits your FYE schedule.

PRE-STEM

GNST 5A	Passion & Purpose	T 1:00-1:50	CRN 22819
		R 1:00-3:50	
MTH 65	Elementary Algebra	MTWR 9:00-10:05	CRN 20676
ENGL 102	Critical Think/Write Lit.	MW 10:30-12:40	CRN 22235
ENGL 1A	Critical Read./Comp.	MW 10:30-11:45	CRN 22559
PSY 1	General Psychology	TR 10:30-11:45	CRN 23061
PHIL 60	Intro to Phil: Ethics	TR 9:00-10:15	CRN 22270

* Students take GNST 5A, Math and English at level assessed into and select either PSY 1 or PHIL 60.

STEM

STEM 1	Intro.Sci. Tech.Eng.Math	T 1:00-3:50	CRN 22501
		R 1:00-1:50	
PSY 1	General Psychology	TR 10:30-11:45	CRN 23061
PHIL 60	Intro to Phil: Ethics	TR 9:00-10:15	CRN 22270
ENGL 102	Critical Think/Write Lit.	MW 10:30-12:40	CRN 22235
ENGL 1A	Critical Read./Comp.	MW 10:30-11:45	CRN 22559
MTH 55	Intermediate Algebra	TR 1:30-3:45	CRN 20667

* Students take GNST 5A, English at the level assessed into, Math 55 and select either PSY 1 or PHIL 60.

** Students who assessed higher than Math 55 should find any open section of higher math that fits your FYE schedule.

BUSINESS

GNST 6	Passion & Purpose	TR 1:00-1:50	CRN 23127
BUS 12	Intro. to Business	TR 10:30-11:45	CRN 20396
ENGL 102	Read/Reason/Write	MW 10:30-12:40	CRN 20716
ENGL 1A	Critical Read./Comp.	MW 10:30-11:45	CRN 21007
MTH 53	Applied Algebra	M 8:30-9:20	CRN 21546
		9:25-10:15 (Lab)	
		TWR 8:30-9:55	
MTH 55	Intermediate Algebra	MTWR 9:00-10:05	CRN 20669
MTH 65	Elementary Algebra	MTWR 9:00-10:05	CRN 20676
PHIL 60	Intro to Phil: Ethics	TR 9:00-10:15	CRN 22270

* Students take GNST 6, BUS 12, English at level assessed into and have an option to take or being the math sequence starting at level assessed into.

FYE ENGLISH SECTIONS

ENGL 102	Read/Reason/Write-Accelerated	MW 10:30-12:40	4 units
ENGL 102	Read/Reason/Write-Accelerated	MW 10:30-11:45	4 units
ENGL 102	Read/Reason/Write-Accelerated	TR 8:10-10:20	4 units
ENGL 102	Read/Reason/Write-Accelerated	MW 10:30-11:45	4 units
ENGL 102	Read/Reason/Write-Accelerated	MW 10:30-11:45	4 units
ENGL 1A	Critical Reading & Composition	TR 9:00-10:15	3 units
ENGL 1A	Critical Reading & Composition	TR 10:30-11:45	3 units
ENGL 1A	Critical Reading & Composition	MW 10:30-12:40	3 units
ENGL 1A	Critical Reading & Composition	MW 10:30-11:45	3 units
ENGL 1A	Critical Reading & Composition	MW 10:30-11:45	3 units
ENGL 1A	Critical Reading & Composition	MW 10:30-11:45	3 units
ENGL 4	Critical Think/Write Lit	TR 10:30-11:45	3 units

Take an English course at the level you assessed into and that is offered for your pathway.

CRN 22317	Pathway(s): Pre-Health & Community Wellness
CRN 20676	Pathway(s): Pre-STEM, Business, Health & Community Wellness
CRN 20667	Pathway(s): STEM
CRN 20669	Pathway(s): Business, Health & Community Wellness
CRN 21546	Pathway(s): Business, Health & Community Wellness

CRN 21123	Pathway(s): CIN
CRN 20716	Pathway(s): Business
CRN 20271	Pathway(s): Public Service & Law, Visual Arts
CRN 22235	Pathway(s): STEM, Pre-STEM
CRN 22236	Pathway(s): Health & Community Wellness, Pre-Health & Community Wellness
CRN 20792	Pathway(s): ALL (Public Service & Law, Visual Arts)
CRN 20132	Pathway(s): ALL (Public Service & Law, Visual Arts)
CRN 21007	Pathway(s): CIN, Business
CRN 22558	Pathway(s): Athletes
CRN 22559	Pathway(s): STEM, Pre-STEM
CRN 22853	Pathway(s): Health & Community Wellness, Pre-Health & Community Wellness
CRN 20217	Pathway(s): Athletes

STEPS TO GETTING STARTED

Applying to and registering in classes at Chabot College involves some important steps. Each step is described below with specific instructions for **new**, **returning**, and **continuing** students.

1 APPLY FOR ADMISSION ONLINE

Continuing students can skip to next step.

New and **returning** students must submit an application for admission. Apply online at www.chabotcollege.edu. For assistance, visit Student Online Services (Building 700, 1st Floor).

After applying and being admitted, you will get a unique **student ID number (W number)** by email. Returning students will retain their previous Chabot College student ID number.

If you do not receive this email (check your spam folder) within two business days after submitting your online application for admission, you may also obtain your student ID number by:

A. If you provided your social security number when applying online, then log into CLASS-Web:

- Go to www.chabotcollege.edu.
- Click the *CLASS-Web* icon.
- Enter your user ID (Your social security number).
- Enter your PIN (Your birthdate in numerical format: MMDDYY).
- Log in and click the *What is my W ID?* link.

If your PIN is disabled, visit the Admissions & Records Office with your photo ID or email ccarcom@chabotcollege.edu

B. If you did not provide a social security number when applying online, then you may obtain your student ID number by visiting the Admissions & Records Office with your photo ID.

After obtaining your student ID number, students who attended another college / university must submit their official college transcripts to the Admissions & Records Office.

2 APPLY FOR FINANCIAL ASSISTANCE

All students should consider applying for financial help. Financial aid can help pay for enrollment fees, books, transportation, and other educational costs for eligible students. (For more details, see **pages 18-20** and visit www.chabotcollege.edu/finaid.)

Tip: Complete steps 3, 4 and 5 (SSSP core services) to get priority registration and better your chances of getting the classes you want!

(See **pages 9-10** for more registration and SSSP

3 COMPLETE ASSESSMENT TESTING

All students planning to register for certain English, ESL, or Math classes or any class requiring the assessment test to prove appropriate skill level must complete the assessment test. **Returning** and **continuing** students who previously completed the assessment test, and who are satisfied with their results are not required to complete this step again. (See **page 11** for assessment dates and times.)

4 COMPLETE THE ORIENTATION

All students should complete the online orientation available at www.chabotcollege.edu/counseling/orientation. **Returning** and **continuing** students who previously completed the orientation are not required to complete this step again.

5 COMPLETE YOUR STUDENT EDUCATIONAL PLAN (SEP)

New, first time in college students should attend a PSCN 25 group planning session to create an abbreviated, one-semester SEP. (See **page 10** for more detail and instructions on how to sign up for a PSCN 25 group planning session.) **Returning, new transferring-in**, and **continuing** students who do not have an SEP on file should visit the Counseling Front Desk (Building 700, 2nd Floor) to request an appointment to develop an SEP. For details about scheduling an appointment, please visit www.chabotcollege.edu/counseling/appointments.asp

6 REGISTER FOR YOUR CLASSES

All students should log into CLASS-Web or The Zone to register for classes on their assigned registration date. (See **page 14** for instructions on adding classes.) Special registration assistance is available to students with disabilities through the Disabled Student Resource Center (Building 2400). Be sure to attend the first day of class. Failure to attend **may** result in being dropped from class.

Now you have applied and registered for your classes, there are few more steps to complete to ensure you start the semester off right!

A ACCESS YOUR STUDENT ZONEMAIL

All admitted students are given a student email account through The Zone web portal. All messages from the college are sent to this account. To access your Zonemail account:

- Go to www.chabotcollege.edu.
- Click on *The Zone* icon.
- Enter your user ID (Your student ID number).
- Enter your PIN (Same six-digit PIN used for CLASS-Web).
- Log in and click *What is my college/district email address?* link under *Quick Check*.
- Click the *Email* icon and log in with the email username (just the part before the @ sign) and password (same six-digit PIN used for The Zone and CLASS-Web).



B PAY YOUR FEES

Be sure to pay your fees (or sign up for a payment plan) by the posted due date. (See **pages 15-16** for more detail.)

C BUY YOUR PARKING PERMIT

Students who plan to drive to and park on campus must purchase a parking permit. (See **page 16** for more detail.)

D GET YOUR STUDENT ID CARD

All students should visit Student Online Services (Building 700) to get their free student ID card. A current picture ID and class schedule print-out is required.

E BUY YOUR BOOKS

Visit www.chabotcollege.edu/bookstore or the Bookstore (Building 3800) to purchase your textbooks.

ADMISSION INFORMATION

ADMISSION ELIGIBILITY

To be eligible for Chabot College admission, the student must be at least 18 years old or have one of the following:

- U.S. High School Diploma
- General Education Degree (GED)
- California High School Proficiency Certificate

Apply online at www.chabotcollege.edu.

STUDENT	APPLICATION PROCEDURES
NEW	Apply online.
RETURNING	Reapply online if you last attended more than two terms ago.
CONTINUING	Don't reapply if you were enrolled in Spring 2017.
INTERNATIONAL	Visit the International Student Program's website for additional application procedures. See below.
CONCURRENT ENROLLMENT	See application instructions on page 8 .
DENTAL HYGIENE	Visit the Dental Hygiene Program website for additional application procedures. www.chabotcollege.edu/dhyg
NURSING	Visit the Nursing Program website for additional application procedures. www.chabotcollege.edu/nursing

INFORMACIÓN DE ADMISIÓN

El sistema de Colegio Comunitario de California ofrece algo para todos y hay muchas razones por las cuales los estudiantes deciden inscribirse. Estudiantes del Colegio Chabot se inscriben: Para completar sus primeras 60 unidades en un colegio comunitario y después transferirse a la universidad para continuar su educación; para obtener un AA o certificado vocacional; para mejorar sus capacidades de lenguaje o mejorar su empleabilidad mediante sus habilidades de trabajo; o simplemente para aprender algo nuevo.

Es importante que la comunidad latina continúe teniendo interés en el Colegio Chabot. Cuando usted complete la solicitud, por favor indique que es "Hispano". Hemos tenido la oportunidad que la población estudiantil hispana/latina en el Colegio Chabot ha alcanzado el 26%, siendo la población étnica más poblada. Al alcanzar esta meta, el Colegio Chabot está en posición de recibir recursos monetarios para proveer más servicios como consejería, asistencia telefónica y otros servicios necesarios bilingües.

Para más información, comuníquese con El Centro de Transferencia para su Carrera 510.723.6720.

ELEGIBILIDAD DE LA ADMISIÓN

- Uno es elegible de asistir al Colegio de Chabot si tiene un diploma de una escuela secundaria o el equivalent (GED) y por lo menos 18 años de edad, o si es estudiante de una escuela secundaria y tiene una recomendación de su consejero.
- Estudiantes quizás tengan que presentar un comprobante demostrado que han sido un residente de California por un año.
- Estudiantes no ciudadanos quizás tengan que presentar documentos específicos para determinar si son sujetos a pagar la enseñanza como "no residente" o estudiante internacional.
- Estudiantes que son miembros de las fuerzas armadas de los Estados Unidos, estacionados en California en servicio activo tendrán el derecho de ser clasificado como residente por un año.
- Por ley, todos solicitantes masculinos para admisión, como estudiante no graduado son obligados a registrarse con el Servicio de Selección.
- Dependientes de veteranos incapacitados o fallecidos pueden ser elegibles para eliminar el costo de matriculación. Comuníquese con la Oficina de Veteranos al 510.723.7582.

CALIFORNIA NON-RESIDENT

TUITION EXEMPTION REQUEST (AB 540)

Any student, other than a nonimmigrant alien, who meets all of the following requirements, shall be exempt from paying non-resident tuition at the California Community Colleges, the University of California, and the California State University (all public colleges and universities in California). **Requirements:** (1) The student must have attended a high school (public or private) in California for three or more years. (2) The student must have graduated from a California high school or attained the equivalent prior to the start of the term (for example, passing the GED or CA High School Proficiency exam).

EXCEPCIÓN DE LA MATRÍCULA DE NO-RESIDENTE DE CALIFORNIA

Todos los estudiantes (menos los extranjeros que no sean inmigrantes) que cumplen con los requisitos siguientes no tienen que pagar la matrícula de no-residente en las universidades públicas del estado de California, que son: los California Community Colleges, California State University, y University of California. **Los Requisitos:** • El estudiante tiene que haber asistido a clases en una High School en el estado de California (pública o privada) por lo menos tres años. • El estudiante tiene que haberse graduado de una High School de California o haber aprobado un examen de graduación (por ejemplo, el GED o el examen California High School Proficiency) antes del comienzo del periodo académico. • Todos los estudiantes que no tengan un estado de inmigración legal deben someter una declaración con la universidad en la cual indiquen que ya han sometido una petición para arreglar tal estado o, si esto no es posible en la actualidad, que lo van a hacer tan pronto califiquen.

<http://www.chabotcollege.edu/admissions/fees/AB540IntersegAffidavit.pdf>

INTERNATIONAL STUDENT PROGRAM

Chabot College is authorized under federal law to enroll nonimmigrant alien students. Students wishing to apply for admission to Chabot College will need to submit academic transcripts or certificates, TOEFL or IELTS exam results, evidence of financial support and health examinations. They will also need to submit a "standard" Application for Admission online and the International Student Application. Chabot College will make every effort to advise prospective international students of their admission status as soon as possible after receiving the required documents. International students are encouraged to apply as far in advance of the desired entry date as possible to allow sufficient time for application processing and other arrangements.

To be considered for admission, a student must submit all required materials by deadline posted on the International Student Program's website. Due to the visa application process at the U.S. Embassies and Consulates, overseas applicants are strongly encouraged to apply as early as possible.

Upon receipt of all required documents, you will be notified by email of your acceptance to Chabot College. Chabot College welcomes your application as an international student, and our staff will make every effort to assist you.

INTERNATIONAL STUDENT PROGRAM

Phone: 510.723.6715

Location: Building 700, 1st Floor, Room 703E

Email: intladms@chabotcollege.edu

Website: www.chabotcollege.edu/international

ADMISSION INFORMATION

VETERANS SERVICES

Chabot College offers instruction to service members, reservists, and other eligible persons under Title 38, United States Code and Department of Veterans Affairs regulations. Chabot College is also a proud participant of the Principles of Excellence Program.

USING YOUR EDUCATION BENEFIT

Veterans and dependents wishing to use their education benefit provided through the Department of Veterans Affairs must first apply for admission to Chabot College. Basic categories of education benefits include: Post 9/11 GI Bill®, Montgomery GI Bill® (Active Duty/Selected Reserve), Vocational Rehabilitation, Dependent Education Assistance, and Reserve Education Assistance Program. After applying for admission, follow the Enrollment Certification procedures outlined below:

1. Apply for VA Education Benefits online at www.gibill.va.gov.
2. Complete the Chabot College online orientation at www.chabotcollege.edu/counseling/orientation.
3. Submit a copy of your DD-214 to Veterans Services to establish priority registration eligibility.
4. If applicable, complete the Math and English Assessment.
5. Submit all official, sealed college and military transcripts to the Admissions & Records Office.
6. Complete your student educational plan with a counselor, and then provide a copy to the Veterans Specialist.
7. Register for classes online via CLASS-Web.
8. Complete the Enrollment Certification Request form at Veterans Services.

MILITARY PRIORITY REGISTRATION

Per California SB 272 and SB 361, priority registration is provided to any member or former member of the Armed Forces of the United States who has received an honorable discharge, a general discharge, or an other than honorable discharge. In addition, per SB 1456, **students must have completed assessment, college orientation, and developed a student education plan to receive the highest level of priority.** (Refer to the next page for more information regarding priority registration.) **NOTE: Dependents of veterans do not qualify for military priority registration.**

Priority registration is not an automatic process. You must complete each Student Success and Support Program (SSSP) core service (assessment, orientation, student education plan) and submit a copy of your DD-214 to Veterans Services (Building 2300, room 2353) or email to cc-veterans@chabotcollege.edu.



VETERANS RESOURCE CENTER

The Veterans Resource Center (VRC) provides veterans and service members with comprehensive student support such as VA education benefits, counseling, computer printing/copy resources, tutoring and more!

VETERANS RESOURCE CENTER & SERVICES

Phone: 510.723.7582
Location: Building 2300, 2nd Floor
Email: cc-veterans@chabotcollege.edu
Website: www.chabotcollege.edu/veterans

CONCURRENT ENROLLMENT PROGRAM

Chabot College provides opportunities for minor students to enroll in college-level, degree-applicable courses for advanced scholastic or advanced vocational purposes.

ELIGIBILITY

To be eligible to participate in the program, students must:

1. Have written parental approval.
2. Limit enrollment to advanced scholastic courses. Enrollment in Physical Education or basic skills courses will not be allowed. (CA Ed. Code, section 48800)
3. Be pre-approved by the Principal and Counselor to pursue specific courses. (CA Ed. Code, sections 48800, 48800.5, & 48802)

SPECIAL ADMISSION PROCEDURES

Students should begin the process for concurrent enrollment early. To enroll concurrently, follow these procedures:

1. Complete the Chabot College admission application online at www.chabotcollege.edu.
2. Complete the (1) *Recommendation for Concurrent Enrollment* and (2) *Release of Personal Information/Emergency* forms available at www.chabotcollege.edu/admissions/concurrent.
3. Submit your current High School transcript. Students attending home school should also submit a copy of their R4 Affidavits. (CA Ed Code, section 33190)
4. Submit all required forms in one packet **by the application due dates** listed below. Packets may be submitted in-person at the Admissions & Records Office or by mail (Chabot College, ATTN: Concurrent Enrollment, Admissions & Records Office, 25555 Hesperian Blvd., Hayward, CA 94545).
5. Following receipt of your packet, you will be sent an email notifying you of your Concurrent Enrollment Program admission status. If approved, you will be assigned a registration date.

TERM	APPLICATION DUE DATES
Summer 1 st 5-week session	May 23, 2017
Summer 8-week session	June 6, 2017
Summer 6-week session	June 12, 2017
Summer 2 nd 5-week session	June 29, 2017
Fall	August 15, 2017

REGULATIONS

- Concurrently enrolled students will be permitted to enroll in no more than six units or two classes per semester – whichever is met first.
- Students will be treated as regular college students and are expected to comply with all college rules and regulations.
- At the completion of the course, student receives college credit.
- Students must arrange for their own transportation to and from the college and provide their own books and equipment.

FEES

Enrollment fees are waived for students in the concurrent enrollment program. The Health Services Fee of \$15 for the Summer semester and \$17 for the Fall/Spring semester are mandatory. Additionally, International and out-of-state students will be assessed tuition of \$245 per unit.

For more information, please visit our Concurrent Enrollment website: www.chabotcollege.edu/admissions/concurrent

PRIORITY REGISTRATION

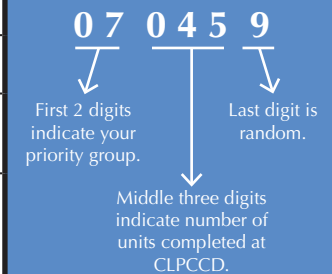
Your registration priority group and registration date are determined by the completion of the 3 Core Services (Assessment, Orientation, and Student Education Plan), the number of units completed and in-progress at Chabot-Las Positas Community College District, and maintaining good academic standing. Your priority registration date and completion status of your assessment, orientation, and student education plan are listed in your CLASS-Web account under the [Check Your Priority Registration Status](#) link.

The California Community College Board of Governors approved a policy change to establish system-wide registration priorities in an effort to improve student success. These regulations were designed to ensure that classes are available for students seeking job training, an associate degree or transfer, and to reward students who are making academic progress towards their academic goals. Under these regulations, new students who have completed college assessment, orientation, and developed education plans, as well as continuing students in good academic standing who have not exceeded 100 units (not including units in basic English, math or English as a Second Language), now have enrollment priority over students who do not meet these criteria. Students now register for classes according to an enrollment priority system as defined by Title 5 regulations and the Chabot-Las Positas Community College District.

PRIORITY GROUP (highest to lowest)	DESCRIPTION	STUDENT SUCCESS & SUPPORT PROGRAM (SSSP) CORE SERVICES		
		ASSESSMENT	ORIENTATION	STUDENT EDUCATION PLAN
09	State-mandated enrollment priority groups: Veterans, EOPS, DSPS, and CalWORKs students in good standing with less than 100 degree-applicable units and who have 3 core services completed; Foster Youth students who have 3 core services completed.	✓	✓	✓
08	College priority groups: Athletes, TRiO, & Aspire students in good standing with less than 100 degree-applicable units and who have 3 core services completed.	✓	✓	✓
07	Continuing students in good standing with less than 100 degree-applicable units who have 3 core services completed.	✓	✓	✓
06	Early Decision (Fall semester only): High School graduating seniors who have been accepted into the program and who have 3 core services completed.	✓	✓	✓
	New students who have 3 core services completed.	✓	✓	✓
	Returning students in good standing with less than 100 degree-applicable units and who have 3 core services completed.	✓	✓	✓
05	State-mandated enrollment priority groups: Veterans, EOPS, DSPS, and CalWORKs students in good standing with less than 100 degree-applicable units and who have not completed 3 core services; Foster Youth students who have not completed 3 core services.	3 core services incomplete.		
04	College priority groups: Athletes, TRiO, & Aspire students in good standing with less than 100 degree-applicable units and who have not completed 3 core services.	3 core services incomplete.		
03	Continuing students in good standing with less than 100 degree-applicable units who have not completed 3 core services.	3 core services incomplete.		
02	Continuing students who have been on academic and/or progress probation for 2 consecutive semesters and/or who have been placed on Academic/Progress Dismissal.			
01	Continuing students with over 100 degree-applicable units.			
00	Open Enrollment: New and Returning students who have not completed 3 core services and students admitted to the College after all other groups have registered.			
	High School Concurrent Enrollment students.			

UNDERSTANDING YOUR PRIORITY

Log into CLASS-web to review your 6-digit priority registration number. Review the example below to interpret your priority registration number:



BOG Fee Waiver Requirements: Community colleges are required to place students on probation who, after attempting at least 12 semester units, either have a grade point average below 2.0 or receive a “withdrawal,” “incomplete,” or “no pass” mark on 50 percent or more of total attempted units. Students who are placed on probation for two consecutive semesters lose their priority registration status. **Effective Fall 2016, students will also lose their BOG fee waiver if they have been on college probation for two consecutive semesters. Those students who lose their BOG fee waiver can regain eligibility when they are no longer on probation. To appeal loss of BOG fee waiver, please visit Counseling Division to complete Loss of BOG Fee Waiver Appeal Petition.**

STUDENT SUCCESS & SUPPORT PROGRAM

YOUR JOURNEY STARTS HERE!

Student Success and Support Program (SSSP), created by the California Legislature, is a program designed to help you succeed at Chabot College. The program defines responsibilities of both the college and you, the student. SSSP requires that you complete assessment, orientation, and a student educational plan (SEP) in order to receive priority registration at Chabot. By completing these core services when you first start attending Chabot, you not only get that priority registration, but also get to form a partnership with Chabot to help you develop and realize your educational goals. SSSP helps you from the moment you apply until you complete your studies at Chabot College!

CORE STUDENT SUCCESS AND SUPPORT PROGRAM (SSSP) SERVICES:

1 ASSESSMENT

SSSP offers an assessment of your English or ESL and Math skills to determine which level of English or ESL and Math are appropriate for you to take so that you will be successful. (See next page for assessment dates and times.)

ASSESSMENT EXEMPTION

English/Math assessment exemption may be available if you have:

1. Taken an AP English and/or Calculus Test and scored a 3 or better. (An official copy of your AP Exam score must be submitted to Admissions & Records Office as soon as possible.)
2. Taken the EAP exam and received a score of "College Prepared" or "College Conditionally Ready."
3. Completed a DSPS diagnostic evaluation.
4. Completed with a grade of "C" or higher (not "C-") a college-level English and/or Math course. (An official copy of all previous college transcripts must be submitted to the Admissions & Records Office as soon as possible.)

Consult the Counseling Division once official records are submitted to determine your English and/or Math placement based on the above alternatives and to complete the assessment exemption form for registration priority.

2 ONLINE ORIENTATION

SSSP offers an online orientation to help with the transition to Chabot College for all students. The online orientation introduces students to the school's programs, services, academic regulations, expectations, campus facilities, and student life. Visit www.chabotcollege.edu/counseling/orientation to complete the online orientation.

3 STUDENT EDUCATIONAL PLAN (SEP)

New, first time in college students should attend a PSCN 25 group planning session to create an abbreviated, one-semester SEP. The SEP helps define what classes to take your first semester to start you on the right path toward your educational goal. Sign up for the PSCN 25 group sessions in the Assessment Center after completing your assessment tests. **Returning, transferring in and continuing students** who do not have an SEP on file should visit the Counseling Front Desk (Building 700, 2nd Floor) to request an appointment to develop a SEP.

ADDITIONAL WAYS TO SUPPORT YOUR STUDENT SUCCESS

We suggest taking these classes to support your academic success in your first year! Psychology-Counseling classes (PSCN) apply counseling theory and practices to the realities of academic success, career-life planning, and being a productive member of a diverse community: **PSCN 10, 12, 15, 18, 20, and 23**. If pursuing Human Services AA Degrees and Certificates or Psychology, Sociology or Social Work as possible majors, consider taking: **PSCN 1, 2, and 13**. PSCN classes are (1) taught by counseling faculty, (2) AA/AS degree-applicable and CSU transferable, and (3) designed to help you succeed. Contact Yetunde Osikomaiya, yosikomaiya@chabotcollege.edu, for more information.

FALL 2017 PSCN COURSE OFFERINGS

CLASS	DESCRIPTION
PSCN 1 3 units	Intro to PSCN in Multicultural Environment: Learn basic counseling skills and explore cultural issues.
PSCN 2 3 units	Intro to Case Management for Human Services: Provides knowledge in case management theory implementation for Human Service, Social Work and/or Mental Health.
PSCN 10 2 units	Career & Educational Planning: Explore career development by looking at your interests, values, needs and skills. Designed to assist in making decisions about your career and educational plans.
PSCN 12 2 units	Self Esteem for Success: Explore how to build self esteem and methods for success.
PSCN 13 3 units	Multicultural Issues in Contemporary America: Focus on improving understanding of other cultures and how those cultures impact American lifestyle.
PSCN 15 2 units	College Study Skills: Review study skill techniques to improve success in college and earn better grades.
PSCN 18 1 unit	University / Transfer Planning: Resources and planning process needed to ease transition from community college to a four-year college or university.
PSCN 20 2 units	The College Experience: Explore academic programs, graduation and transfer requirements, student services and campus resources to improve your experience in college.
PSCN 23 3 units	College Readiness: Develop critical thinking and problem-solving skills that support adjustment to college. Learn about academic success strategies, campus resources and educational planning through self-reflection.

PSCN DEGREES AND CERTIFICATES

Psychology-Counseling offers the Associate in Arts degree (AA), Associate in Arts for Transfer degree (AA-T), Associate in Science degree (AS), Certificate of Achievement (CA), and Certificate of Proficiency (CP) in the following:

- AA** or **AS** in Human Services
- AA** in Liberal Arts
- AA-T** in Elementary Teacher Education
- CA** in CSU GE Breadth
- CA** in IGETC
- CP** in Case Management for Human Services
- CP** in Multicultural Awareness/Relations for the Service Provider
- CP** in Multicultural Awareness/Self Reflection

Review the Chabot College Catalog for more information or visit www.chabotcollege.edu/counseling/pscn.asp.

ASSESSMENT SCHEDULE

IMPORTANCE OF ASSESSMENT

One of the most important keys to success in college is taking courses at the level equal to your current academic skills. Enrolling in courses that are too easy becomes boring and frustrating, while those that are too hard become discouraging. For this reason, we offer the English, Math, English as a Second Language (ESL) assessments, and the Chemistry Test.

Assessment is an important process. How well you do on the assessment test along with other information that you provide us will determine where you will start with regards to your courses. When you come to take the assessment, we expect that you will try your best so that your results are as accurate as possible.

TYPES OF ASSESSMENT

ENGLISH, ENGLISH AS A SECOND LANGUAGE (ESL) AND MATH ASSESSMENT (ACCUPLACER)

The English, ESL and Math Assessment (Accuplacer Online) is a computer-adaptive English and Math assessment tool. The assessment is not timed, however, most students will take approximately 1.5 to complete the English/ESL assessment and approximately 1 hour to complete the math assessment.

CHEMISTRY DIAGNOSTIC TEST

Students interested in taking Chemistry 1A: General College Chemistry have the option of taking the Chemistry Diagnostic Test to fulfill the chemistry prerequisite for this class. This is a timed, paper and pencil test. The time duration for this test is 45 minutes. If you pass the test, you will meet the chemistry prerequisite for Chemistry 1A. If you fail, you will need to complete Math 55 or 55B **and** Chemistry 31 with a grade of "C" or higher in order to meet the prerequisite. Non-programmable calculators are permitted. Arrive no later than 1 hour before closing.

STEPS FOR COMPLETING ASSESSMENT

1 SUBMIT AN ADMISSION APPLICATION

If you have not already done so, submit an admission application online at www.chabotcollege.edu.

2 COMPLETE THE ONLINE ORIENTATION

All students should complete the online orientation available at www.chabotcollege.edu/counseling/orientation. Returning and continuing students are not required to complete this step again.

3 REVIEW OUR STUDY GUIDES

It is important to take the assessment tests very seriously. You may only take an assessment once every six months. Your placement will influence how many Math and English classes you will need to take to complete your goal, and may affect how long you will be at Chabot College. Our study guides will help you to prepare. Review our online study guides at www.chabotcollege.edu/counseling/assessment.

4 ATTEND AN ASSESSMENT SESSION

Attend an assessment session (see schedules to the right). Appointments are not required. Bring your valid Photo ID (you will not be admitted without a photo ID) and know your student ID number.

ASSESSMENT SCHEDULES

Review the assessment schedules below to plan your visit.

ENGLISH, ENGLISH AS A SECOND LANGUAGE (ESL), MATH, AND CHEMISTRY DIAGNOSTIC TEST

OPEN LAB*	MORNING	AFTERNOON & EVENING
MONDAY	9 to 11 AM April 3, 10, 17, 24 May 1, 8, 15, 22 June 12, 19, 26 July 10, 17, 24, 31 August 7, 21, 28	1 to 6 PM April 3, 10, 17, 24 May 1, 8, 15, 22 June 12, 19, 26 July 10, 17, 24, 31 August 7, 21, 28
TUESDAY	9 to 11 AM April 4, 11, 18, 25 May 2, 9, 16, 23, 30 June 13, 20, 27 July 11, 18, 25 August 1, 8, 22, 29	1 to 6 PM April 4, 11, 18, 25 May 2, 9, 16, 23, 30 June 13, 20, 27 July 11, 18, 25 August 1, 8, 22, 29
WEDNESDAY	9 to 11 AM April 5, 12, 19, 26 May 3, 10, 17, 24, 31 June 14, 21, 28 July 5, 12, 19, 26 August 2, 9, 16, 23, 30	4 to 7:30 PM April 5, 12, 19, 26 May 3, 10, 17, 24, 31 June 14, 21, 28 July 5, 12, 19, 26 August 2, 9, 16, 23, 30
THURSDAY	11 AM to 2 PM June 1, 15, 22, 29 July 6, 13, 20, 27	3 to 6:30 PM April 6, 20, 27 May 4, 11, 18, 25 August 3, 10, 17, 24, 31
FRIDAY	9 to 11 AM April 14, 21, 28 May 5, 12, 19, 26 August 11, 18, 25	
SATURDAY	9 to 11 AM August 12	

*Last student check-in during open lab is 1.5 hour before closing.

Please note that English and Math assessments for **high school** concurrent enrollment students are offered on **Mondays only**.

- All Continuing, Returning, and High School Concurrent Enrollment students must have a current application for admissions on file prior to attending the assesment.
- Plan accordingly and arrive no later than 2 hours before closing if you want to complete both assessments.
- All assessments are offered on a first come-first served basis and appointments are not necessary.
- Assessment results are available within 24 hours. You can log into CLASS-Web to get your results online.
- The assessment schedule is planned to the best of Chabot College's ability but may change at anytime. Please check our website for the most updated assessment information.
- For ADA accommodations, please call the Disabled Student Resource Center at 510.723.6725.

ASSESSMENT CENTER

Phone: 510.723.6722

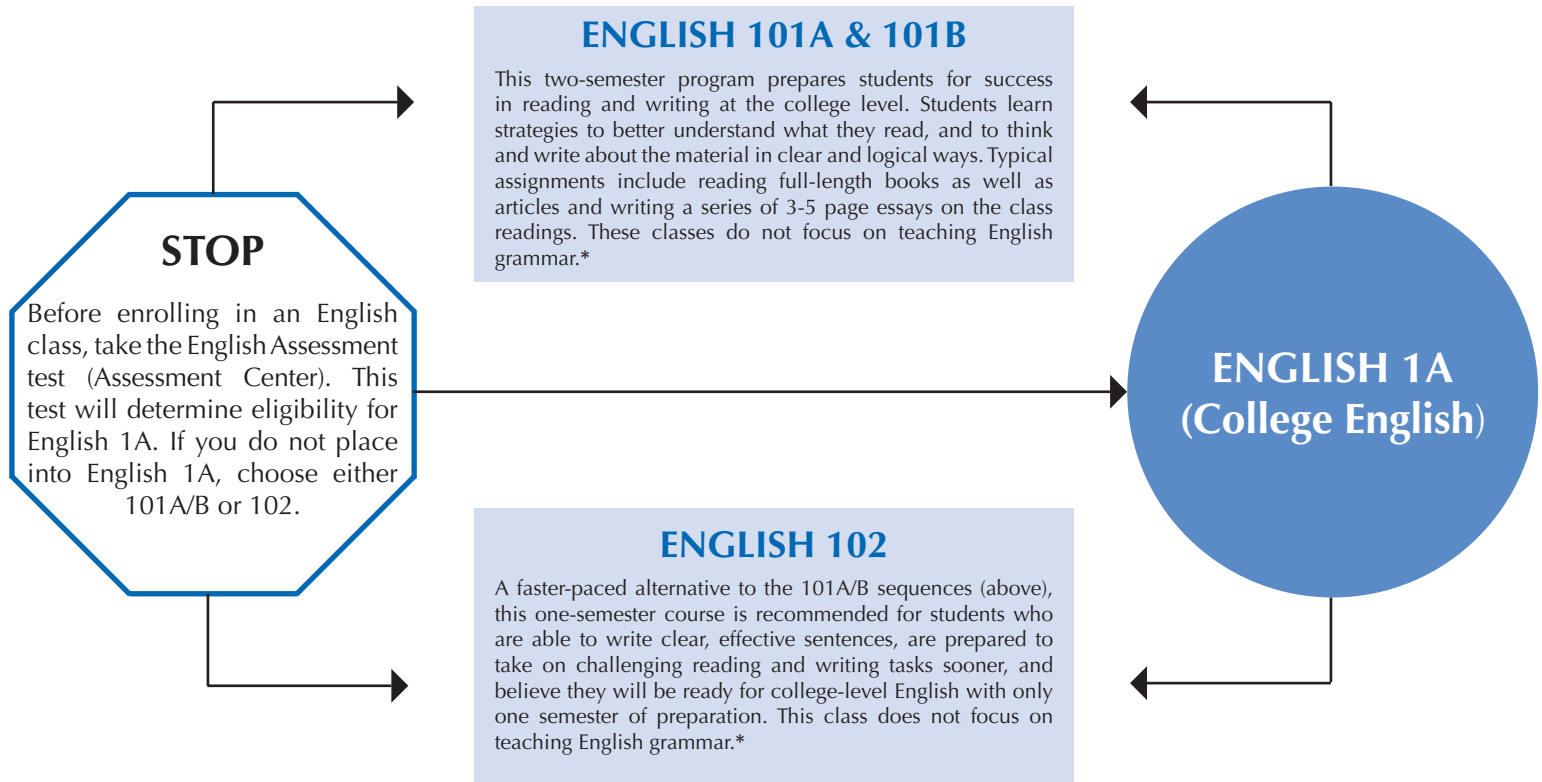
Location: Building 700, Room 714A

Email: cc-assessment@chabotcollege.edu

Website: www.chabotcollege.edu/counseling/assessment

ENGLISH COURSE PROGRESSION

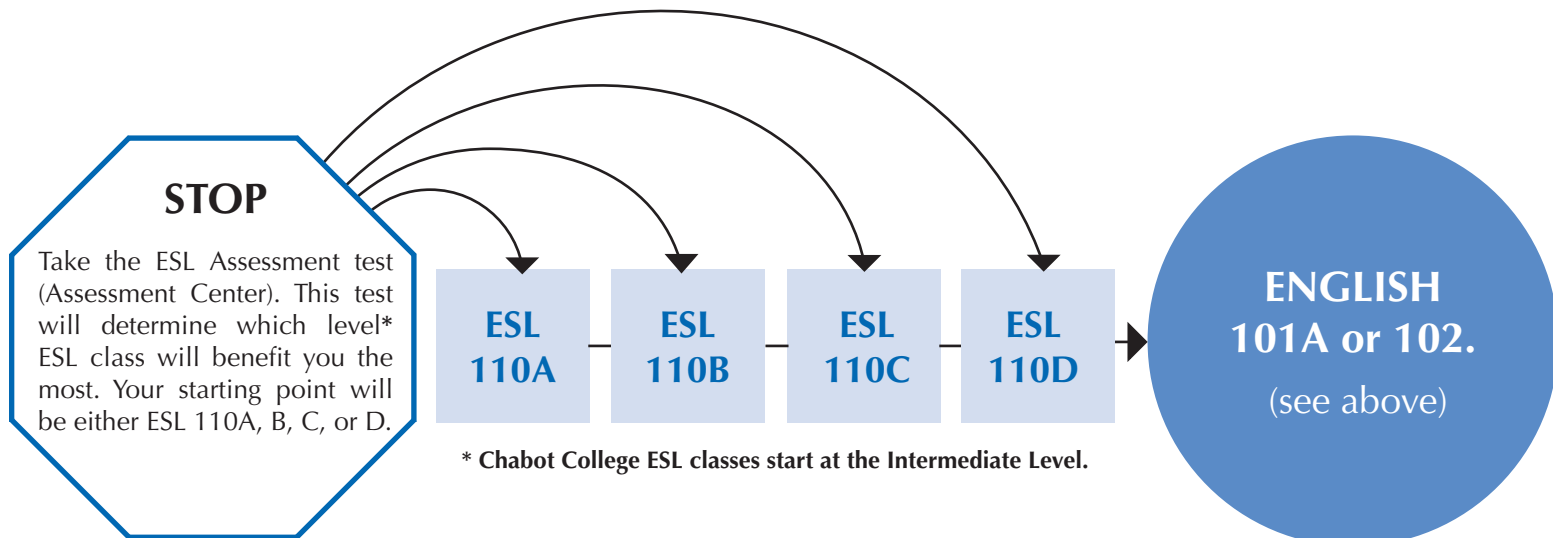
STANDARD ENGLISH COURSE SEQUENCE



NOTE: Chabot offers specialized skill-building support classes (ENGLISH 117 and 118) for students with Learning Disabilities or other learning needs. If you are interested in these support classes or would like to be tested, please register for English 116 (Learning Skills testing course), or make an appointment with a Counselor in the Disabled Students Resource Center (DSRC).

* For English grammar instruction, students may enroll in English 107, an elective.

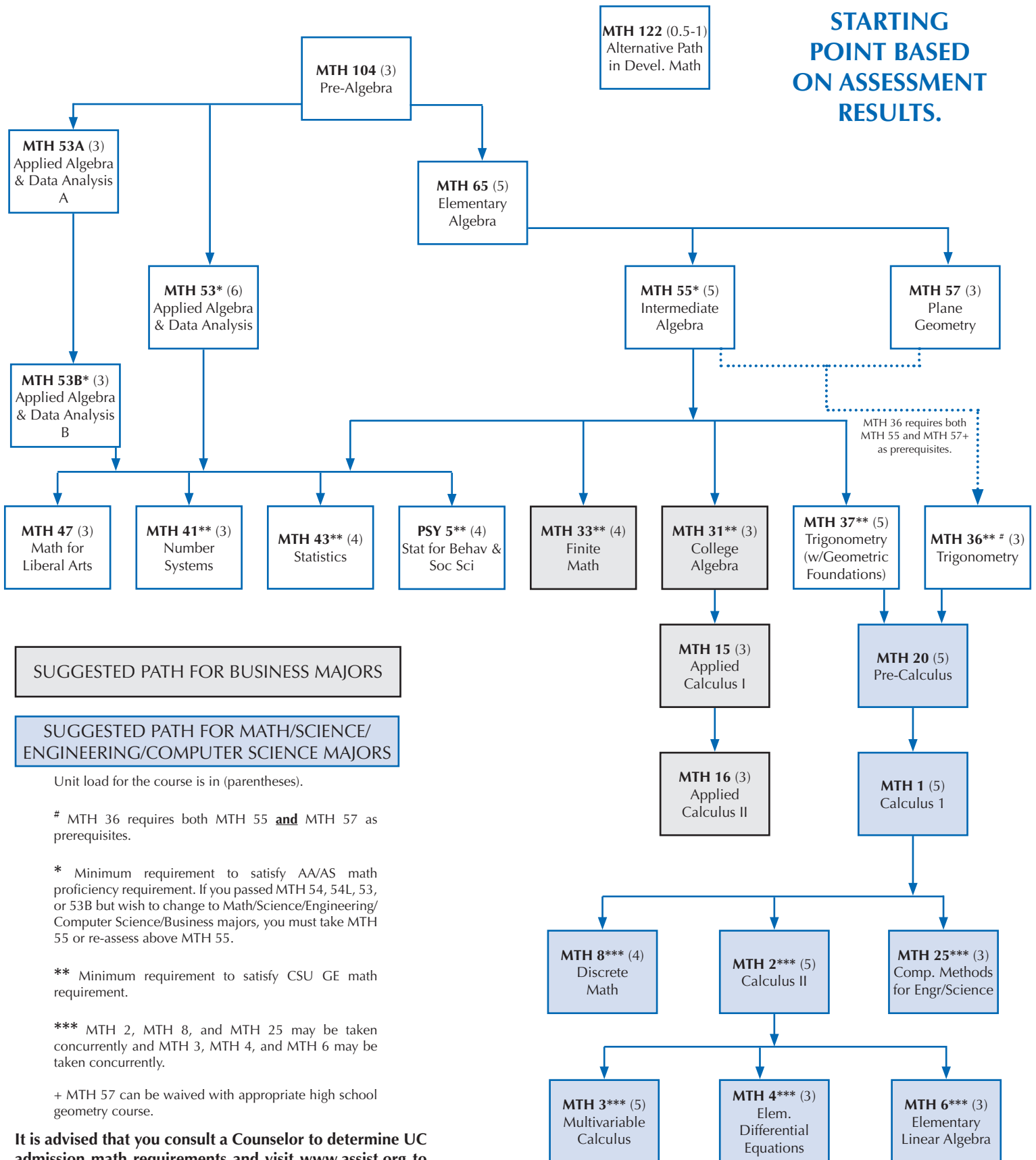
COURSE SEQUENCE FOR ESL STUDENTS



* Chabot College ESL classes start at the Intermediate Level.

MATH COURSE PROGRESSION

STARTING POINT BASED ON ASSESSMENT RESULTS.



It is advised that you consult a Counselor to determine UC admission math requirements and visit www.assist.org to determine math requirements for your major.

REGISTRATION PROCEDURES

REGISTRATION DATES

STUDENT GROUP

	COMPLETE	INCOMPLETE
STATE MANDATED – Veterans, Foster Youth, EOPS, DSPS, CalWORKs.....	April 18	May 10
COLLEGE PRIORITY – Athletes, TRiO/Excel, TRiO/Aspire, TRiO/STEM.....	April 20	May 11
CONTINUING (by units completed at CLPCCD)	April 24	May 12
EARLY DECISION	May 6	May 17
NEW	May 8	May 17
RETURNING (former)	May 9	May 17
STUDENTS ON PROBATION.....	May 16	
100+ DEGREE UNITS COMPLETED	May 16	
OPEN ENROLLMENT.....	May 17	
CONCURRENT ENROLLMENT (Summer - Application due date on page 8)	May 19	
CONCURRENT ENROLLMENT (Fall - Application due date on page 8)	June 19	

STUDENT SUCCESS & SUPPORT PROGRAMS (SSSP) CORE SERVICES (Assessment, Orientation, & Student Education Plan)

COURSE POLICY

The policy of this district is that, unless specifically exempted by statute or regulation, every course, course section, or class, reported for state aid, wherever offered and maintained by the district, shall be fully open to enrollment and participation by any person who has been admitted to the college(s) and who meets such prerequisites as may be established pursuant to regulations contained in Article 2.5 (commencing with Title 5, Section 55200) of Subchapter 1 of Chapter 6 of this Division of Matriculation Regulations.

ADDING CLASSES

Students may attempt to add into open full-term classes during the registration period prior to the start of instruction. Follow the steps below to add a class:

1. Go to **www.chabotcollege.edu**.
2. Login to CLASS-Web.
3. Select the *Student Services* tab.
4. Click the *Registration* link.
5. Click the *Add/Drop Classes* link.
6. Select the term and click the *Submit* button.
7. Enter the course registration number (CRN).
8. Click the *Submit Changes* button.

Students who are on the Waitlist and wish to add should attend their first class. Instructors will issue add authorization numbers to students in order that they appear on the Waitlist. After Waitlist students have been accommodated and instruction has begun, other students may attempt to add into a class but they must do so via the instructor.

Students who have received an add authorization number from the instructor may then add the class via CLASS-Web or The Zone. The student must add the class by the add due date.

DROPPING CLASSES

Students are responsible for dropping or withdrawing from classes. Failure to follow the withdrawal procedures may result in a grade of "F" or "NP."

Students who drop before the drop with NGR due date will not have a grade appear on their transcript.

Use CLASS-Web or The Zone to drop any classes. If a class is canceled or a drop occurs before the drop with NGR due date, the student may apply for a refund through the Admissions & Records Office.

CLASS WITHDRAWAL

Students are responsible for dropping or withdrawing from classes. Use CLASS-Web or The Zone to withdraw from classes prior to the "W" due date. "W" grades are subject to all fees and/or tuition. "W" grades do not affect students' GPA. Excess "W" notations, however, may result in poor progress or dismissal status and may affect financial aid, athletic eligibility, veterans education benefits or priority registration.

Note: Instructors have the option of dropping students who (a) do not attend either of the first two class meetings or (b) have excessive absences (four consecutive or six cumulative hours).

COMMON REGISTRATION ERROR MESSAGES	
EXCESS UNITS	Students are eligible to take up to 18 units. If a student wishes to take more than 18 units he/she must consult with a Counselor.
CLASS OVERLAP	If a class overlaps with another class, the student must request a <i>Class Overlap</i> card at the Admissions & Records Office. The card must be completely filled out by the instructor and signed off by the Dean. The student must then return the completed card to the Admissions & Records Office.
REPEAT LIMIT EXCEEDED	The student must consult with the Counseling Division. (Refer to page 17 for more information.)
PREREQUISITE NOT MET	The student must consult with the Counseling Division. (Refer to page 17 for more information.)
MAJOR RESTRICTION	The specific class CRN you selected is designated for students in that special program (PACE, Puente, Umoja, etc.). Students who are not in a special program must register for a different class section.

CHECK CLASS DROP, PASS/NO PASS, & WITHDRAW DUE DATES

1. Log into CLASS-Web.
2. Select the *Student Services* tab.
3. Click the *Registration* link.
4. Click the *Check class deadlines* link.
5. Enter the CRN.

Admissions & Records Office

Phone: 510.723.6700

Location: Building 700, 1st Floor, Lobby

Email: ccarcom@chabotcollege.edu

Website: www.chabotcollege.edu/admissions

FEES & REFUNDS

ENROLLMENT FEES DUE BY
JUNE 13 if you registered before May 31 or
JULY 26 if you registered between May 31 and July 12

FEE	AMOUNT	DESCRIPTION
ENROLLMENT	\$46 per unit	The enrollment fee for all students, except those exempt by law, is \$46 per unit.
NON-RESIDENT TUITION	\$245 per unit	Non-residents of California are required to pay a tuition fee of \$245 per unit in addition to the enrollment fee and basic fees.
INTERNATIONAL STUDENT TUITION	\$245 per unit	The tuition fee for international students, nonimmigrant aliens or students on other types of visas is \$245 per unit in addition to the enrollment fee and basic fees.
HEALTH SERVICES	\$17	The Associated Student Body adopted a mandatory health service fee of \$17 (Fall and Spring) and \$15 (Summer) assessed to students to support health services for enrolled students.
ASSOCIATED STUDENTS ACTIVITY	\$10	An optional fee of \$10 will be assessed each semester. Students paying this fee receive an activity sticker, which provides merchant discounts and discounts on student activities. Chabot College clubs, scholarships, the Student Center, and other student-related services are supported with this fee.
PARKING	\$2 daily \$30 semester	Parking at Chabot College is by permit only. Daily and semester permits are available. (See next page for more detail.)

(Note: Fees are subject to change without notice.)

STUDENT FEE PAYMENT POLICY

Fees must be paid in full by the scheduled payment due date or you may be dropped from your classes. Enrollment is conditional. The college reserves the right to cancel your registration.

RETURNED CHECK POLICY

According to California Civil Code Section 1719, the Chabot-Las Positas Community College District will assess a service charge of \$25 for the first check passed on insufficient funds and \$35 for each subsequent check passed on insufficient funds.

COLLECTION POLICY

Chabot-Las Positas Community College District may refer a student's outstanding debt to a collection agency and/or the State of California Franchise Tax Board (FTB) for collection. Once referred, additional fees may apply and credit rating may be affected. If debt is referred to the FTB, amounts owed may be deducted from a student's state tax refund, California lottery prize, or unclaimed property.

FEE PAYMENT METHODS

ONLINE: Log into CLASS-Web or The Zone to pay your fees online using a credit card. Payment plans are available. (See next page.)

MAIL: Send a check or money order for full payment to the Admissions & Records Office, 25555 Hesperian, Blvd., Hayward, CA 94545. Allow 1-2 weeks to process payments by mail.

Do not send cash.

DUE DATES FOR FALL ENROLLMENT FEES

- **JUNE 13** if you registered before May 31 or
- **JULY 26** if you registered between May 31 and July 12

ENROLLMENT REFUND POLICY

Students may request a refund of enrollment fees as long as the student withdraws from the class during the first two weeks of class for a regular term class, or by the 10% point of the length of a short-term class. **Refunds are not automatic.** Requests for refunds must be filed by June 30 for the academic year just ended. Credit balances do not carry over from one academic year to the next.

A student who must withdraw for military purpose shall be refunded 100% fees paid, regardless of the date of withdrawal. In this case, requests for refunds made after the end of the academic year will be honored.

APPLYING FOR YOUR REFUND

To apply for an enrollment fee refund, submit an *Application for Refund of Fees* form to the Admissions & Records Office. This form is available online at www.chabotcollege.edu/admissions or from the Admissions & Records Office.

ENROLLMENT FEE REFUND POLICY

- No refunds will be given for classes dropped after the last day to drop with NGR.
- A \$10 processing fee will be subtracted from each enrollment fee refund. (Note: No processing fee will be charged if classes were canceled by the college.)
- Health services and Associated Students activity fees are not refundable.
- Refund checks from the Chabot-Las Positas Community College District Business Office will be sent by mail approximately 6 to 8 weeks after the request is submitted.
- Non-resident and International tuition refunds will be given as follows:
 - Prior to the first day of instruction = 90%
 - During the first week of instruction = 75%
 - After the first week of instruction = No Refund

PAYMENT PLAN & PARKING



AUTOMATIC PAYMENT PLAN

An easier way to pay for college.

To help you meet your educational expenses, Chabot College is proud to offer NELNET as a convenient budget plan. This is not a loan program. There are no interest or finance charges assessed and there is no credit check. The cost to budget your interest-free monthly payment plan is a \$20 per semester nonrefundable NELNET Subscriber's Fee.

ADVANTAGES

- Easy online enrollment
- Monthly payment plan
- Flexible payment options
- No interest

COST TO PARTICIPATE

- \$20 subscriber fee per semester
- \$30 returned payment fee if a payment is returned

PAYMENT METHODS

- Automatic bank payment (ACH)
- Credit card / debit card

SIMPLE STEPS TO ENROLL

1. Go to **www.chabotcollege.edu**.
2. Click the *CLASS-Web* icon.
3. Choose *Sign On to CLASS-Web* and log in.
4. Click on the *e-Cashier* link located on the *Pay Fees Online/Registration Fee Assessment* page.

QUESTIONS?

Have additional questions on how the payment plan works and last day to sign up? Refer to **www.mycollegepaymentplan.com/chabot**. Customer service representatives are available 24/7. For additional information, please call NelNet at 800.609.8056.

STUDENT PARKING PERMITS

Parking at Chabot College is by permit only. Student semester parking permits are only available online through CLASS-Web after registering for classes. **You must have a valid semester parking permit displayed** on your vehicle to park on campus. Permits shall be hung from the rearview mirror or displayed on the vehicle dashboard. If you do not have a valid semester permit, **daily permits** are available for \$2 from dispensers located in all student parking lots. There are **no "grace periods"** or exceptions to the parking rules and regulations without the expressed direction of the Director of Campus Safety and Security.

1 GATHER REQUIRED INFORMATION

Have the following information with you before ordering your permit:

- Student ID Number (W number)
- Vehicle license plate and state of vehicle registration
- Year, make, model, and color of vehicle

2 ORDERING AND PURCHASING YOUR PERMIT

Follow these steps to order and purchase your parking permit:

1. Log into CLASS-Web.
2. Click the *Order a Parking Permit* link.
3. Select type of permit.
4. Select or add a vehicle.
5. Order and pay for permit.

TYPE	FALL/SPRING FEE	SUMMER FEE
MOTOR VEHICLE	\$30	\$15
MOTORCYCLE	\$15	\$7.50
MOTOR VEHICLE FOR BOG STUDENT	\$20	\$15

3 PRINT YOUR TEMPORARY PERMIT

To receive your parking permit, you must first print your temporary parking permit. Once you have printed your temporary permit, you will receive your permanent permit in the mail in approximately 10 business days. Follow these steps to print your temporary permit:

1. Log into CLASS-Web.
2. Click the *Order or Activate a Parking Permit* link.
3. Click the *Print Temporary Permit* link.

DISABLED PARKING

The California Education Code, Section 67301, allows for Community Colleges to charge parking fees or use of the parking lot and specifically provides that student with disabilities and persons providing transportation to students with disabilities shall be required to display a valid parking permit if applicable, for the campus attended. In accordance with state law, the Chabot-Las Positas Board of Trustees has established a policy, which requires disabled students to purchase and display a valid parking permit when parking in any campus parking lots.

Students with disabilities or persons providing transportation to students with disabilities are allowed to park in any available space in Student and Faculty/Staff parking lots unless otherwise prohibited, provided they display a valid disabled placard (or plate) as well as a valid parking permit, as defined in CLPCCD Board Policy 2314.138.

PARKING PERMIT ASSISTANCE: 510.723.7541 or

Email: parkingpermits-chabot@chabotcollege.edu

Leave a message stating your (1) parking permit issue, (2) contact number and email address, (3) student ID number.

COUNSELING SERVICES FOR REGISTRATION

PREREQUISITES

A prerequisite is a requirement that must be completed prior to the registration of a course. For instance, Math 65 must be taken before Math 55; Math 65, in this case, is the prerequisite for Math 55.

Students are responsible for meeting prerequisite(s) wherever listed. Please note that Chabot College's registration system, CLASS-Web or The Zone, recognizes only prerequisites completed at Chabot College.

COURSE PREREQUISITE POLICY

Prerequisite means the preparation or previous course work considered necessary for success in the course. The college requires students to complete prerequisites as pre-enrollment preparation. Prerequisites, which are listed in the College Catalog, include:

1. Courses for which specific prerequisites have been validated.
2. Sequential course work in a degree-applicable program.
3. Courses in which a prerequisite is necessary for transfer to a four-year college.

PREREQUISITE OVERRIDE PROCESS

Official transcripts are not evaluated upon receipt by the Admissions & Records Office. If a student completed an equivalent course at another institution, s/he must submit a *Prerequisite Override Request* to the Counseling Division.

PREREQUISITE OVERRIDE REQUESTS ONLINE

If you have already sent your official, sealed transcript(s) to the Admissions & Records Office, you may request a prerequisite override online at:

www.chabotcollege.edu/counseling/prerequisite-clearance.asp

Your transcripts will be forwarded to a Counselor who will review your documentation and verify prerequisite course equivalency. You will be contacted when the evaluation process is completed.

PREREQUISITE OVERRIDE REQUESTS IN-PERSON

1. Bring your unofficial transcript(s) showing successful completion of equivalent prerequisite coursework to the Counseling Division
2. Request from the Counselor on duty that you need to override the prerequisite for the course you wish to take.
3. Complete the top portion of the override form and return it to the Counselor with your transcript(s). You will be contacted when the evaluation process is completed.

Note: If you are currently taking the prerequisite course, you will be required to provide a letter (on letterhead) from your instructor. The letter must include the following information: your name, course name and number, the grade your instructor expects you will receive, and the instructor's contact number..

COUNSELING DIVISION

Information Line: 510.723.7013

Hours: Posted on website

Location: Building 700, 2nd Floor, Room 752

Email: cc-counseling@chabotcollege.edu

Website: www.chabotcollege.edu/counseling

REPEATING A COURSE

The college recognizes that the most recent completion of a course should most accurately reflect a student's academic progress; thus, students may repeat for credit those courses taken for which grades of "D," "F," or "NP" were received.

Students will be limited to enrolling in the same non-repeatable credit classes a maximum of three times. This includes students who have earned a substandard grade ("D," "F," or "NP") or who have dropped with a "W" (Title 5, Section 55042).

Students attempting to enroll in the same course for a fourth time will be blocked from registration. Please request the petition, and advice, from the Counselor at the Counseling Desk.

Students may not repeat courses in which they received passing grades of "A," "B," "C," or "P." Upon receipt of appropriate documentation, the Vice President of Student Services or designee may permit the repetition of courses for which a grade of "C" or better had been received under the following specific conditions:

1. When the student's previous grade is, at least in part, the result of extenuating circumstances. Extenuating circumstances are verified cases of accident, illness or other circumstances beyond the control of students. (Title 5, Section 55045)
2. When there has been a significant lapse of time since the student previously took the course and there is a college program or other institution of higher education that has a course recency requirement that the student needs to meet. (Title 5, Section 55043)
3. When it is legally mandated that a student repeat a course in order to meet a training requirement as a condition of continued paid or volunteer employment. (Title 5, Section 55000)
4. When a student on active or reserve duty in the U.S. Military received orders compelling withdrawal. Upon verification of orders, enrollment does not count in maximum number of enrollments nor withdrawals. (Title 5, Section 55024)

When a student has repeated a course, the most recent grade points are applied to the student's grade point average and academic progress standing. Students are advised that both the original and subsequent grade will remain on their transcript and that in transferring to other institutions, they may be held responsible for all units attempted.

WITHDRAWING WITH EXTENUATING CIRCUMSTANCES

Students may withdraw from a class with extenuating circumstances after the Withdrawal due date and prior to the start of finals week. To be considered, students must: (1) obtain the *Request for Late Withdrawal* from the Counseling Appointment Desk, (2) contact the instructor to request the instructor's signature and the grade earned at the time the extenuating circumstance began, (3) return the completed, signed request form with appropriate documentation to the Counseling Appointment Desk. Circumstances that will be considered are acute medical problem, acute personal or family problem, employment related problem, or other similar circumstances preventing a student from completing the class.

ACADEMIC AND PROGRESS PROBATION

There are two types of probation: Academic and Progress. Students placed on probation may be required to meet with a Counselor to identify the deficiencies that created the probation status, determine what actions are needed to resolve the problem, and to develop a course schedule for the upcoming semester.

FINANCIAL AID

FINANCIAL AID

For the most current and accurate information, policies, procedures, dates and due dates: www.chabotcollege.edu/finaid

WHAT IS FINANCIAL AID?

Financial aid is money provided by the Federal Government, the State of California, and administered by Chabot College to help cover costs associated with attending college at Chabot. Students at Chabot may be considered for Board of Governor's Fee Waiver (BOG), federal/state grants, scholarship, Federal Work Study, and Direct Student Loans.

HOW TO APPLY FOR FINANCIAL AID?

Each year, each student completes the Free Application for Federal Student Aid (FAFSA) online. Applications are submitted electronically to the US Department of Education, not to the Financial Aid Office (FAO). Use Chabot's Title IV code of 001162 so that Chabot will receive the results electronically from the federal processor. *Until now, students used the prior year's tax and income information.* **See page 19 for important changes to application cycle.**

Applying early and accurately helps us process your file faster; if you respond to us quickly and are eligible for financial aid, you will be able to receive your financial aid award during first disbursements each semester. If you miss the priority due date of 3/2, you can submit a FAFSA at a later date. However, your eligibility for aid may not be determined in time for initial semester disbursements, and you will be responsible for purchasing your own books and materials. We must receive your application before the last date of enrollment in a semester, or by due dates posted on our website.

I'VE APPLIED - NOW WHAT?

Once Chabot receives FAFSA information, student visits The Zone to check status and obtain required follow up forms through provided links, which redirect student to the Forms page.

- Print, complete, sign required forms.
- Students selected for must either verification use the IRS Data Retrieval option from the FAFSA, or submit IRS Tax Transcripts for self/ spouse and/ or parents. We can no longer accept copies of 1040(a)(ez) forms.
- The FAO will not make copies of tax transcripts or other documents. Please bring copies (not your originals) to our office when responding to requests for documents.
- Bring a photo ID each time you visit our office.
- Be prepared for 6-8 weeks for processing during our peak time (typically May-September, Dec-Jan).
- Students who complete the verification process earliest each year will be considered for limited FWS and SEOG funds.
- Due date to submit verification for first Fall disbursement (and last Summer disbursement) is 07/01 each year. Documents submitted after 07/01 will be processed by date received and eligible students may not receive a disbursement until later in the semester. If you submit verification documents after 07/01, you will need to make alternate arrangements to purchase books and complete the semester successfully.
- Students may be required to provide official (unopened) academic transcripts from every college attended prior to Chabot.
- Please review processing details linked on website.

Once you have submitted all requested documents, your file will be reviewed and awarded as appropriate in the order paperwork is received (allow 6-8 weeks), and additional information or documentation may be requested. Disbursement of financial aid will occur only when student's financial aid file is complete, both financial and academic eligibility has been determined, student is admitted to Chabot and enrolled in eligible program of study, and class has begun.

FINANCIAL AID OFFICE

Phone: 510.723.6748

Location: Building 700, 1st Floor, Lobby

Email: cc-finaid@chabotcollege.edu

Website: www.chabotcollege.edu/finaid

School Code: 001162

HOW ELIGIBILITY IS DETERMINED

To be considered eligible for federal and most state aid programs, a student must meet some basic criteria:

- Must have a high school diploma or GED certificate. (If student was enrolled in a program of study prior to 7/1/12, and does not have HS diploma or GED, contact our office for alternate methods of meeting this requirement.)
- Declare a major - Be enrolled as a regular student in an eligible certificate, associate or transfer program at Chabot. To be funded at Chabot, you must be admitted to Chabot in a program of study that we offer; if admitted to LPC, you will not be funded by Chabot, regardless of number of classes enrolled here.
- Be either a US citizen or eligible non-citizen (i.e. permanent resident, resident alien, or refugee). **See page 20 if Undocumented.**
- Establish financial need by FAFSA application and verification process, providing all requested documents.
- Not be in default on federal student loan nor owe repayment on federal student grant.
- Be registered with the Selective Service as required.
- Establish academic eligibility by making Satisfactory Academic Progress (SAP) according to financial aid policy, to include review of prior academic transcripts received by the college.

Your financial need is based on the FAFSA and verification documents you submit. The FAO verifies the accuracy of your application, and determines the type and amount of aid for which you qualify. The FAO will send you an email upon awarding or when awards change, referring you to The Zone, which will show you types and amounts of aid you are eligible to receive. Disbursement of financial aid is prorated by student enrollment each term. Disbursement for enrollment in late start classes will occur on the next disbursement after start of class. **No additional disbursements will be made for late registration, on or after the second major disbursement each term.**

REPAYMENT OF FUNDS

Federal law requires students repay a portion of the federal funds received if they withdraw before the 60% point of the term, even if the withdrawal is not determined until after the end of the term. If you cannot provide documentation of the last date of attendance for each class, you may have to repay all grant aid received during that semester. A hold will be placed on all academic and financial aid services until repayment is made.

GET OUT OF LINE, GO ONLINE

Use The Zone for general financial aid information, and to check status of individual student financial aid file, awards and eligibility. See what documents are needed to process your file, holds, your eligibility for financial aid, academic progress status, and award types with amounts.

Use your Chabot PIN to access The Zone, and print requested documents from our website to avoid an unnecessary wait in line. If you do not plan to attend Chabot during this academic year, please contact us in writing to cancel your financial aid application and further communication from our office.

FRAUD AND ABUSE

The Chabot FAO has ultimate responsibility in awarding and disbursement of financial aid funds. In the event there are concerns about the accuracy or truthfulness about information or documents provided, the FAO will not award or disburse aid.

If it is determined that student has attempted or received financial aid by providing false or misleading information, failure to formally withdraw when no longer attending classes, or otherwise manipulating eligibility criteria in an attempt to receive financial aid, all funds received must be repaid, and student will be referred to the U.S. Department of Education, Office of Inspector General Investigation Services for possible prosecution for fraud.

FINANCIAL AID

IMPORTANT THINGS TO KNOW

Students receive all email notifications via their ZoneMail email address, directing students to check The Zone for missing information, required verification documents, awards and adjustments to awards, and academic ineligibility. (Please note: Your ZoneMail can be forwarded to your personal email address by following instructions online.)

SAP (Satisfactory Academic Progress) - Academic eligibility is based on the student's academic performance. (Cumulative and semester minimum 2.0 grade point average and 67% completion rate, and up to 150% of your program length in attempted hours, which may include units from prior colleges.)

Loss of Fee Waiver - Community colleges are required to place students on college academic probation who, after attempting at least 12 semester units, either have a grade point average below 2.0 or receive a "withdrawal," "incomplete," or "no pass" mark on 50 percent or more of total attempted units. Students who are placed on probation for two consecutive semesters lose their priority registration status. **Effective Fall 2016, students will also lose their fee waiver** if they have been on college academic probation for two consecutive semesters. Those students who lose their fee waiver can regain eligibility when they are no longer on probation.

Loans - Loans are not automatically included in the packaging process, and applications are available only upon request at the Financial Aid Office. The lender for the Direct Loan Program is the Department of Education, and loans are limited based on multiple academic criteria and accumulated loan debt. Required loan counseling and master promissory notes are completed by the student online.

Part Time Enrollment / Disbursements - Student aid awards are displayed assuming FT enrollment. A student may be eligible for aid if enrolled Part Time, and disbursements are prorated for actual enrollment. A student must be enrolled at least half time to be considered for student loans, FWS, SEOG, and state grants.

2nd Disbursement - Enrollment will be frozen at the time of the 2nd major disbursement each semester, and 2nd disbursement amounts will be adjusted for changes in enrollment. Per federal regulation, no additional disbursement will occur for units registered for after this date.

Late Start Classes - Disbursement for late start classes will occur the next scheduled disbursement following the start of class. A student must be registered for those units prior to the scheduled 2nd disbursement.

MAJOR STATE & FEDERAL REGULATORY CHANGES

As a result of legislative changes in recent years, please be aware of these new requirements for the federal student aid programs.

- Students must have a High School diploma or GED. Passing ATB scores or 6 earned college semester units are NO LONGER accepted to meet this requirement for students beginning a program of study after 7/1/12.
- Effective 7/1/13, new borrowers will be ineligible for subsidized loans once they have reached 150% of their program length in attempted units. They also may become responsible for all interest on prior subsidized loans. Prior school academics a loan history will be considered by Department of Education.
- **Pell Lifetime Eligibility Used (LEU) Federal** regulations limit students to a lifetime maximum Pell Grant of 12 semesters / six years or full time equivalent (600%) at any community college, vocational school or four year/bachelor program. Once you reach the 600% Pell LEU, you will be ineligible for any additional Pell Grants. Log into NSLDS using your FAFSA ID and view your LEU, on the Financial Aid Review page.
 - » **What this means for you:** You must plan now for your future, especially if you plan to transfer to a four year college for a Bachelor's degree. The six year limit is a lifetime limit, regardless of completion of your academic goals or Bachelor's degree. This regulation is in effect even if you have had an appeal approved after failure to meet academic progress, it supersedes any prior offer of aid/award, and the Department of Education allows for no appeal or exception. If you do not wish to receive any additional Pell Grant at Chabot, complete the Lifetime Pell Eligibility Acknowledgement form, found online at www.chabotcollege.edu/finaid.

FINANCIAL AID OFFICE

Phone: 510.723.6748

Location: Building 700, 1st Floor, Lobby

Email: cc-finaid@chabotcollege.edu

Website: www.chabotcollege.edu/finaid

School Code: 001162

NEW CHANGES

Significant changes to the Free Application for Federal Student Aid (FAFSA) process will impact millions of students. As of 2017-18 year, students will be able to:

- **Submit a FAFSA Earlier:** Students will be able to file a 2018-19 FAFSA as early as Oct. 1, 2017 rather than beginning on Jan. 1, 2018. The earlier submission date is a permanent change, enabling students to complete and submit a FAFSA as early as October every year.
- **Use Earlier Income Information:** Beginning with the 2017-18 FAFSA, students will report income information from an earlier tax year. For example, on the 2017-18 FAFSA, students (and parents, as appropriate) will report their 2015 income information, rather than their 2016 income information. Use 2016 income tax form to complete your 2018-19 FAFSA or Dream App.
- **Students (and parents) are expected to use IRS Data Retrieval Tool** to securely and accurately transfer IRS tax information to the FAFSA. Using the IRS Data Retrieval Tool increases the accuracy of financial aid awards and reduces the amount of documents that your financial aid office may request. If significant differences between 2016-17 and 2017-18 income, any future 2016-17 disbursement will be stopped until discrepancy is resolved.

FINANCIAL AID REFUNDS THROUGH CHABOT DEBIT CARD

SETTING UP YOUR REFUND PREFERENCE

Your Refund Selection will be sent by mail to the primary address on file with the College. Please be sure we have your most current mailing address on file. And yes, we can deliver your Refund Selection Kit to a P.O. Box. The Refund Selection Kit will be in a bright green envelope with instructions on how to select your refund preference.

ACH TRANSFER

Instead of opening an online account with Bank Mobile, this option lets students transfer their refund to an existing bank account they may have. **Recommended for students with existing banking relationships.** Funds are available within 1–3 days of the refund date..

EASY REFUND (BANK MOBILE)

One Account allows you to receive your financial aid refund within 24 hours of your refund date. You are essentially opening a free online-checking account with Bank Mobile and will be subject to their banking rules/regulations and fees upon the activation of your account with them. Once you open your checking account, it becomes a banker/client relationship that you are responsible for maintaining. See their site for schedule of fees. Alternate bank account options may be offered to you.

PAPER CHECK

To receive your refund by a paper check, select this option. You would receive a check 5–7 business days after refund date.

NEW STUDENTS

This is not a credit card! It's a Debit Card that you will receive if you choose the Bank Mobile account as your refund disbursement option. We will send you a new card in the mail (which is why it's important that your school has your updated mailing address). While you wait for that card, we provide you with a 'Virtual Card' number that you can use for online and phone purchases.

RETURNING STUDENTS

If you have already activated your preference and are a continuing student, please ensure that you will receive your refunds on time by completing the FAFSA early, monitoring your ZoneMail and The Zone, and following up early with FAO to complete your file.

VERIFYING CUSTOMER ID PROGRAM (CIP) & PASSWORD/PIN RETRIEVAL

There is a **dedicated (red) phone line and computer** in Online Student Services for **Bank Mobile customer assistance.**

VERIFYING YOUR CIP FOR ONE ACCOUNT

If Bank Mobile sends you a notification about certifying your CIP, follow the instructions in the email they sent you. You can send a copy of your ID or other document/s requested from you by taking a picture or by scanning it. You can then upload it directly to the Bank Mobile site by logging in to your account.

PASSWORD/PIN RETRIEVAL

Bank Mobile has made the retrieval of your forgotten website account password and PIN much simpler. Go to www.chabotdebitcard.com and first make sure that you "reset password" if you are unable to log in. Check the email you used to activate your Bank Mobile Refund preference and click on the hyperlink the system generates. The link they generate will allow you to automatically create a new password. For your card PIN Retrieval, upon signing into your Bank Mobile Account, go to "profile" and select "password/pin" to reset your pin. You will be asked to provide card information and other verifying information.

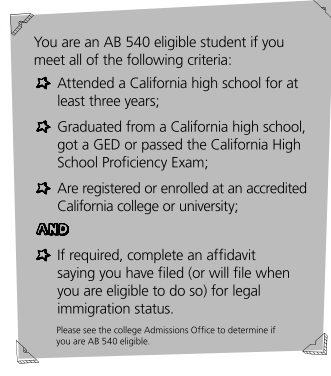
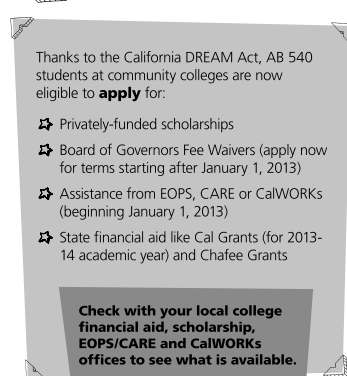
CALIFORNIA DREAM ACT

Out-of-state and undocumented students may pay CA resident tuition rates if they qualify under AB540. Effective January 1, 2013, AB131 made this limited pool of students eligible to apply for the CA Board of Governor's (BOG) Fee Waiver, entitlement Cal Grants, Chafee and some other forms of CA state aid.

Citizenship Status	Complete THIS Application
US Citizen - Born in U.S. or Naturalized Citizen (Birth Certificate, U.S. Passport, Naturalization Certificate)	FAFSA
Permanent Resident (Resident Alien card)	FAFSA (Do NOT do Dream App)
Undocumented AB540 (no permanent Social Security Number, or has SS card with "valid for work only," "not valid for employment")	Dream App

Foreign (visa) students and undocumented students who do not qualify for AB540 are ineligible for any form of federal or state financial aid.

For more info, and links to Dream App and Dream Team, visit:
www.chabotcollege.edu/finaid/dreamact.asp
www.chabotcollege.edu/dreamers



CLASS LISTING GUIDE

BUS 12 INTRO TO BUSINESS

3.0 Units

Survey of the private enterprise system and basic business concepts, business economics, types of business ownership, ethics, globalization, and organizational functions (management, marketing, accounting, and finance).

D = Day Class
E = Evening Class
S = Saturday Class
U = Sunday Class
O = Online Class
(Evening classes are shaded.)

CRN
Class Registration Number used to register for class.

TYPE
Lec = Lecture
Lab = Laboratory
Clin = Clinic

DAYS
Indicates the days of the week the class is offered.
R = Thursday

TIMES
Indicates the times the class is offered.
Course Conflict/Overlap
Students may not enroll in two classes that meet during any part of the same hours.

ROOM
Indicates the room in which the class is held, or whether the class is ONLINE or HYBRID. Classes held off-campus are noted with an asterisk (*).

INSTRUCTOR
Indicates the instructor for the class.

DATES
Indicates the start and end dates for the class.

GRADE CODE
GR = Class must be taken for letter grade.
P/N = Class must be taken for pass/no pass.
OP = Class may be taken for letter grade or pass/no pass.

SECTION
Indicates the section number. For Fall classes:
E## = Short Term
EN# = Short Term Online
EH# = Short Term Hybrid
ON# = Full Term Online
H## = Hybrid
A## = Meets American Cultures requirement
#7# = Evening
#8# = Saturday

D	24044	Lec	MW	1:00	2:15	1609	YOO	08/16-12/19	OP	004
E	24045	Lec	Mon	6:30	9:20	1607	HATTER	08/16-12/19	GR	071
D	24046	Lec	TR	1:00	2:15	1613	KLEIN	08/16-12/19	P/N	005

IMPORTANT DEFINITIONS

If you should see the words *Prerequisite*, *Corequisite*, or *Strongly Recommended* in the class schedule or catalog, it is important for you to understand the definitions of these terms.

PREREQUISITE

Prerequisite: A condition of enrollment which a student is required to meet in order to demonstrate current readiness for enrollment in a course or educational program. A prerequisite represents a set of skills or a body of knowledge that a student must possess prior to enrollment and without which the student is highly unlikely to succeed in the course or program. Students will not be permitted to enroll in such courses and programs without the appropriate prerequisite. The system used for registration recognizes completion of prerequisites at Chabot College or Las Positas College only. If you completed the prerequisite at another institution, you must request a prerequisite override with the Counseling Division. Visit the Counseling Division (Bldg. 700, 2nd Floor) or email cc-counseling@chabotcollege.edu.

COREQUISITE

Corequisite: A condition of enrollment consisting of a course which a student is required to simultaneously take in order to enroll in another course. A corequisite represents a set of skills or a body of knowledge that a student must acquire through concurrent enrollment in another course and without which the student is highly unlikely to succeed. Students must concurrently enroll in the corequisite course.

STRONGLY RECOMMENDED

Strongly recommended: A condition of enrollment which a student is advised, but not required, to meet before, or in conjunction with enrollment in a course or educational program. Strongly recommended preparation represents a set of skills or a body of knowledge with which a student will achieve a greater depth or breadth of knowledge of course material but without which the student is still likely to succeed in the course or program.

TIP:
Check CLASS-Web for most current listing of classes.

The Chabot-Las Positas Community College District reserves the right to cancel classes, to make other changes as college needs require, and to change, without notice, any of the information, requirements and regulations in this schedule of classes.

ONLINE CLASSES

Chabot College offers a wide variety of online and hybrid courses each term. Students can search for online or hybrid classes (online class with in-person meetings) in this class schedule or by using the "Search for Online Classes" link on the CLASS-Web homepage. The enrollment process for online and hybrid classes is the same as for on-campus classes. Therefore, once you have determined which courses you would like to register for, you can enroll using CLASS-Web. Note any required on-campus meetings, technical requirements, or other special notes for the online or hybrid class prior to enrollment. If this is your first time enrolling in an online or hybrid class, please also view the Orientation to Online Learning at www.chabotcollege.edu/online/orientations.

Beginning in summer 2017, Chabot College will use two online course management systems - Blackboard and Canvas. Therefore, some online and hybrid courses will be offered using Canvas, while others will be offered in Blackboard. Please make sure to visit the Online Learning website at <http://www.chabotcollege.edu/online/> to find out which system will be used for each online or hybrid class.

To start an online or hybrid class, log into the online course management system on the first day of the class. Also, be sure to attend any required on-campus meetings for hybrid classes. Instructors may drop students who miss the first meeting of a hybrid class and/or do not log into the online course site and complete the assigned activities by the third day of classes.

Questions about online learning, Canvas, or Blackboard? Please visit <http://www.chabotcollege.edu/online/>



SUMMARY OF SUMMER 2017 ONLINE CLASSES

CRN	Subject	Sec	Title
10752	ADMJ 50	EN1	Intro to Admin of Justice
10437	ANAT 1	H81	General Human Anatomy
10466	ANTH 1	EN1	Biological/Physical
10549	ANTH 3	EN1	Social/Cultural Anthropology
10381	ANTH 4	EN1	Language and Culture
10398	ARCH 12	EN1	Construction Material
10555	ARCH 80	EN1	Architectural Practice
10027	BUS 10	EN1	Business Law
10246	BUS 10	EN2	Business Law
10060	BUS 12	EN1	Intro to Business
10247	BUS 12	EN2	Intro to Business
10119	BUS 14	EN1	Business Communication
10301	BUS 16	EN1	Business Mathematics
10297	BUS 1A	EN1	Financial Accounting
10066	BUS 1A	EN2	Financial Accounting
10059	BUS 1B	EN1	Managerial Accounting
10083	BUS 1B	EN2	Managerial Accounting
10722	BUS 2	EN1	Intermediate Accounting
10174	BUS 22	EN1	Intro to Management
10302	BUS 36	EN1	Intro to Marketing
10177	BUS 7	EN1	Accounting for Small Business
10173	BUS 8	EN1	Payroll Accounting
10303	BUS 92	EN1	Excel Spreadsheets
10551	BUS 93	EN1	QuickBooks
10054	CAS 50	EN1	Intro to Computer Applications
10304	CAS 50	EN2	Intro to Computer Applications
10725	CAS 50	EN3	Intro to Computer Applications
10726	CAS 83	EN1	Info & Comm Tech Ess
10112	CHEM 10	H81	Introduction to Chemistry
10117	ECD 56	EN1	Child Growth and Development
10147	ENGL 1A	EH1	Critical Reading & Composition
10527	ENGL 1A	EH2	Critical Reading & Composition
10082	ENGL 4	EH1	Critical Think/Write
10084	ENGL 7	EH1	Critical Think/Write
10439	ENSC 12	EN1	Current Issues in En
10111	ENTR 1	EN1	Intro to Entrepreneur
10564	ENTR 5	EN1	The Entrepreneurial
10753	ES 1	EN1	Intro to Ethnic Stud
10646	ESYS 50	EH1	Intro-Electronic Sys
10647	ESYS 56A	EH1	Electronic Power System
10712	ESYS 58	EH1	Wireless Communication
10713	ESYS 60	EH1	Electronic Systems A
10102	FRNC 1A	EN1	Beginning French
10675	FRNC 1A	EN2	Beginning French
10308	FRNC 1B	EN1	Elementary French
10074	HIS 12	ENP	History of Californi
10072	HIS 7	AN1	US History Through Reconstruction
10383	HIS 8	AN1	US History Post-Reconstruction
10053	HLTH 1	EN1	Introduction to Health
10081	HLTH 1	EN2	Introduction to Health
10200	HLTH 1	EN3	Introduction to Health
10322	HLTH 16	EN1	Healthy Weight Loss
10530	HLTH 8	EN1	Human Sexuality
10392	HUMN 65	EN1	The American Style
10599	HUMN 68	ENP	World Mythology
10274	KINE 1	EN1	Intro to Kine & Physical
10663	KINE 11	EN1	Nutrition Sports & H
10727	KINE 15	EN1	Intro to Personal Fitness
10291	KINE 7	EN1	Intro to Lifetime Fitness
10143	MUSL 1	EN1	Introduction to Music
10121	MUSL 3	EN1	World Music
10391	MUSL 8	EN1	Hist Rock & Roll/Pop
10714	MUSL 8	EN2	Hist Rock & Roll/Pop
10067	NUTR 1	EN1	The Science of Nutrition
10144	PHIL 60	EN1	Intro to Phil: Ethic
10522	PHIL 60	EN2	Intro to Phil: Ethic
10523	PHSI 1	H51	Human Physiology
10098	POSC 1	EN1	Intro to American Government
10161	POSC 1	EN2	Intro to American Government
10550	POSC 20	EN1	Comparative Government
10176	PSCN 10	EN1	Career and Education
10399	PSCN 10	EN2	Career and Education
10558	PSCN 13	AN1	Multicultural Issues
10603	PSCN 23	EN1	College Readiness
10386	PSY 1	EN1	General Psychology
10108	PSY 1	EN2	General Psychology
10163	PSY 1	EN3	General Psychology
10275	PSY 1	EN4	General Psychology
10260	RELS 50	EN1	Religions of the World
10557	RELS 50	EN2	Religions of the World
10088	REST 80	EN1	Real Estate Principle
10444	REST 81A	EN1	Legal Aspects of Rea. Est.
10445	REST 83	EN1	Real Estate Finance
10039	REST 84	EN1	Real Estate Practice
10120	SOCI 1	AN1	Principles of Sociology
10179	SOCI 1	AN2	Principles of Sociology
10453	SOCI 1	AN3	Principles of Sociology
10751	SOCI 1	AN4	Principles of Sociology
10277	SOCI 2	EN1	Social Problems
10118	SOCI 4	ANP	Marriage & Family Relations
10105	SPA 1A	EN1	Beginning Spanish
10680	SPA 1A	EN2	Beginning Spanish
10315	SPA 1B	EN1	Elementary Spanish
10395	THTR 10	EN1	Introduction to Theatre

ONLINE CLASSES

(FALL 2017 ONLINE CLASSES CONTINUED)

CRN	Subject	Sec	Title	CRN	Subject	Sec	Title
20768	HIS 8	AN1	US History Post-Reconstruct	20347	REST 81A	ON1	Legal Aspects of Real Estate
20654	HIS 7	AN2	US History Through Reconstruct	22475	SOCI 1	AN4	Principles of Sociology
20659	HIS 7	AN1	US History Through Reconstruct	22530	SOCI 1	AN5	Principles of Sociology
20662	HIS 8	AN2	US History Post-Reconstruct	22267	SOCI 3	AN1	Cultural and Racial Minorities
20685	HIS 7	APN	US History Through Reconstruct	23071	SOCI 2	AN1	Social Problems
22155	HLTH 1	ON3	Introduction to Health	21466	SOCI 1	AN2	Principles of Sociology
21856	HLTH 1	FY1	Introduction to Health	20490	SOCI 1	AN1	Principles of Sociology
21975	HLTH 16	ON1	Healthy Weight Loss	20495	SOCI 1	AN3	Principles of Sociology
21225	HLTH 8	ON1	Human Sexuality	20498	SOCI 4	AN1	Marriage & Family Relations
21239	HLTH 4	HPN	Women and Health	20499	SOCI 1	APN	Principles of Sociology
20621	HLTH 1	ON1	Introduction to Health	22573	SPA 2A	ON1	Intermediate Spanish
20622	HLTH 1	ON2	Introduction to Health	22575	SPA 2B	ON1	Advanced Spanish
22611	HUMN 65	AN2	The American Style	20872	SPA 1A	ON1	Beginning Spanish
20927	HUMN 65	AN1	The American Style	20970	SPA 1B	ON1	Elementary Spanish
22175	KINE CSA	EN2	College Success for Athletes	22280	THTR 10	ON1	Introduction to Theater Arts
23363	KINE 6	ON1	Perf Enhance Thru Mental Train	20011	WEXP 96	ON1	Work Experience Seminar
23026	KINE 14	ON1	Intro Hlth/Fitness Disability				
21517	KINE 15	ON1	Intro to Personal Fit Training				
21609	KINE 10	ON1	Nutrition for Fitness/Fat Loss				
21501	KINE 19	ON1	Hlth/Fit for Law Enforcement				
23226	MUSL 1	EN3	Introduction to Music				
22043	MUSL 8	ON1	Hist Rock & Roll/Popular Music				
22268	MUSL 3	ON1	World Music				
22634	MUSL 1	H01	Introduction to Music				
21434	MUSL 3	EN1	World Music				
20767	MUSL 1	EN2	Introduction to Music				
20285	MUSL 1	EN1	Introduction to Music				
20839	NUTR 1	ON1	The Science of Nutrition				
22567	PEAC HER1	ON1	Basic Heart Rate Training				
22568	PEAC HER2	ON1	Intermed Heart Rate Training				
20719	PHIL 60	ON1	Intro to Phil: Ethics				
23000	POSC 1	ON4	Intro to American Government				
22649	POSC 1	ON3	Intro to American Government				
21946	POSC 1	ON2	Intro to American Government				
23328	POSC 1	ON5	Intro to American Government				
21111	POSC 1	ON1	Intro to American Government				
22335	PSCN 10	ON1	Career and Education Planning				
22337	PSCN 13	AN1	Multicultural Issues/America				
20389	PSCN 13	AN2	Multicultural Issues/America				
21472	PSCN 15	ON1	College Study Skills				
20481	PSCN 2	ON1	Intro Case Mgmt for Humn Serv				
23001	PSY 1	EN6	General Psychology				
21881	PSY 4	EN1	Brain, Mind and Behavior				
22738	PSY 1	FYE	General Psychology				
20938	PSY 1	EN5	General Psychology				
20941	PSY 1	EN1	General Psychology				
20942	PSY 1	EN2	General Psychology				
20943	PSY 1	EN3	General Psychology				
20944	PSY 1	EN4	General Psychology				
20962	PSY 1	OPN	General Psychology				
22639	RELS 50	ON2	Religions of the World				
22388	RELS 50	OPN	Religions of the World				
20720	RELS 50	ON1	Religions of the World				
20860	REST 83	ON1	Real Estate Finance				
20757	REST 80	ON1	Real Estate Principles				
20758	REST 84	ON1	Real Estate Practice				
20303	REST 82A	ON1	Real Estate Appraisal				



**FOR CLASS DETAILS, REFER TO
PAGES 25 THROUGH 104**

ACCOUNTING* (See course listing under Business)

ADMINISTRATION OF JUSTICE

ADMJ 50 INTRO TO ADMIN OF JUSTICE 3.0 Units

This is an introductory course that examines the characteristics of the criminal justice system in the United States. The course covers the history, theory, and philosophy of administration of justice and the evolution of the principles, operational practices, and structure of the police, courts, and corrections agencies. Particular emphasis is placed on crime measurement, theoretical explanations of crime, and the challenges and opportunities for law enforcement in an increasingly diverse society. Students are introduced to the origins and development of criminal law, legal processes, and sentencing and incarceration policies.

D 10151	Lec	MTWR	9:00 10:25	557	Staff - So	06/12-08/03	OP	081
O 10752	By Arr		10.8 Hrs/Wk	ONLINE	MACKAY	05/30-07/03	OP	EN1

ADMJ 50-EN1 is an online course with no required on-campus meetings. For more information, please go to www.chabotcollege.edu/online/

ADMJ 60 CRIMINAL LAW 3.0 Units

This course offers an analysis of the doctrine of criminal liability in the United States and the classification of crimes against persons, property, morals, and public welfare. Special emphasis is placed on the classification of crime, the general elements of particular crimes, and defenses to crime. This course utilizes case law and case studies to introduce students to criminal law and will include some limited discussion of prosecution and defense decision making, criminal culpability, and defenses to crime.

E 10153	Lec	TR	6:00 9:10	555	HANSON	06/12-08/03	GR	081
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ANTHROPOLOGY

ANTH 1 BIOLOGICAL/PHYSICAL ANTHRO 3.0 Units

Humans as a biological species through an examination of fossil evidence for human evolution, behavior of nonhuman primates, and human evolutionary biology and genetics. Emphasis on uniquely human biological and behavioral characteristics, as well as those shared with other animals. Current anthropological issues such as the biological meaning of race, genetic diseases, and the influence of evolution on human behavior. Strongly Recommended: Eligibility for ENGL 1A

D 10001	Lec	MTWR	8:00 10:05	503	ESPINOZA	06/19-07/27	OP	061
E 10154	Lec	MW	6:00 9:10	503	ESPINOZA	06/12-08/03	OP	081
O 10466	By Arr		6.7 Hrs/Wk	ONLINE	OLSON	06/12-08/03	OP	EN1

ANTH 1-EN1 is an online course with no required on-campus meetings. For more information, please go to www.chabotcollege.edu/online/

ANTH 1L BIOLOGICAL/PHYSICAL ANTHRO LAB 1.0 Units

Laboratory exercises developed as an adjunct to Anthropology 1 (Introduction to Biological/Physical Anthropology) including the identification of fossils through examination of fossil casts, the study of human artifacts, observation of primate behavior and structure, and problem-solving in case studies of human genetics. **Prerequisite: Anthropology 1 (may be taken concurrently).** Strongly Recommended: Eligibility for ENGL 1A

D 10026	Lab	TWR	10:30 1:20	503	Staff - So	06/19-07/27	OP	061
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ANTH 3 SOCIAL/CULTURAL ANTHROPOLOGY 3.0 Units

How human beings in different cultures meet basic biological, social and cultural needs, including kinship and marriage practices, political and social organization, economic institutions, religious and childrearing practices, social change, as well as other aspects of cultural behavior. Emphasis on understanding other cultures on their own terms. Includes the many subcultures making up North American populations. **Strongly Recommended: Eligibility for ENGL 1A**

D 10109	Lec	MTWR	10:30 12:35	559	ESPINOZA	06/19-07/27	OP	061
O 10549	By Arr		6.7 Hrs/Wk	ONLINE	OLSON	06/12-08/03	OP	EN1

ANTH 3-EN1 is an online course with no required on-campus meetings. For important additional information, go to <http://www.chabotcollege.edu/online>

ANTH 4 LANGUAGE AND CULTURE 3.0 Units

The course is an introduction to the core concepts of linguistic anthropology and the study of language in culture and society, including how language perpetuates the identity of individuals through their social interactions and their culture in everyday speech events. Topics such as identity, social status, gender, race, and institutional power, are examined in contemporary language use. The course includes traditional study of the methods of linguistic anthropologists as well as the study of biological basis of communication and speech, the structure of language, language origins, language through time, language variation, the ethnography of communication, sociolinguistics, nonverbal communication and writing, and how cultural context sets meaning. **Strongly Recommended: Eligibility for ENGL 1A**

O 10381	By Arr		6.7 Hrs/Wk	ONLINE	MURRAY	06/12-08/03	OP	AN1
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ANTH 4-AN1 is an online course with no required on-campus meetings. For more information, please go to www.chabotcollege.edu/online/

ARCHITECTURE

ARCH 12 CONSTRUCTION MATERIALS METHOD 3.0 Units

Introduction to the methods and materials used in contemporary and historical building construction. Wood, steel, masonry, and concrete structural systems will be explored, as will major interior and exterior finish systems. The relationships between occupancy and construction types will be reviewed as will the influence of building codes, climate, labor supply, and economic factors.

O 10398	By Arr		21.6 Hrs/Wk	ONLINE	HUANG	05/30-07/03	GR	EN1
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ARCH 12-EN1 is an online course with no required on-campus meetings. For more information, please go to www.chabotcollege.edu/online/

ARCH 80 ARCHITECTURAL PRACTICE 2.0 Units

Architectural practice in Architecture department setting approved by Architecture faculty as related to student's architecture major or classes at Chabot. Cooperative effort between student and instructor or architecture firm supervisor to accomplish agreed upon work objectives, complete projects and broaden experiences. Student provides verification of service experience or work on projects during the term. Students will get an architecture firm approved by architecture faculty or work on projects closely with instructor. Students will meet with architecture instructor for input and hands-on experience lectures and discussion focused on architecture firm structures, project procedures, design developments, specification book and construction documents. **Strongly Recommended: ARCH 4A and ARCH 33 (Completed with a grade of "C" or higher).**

O 10555	By Arr		18.0 Hrs/Wk	ONLINE	HUANG	05/30-07/03	GR	EN1
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ARCH 80-EN1 is an online course with no required on-campus meetings. For more information, please go to www.chabotcollege.edu/online/

ART

ART 2A INTRODUCTION TO DRAWING 3.0 Units

This course provides direct experience in exploring basic drawing concepts, including the expressive use of contour, value, perspective and composition while using a variety of media.

D 10628	Lec	MTWR	8:00 9:20	1613	GOLOJUCH	06/19-07/27	GR	061
			9:25 12:15	1613			GR	

ART 2B DRAWING AND COMPOSITION 3.0 Units

Development of knowledge and skills introduced in Art 2A, emphasizing media and composition and realism drawing at an intermediate level. Introducing the use of color. **Prerequisite: Art 2A (Completed with a grade of "C" or higher).**

D 10629	Lec	MTWR	8:00 9:20	1613	GOLOJUCH	06/19-07/27	GR	061
			9:25 12:15	1613			GR	

ART 2C INDIV PROJ ACAD REALISM DRAW 3.0 Units

Individual project development for advanced drawers to create a related body of drawings in the style of academic realism. Concept definition and development to be determined by the student and approved by the instructor. **Prerequisite: Art 2B (Completed with a grade of "C" or higher).**

D 10630	Lec	MTWR	8:00 9:20	1613	GOLOJUCH	06/19-07/27	GR	061
			9:25 12:15	1613			GR	

ART 12A BEGINNING OIL PAINTING 3.0 Units

Beginning projects in oil painting with an emphasis on fundamental painting techniques and approaches.

D 10631	Lec	MTWR	8:00 9:15	1006	Staff - Fi	06/19-07/27	OP	061
			9:20 12:10	1006			OP	

ART 12B INTERMEDIATE OIL PAINTING 3.0 Units

Projects in oil painting with an emphasis on fundamental painting techniques and approaches. **Prerequisite: Art 12A.**

D 10632	Lec	MTWR 8:00 9:15	1006	Staff - Fi	06/19-07/27	OP 061
		MTWR 9:20 12:10	1006			OP

ART 12C ADVANCED OIL PAINTING I 3.0 Units

Continued development of advanced projects in oil painting with emphasis on individual creative work and development of personal ideas and style.

Prerequisite: Art 12B.

D 10633	Lec	MTWR 8:00 9:15	1006	Staff - Fi	06/19-07/27	OP 061
		MTWR 9:20 12:10	1006			OP

ART 12D ADVANCED OIL PAINTING II 3.0 Units

Advanced projects in oil or acrylic painting with emphasis on individual creative work and development of personal ideas and style. **Prerequisite: Art 12C.**

D 10634	Lec	MTWR 8:00 9:15	1006	Staff - Fi	06/19-07/27	OP 061
		MTWR 9:20 12:10	1006			OP

ART 13A ACRYLIC PAINTING-BEGINNING I 3.0 Units

Projects in acrylic painting with an emphasis on fundamental painting techniques and approaches. **Strongly recommended: Art 2A or equivalent.**

D 10676	Lec	MTWR 8:00 9:15	1006	Staff - Fi	06/19-07/27	OP 061
		MTWR 9:20 12:10	1006			OP

ART 13B ACRYLIC PAINTING-BEGINNING II 3.0 Units

Projects in acrylic painting with an emphasis on fundamental painting techniques and approaches. **Prerequisite: Art 13A or equivalent (Completed with a grade of "C" or higher).**

D 10677	Lec	MTWR 8:00 9:15	1006	Staff - Fi	06/19-07/27	OP 061
		MTWR 9:20 12:10	1006			OP

ART 13C ACRYLIC PAINTING-ADVANCED I 3.0 Units

Advanced projects in acrylic painting with emphasis on individual creative work and development of personal ideas and style. **Prerequisite: Art 13B or equivalent (Completed with a grade of "C" or higher).**

D 10678	Lec	MTWR 8:00 9:15	1006	Staff - Fi	06/19-07/27	OP 061
		MTWR 9:20 12:10	1006			OP

ART 13D ACRYLIC PAINTING-ADVANCED II 3.0 Units

Advanced projects in acrylic painting with emphasis on individual creative work and development of personal ideas and style. **Prerequisite: Art 13C or equivalent (Completed with a grade of "C" or higher).**

D 10679	Lec	MTWR 8:00 9:15	1006	Staff - Fi	06/19-07/27	OP 061
		MTWR 9:20 12:10	1006			OP

ART-HISTORY**ARTH 4 ART HISTORY-ANCIENT TO GOTHIC 3.0 Units**

History of Western art from prehistoric times through Egyptian, Mesopotamian, Aegean, Greek, Etruscan, Roman, Early Christian, Byzantine, Medieval, Romanesque and Gothic civilizations.

D 10483	Lec	TR 10:30 1:45	804	BRANNVALL	06/12-08/03	OP 081
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ASTRONOMY**ASTR 10 THE SOLAR SYSTEM 3.0 Units**

Introduction to history and physical principles of astronomy, focusing on our Solar System. Includes: constellations; distance scales; historical development of astronomy; gravitation; motion of the earth, moon and planets; astronomical tools; formation and evolution of the solar system; physical properties, atmosphere, and evolution of the earth, moon, and planets within the solar system; asteroids, comets, and other small bodies; discovery of extra-solar planets; possibilities for life beyond Earth. Designed for non-majors in mathematics or physical science. This course may require you to purchase access to an online astronomy learning environment.

D 10435	Lec	MW 9:30 12:45	1902	LEE	06/12-08/03	OP 081
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ASTR 20 STARS AND THE UNIVERSE 3.0 Units

Introduction to study of stars, galaxies, cosmology. Includes the nature of light and matter, telescopes, spectroscopy, stellar formation and evolution, galaxies, quasars, and cosmology. Designed for non-majors in mathematics or a physical science. This course may require you to purchase access to an online astronomy learning environment.

D 10436	Lec	TR 8:30 11:40	1902	PROCHTER	06/12-08/03	OP 081
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AUTOMOTIVE TECHNOLOGY**A TEC 50 INTRO AUTOMOTIVE TECH 3.0 Units**

Automotive industry fundamentals including careers; safety; fasteners, hand tool identification and usage; vehicle systems, electrical fundamentals; service information access and use; automotive chemical and fluid applications; hazardous waste handling; general shop equipment usage and vehicle servicing. **Students must have an email account & internet access by the first day of class.**

D 10101	Lec	TWR 8:00 9:50	1418	Staff - Ap	06/12-08/03	OP 081
	Lab	TWR 10:00 11:50	1426			OP
D 10767	Lec	TWR 1:00 2:50	1418	Staff - Ap	06/12-08/03	OP 082
	Lab	TWR 3:00 4:50	1426			OP

BIOLOGICAL SCIENCES-ANATOMY**ANAT 1 GENERAL HUMAN ANATOMY 5.0 Units**

Structure and function of the human body with emphasis on microscopic, gross and developmental anatomy. Microscopic examination of normal and pathological tissues, and dissection, supplemented by use of charts, models, and computer assisted instruction. **Prerequisite: Biology 31 or equivalent course (Completed with a grade of "C" or higher). Strongly recommended: Eligibility for English 1A or 52A.**

D 10028	Lec	MTWR 9:30 11:35	2110	MAJLESI	06/19-07/27	GR 061
	Lab	MTWR 12:00 4:20	2110			GR
E 10437	By Arr	6.7 Hrs/Wk	HYBRID	LANGE	06/12-08/03	GR H81
	Lab	TR 6:00 8:05	2110			
	By Arr	8.9 Hrs/Wk	HYBRID			GR

This section is an online hybrid course with required on-campus class meetings. Students must have an email account and internet access for this class. For important additional information, go to <http://www.chabotcollege.edu/online>

BIOLOGICAL SCIENCES-BIOLOGY**BIOL 10 INTRO TO THE SCIENCE OF BIOL 4.0 Units**

Basic principles of biology, dealing with the nature of living things, and the nature of scientific investigation and its bioethical impact in our modern world. Designed for non-majors in biology or the biomedical sciences.

D 10433	Lec	MTWR 8:00 10:05	1803	KAMAKEYA	06/19-07/27	OP 061
	Lab	MTWR 10:15 12:20	2106			OP

BIOL 25 HUMAN HEREDITY AND EVOLUTION 3.0 Units

Fundamental concepts underlying heredity and evolution with a focus on human species. Includes cell division, reproduction, molecular genetics, inheritance, population genetics, and evolution. Contemporary topics such as reproductive technologies, biotechnology, gene therapy, prenatal diagnosis, bioethics, and the genetics of cancer will be explored.

O 10481	By Arr	6.7 Hrs/Wk	ONLINE	LANGE	06/12-08/03	GR EN1
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This section is an online course. Students must have an email account and internet access before the first day of class. For important additional information, go to <http://www.chabotcollege.edu/online>

BIOL 31 INTRO TO COLLEGE BIOLOGY 4.0 Units

Basic principles of biology. Includes origin of life, cell structure and function, cell division, reproduction, genetics, taxonomy, evolution, and cell metabolism. Laboratory emphasis on developing various laboratory skills, using the metric system, collecting data, graphing, interpreting data, utilizing statistics and preparing for and taking laboratory practicals. Designed to prepare the necessary concepts and laboratory skills and experience that are needed to succeed in more advanced courses in biology. **Strongly recommended: Math 65 or 65A and eligibility for English 1A.**

D 10015	Lec	MTWR 7:30 8:55	2108	TSAO	06/12-08/03	GR 081
	Lab	MW 9:10 12:20	2104			GR
D 10150	Lec	MTWR 7:30 8:55	2108	TSAO	06/12-08/03	GR 082
	Lab	TR 9:10 12:20	2104			GR

BIOL 50 ANATOMY AND PHYSIOLOGY 4.0 Units

Structure and function of the human body is studied. Emphasis on human anatomy and physiological principles at the cellular and systemic level. Designed primarily for majors in paramedic and medical assisting programs and pre-medical students who wish to explore the realm of anatomy and physiology.

D 10434	Lec	MTWR 3:00 5:05	2104	AQUINO	06/19-07/27	GR 061
	Lab	MTWR 5:30 7:40	2104			GR

BIOLOGICAL SCIENCES-ENVIRONMENT

ENSC 12 CURRENT ISSUES IN ENVIR SCI 3.0 Units

Identification of problems created by humans' modification of their environment. Examination of human population growth through history, resource use, and pollution. Introduction of fundamental concepts of matter, energy, and ecology with emphasis on application of these concepts to a range of contemporary environmental issues. Environmental Sciences 10, 11, and 12 may be combined for a maximum of 4 units.

O 10439 By Arr 9.0 Hrs/Wk ONLINE CALDWELL 06/19-07/27 OP EN1
This section is an online course. Students must have an email account and internet access before the first day of class. For important additional information, go to <http://www.chabotcollege.edu/online>

BIOLOGICAL SCIENCES-MICROBIOLOGY

MICR 1 MICROBIOLOGY 5.0 Units

Bacteria, fungi, protozoa, and viruses with an emphasis on their relationship to humans and disease. Cultivation, control, metabolism, body's defense against disease, microbial genetics, laboratory tests, and contemporary infectious diseases. Methods used in the laboratory includes staining, investigation, cultivation, identification of unknowns, and sensitivity testing. **Prerequisite: Biology 31 and Chemistry 30A or Chemistry 1A (all Completed with a grade of "C" or higher). Strongly recommended: Anatomy 1, eligibility for English 1A.**

D 10565 Lec MTWR 7:30 8:55 2124 ENRIQUEZ 06/12-08/03 GR 081
 Lab MTWR 9:05 12:10 2124 GR
 D 10711 Lec MTWR 10:35 12:00 1703 Staff - So 06/12-08/03 GR 082
 Lab MTWR 12:30 3:35 2124 GR

BIOLOGICAL SCIENCES-PHYSIOLOGY

PHSI 1 HUMAN PHYSIOLOGY 5.0 Units

Cellular and systemic body functions. Emphasis placed on physio- and electro-chemical and clinical methods, collection and analysis of data, extrapolations and conclusions. Working models, including human responses, computer simulations are studied. **Prerequisites: Chemistry 30A and Anatomy 1 (both with a grade of "C" or higher). Strongly recommended: Chemistry 30B, eligibility for English 1A.**

D 10496 Lec MTWR 3:45 5:10 2102 BHAGWAT 06/12-08/03 GR 081
 Lab MTWR 5:30 8:40 2102 GR
 D 10523 Lec MTWR 10:30 12:00 2102 MARAWALA 05/30-07/03 GR H51
 Lab MTWR 12:15 3:35 2102 GR
 By Arr 10.8 Hrs/Wk HYBRID GR

PHSI 1-H51 is a hybrid course conducted both on campus and over the internet. You are required to meet on campus information, go to <http://www.chabotcollege.edu/online>

BUSINESS

BUS 1A FINANCIAL ACCOUNTING 4.0 Units

Explores financial accounting, its importance and how it is used by internal and external users as decision-making tool. Covers forms of organizations; accounting information systems; application of general accounting principles; and preparation, interpretation and analysis of various forms of financial statements. Includes topics on cash flow statement, cash and accrual accounting concepts, merchandising operation, internal control and ethics, reporting and accounting for receivables, payables, long-term assets and liabilities, inventory, depreciation, stockholders' equity, stocks and bonds. **Strongly recommended: Business 7.**

D 10298 Lec MW 9:00 11:20 301 Staff - Ap 06/12-08/03 OP H81
 By Arr 3.0 Hrs/Wk HYBRID OP

BUS 1A-H81 is a hybrid online course with 5.2 hours on-campus and 6 hours on-line each week. For important additional information, go to <http://chabotcollege.edu/online>

O 10297 By Arr 11.0 Hrs/Wk ONLINE BHANGAL 06/12-08/03 OP EN1
 O 10066 By Arr 11.0 Hrs/Wk ONLINE BHANGAL 06/12-08/03 OP EN2
BUS 1A-EN1/EN2 are online courses, with no required on-campus meetings. For important additional information, go to <http://www.chabotcollege.edu/online>.

BUS 1B MANAGERIAL ACCOUNTING 4.0 Units

Examine how managers use accounting information in decision-making, planning, directing, operating, and controlling. Emphasis on cost terms and concepts, cost structure, cost behavior, cost-volume-profit analysis, profit planning, budgeting, budgetary controls, cost controls, accounting for manufacturing costs and ethics.

Prerequisite: Bus 1A (Completed with a grade of "C" or higher).

O 10059 By Arr 9.0 Hrs/Wk ONLINE WONG 06/12-08/03 OP EN1
 O 10083 By Arr 9.0 Hrs/Wk ONLINE WONG 06/12-08/03 OP EN2

BUS 1B-EN1/EN2 are online courses with no required on-campus meetings. For important additional information, go to <http://www.chabotcollege.edu/online>

BUS 2 INTERMEDIATE ACCOUNTING 4.0 Units

Fundamental accounting standards and concepts, environment, framework, procedure and reporting for assets, liabilities, expenditures, and net income.

Prerequisite: Business 1A (Completed with a grade of "C" or higher).

O 10722 By Arr 8.7 Hrs/Wk ONLINE WONG 06/12-08/03 OP EN1

BUS 2-EN1 is an online course with no required on-campus meetings. For important additional information, go to <http://www.chabotcollege.edu/online>

BUS 7 ACCOUNTING FOR SMALL BUSINESS 3.0 Units

Bookkeeping practices and accounting cycle for service and merchandising sole proprietorship. Double-accounting entry system (debits and credits), books of original entry (journals), ledgers, adjusting and closing entries, income statement, balance sheets, and statement of owner's equity, cash, banking activities, payroll, special journals, merchandising firms.

O 10177 By Arr 9.0 Hrs/Wk ONLINE KLEIN 06/12-08/03 OP EN1

BUS 7-EN1 is an online course with no required on-campus meetings. For important additional information, go to <http://www.chabotcollege.edu/online>

BUS 8 PAYROLL ACCOUNTING 3.0 Units

The laws, principles and procedures of payroll accounting in both manual and computerized environments. Concepts covered include preparation of payroll records and reports; payroll law and practices; computation of taxes, including Social Security, federal income tax, state income taxes, and unemployment taxes and voluntary withholdings. **Strongly recommended: Business 1A or Business 7 or equivalent.**

O 10173 By Arr 6.7 Hrs/Wk ONLINE BHANGAL 06/12-08/03 OP EN1

BUS 8-EN1 is an online course with no required on-campus meetings. For important additional information, go to <http://www.chabotcollege.edu/online>

BUS 10 BUSINESS LAW 4.0 Units

Legal setting in which business operates, with emphasis on legal reasoning and resolution, contracts, agency, partnerships and corporations.

O 10027 By Arr 9.0 Hrs/Wk ONLINE NOVAK 06/12-08/03 GR EN1

O 10246 By Arr 9.0 Hrs/Wk ONLINE NOVAK 06/12-08/03 GR EN2

BUS 10-EN1/EN2 are online courses with no required on-campus meetings. For important additional information, go to <http://www.chabotcollege.edu/online>

BUS 12 INTRO TO BUSINESS 3.0 Units

Survey of the private enterprise system and basic business concepts, business economics, types of business ownership, ethics, globalization, and organizational functions (management, marketing, accounting, and finance).

D 10300 Lec MTWR 11:30 12:55 301 YOO 06/12-08/03 OP 081

O 10060 By Arr 6.7 Hrs/Wk ONLINE PINKAS 06/12-08/03 OP EN1

O 10247 By Arr 6.7 Hrs/Wk ONLINE PINKAS 06/12-08/03 OP EN2

BUS 12-EN1/EN2 are online courses with no required on-campus meetings. For important additional information, go to <http://www.chabotcollege.edu/online>

BUS 14 BUSINESS COMMUNICATIONS 3.0 Units

Theory and application of written and oral communications in a professional business environment: organization of messages, editing for tone and polish, presentation techniques, meeting management, job search communications.

Strongly recommended: Eligibility for English 1A.

O 10119 By Arr 9.0 Hrs/Wk ONLINE PATTERSON 06/12-08/03 GR EN1

BUS 14-EN1 is an online course with no required on-campus meetings. For important additional information, go to <http://www.chabotcollege.edu/online>

BUS 16 BUSINESS MATHEMATICS 3.0 Units

Mathematics to solve typical business problems including simple interest, compound interest, installment sales, trade and cash discounts, markup percents, pricing, discounting notes and drafts, depreciation, taxes, insurance, statistics, stocks, bonds, and distribution of ownership and profits.

O 10301 By Arr 6.7 Hrs/Wk ONLINE PINKAS 06/12-08/03 OP EN1

BUS 16-EN1 is an online course with no required on-campus meetings. For important additional information, go to <http://www.chabotcollege.edu/online>

BUS 22 INTRO TO MANAGEMENT 3.0 Units

Principles and concepts of traditional management tasks, contemporary management challenges related to such topics as people, diversity, quality, social responsibility and ethics, the global environment, production management, information technology, competitiveness and innovation, building alternative work situations and the internet.

O 10174 By Arr 6.7 Hrs/Wk ONLINE KLEIN 06/12-08/03 OP EN1
 BUS 22-EN1 is an online course with no required on-campus meetings. For important additional information, go to <http://www.chabotcollege.edu/online>

BUS 36 INTRO TO MARKETING 3.0 Units

Survey of marketing, including consumer behavior, company and environmental analysis, market segmentation, product development, pricing, promotion, and distribution.

O 10302 By Arr 6.7 Hrs/Wk ONLINE PINKAS 06/12-08/03 GR EN1
 BUS 36-EN1 is an online course with no required on-campus meetings. For important additional information, go to <http://www.chabotcollege.edu/online>

BUS 92 EXCEL SPREADSHEETS FOR ACCTG 2.0 Units

Fundamentals of using electronic spreadsheets (Microsoft Excel) for accounting principles. Focus on solving accounting problems and completing accounting projects with Microsoft Excel. **Strongly recommended: Business 1A or equivalent or BUS 7 or equivalent and Computer Application Systems 54A**

O 10303 By Arr 10.8 Hrs/Wk ONLINE BHANGAL 07/05-08/03 OP EN1
 BUS 92-EN1 is an online course with no required on-campus meetings. For important additional information, go to <http://www.chabotcollege.edu/online>

BUS 93 QUICKBOOKS 2.0 Units

QuickBooks introduces the concepts of bookkeeping/accounting using the theory of double-entry bookkeeping. Learn to use the QuickBooks software for a set up, service business and merchandising business. Setting up chart of accounts, accounts receivable, accounts payable, inventory, payroll and preparation and analysis of financial statements. **Strongly recommended: Business 1A, Business 7 or equivalent.**

O 10551 By Arr 10.8 Hrs/Wk ONLINE DORSETT 05/30-07/03 OP EN1
 BUS 93-EN1 is an online course with no required on-campus meetings. For important additional information, go to <http://www.chabotcollege.edu/online>

CHEMISTRY

CHEM 1A GENERAL COLLEGE CHEMISTRY I 5.0 Units

Introduction to atomic structure, bonding, stoichiometry, thermochemistry, gases, matter and energy, oxidation-reduction, chemical equations, liquids and solids, solutions, chemical energetics and equilibrium. Laboratory includes both quantitative and qualitative experiments. **Prerequisites: Mathematics 55 or 55B and Chemistry 31 (all courses Completed with a grade of "C" or higher). The Chemistry 31 prerequisite can be fulfilled by demonstrating the appropriate skill level in the Chemistry Placement Process.**

D 10562 Lec MTWR 10:00 11:25 3924 SCHLEGEL 06/12-08/03 GR 081
 Lab MTWR 11:45 2:55 3901 GR

CHEM 1B GENERAL COLLEGE CHEMISTRY II 5.0 Units

Continuation of Chemistry 1A. Includes chemical energetics and equilibria, solutions and ionic equilibria, acid-base chemistry, electrochemistry, coordination chemistry, kinetics, nuclear chemistry, organic chemistry, and the chemistry of family groups of the periodic table. Laboratory emphasizes quantitative techniques, including instrumentation, and qualitative analysis.

Prerequisite: Chemistry 1A (Completed with a grade of "C" or higher).

D 10007 Lec MTWR 10:00 11:25 3922 WELLS 06/12-08/03 GR 081
 Lab MTWR 11:45 2:55 3923 GR
 D 10479 Lec MTWR 10:00 11:25 3934 MC OMBER 06/12-08/03 GR 082
 Lab MTWR 11:45 2:55 3903 GR

CHEM 10 INTRODUCTION TO CHEMISTRY 4.0 Units

A non-mathematical survey of the basic concepts of chemistry designed for non-science majors. Basic structure, properties and reactivity of matter and energy as they relate to our environmental nutrition, material science and other current topics. **May not be taken for credit if Chemistry 1A or Chemistry 31 has been completed.**

D 10112 Lec Tue 9:00 11:50 1802 GIBSON 06/12-08/03 OP H81
 Lab Thu 9:00 11:50 3931 OP
 By Arr 7.5 Hrs/Wk HYBRID OP

This is an online hybrid course with required on campus meetings. For important additional information, go to <http://www.chabotcollege.edu/online>

CHEM 30A INTRO AND APPLIED CHEMISTRY I 4.0 Units

Chemistry of inorganic compounds, atomic theory, bonding, equations, gas laws, solutions, acid-base theory and oxidation-reduction. Designed to meet the requirements of certain programs in allied health and technological fields and for general education. **Prerequisite: MTH 65 or MTH 65B or MTH 65L or MTH 53 or MTH 53A or MTH 53B (Completed with a grade of C or higher).**

D 10037 Lab MTWR 8:00 10:05 3929 SAWHNEY 06/19-07/27 GR 061
 Lec MTWR 10:10 12:15 1906 GR
 D 10152 Lec MTWR 10:10 12:15 1906 SAWHNEY 06/19-07/27 GR 062
 Lab MTWR 12:45 2:50 3929 GR

CHEM 31 INTRO TO COLLEGE CHEMISTRY 4.0 Units

Elementary concepts of chemistry with emphasis on mathematical calculations; includes nomenclature, stoichiometry, atomic structure, gas laws, and acids and bases. Designed for majors in science and engineering. **Prerequisite: Mathematics 55 or 55B (Completed with a grade of "C" or higher).**

D 10029 Lec MTWR 10:10 12:15 1803 EKANAYAKE 06/19-07/27 OP 061
 Lab MTWR 8:00 10:05 3921 OP
 D 10156 Lec MTWR 10:10 12:15 1803 EKANAYAKE 06/19-07/27 OP 062
 Lab MTWR 12:45 2:50 3921 OP

COMMUNICATION STUDIES

COMM 1 FUNDAMENTALS OF SPEECH COMM 3.0 Units

Emphasis on developing, stating, organizing, and researching ideas, and presenting to an audience. **Strongly recommended: Eligibility for English 1A.**

D 10488 Lec MTWR 8:10 10:15 801 DAVIS 06/19-07/27 OP 061
 D 10094 Lec MTWR 10:30 12:35 802 DAVIS 06/19-07/27 OP 062
 D 10107 Lec MTWR 1:30 3:35 801 HUNTER 06/19-07/27 OP 063
 D 10486 Lec MTWR 4:00 6:05 805 HUNTER 06/19-07/27 OP 064
 D 10093 Lec TWR 10:00 12:55 805 TODD 06/19-07/27 OP 065
 D 10487 Lec TWR 1:30 4:25 802 TODD 06/19-07/27 OP 066
 D 10485 Lec TWR 3:15 6:05 301 GLEN 06/19-07/27 OP 067
 D 10484 Lec MTWR 9:00 10:25 851 Staff - Fi 06/12-08/03 OP 081
 D 10556 Lec MTWR 1:00 2:25 811 Staff - Fi 06/12-08/03 OP 082
 E 10092 Lec TWR 6:30 9:20 301 GLEN 06/19-07/27 OP 068

COMM 10 INTERPERSONAL COMMUNICATION 3.0 Units

Exploration, discussion, and evaluation of the components of verbal and nonverbal communication processes. **Strongly recommended: Eligibility for English 1A or 52A.**

D 10145 Lec MTWR 1:00 2:25 357 Staff - Fi 06/12-08/03 OP 081

COMM 46 ARGUMENTATION & DEBATE 3.0 Units

Analysis of contemporary questions through written and spoken discourse. Analysis, criticism and synthesis of contemporary moral, political, economic and philosophical issues of a diverse, multicultural society, using traditional and modern models of argumentation. **Strongly recommended: English 1A.**

D 10621 Lec TWR 9:00 12:15 810 AMES 05/30-07/03 OP 051

COMPUTER APPLICATION SYSTEMS

CAS 50 INTRO TO COMPUTER APPL SYSTEMS 3.0 Units

Introduction to computer applications systems as it relates to business and home use. Course introduces software topics in Microsoft Windows, Microsoft Office, internet, World Wide Web, electronic mail, file management, data communications and an introduction to basic computer programming. Hardware topics include PC system components and troubleshooting issues. Other topics include computer-based careers and trends, electronic computing issues, terminology, electronic communication skills, ethics, security, and netiquette in today's business computing environment.

O 10054 By Arr 9.0 Hrs/Wk ONLINE KHAT 06/12-08/03 OP EN1
 O 10304 By Arr 9.0 Hrs/Wk ONLINE KHAT 06/12-08/03 OP EN2
 O 10725 By Arr 9.0 Hrs/Wk ONLINE KHAT 06/12-08/03 OP EN3

CAS 50-EN1/2N2/EN3 are online courses with no required on-campus meetings. For important additional information, go to <http://www.chabotcollege.edu/online>

CAS 83 INFO & COMM TECH ESSENTIALS 4.0 Units

This course provides an introduction to the computer and software skills needed to help meet the growing demand for entry-level ICT professionals. The fundamentals of computer hardware and software as well as advanced concepts such as security, networking, and the responsibilities of an ICT professional will be introduced. Preparation for the CompTIA A+ certification exams. **Strongly Recommended: CAS 50**

O 10726 By Arr 5.0 Hrs/Wk ONLINE KHAT 06/12-08/03 GR EN1

CAS 83-EN1 is an online course with no required on-campus meetings. For important additional information, go to <http://www.chabotcollege.edu/online>

COMPUTER SCIENCE

CSCI 7 INTRO COMP PROGRAM CONCEPTS 3.0 Units

Introduction to computer programming for non-science majors and for students requiring additional preparation before taking Computer Science 10 or Computer Science 14. Hardware, system software basics, the history of computing, basic computer operations, number systems, design of algorithms and programming constructs such as variables, expressions, input/output, decision-making, loops, functions and parameters.

D 10449	Lec	MTWR	6:30 7:55	1812	MEHL	06/12-08/03	OP	081
	Lab	TR	8:00 8:50	1812			OP	

CSCI 8 COMPUTER LITERACY 3.0 Units

Intro to computers including: Microsoft Windows, Microsoft Office, multimedia, using browsers and World Wide Web, types of computer software in use including programming languages, electronic mail, computer-based careers and trends, and other computing issues. No prior computer experience necessary. Recommended for students of any major who want to learn about computers and how to use them. Hands-on laboratory experience. **Strongly recommended: eligibility for Mathematics 65, 65A, or 65L. (May not receive credit if Computer Application Systems 8 has been completed.)**

O 10450	By Arr	9.0 Hrs/Wk	ONLINE	AUGOTT	06/12-08/03	OP	EN1
O 10451	By Arr	9.0 Hrs/Wk	ONLINE	AUGOTT	06/12-08/03	OP	EN2

CSCI 8-EN1/EN2 are online courses with no required on-campus meetings. For more information, please go to www.chabotcollege.edu/online/

CSCI 14 INTRO/STRUCTURED PROGR IN C++ 4.0 Units

Intro to structured programming and problem solving using the C++ language. Problem solving techniques, algorithm design, testing and debugging techniques, and documentation standards. C++ syntax: elementary operators, data types, control structures, user-defined and library functions, basic input/output, sequential files, arrays and structs. Appropriate for students with little or no programming experience, but comfortable using computers with modern GUI operating systems. **Prerequisite: Mathematics 55, 55B, 55L, 54 or 54L (Completed with a grade of "C" or higher) or an appropriate skill level demonstrated through the Mathematics Assessment process, or Computer Science 7 (Completed with a grade of "C" or higher).**

D 10482	Lec	MTWR	2:00 3:25	1813	MEHL	06/12-08/03	OP	081
	Lab	MTWR	3:30 4:55	1813			OP	
E 10561	Lec	MTWR	6:00 7:25	1804	KANG	06/12-08/03	OP	082
	Lab	MTWR	7:30 8:55	1804			OP	

CSCI 19A OBJECT-ORIENTED PROG IN JAVA 4.0 Units

Object-oriented programming methods employed to design, program, test and document intermediate level problems in the Java language. Overview of Java syntax, control structures, methods, I/O, strings, single and multidimensional arrays, recursion and exception handling. Abstract Data Types and Object-Oriented Programming principles including classes, information hiding, aggregation, inheritance, method overriding and polymorphism. Introduction to graphical user interfaces (GUIs) and applets using javax.swing package. Dynamic allocation and deallocation of memory; comparison of Java references with pointers in C++. Implementation and use of linked lists. Designed to satisfy Association of Computing Machinery (ACM) guidelines for CS I as required for Computer Science and related transfer majors. **Strongly recommended: Computer Science 14 and Mathematics 20 (Completed with a grade of "C" or higher).**

D 10452	Lec	MTWR	3:00 4:25	1702	KANG	06/12-08/03	OP	081
	Lab	MTWR	4:30 5:55	1702			OP	

DENTAL HYGIENE

DHYG 50A DENTAL HYGIENE ORIENTATION I 0.5 Units

Orientation to the dental hygiene program to include information regarding scheduling, course requirements, financial aid considerations, program policies and procedures as well as core competencies. **Prerequisite: Acceptance into the dental hygiene program.**

D 10103	Lec	Thu	8:00 11:50	2202	SCHLECHTER	08/03-08/04	P/N	E01
	Lec	Fri	9:00 11:50	2202			P/N	
	Lec	Fri	1:00 2:50	2202			P/N	

DHYG 50B DENTAL HYGIENE ORIENTATION II 0.5 Units

Orientation for second year dental hygiene students focusing on patient management and scheduling as well as policies and procedures for treating periodontally involved patients. **Prerequisite: Dental Hygiene 71B.**

D 10116	Lec	Thu	1:00 3:50	2258	COAN	08/03-08/04	P/N	E01
	Lec	Fri	8:00 11:50	2258			P/N	
	Lec	Fri	1:00 2:50	2258			P/N	

DHYG 68 EXTENDED CLINICAL EXPERIENCES 0.5 Units

Clinical dental hygiene practice and screening for the California State Board Examination. Designed for Chabot College Dental Hygiene Program graduates who are not yet licensed in the State of California. Includes practice and screening of patients. **Prerequisite: Graduate of the Dental Hygiene Program.**

D 10115	Clin	By Arr	1.3 Hrs/Wk	TBA	CHEUNG	06/12-08/03	P/N	081
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DHYG 71C ADVANCED PERIODONTAL PROCEDURE 0.5 Units

Laboratory and lecture experiences in advanced instrumentation techniques; workshops on recognizing patients' medical needs and their relations to dental treatment. **Prerequisite: Dental Hygiene 71B (complete with a grade of "C" or better).**

D 10090	Lec	Mon	8:00 11:50	2202	COAN	07/31-08/02	P/N	011
	Lec	Tue	8:00 9:50	2202				
	Lab	Tue	10:00 11:50	2202			P/N	
	Lab	Wed	8:00 11:50	2202			P/N	

EARLY CHILDHOOD DEVELOPMENT

ECD 50 ECD PRINCIPLES AND PRACTICES 3.0 Units

An examination of the underlying theoretical principles of developmentally appropriate practices applied to programs, environments, emphasizing the key role of relationships, constructive adult-child interactions, and teaching strategies in supporting physical, social, creative and intellectual development of all young children. This course includes a review of the historical roots of early childhood programs and the evolution of the professional practices promoting advocacy, ethics, and professional identity.

D 10038	Lec	MTWR	10:30 11:55	504	GUTIERREZ	06/12-08/03	GR	081
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ECD 54 CHILD HEALTH/SAFETY/NUTRITION 3.0 Units

Aspects of nutrition, health and safety that promote and maintains the health and well-being of all children and adults who work with young children. Topics include health and nutritional guidelines, maintaining safe and healthy learning environments, state regulations, policies and procedures, common childhood illnesses, infectious diseases, school-family collaboration and emergency preparedness, first aid and injury prevention.

E 10579	Lec	MW	6:00 9:10	504	CHAPPELLE	06/12-08/03	OP	081
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ECD 56 CHILD GROWTH AND DEVELOPMENT 3.0 Units

A study of the major physical, psychosocial, and cognitive/ language development milestones for children both typical and atypical from conception through adolescence. There will be an emphasis on interactions between maturational processes and environmental factors. While studying developmental theory and investigative research methodologies, students will observe children, evaluate individual differences and analyze characteristics of development at various stages.

D 10175	Lec	MTWR	9:00 10:25	558	VERARDE	06/12-08/03	GR	081
O 10117	By Arr	6.7 Hrs/Wk	ONLINE	OZDEMIR	06/12-08/03	GR	EN1	

ECD 56-EN1 is an online course with no required on-campus meetings. For important additional information, go to <http://www.chabotcollege.edu/online>

ECONOMICS

ECN 1 PRINCIPLES OF MICROECONOMICS 3.0 Units

Economic analysis of market systems, price theory, price theory, including supply and demand analysis, marginal utility, elasticity, cost and revenue concepts, perfect and imperfect competition, international trade theory, pricing of the factors of production, poverty and income inequalities. **Strongly Recommended: Eligibility for ENGL 1A. Prerequisite: MTH 53, MTH 53B, MTH 54, MTH 55, MTH 55L (Completed with a grade of "C" or higher) or an appropriate skill level demonstrated through the mathematics assessment process.**

D 10666	Lec	MTWR	8:00 10:05	506	WILLIAMS	06/19-07/27	OP	061
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ECN 2 PRINCIPLES OF MACROECONOMICS 3.0 Units

Economic analysis of the theory of income determination, including national income analysis, business cycles, the consumption function, the multiplier, fiscal policy, monetary policy, money and banking, the public debt, economic growth and development, comparative economic systems and international trade. **Strongly Recommended: ENGL 1A. Prerequisite: MTH 53 or, MTH 53B or, MTH 54 or, MTH 54L or, MTH 55 or, MTH 55L (Completed with a grade of "C" or higher) or an appropriate skill level demonstrated through the Mathematics assessment process.**

D 10667 Lec MTWR 10:30 12:35 506 WILLIAMS 06/19-07/27 OP 061

ELECTRONIC SYSTEMS TECHNOLOGY

ESYS 50 INTRO-ELECTRONIC SYSTEMS TECH 2.0 Units

Introduction to electronic systems and circuits. Overview of career opportunities and job duties with electronic systems technology. Direct current and alternating current circuits including Ohm's law and Kirchhoff's laws. Measurement and characterization of electronic systems at the block diagram level. Laboratory practice includes the proper use of standard test instruments.

E 10646 Lab Thu 6:00 10:05 1602 REYES 06/12-08/03 GR EH1
 By Arr 2.2 Hrs/Wk HYBRID GR

ESYS 50-EH1 is a hybrid course with on-campus meetings and online instructions. For important additional information, go to <http://www.chabotcollege.edu/online>

ESYS 56A ELECTRONIC POWER SYSTEMS I 2.0 Units

Switching power supply systems. Alternative energy systems. Advanced power bus management and control systems. **Prerequisite: ESYS 52 or equivalent.**

E 10647 Lab Thu 6:00 10:05 1602 REYES 06/12-08/03 GR EH1
 By Arr 2.2 Hrs/Wk HYBRID GR

ESYS 56A-EH1 is a hybrid course with on-campus meetings and online instructions. For important additional information, go to <http://www.chabotcollege.edu/online>

ESYS 58 WIRELESS COMMUNICATION SYSTEMS 2.0 Units

Introduction to wireless communications concepts and data communications, including modulation techniques, antenna and wave propagation. Digital data communication fundamentals and digital modulation techniques. Fiber optic and laser technology. **Prerequisite: ESYS 52 or equivalent.**

D 10712 Lab Wed 1:00 5:15 1602 PHILLIPS 06/12-08/03 GR EH1
 By Arr 2.2 Hrs/Wk HYBRID GR

This section is for students in the BART TCLT (Transit Career Ladders Training) program, which prepares students for entry-level technical positions. For important additional information, go to <http://www.chabotcollege.edu/online> Note: No lab meeting on July 19, 2017

ESYS 60 ELECTRONIC SYSTEMS ANALYSIS 2.0 Units

Analysis of electronic systems and circuits using modern software tools and mathematical formulae. Reactive circuits, active devices, amplifier, oscillator, and filter circuits. Includes many, but not all, of the objectives for the ETA and ISCTET Certified Electronic Technician exam. **Prerequisite: ESYS 54 and INDT 74 or equivalent or eligibility for MTH 55.**

D 10713 Lab Thu 1:00 5:15 1602 PHILLIPS 06/12-08/03 GR EH1
 By Arr 2.2 Hrs/Wk HYBRID GR

This section is for students in the BART TCLT (Transit Career Ladders Training) program, which prepares students for entry-level technical positions. For important additional information, go to <http://www.chabotcollege.edu/online> Note: No lab meeting on July 20, 2017

EMERGENCY MEDICAL SERVICES

EMS 1 FIRST RESPONDER 2.5 Units

This course is designed to provide students with the basic knowledge and skills to manage many medical and trauma-related emergencies; includes cardiopulmonary resuscitation and prevention of disease transmission. Students will learn through lecture and lab practice how their role as an Emergency medical responder aligns with the Emergency Medical Services community. Successful completion of the knowledge and skills tests qualifies for an Emergency Medical Responder Certificate and an American Heart Association "Basic Life Support Healthcare Provider" Certificate. **May not receive credit if Health 61 has been completed.**

D 10512 Lec MW 9:00 11:05 3115 BEYNE 06/12-08/03 GR 081
 Lab MW 11:15 1:20 3115 GR

ENGINEERING

ENGR 22 ENGINEERING DESIGN GRAPHICS 3.0 Units

Introduction to the engineering-design process, and to technical-graphic communications tools used by engineers. Conceptual design of products. Development of spatial reasoning skills. Orthographic and axonometric projection-drawing techniques. Tolerance analysis for fabrication. Documentation of designs through engineering working-drawings. Use of Solidworks Computer-Assisted Drawing Software as a design tool. Basic CAD 3-dimensional solid-modeling. **Strongly recommended: MTH 37 and ENGL 1A or 102.**

D 10781 Lec MTWR 1:00 2:05 905 QUIGLEY 06/12-08/03 GR 001
 Lab MTWR 2:15 3:40 905 GR

ENGLISH

ENGL 1A CRITICAL READING & COMPOSITION 3.0 Units

Integrated approach to reading, writing, and critical thinking intended to develop ability to read and write complex, college-level prose. Examination of ideas in relation to individuals' world view and contexts from which these ideas arise. Some research required. **Prerequisite: English 101B, 102, or appropriate skill level demonstrated through English assessment process.**

D 10552 Lec MTWR 8:15 10:20 357 HODSDON 06/19-07/27 GR 061
 D 10011 Lec MTWR 10:30 12:35 502 MC FARLAND 06/19-07/27 GR 062
 D 10040 Lec MTWR 1:00 3:05 502 MC FARLAND 06/19-07/27 GR 063
 D 10146 Lec TWR 8:15 10:20 859 GRUBER 06/12-08/03 GR 081
 D 10106 Lec TWR 10:30 12:35 859 GRUBER 06/12-08/03 GR 082
 D 10104 Lec TWR 1:00 3:05 861 KAPLAN 06/12-08/03 GR 083

E 10306 Lec MTWR 6:00 8:05 359 MC FARLAND 06/19-07/27 GR 064
 O 10147 By Arr 9.0 Hrs/Wk HYBRID CARTWRIGHT 06/19-07/27 GR EH1

This is a hybrid course with two required on-campus meetings. This course meets face to face in Building 100, Room 196, on two Wednesdays: June 21 and July 19, from 5:00-6:50 PM. For more important additional information read the Online Course Information page toward the end of schedule AND go to <http://www.chabotcollege.edu/online>

O10527 By Arr 9.0 Hrs/Wk HYBRID ULIBARRI-SP 06/19-07/27 GR EH2

This is a hybrid course with two required on-campus meetings. This course meets face to face in Building 300, Room 354, on two Wednesdays: June 21 and July 26, from 5:00-6:50 PM. For more important additional information read the Online Course Information page toward the end of schedule AND go to <http://www.chabotcollege.edu/online>

ENGL 4 CRITICAL THINK/WRITE LIT 3.0 Units

Develops critical thinking, reading, and writing skills as they apply to the analysis of fiction (short stories and novel), poetry and drama. **Prerequisite: English 1A (Completed with a grade of C or higher).**

D 10008 Lec MTWR 8:15 10:20 802 FOTH 06/19-07/27 GR 061
 D 10148 Lec MTWR 10:30 12:35 811 TREANOR 06/19-07/27 GR 062
 D 10281 Lec MTWR 1:00 3:05 858 TREANOR 06/19-07/27 GR 063
 D 10309 Lec TWR 10:30 12:35 801 HUERTA 06/12-08/03 GR 081
 E 10310 Lec TWR 6:00 8:05 802 WOODS 06/12-08/03 GR 082

O 10082 By Arr 9.0 Hrs/Wk 507 HIGGINS 06/19-07/27 GR EH1

This is a hybrid course with two required on-campus meetings. This course meets face to face in Room 507 on Monday, June 19th from 6-7:50pm; and July 24th from 6:00-7:50 PM. For more important additional information read the Online Course Information page toward the end of the schedule AND go to <http://www.chabotcollege.edu/online>

ENGL 7 CRITICAL THINK/WRITE ACROSS 3.0 Units

Develops critical thinking, reading, and writing skills as they apply to the textual analysis of primary and secondary non-fiction and book-length works from a range of academic and cultural contexts. Written, research-based argument.

Prerequisite: English 1A (Completed with a grade of "C" or higher).

D 10311 Lec MTWR 10:30 12:35 852 HODSDON 06/19-07/27 GR 061
 D 10462 Lec TWR 8:15 10:20 807 FLYNN 06/12-08/03 GR 081
 E 10149 Lec MTWR 6:00 8:05 807 NEGUS 06/19-07/27 GR 062

O 10084 By Arr 9.2 Hrs/Wk ONLINE JOHNSTON 06/19-07/27 GR EH1

ENGL 7-EH1 is a hybrid course with two required on-campus meetings. This course meets face-to-face in Room 354 on Monday, June 26th from 6:00-7:50PM; and July 24 from 6:00-7:50 PM. For more important additional information read the Online Course Information page towards the end of the schedule AND go to <http://www.chabotcollege.edu/online>

ENGL 101A READING, REASONING & WRITING I 4.0 Units

Academic reading, critical thinking and writing expected in transfer and associate-degree classes. First semester of a two-semester sequence. **Strongly recommended: Participation in the English placement process.**

D 10457 Lec TWR 8:15 10:20 355 WILLITS 06/12-08/03 P/N 081
 Lab TWR 10:30 11:45 355 P/N

ENGL 101B READING, REASONING, WRITING II 4.0 Units

Second semester study of academic reading, reasoning, and writing skills. Preparation for academic reading, critical thinking, and writing expected in transfer and associate-degree classes. **Prerequisite: successful completion of English 101A.**

D 10458	Lec	TWR	8:15 10:20	510	LORETTE	06/12-08/03	P/N	081
	Lab	TWR	10:30 11:45	510			P/N	

ENGL 102 READ/REASON/WRITE-ACCELERATED 4.0 Units

Preparation for academic reading, critical thinking, and writing expected in transfer and associate-degree classes. **Strongly recommended: Participation in the English placement process.**

D 10459	Lec	TWR	8:15 10:20	855	STOKES-COBB	06/12-08/03	P/N	081
	Lab	TWR	10:30 11:45	855			P/N	
D 10553	Lec	TWR	10:30 12:35	356	FLYNN	06/12-08/03	P/N	082
	Lab	TWR	12:40 1:55	356			P/N	
E 10554	Lec	TWR	4:30 6:35	357	TOLBERT	06/12-08/03	P/N	083
	Lab	TWR	6:40 7:55	357			P/N	

ENGL 116 LEARNING SKILLS/DIAGNOSTIC CLI 1.0 Units

Determination of eligibility for learning skills services through diagnostic testing. State-mandated tests. Focus on compensatory methods as derived from test results.

D 10543	Lec	MW	9:00 10:15	307	CLEMENTS	06/19-07/27	P/N	061
	Lab	MW	10:25 11:40	307			P/N	
D 10030	Lec	TR	9:00 10:15	307	CLEMENTS	06/19-07/27	P/N	062
	Lab	TR	10:25 11:40	307			P/N	

ENGLISH AS A SECOND LANGUAGE

ESL 116A INTRO TO REVIEW OF BASIC ENGLI 3.0 Units

A comprehensive review of basic sentence types; short writing assignments; reading fiction and nonfiction; reinforces fluency in reading, writing, and grammar.

E 10720	Lec	TWR	6:30 8:35	351	MEJIA	06/12-08/03	P/N	E81
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ENTREPRENEURSHIP

ENR 1 INTRO TO ENTREPRENEURSHIP 3.0 Units

Introduction to the key concepts and skill requirements for new business creation. Evaluation of personal entrepreneurship skills. Emphasis on identifying business opportunities, securing funding, and planning for new venture start-up.

O 10111	By Arr	6.7 Hrs/Wk	ONLINE	COLON	06/12-08/03	OP	ENI	
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ENR 1-EN1 is an online course with no required on-campus meetings. For important additional information, go to <http://www.chabotcollege.edu/online>

ENR 5 THE ENTREPRENEURIAL MINDSET 3.0 Units

A study of social and business entrepreneurs throughout history and around the world. An exploration of the traits that enable entrepreneurs to thrive in vastly different cultures and eras, and the important contributions made by these innovators.

O 10564	By Arr	6.7 Hrs/Wk	ONLINE	COLON	06/12-08/03	GR	EN1	
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ENR 5-EN1 is an online course with no required on-campus meetings. For important additional information, go to <http://www.chabotcollege.edu/online>

ETHNIC STUDIES

ES 1 INTRO TO ETHNIC STUDIES 3.0 Units

An introduction to the historical and socio-cultural experiences of racial and ethnic groups in the United States. Focus will be on key issues such as immigration, political stratification, employment discrimination, Americanization, class, racial and ethnic identity, and gender roles that have shaped relations in American society. Study is inter-and multidisciplinary. A comparative approach covering African American, Mexican American, Asian American, Native American and Middle Eastern American.

O 10753	By Arr	9.0 Hrs/Wk	ONLINE	FISCHER	07/05-08/03	GR	EN1	
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ES 1-EN1 is an online course with no required on-campus meetings. For important additional information, go to <http://www.chabotcollege.edu/online>

FIRE TECHNOLOGY

FT 88A INTRO TO FIRE FITNESS TRAINING 1.0 Units

This course is designed to prepare the Fire Technology student for the physical rigors of FT89 and the Chabot Fire Academy. Course sessions will address aspects of physical training, ladder and hydrant operations and knots utilized in the Fire Service. **May not receive credit if PEAC FFT has been completed.**

D 10715	Lab	TR	8:45 12:00	2920	PASTORE	06/12-08/03	OP	081
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FT 88B INTERMED FIRE FITNESS TRAINING 1.0 Units

This course is designed to further the physical fitness and vocational skills of the fire technology student. Course sessions will consist of physical training and continuing fire service skills development. **May not receive credit if PEAC FFT1 has been completed. Prerequisite: FT 88A or PEAC FFT (Completed with a grade of "C" or higher)**

D 10716	Lab	TR	8:45 12:00	2920	PASTORE	06/12-08/03	OP	081
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FT 88C ADVANCED FIRE FITNESS TRAINING 1.0 Units

Designed to increase the skill and fitness levels developed in FFT 2 or FT 88B, intermediate fire fitness training. **May not receive credit if PEAC FFT 2 has been completed. Prerequisite: FT 88B (Completed with a grade of "C" or higher) or , PEAC FFT (Completed with a grade of "C" or higher)**

D 10717	Lab	TR	8:45 12:00	2920	PASTORE	06/12-08/03	OP	081
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FT 88D TACTICAL FIRE FITNESS TRAINING 1.0 Units

This course is designed to maximize the physical fitness and vocational skills development of the Fire Technology student. **May not receive credit if PEAC FFT 3 has been completed. Prerequisite: FT 88C (Completed with a grade of "C" or higher) or , PEAC FFT2 (Completed with a grade of "C" or higher)**

D 10718	Lab	TR	8:45 12:00	2920	PASTORE	06/12-08/03	OP	081
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FT 89 FIREFIGHTER 1-ACADEMY INTRO 0.5 Units

Orientation and evaluation of the necessary knowledge, skills and abilities to succeed in the Firefighter 1 Academy (FireTech 90A, 90B and 90C). Physical fitness and hand-eye coordination skills evaluation. **Prerequisites: Fire Technology 50, 51, 52; Physical Education. Fire Conditioning [2FSC or Kinesiology FSC, FFT-PAC1] or FT 88A or equivalent firefighter physical conditioning training; Health 81 or EMS 2 (or proof of enrollment in an EMT another institution - All courses Completed with a grade of "C" or higher). Strongly recommended: MATH 65 or 65A and eligibility for English 1A.**

E 10719	Lab	Sat	8:00 11:50	2920	BUELL	06/20-06/24	P/N	E71
	Lec	Sat	1:00 4:50	1611			P/N	
	Lab	TR	5:00 8:50	2920			P/N	

Class meets 06/20, 06/22, 06/24

FT 95 WORK EXPERIENCE/FT 1.0 - 3.0 Units

College supervised on-the-job training while working in a fire service related occupation. Student Firefighters will need to provide proof of current EMT-Basic or Paramedic license, as well as current CPR certification and medical vaccinations before riding along with host fire agencies. Student Firefighter **Prerequisite: Completion of an Accredited California Firefighter 1 Academy. Student Fire Inspector Prerequisite: Completion of Certificate of Achievement Program for Fire Prevention Inspector. Corequisite: Fire Technology 96.**

E 10396	By Arr	15.0 Hrs/Wk	1504	BUELL	06/12-08/03	GR	081	
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FT 96 WORK EXPERIENCE SEMINAR/FT 1.0 Units

Focal point for the coordination of the curriculum with college-supervised part-time or full-time employment or volunteer work in the fire service field. Case studies, job-related problems, student cases and presentations, and material related to employment, organization, and management; emphasis on building strong working relationships with supervisors, subordinates, and coworkers. Student Firefighters will need to provide proof of current EMT-Basic or Paramedic license, as well as current CPR certification and medical vaccinations before riding along with host fire agencies. Student Firefighter **Prerequisite: Completion of an Accredited California Firefighter 1 Academy. Student Fire Inspector Prerequisite: Completion of Certificate of Achievement program for Fire Prevention Inspector. Corequisite: Fire Technology 95.**

E 10397	Lec	Wed	6:00 9:50	1506	BUELL	06/14-06/21	GR	081
	Lec	Wed	6:00 9:50	1506			GR	
	Lec	Wed	6:00 7:50	1506			GR	

Class meets 06/14, 06/21, 07/12, 07/19, and 08/02.

FRENCH

FRNC 1A BEGINNING FRENCH 5.0 Units

Introduction to the French-speaking cultures of the world featuring the study and practice of the four language skills (listening, speaking, reading, and writing) of French. Strongly Recommended: Eligibility for English 1A.

O 10102 By Arr 21.6 Hrs/Wk ONLINE BARNEZET PA 05/30-07/03 OP EN1
FRNC 1A-EN1 is an intensive 5-week online course with no on-campus meetings. Students must have an email account and Internet access by the first day of class, Tuesday, May 30th to read the announcements and see course assignments. To begin go to <http://www.chabotcollege.edu/online> and click the course website. Contact the instructor for more information at cparrish@chabotcollege.edu Please note: Some previous knowledge of French is recommended for this intensive course.

O 10675 By Arr 21.6 Hrs/Wk ONLINE BARNEZET PA 05/30-07/03 OP EN2
FRNC 1A-EN2 is an intensive 5-week online course with no on-campus meetings. Students must have an email account and Internet access by the first day of class, Tuesday, May 30th to read the announcements and see course assignments. To begin go to <http://www.chabotcollege.edu/online> and click the course website. Contact the instructor for more information at cparrish@chabotcollege.edu Please note: Some previous knowledge of French is recommended for this intensive course.

FRNC 1B ELEMENTARY FRENCH 5.0 Units

Further study of French-speaking cultures of the world featuring the acquisition of the four language skills (listening, speaking, reading, and writing) of French begun in French 1A. **Prerequisite: French 1A (Completed with a grade of "C" or higher).**

O 10308 By Arr 21.6 Hrs/Wk ONLINE BARNEZET PA 07/05-08/03 OP EN1
FRNC 1B-EN1 is an intensive 5-week online course with no on-campus meetings. Students must have an email account and Internet access by the first day of class, Wednesday, July 5th to read the announcements and see course assignments. To begin go to <http://www.chabotcollege.edu/online> and click the course website. Contact the instructor for more information at cparrish@chabotcollege.edu Please note: Some previous knowledge of French is recommended for this intensive course.

GENERAL STUDIES

GNST 5A PASSION AND PURPOSE 2.0 Units

Exploration and discovery of personal passions in the context of social and family relationships, serving the wider community, and analyzing and understanding higher education - particularly at Chabot College. Focus on connection of passion to one's talents and potential purpose(s) in life.

D 10771 Lec MW 3:15 4:30 851 MC FARLAND 06/19-07/27 OP 001
Lab MW 4:40 5:50 851 OP
Lab TR 3:15 5:50 851 OP
Lab By Arr 1.0 Hrs/Wk 851 OP

GNST 51 STUDENT LEADERSHIP LABORATORY 1.0 Units

Training in the student leadership and governance with an emphasis on practical application of effective student leadership skills. Students will attend and participate in Associated Student Senate meetings, club, or shared governance meetings to receive credit for this course. **May not receive credit if Political Science 51 has been completed.**

D 10644 Lab MTWR 1:00 3:05 807 STAFF - Aca 06/19-07/27 P/N 061

GNST 66 LIFE SKILLS FOR THE ADOLESCENT 3.5 Units

Educational Preparation for life for the young adult. Includes drug and alcohol education, nutrition education, disease prevention, college preparation, basic career goal setting, and risk factor reduction related to the prevention of obesity at an early age. Fitness component involves activity participation in team sports, along with basic fitness education in heart rate monitoring and physical fitness training. Designed for the adolescent learner interested in developing college preparatory skills and life-long learning strategies in the area of health and fitness.

D 10096 Lec MTWR 8:00 9:10 *307 Staff - K 06/19-07/20 P/N 051
Lab MTWR 9:15 2:30 *307 P/N

Offsite room *307 meets at CAREER PATHWAYS 25555 HESPERIAN BLVD HAYWARD, CA The GNST 66 Life Skills for the Adolescent. This course focuses on developing good health and life skills for adolescent's 10-16 years old. The adolescent youth will learn the foundation of the following sports: Basketball, Track & Field Soccer, Softball, and Swimming. Students will also participate in life skill development so they can learn how to live healthy and safe lives. The class is open to all students, but interested students must eligibility guidelines and agree to all program requirements. For more information, please contact Liz Morales at (510) 723-7676.

GEOGRAPHY

GEOG 1 INTRO TO PHYSICAL GEOGRAPHY 3.0 Units

This course is a spatial study of the Earth's dynamic physical system and processes. Topics include: Earth-sun geometry, weather, climate, water, landforms, soil, and the biosphere with emphasis on spatial characteristics, change over time, interactions between environmental components, and human-environment interactions. Tools of geographic inquiry are also briefly covered; they include maps, remote sensing, Geographic Information Systems (GIS) and Global Positioning Systems (GPS).

D 10095 Lec MTWR 10:30 12:35 505 YOUNESSI 06/19-07/27 GR 061
D 10278 Lec MTWR 9:00 10:25 505 YOUNESSI 06/12-08/03 GR 081

HEALTH

HLTH 1 INTRODUCTION TO HEALTH 3.0 Units

Physiological, psychological, and social perspectives of health. Emphasis on knowledge, attitudes and behaviors that will contribute to a healthy individual.

D 10058 Lec MTWR 10:30 12:35 1908 CALCAGNO 06/19-07/27 OP 061
D 10253 Lec MTWR 1:00 3:05 1908 ORVISS 06/19-07/27 OP 062

E 10321 Lec MW 6:00 9:05 2252 ORVISS 06/12-08/03 OP 081

O 10053 By Arr 6.7 Hrs/Wk ONLINE GRACE 06/12-08/03 OP EN1

O 10081 By Arr 6.7 Hrs/Wk ONLINE LOFFT 06/12-08/03 OP EN2

O 10200 By Arr 6.7 Hrs/Wk ONLINE DROUIN 06/12-08/03 OP EN3

HLTH 1-EN1/EN2/EN3 are online courses, with no required on-campus meetings. For important additional information, go to www.chabotcollege.edu/online/

HLTH 8 HUMAN SEXUALITY 3.0 Units

Physiological and psychosocial aspects of sexual health in our contemporary society. Understanding the interrelationship of attitude and behavior as it relates to sexual well-being and sexual integrity. **May not receive credit if Psychology 8 or Sociology 8 has been completed.**

O 10530 By Arr 6.7 Hrs/Wk ONLINE LOFFT 06/12-08/03 OP EN1

HLTH 8-EN1 is an online course, with no required on-campus meetings. For important additional information, go to www.chabotcollege.edu/online/

HLTH 16 HEALTHY WEIGHT LOSS 3.0 Units

Physical, emotional, and spiritual perspectives of healthy weight loss. Emphasis on acquiring knowledge and developing life skills required to achieve a healthy weight for improved wellness.

O 10322 By Arr 6.7 Hrs/Wk ONLINE CALCAGNO 06/12-08/03 OP EN1

HLTH 16-EN1 is an online course, with no required on-campus meetings. For important additional information, go to www.chabotcollege.edu/online/

HLTH 51A BASIC MEDICAL TERMINOLOGY 4.0 Units

Terminology used typically by the medical profession; explanation of the history of terminology, prefixes, suffixes, and root words; emphasis on spelling, definitions, pronunciation, and an understanding of their meanings; includes medical abbreviations, anatomical, disease, diagnostic, medical, surgical, and additional terms as they relate to each body system.

E 10438 Lec MW 6:00 10:05 2254 COLLETT 06/12-08/03 OP 081

HISTORY

HIS 7 US HISTORY THROUGH RECONSTRUCT 3.0 Units

A survey of United States history from its pre-colonial, indigenous origins through the end of Reconstruction. Emphasis on (1) distinctively American patterns of political, economic, social, intellectual and geographic developments, (2) the interaction amongst and the experiences of diverse racial, ethnic and socioeconomic groups in American History, and (3) the evolution of American institutions and ideals including the U.S. Constitution, representative democratic government, the framework of California state and local government, and the relationships between state/local government and the federal government.

D 10455 Lec MTWR 10:30 12:55 555 NIDEROST 07/05-08/03 GR A51

D 10157 Lec MTWR 8:00 10:05 556 HIGDON 06/19-07/27 GR A61

D 10279 Lec MTWR 10:30 12:35 556 HIGDON 06/19-07/27 GR A62

D 10158 Lec MTWR 1:00 3:05 556 COLLINS 06/19-07/27 GR A63

E 10159 Lec MW 6:00 9:10 556 ROBERTSON 06/12-08/03 GR A81

O 10072 By Arr 9.0 Hrs/Wk ONLINE MONIZ 06/19-07/27 GR AN1

HIS 7-AN1 is an online course with no required on-campus meetings. For important additional information, go to <http://www.chabotcollege.edu/online/>

HIS 8 US HISTORY POST-RECONSTRUCT 3.0 Units

A survey of United States history from 1877 to the present with a special emphasis on the interaction amongst and the experiences of diverse racial/ethnic (African Americans, European Americans, Native Americans, Chicano/Latino Americans, Asian Americans, and Middle Eastern Americans), gender and socioeconomic groups in American history. Includes analysis of (1) the U.S. Constitution as a living document in the context of historical change, and (2) significant issues related to California State and local governments.

D 10073	Lec	MTWR	8:00 10:05	555	COLLINS	06/19-07/27	GR	A61
D 10089	Lec	MTWR	10:30 12:35	554	COLLINS	06/19-07/27	GR	A62
D 10382	Lec	MTWR	1:00 3:05	506	NIDEROST	06/19-07/27	GR	A63
E 10456	Lec	TR	6:00 9:05	557	ROBERTSON	06/12-08/03	GR	A81
O 10383	By Arr		9.0 Hrs/Wk	ONLINE	MONIZ	06/19-07/27	GR	AN1

HIS 8-AN1 is an online course with no required on-campus meetings. For more information, please go to www.chabotcollege.edu/online/

HIS 12 HISTORY OF CALIFORNIA 3.0 Units

Historical development of California, including Spanish exploration and settlement and the Mexican Revolution. Transformation of California under United States control; the American conquest, the Gold Rush, and dynamic expansion to the present day.

O 10074	By Arr		9.0 Hrs/Wk	ONLINE	MONIZ	06/19-07/27	OP	ENP
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HIS 12-ENP is an online PACE course with no required on-campus meetings. Only PACE students may enroll in this class until 5/30. On 5/31, any student may enroll in remaining open spaces. For more information about the PACE program go to <http://www.chabotcollege.edu/PACE>

HUMAN SERVICES* (See Psyc-Counseling)

HUMANITIES

HUMN 65 THE AMERICAN STYLE 3.0 Units

Humanities in the United States. Major works of literature, painting, sculpture, architecture, film, music, philosophy, science, religion, and political and social institutions. Particular attention to values and meanings that reflect the American cultural experience.

O 10392	By Arr		6.7 Hrs/Wk	ONLINE	SILVER	06/12-08/03	GR	EN1
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HUMN 65-EN1 is an online course, with no required on-campus meetings. For important additional information, go to <http://www.chabotcollege.edu/online>

HUMN 68 WORLD MYTHOLOGY 3.0 Units

Introduction to mythic themes recurring in global literature, the visual arts, and music; gods, humans, heroes; their origins, variations, historical development, and full expression in classical times and continued presence in the arts. (Formerly HUMN 28)

O 10599	By Arr		6.7 Hrs/Wk	ONLINE	DINWIDDIE	06/12-08/03	GR	ENP
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HUMN 68-ENP is an online PACE course with no required on-campus meetings. Only PACE students may enroll in this class until 5/30. On 5/31, any student may enroll in remaining open spaces. For more information about the PACE program go to <http://www.chabotcollege.edu/PACE>

MACHINE TOOL TECHNOLOGY

MTT 70 INTRODUCTION TO MACHINE SHOP 2.0 Units

Introduction to machine shop practice. Includes measuring tools, benchmark, screw threads, drill presses, lathes, and vertical milling machine operations. Safe and correct use of machine tools.

E 10019	Lec	TWR	5:00 5:50	1615	THUESEN	06/19-07/27	OP	061
	Lab	TWR	6:00 8:50	1402			OP	

MTT 75 NUMERICAL CONTROL OPERATOR 4.0 Units

Introduction to operating computer numerical controlled drilling and milling machining centers, two axis lathes, and mill-turn machining centers. Instruction includes the XYZ Cartesian Coordinate system, manual and automatic machining center setup and operation, 2 axis lathe setup and operation, mill-turn machining center setup and operation, basic program editing, run programmed mill and lathe parts, laboratory "first article" inspection, and creating lab inspection reports.

E 10721	Lec	MTWR	5:00 6:15	1620	LONG	06/19-07/27	GR	061
	Lab	MTWR	6:20 10:30	1618			GR	

MARKETING* (See course listing under Business)

MATHEMATICS

MTH 1 CALCULUS I 5.0 Units

Limits and continuity, differentiation of algebraic and trigonometric functions, the definite integral. **Prerequisite: Mathematics 20 (Completed with a grade of "C" or higher) or an appropriate skill level demonstrated through the Mathematics assessment process.**

D 10075	Lec	MTWR	1:30 4:05	1811	CREW	06/12-08/03	GR	081
E 10160	Lec	MTWR	6:00 8:35	1811	BATCHELOR	06/12-08/03	GR	082

MTH 2 CALCULUS II 5.0 Units

Techniques of integration, parametric equations, polar coordinates, sequences and series. Introduction to three-dimensional coordinate system and operations with vectors. Primarily for mathematics, physical science and engineering majors. **Prerequisite: Mathematics 1 (Completed with a grade of "C" or higher).**

D 10164	Lec	MTWR	10:45 1:20	1705	GONZALEZ	06/12-08/03	GR	081
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MTH 4 ELEM DIFFERENTIAL EQUATIONS 3.0 Units

Introduction to differential equations, including first and second order equations, series solutions, Laplace transforms, applications. **Prerequisite: Mathematics 2 (Completed with a grade of "C" or higher).**

D 10440	Lec	MTWR	10:45 12:50	1813	YEST	06/19-07/27	GR	061
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MTH 15 APPLIED CALCULUS I 3.0 Units

Differential calculus of algebraic, exponential, and logarithmic functions; introduction to integral calculus. Applications in business, economics and the life and social sciences. **Prerequisite: Mathematics 31 or Mathematics 20 (Completed with a grade of C or higher) or an appropriate skill level demonstrated through the Mathematics Assessment process.**

D 10513	Lec	MTWR	1:30 2:55	1755	KELLY	06/12-08/03	GR	081
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MTH 20 PRE-CALCULUS MATHEMATICS 5.0 Units

Rational functions and relations with emphasis on logical development and graphing. Solution of polynomial equations and inequalities, graphing conic sections, mathematical induction, binomial theorem; strengthening of skills in working with exponential, logarithmic, and trigonometric functions: equations, graphs, and applications. **Prerequisite: Mathematics 36 or 37 (Completed with a grade of "C" or higher) or appropriate skill level demonstrated through the Mathematics assessment process.**

D 10076	Lec	MTWR	10:30 1:05	1755	KELLY	06/12-08/03	GR	081
D 10167	Lec	MTWR	1:45 4:20	1904	GONZALEZ	06/12-08/03	GR	082
E 10441	Lec	MTWR	5:30 8:05	1904	YEST	06/12-08/03	GR	083

MTH 31 COLLEGE ALGEBRA 3.0 Units

Preparation for Calculus for Business and Social Science students. Functions and graphs; polynomials, rational functions. Exponential and logarithmic functions, circles, parabolas, binomial theorem, sequences and series. Solving rational, radical, quadratic in form, exponential and logarithmic equations. **Prerequisite: Mathematics 54 or 54L or Mathematics 55 or 55L or Mathematics 55B (Completed with a grade of "C" or higher) or appropriate skill level demonstrated through the Mathematics Assessment process. This course may require you to purchase access to an online mathematics learning environment.**

D 10168	Lec	MTWR	8:30 9:55	1705	MUELLER	06/12-08/03	GR	081
D 10282	Lec	MTWR	10:30 11:55	1708	ABRAO	06/12-08/03	GR	082

MTH 36 TRIGONOMETRY 3.0 Units

Plane trigonometry. Includes circular and right triangle trigonometric functions; trigonometric equations, graphs and identities; triangle solutions. Polar coordinates. **Prerequisite: Mathematics 57 and Mathematics 55 or Mathematics 55B (all Completed with a grade of C or higher) or an appropriate skill level demonstrated through the Mathematics Assessment process. May not receive credit if Mathematics 37 has been completed.**

D 10442	Lec	MTWR	12:00 1:50	1756	NEMZER	06/19-08/03	OP	071
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MTH 37 TRIG/GEOMETRIC FOUNDATIONS 5.0 Units

Plane trigonometry, with topics from plane geometry. Contains the entire subject content of Mathematics 36. Includes circular and right triangle trigonometric functions; trigonometric equations, graphs and identities; triangle solutions; polar coordinates. Also includes congruence, properties of polygons, parallel lines, similarity, areas, volumes, and coordinate geometry. **Prerequisite: Mathematics 55, 55L or Mathematics 55B (both Completed with a grade of "C" or higher) or an appropriate skill level demonstrated through the Mathematics Assessment process. May not receive credit if Mathematics 36 has been completed.**

D 10655	Lec	MTWR	8:00 10:35	1752	ROULAND	06/12-08/03	GR	081
D 10068	Lec	MTWR	10:45 1:20	1752	NAISIRI	06/12-08/03	GR	082
D 10169	Lec	MTWR	1:45 4:20	1705	PHAM	06/12-08/03	GR	083
E 10446	Lec	MTWR	6:00 8:35	1752	DINH	06/12-08/03	GR	084

MTH 43 INTRO/PROBABILITY & STATISTICS 4.0 Units

Descriptive statistics, including measures of central tendency and dispersion; elements of probability; tests of statistical hypotheses (one and two populations); correlation and regression; applications in various fields. Introduction to the use of computer software package to complete both descriptive and inferential statistics problems. **Prerequisite: Mathematics 54, 54L, 55, 55L or 55B (Completed with a grade of "C" or higher), or an appropriate skill level demonstrated through the Mathematics Assessment process. Strongly recommended: Eligibility for English 1A. May not receive credit if Mathematics 35 has been completed. This course may require you to purchase statistics software and a graphing calculator.**

D 10070	Lec	MTW	1:00 3:50	1706	SOHR	06/12-08/03	GR	081
	Lab	Thu	1:00 3:15	1706			GR	
D 10524	Lec	MTW	1:00 3:50	1751	ABRAO	06/12-08/03	GR	082
	Lab	Thu	1:00 3:15	1751			GR	
D 10525	Lec	MTW	2:15 5:05	1708	CORENO	06/12-08/03	GR	083
	Lab	Thu	2:15 4:30	1752			GR	
D 10069	Lec	MTR	8:00 10:50	1751	BRASELTON	06/19-08/03	GR	085
	Lab	Wed	8:00 10:15	1751			GR	
D 10170	Lec	MR	10:45 1:00	1804	DAVIS	06/19-08/03	GR	H72
	By Arr	8.9 Hrs/Wk	HYBRID				GR	

This section is a hybrid section and it will be partially Flipped. Students will be expected to view lecture content through online videos outside of regular class time.

E 10071	Lec	MTW	7:15 10:05	1706	ISHIBASHI	06/12-08/03	GR	084
	Lab	Thu	7:15 9:30	1706			GR	

MTH 53 APPLIED ALGEBRA & DATA ANALYSIS 6.0 Units

Equations and formulas; linear, exponential, logarithmic and variation functions; measurement and conversion of units; exponents and scientific notation; introduction to descriptive statistics including graphical methods; introduction to probability; measures of risk. Intended for students who do not need calculus. **Prerequisite: MTH 104 (Completed with a grade of "C" or higher) or an appropriate skill level demonstrated through the Mathematics Assessment process. Strongly Recommended: ENGL 102 or ENGL 101B This course may require you to purchase access to an online mathematics learning environment.**

D 10273	Lec	MT	8:00 10:15	1813	DAVIS	06/19-08/03	OP	H71
	Lab	Thu	8:00 10:15	1813			OP	
	By Arr	10.5 Hrs/Wk	HYBRID				OP	

This section is a hybrid section and it will be partially flipped. Students will be expected to view lecture content through online videos outside of regular class time. This course is designed for students with a major that does NOT require Calculus or Applied Calculus. The course will prepare students for entry into Math 41 (Number Systems), Math 43 (Statistics) and Math 47 (Math for Liberal Arts). For more information, please contact the Science & Math Division at cc-sciencemathdiv@chabotcollege.edu

MTH 55 INTERMEDIATE ALGEBRA 5.0 Units

Concepts involving complex numbers, quadratic equations, parabolas and circles, functions and their graphs, systems of equations, rational exponents, radical equations, absolute value equations and inequalities, exponential and logarithmic functions and equations. **Prerequisites: Mathematics 65 or Mathematics 65B or Mathematics 65L (Completed with a grade of "C" or higher) or an appropriate skill level demonstrated through the Mathematics Assessment process. May not receive credit if Mathematics 55A and Mathematics 55B or Mathematics 55L have been completed. This course may require you to purchase access to an online mathematics learning environment.**

D 10077	Lec	MTWR	7:45 10:20	1801	TA	06/12-08/03	OP	081
D 10659	Lec	MTWR	8:30 11:05	1756	KNIGHTS	06/12-08/03	OP	082
D 10171	Lec	MTWR	10:45 1:20	1801	ROULAND	06/12-08/03	OP	083
D 10443	Lec	MTWR	1:30 4:05	1801	POLISHCHUK	06/12-08/03	OP	084
E 10078	Lec	MTWR	7:00 9:35	1801	NEMZER	06/12-08/03	OP	085

MTH 65 ELEMENTARY ALGEBRA 5.0 Units

Elementary concepts, including signed numbers, integral exponents, polynomials and rational expressions; linear, quadratic and rational equations; linear inequalities; introduction to graphs and set theory; systems of equations. **Prerequisite: Mathematics 104 (Completed with a grade of C or higher) or an appropriate skill level demonstrated through the Mathematics Assessment process. May not receive credit if Mathematics 65L or Mathematics 65A and Mathematics 65B have been completed. This course is designed for students with a major requiring Calculus or Applied Calculus. This course may require you to purchase access to an online mathematics learning environment.**

D 10172	Lec	MTWR	7:45 10:20	1703	NASIRI	06/12-08/03	OP	081
D 10079	Lec	MTWR	1:45 4:20	1803	YEST	06/12-08/03	OP	082
E 10080	Lec	MTWR	6:00 8:35	1756	LIANG	06/12-08/03	OP	083

MTH 65A ELEMENTARY ALGEBRA A 3.0 Units

Concepts covered in the first half of Mathematics 65, including signed numbers, linear equations and inequalities; introduction to graphs; set theory. Designed for those with no previous algebra background. **Prerequisite: Mathematics 104 (completed with a grade of "C" or higher) or an appropriate skill level demonstrated through the Mathematics Assessment process. May not receive credit if Mathematics 65 or 65L has been completed.**

D 10774	Lec	MTWR	2:00 3:25	1906	OLIVER	06/12-08/03	OP	HG1
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The Math 65A/B sequence splits Math 65 (Elementary Algebra) into two 3-unit courses that cover the same STEM track content of Math 65 but present it in a self-paced mastery approach completely individualized for you. When Math 65A is completed you continue directly into Math 65B. Each weekly progress quiz you take is based on the results of your last quiz. Topics you have not mastered return and topics are added. Assigned homework modules are online and completed by hand (pencil and paper) just like the weekly progress quizzes. New topics are introduced by online videos. Regular class meetings are tutoring sessions where you can get help from your instructor. Your course grade is based on your final exam which can be taken more than once. Sample final exams are available online for practice at any time.

E 10775	Lec	MTWR	5:00 6:25	1906	OLIVER	06/12-08/03	OP	HG2
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The Math 65A/B sequence splits Math 65 (Elementary Algebra) into two 3-unit courses that cover the same STEM track content of Math 65 but present it in a self-paced mastery approach completely individualized for you. When Math 65A is completed you continue directly into Math 65B. Each weekly progress quiz you take is based on the results of your last quiz. Topics you have not mastered return and topics are added. Assigned homework modules are online and completed by hand (pencil and paper) just like the weekly progress quizzes. New topics are introduced by online videos. Regular class meetings are tutoring sessions where you can get help from your instructor. Your course grade is based on your final exam which can be taken more than once. Sample final exams are available online for practice at any time.

MTH 65B ELEMENTARY ALGEBRA B 3.0 Units

Concepts covered in the second half of Mathematics 65, including an introduction to polynomials, factoring, rational expressions and complex fractions; quadratic and rational equations; Solving quadratic equations. **Prerequisite Mathematics 65A (completed with a grade of C or higher). May not receive credit if Mathematics 65 or 65L has been completed.**

D 10776	Lec	MTWR	3:30 4:55	1906	OLIVER	06/12-08/03	OP	HG1
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The Math 65A/B sequence splits Math 65 (Elementary Algebra) into two 3-unit courses that cover the same STEM track content of Math 65 but present it in a self-paced mastery approach completely individualized for you. When Math 65A is completed you continue directly into Math 65B. Each weekly progress quiz you take is based on the results of your last quiz. Topics you have not mastered return and topics are added. Assigned homework modules are online and completed by hand (pencil and paper) just like the weekly progress quizzes. New topics are introduced by online videos. Regular class meetings are tutoring sessions where you can get help from your instructor. Your course grade is based on your final exam which can be taken more than once. Sample final exams are available online for practice at any time.

MTH 104 PREALGEBRA 3.0 Units

Brief review of arithmetic, including fractions, decimals, percents; order of operations, and geometric formulas. Introduction to algebraic concepts, including signed numbers, properties of real numbers, algebraic expressions, linear equations and graphs. **Prerequisite: Mathematics 103 (complete with a grade of "C" or higher) or an appropriate skill level demonstrated through the mathematics assessment process. This course may require you to purchase access to an online mathematics learning environment.**

D 10280	Lec	MTW	10:30 12:35	1753	FREELAND	06/12-08/03	OP	081
	Lab	Thu	10:30 12:35	1753			OP	

MTH 122 MATH Lab 0.5 Units

Provides mathematics students an opportunity to build/maintain mathematics skills with tutorial assistance from an instructor, student tutors, and/or fellow Students may also use a software program and work on problems at their own pace through active participatory experience.

- D 10664 Lab MTW 11:05 1:20 1811 ISHIBASHI 07/05-08/02 P/N DAR
MTH 122-DAR is part of the DARAJA Project.
- D 10507 Lab MTWR 10:00 1:10 1812 HO 06/26-07/06 P/N E01
Math Jam! This session of Math 122 is a Math Jam for students who assessed into Math 55 or above. Come meet other students, play some games, get comfortable on campus, and have fun while preparing to take (or re-take) the math assessment. Student who complete a Jam more often assess into a higher level of Math and will be more confident in their next class.
- D 10508 Lab MTWR 11:00 2:10 507 BRASELTON 06/26-07/06 P/N E02
Math Jam! This session of Math 122 is a Math Jam for students who assessed into Math 65 or Math 53. Come meet other students, play some games, get comfortable on campus, and have fun while preparing to take (or re-take) the math assessment. Student who complete a Jam more often assess into a higher level of Math and will be more confident in their next class.
- D 10509 Lab MTWR 2:00 5:10 1753 TA 06/26-07/06 P/N E03
Math Jam! This session of Math 122 is a Math Jam for students who assessed into Math 104. Come meet other students, play some games, get comfortable on campus, and have fun while preparing to take (or re-take) the math assessment. Student who complete a Jam more often assess into a higher level of Math and will be more confident in their next class.
- D 10777 Lab MTWR 1:00 4:10 1812 KNIGHTS 07/10-07/20 P/N E04
Math Jam! This session of Math 122 is a Math Jam for students who assessed into Math 65 of Math 53. Come meet other students, play some games, get comfortable on campus, and have fun while preparing to take (or re-take) the math assessment. Student who complete a Jam more often assess into a higher level of Math and will be more confident in their next class.
- E 10600 Lab MTWR 6:00 9:10 1708 CORENO 06/19-06/29 P/N OP1
This is a PACE Course. Only PACE students may enroll in this class. For more information about the PACE program go to <http://www.chabotcollege.edu/PACE>
- E 10506 Lab MTWR 5:00 8:10 1751 GONZALEZ 06/12-06/22 P/N E05
Math Jam! This session of Math 122 is a Math Jam for students who assessed into Math 104. Come meet other students, play some games, get comfortable on campus, and have fun while preparing to take (or re-take) the math assessment. Student who complete a Jam more often assess into a higher level of Math and will be more confident in their next class.
- E 10511 Lab MTWR 5:00 8:10 1753 KELLY 07/10-07/20 P/N E06
Math Jam! This session of Math 122 is a Math Jam for students who assessed into Math 55 or higher. Come meet other students, play some games, get comfortable on campus, and have fun while preparing to take (or re-take) the math assessment. Student who complete a Jam more often assess into a higher level of Math and will be more confident in their next class.

MUSIC RECORDING TECHNOLOGY

MURT 20 DIGITAL AUDIO WORKSTATION 3.0 Units

Fundamentals of digital audio manipulation, recording and production within industry-standard digital audio workstation software. Introduction to MIDI sequencing, digital signal processing and audio editing.

- D 10769 Lec MTWR 10:00 11:20 1236 ROSEN 06/19-07/27 GR 061
- Lab MTWR 11:30 12:50 1236 GR

MUSIC-LITERATURE, THEORY & MUSICIANSHIP

MUSL 1 INTRODUCTION TO MUSIC 3.0 Units

Music for enjoyment and understanding through informed listening, analysis, evaluation and discernment of musical elements, forms, and repertoire. Attendance at concerts and listening to a variety of music is required.

- D 10670 Lec MTWR 10:30 12:35 1224 SHANNON 06/19-07/27 GR 061
- O 10143 By Arr 14.4 Hrs/Wk ONLINE HARRIS 05/30-07/03 GR EN1
MUSL 1-EN1 is an online course with no required on-campus meetings. For more information, please go to www.chabotcollege.edu/online/

MUSL 3 WORLD MUSIC 3.0 Units

The study of the folk and art music of world cultures. Includes the traditional music of Sub-Saharan Africa. Middle East, China, Japan, Indonesia, India, Latin America, Europe, and Native America. Attendance at four concerts in the San Francisco Bay Area required.

- O 10121 By Arr 10.8 Hrs/Wk ONLINE HARRIS 07/05-08/03 OP EN1
MUSL 3-EN1 is an online course with no required on-campus meetings. For more information, please go to www.chabotcollege.edu/online/

MUSL 8 HIST ROCK & ROLL/POPULAR MUSIC 3.0 Units

A cultural survey of original American music traditions, forms and trends influenced by social, political and economic changes including blues, jazz, early rock, the "British invasion," rap, hip hop culture, Latino rock, heavy metal, jazz-rock fusion, electronic, modern rock.

- O 10391 By Arr 12.0 Hrs/Wk ONLINE SCHULTZ 06/19-07/27 GR EN1
- O 10714 By Arr 12.0 Hrs/Wk ONLINE SCHULTZ 06/19-07/27 GR EN2
MUSL 8-EN1/EN2 are online courses, with no required on-campus meetings. For important additional information, go to www.chabotcollege.edu/online/

NURSING

NURS 54 CLINICAL TOPICS/NURSING 0.5 Units

Study of selected clinical topics and associated nursing process related to nursing practice. **Prerequisite:** NURS 51 and NURS 52 Completion of or NURS 60A and NURS 53 (Completed with a grade of "C" or higher) (or the equivalent) or possession of a valid California LVN or RN license.

- D 10062 Lec TW 8:30 12:45 3116 WESTMORELAN 08/01-08/02 P/N 011
Pre-requisite: Current Chabot Nursing Program admission required.

NUTRITION

NUTR 1 THE SCIENCE OF NUTRITION 3.0 Units

The science of nutrition including the nutrients, their functions, sources and recommended intakes. Nutritional assessment and the role of nutrition in the maintenance of health. For students majoring in the science and/or health fields. Strongly Recommended: Chemistry 30A and Math 65.

- D 10324 Lec MTWR 10:30 12:35 1904 GRILLO 06/19-07/27 OP 061
- O 10067 By Arr 10.5 Hrs/Wk ONLINE CIRERA-PERE 05/30-07/03 OP EN1
NUTR 1-EN1 is an online course, with no required on-campus meetings. For important additional information, go to www.chabotcollege.edu/online/

PHILOSOPHY

PHIL 50 GOD, NATURE, HUMAN NATURE 3.0 Units

Nature and range of philosophical inquiry in relation to everyday problems of humans as individuals, as citizen, as existing in nature, and as a creator of works of the arts and of the spirit. Analysis of primary philosophical documents that concentrate on these broad areas of a human's concerns. Introduction to Philosophy by the Philosophers' own works, their methods of procedure and inquiry; attention given to the development of skills for reading, analyzing, and pursuing philosophical argument. **Strongly Recommended: PHIL 60 (Completed with a grade of "C" or higher), PHIL 65 (Completed with a grade of "C" or higher), PHIL 70 (Completed with a grade of "C" or higher).**

- D 10489 Lec MW 10:00 2:15 856 ZITTRAIN 06/19-07/27 GR 061

PHIL 60 INTRO TO PHIL: ETHICS 3.0 Units

Examination of representative ethical theories. Problems of good and evil, right and wrong, individual and/ or social action; principles, criteria or starting points for these issues and decisions as discussed and developed in great writings of the philosophical-literary tradition.

- O 10144 Lec By Arr 6.7 Hrs/Wk ONLINE SILVER 06/12-08/03 GR EN1
- O 10522 By Arr 6.7 Hrs/Wk ONLINE SILVER 06/12-08/03 GR EN2
PHIL 60-EN1/EN2 are online courses with no required on-campus meetings. For important additional information, go to http://www.chabotcollege.edu/online

PHYSICAL EDUCATION - ADAPTIVE

ADPE ADSF ADAPTED STRETCH & FLEXIBILITY 0.5 Units

This course is designed to give students with disabilities a chance to gain strength and mobility through a series of stretching and resistance exercise in an atmosphere of friendly encouragement. Long range goals are: increased mobility, increased strength and confidence in themselves so they can face their daily tasks with increased confidence. In some cases (strokes, accident rehabilitation) it may mean a return to almost normal lifestyles for some. Students will learn about training and prevention of metabolic syndrome through diet and exercise in this course. **Prerequisite: Students must have their personal physician's clearance for the class and must be registered with Disabled Student Services.**

- D 10528 TR 10:30 12:40 2706 SIROY 06/12-08/03 OP 081

ADPE ADST ADAPTED STRENGTH TRAINING 0.5 Units

Designed to provide reasonable accommodations in resistance training, to students with disabilities. Exercises emphasize muscular strength, muscular endurance, and flexibility. Additional topics will include: safety considerations, resistance training principles, and the role of exercise in overall wellness. **Prerequisite: Student must have their personal physician's approval to take this course and must be registered with the DSRC.**

- D 10203 MW 10:30 12:35 2706 SIROY 06/12-08/03 OP 081

PHYSICAL EDUCATION-ATHLETICS

ATHL BKMP PRE-SEASON INTCOL M BASKETBALL 0.5 Units
 This course is designed for students to increase their off-season physical conditioning, skill/technique level, and knowledge in Men's intercollegiate basketball. **Strongly Recommended: Previous high level of competitive basketball experience and skill level. Approval of the instructor.**
 D 10202 MW 2:00 4:50 2940 O BRIEN 06/19-07/27 OP 061

ATHL BKWPPRE-SEASON INTCOL W BASKETBALL 0.5 Units
 This course is designed for students to increase their off-season physical conditioning, skill/technique level, and knowledge in women's intercollegiate basketball. **Strongly Recommended: High level of basketball skills combined with previous competitive competition.**
 D 10235 TR 2:00 5:05 2500 ANGER 06/19-07/27 OP 061

ATHL DFTP PRE-SEASON INTCOL DEF FOOTBALL 1.0 Units
 This course is for pre-season intercollegiate defensive football conditioning. The student will have the opportunity to analyze defensive techniques, develop training programs, and acquire a thorough working knowledge of the defensive side of the sport of football. **Strongly Recommended: Student needs to have a high level of skills in football and prior playing experience. The instructor will evaluate if this is the appropriate class.**
 D 10232 MTWR 3:15 5:20 FIELD FANENE 06/19-07/27 OP 061

ATHL PRVB PRE-SEASON W INTERC VOLLEYBALL 0.5 Units
 Pre-season training for women's intercollegiate volleyball. **Strongly Recommended: Previous competitive volleyball experience.**
 E 10296 TR 6:00 9:05 2500 HAVILI 06/19-07/27 OP 061

ATHL PRWRPRE-SEASON COMPETITI WRESTLING 0.5 Units
 Pre-season training and conditioning for men and women who plan to wrestle on the Chabot Intercollegiate Team. **Strongly Recommended: Previous high school wrestling experience.**
 D 10242 MTWR 3:00 4:20 2910 SIROY 06/19-07/27 OP 061

ATHL PSOF PRE-SEA TRAIN FOR OFFENSIVE FT 1.0 Units
 This course is for pre-season intercollegiate offensive football conditioning. The student will have the opportunity to analyze offensive techniques, develop training programs, and acquire a thorough working knowledge of the sport of football. **Strongly Recommended: Highly experienced in the sport of football and approved from the head coach.**
 D 10233 MTWR 1:00 3:05 4001 FANENE 06/19-07/27 OP 061

ATHL SCMP MENS PRE-SEAS SOCCER SP COND 0.5 Units
 This course is designed to give students in men's soccer an understanding of the conditioning and training needed for intercollegiate soccer competition. **Strongly Recommended: High level of soccer skill and previous competitive experience. This course is NOT for beginners.**
 D 10236 MTWR 3:00 4:50 FIELD IGWE 07/05-08/03 OP 051

ATHL SFTP PRE-SEASON INCOLLEGI SOFTBALL 0.5 Units
 This course is for pre-season intercollegiate Softball. The student will develop her softball skills through training programs designed for the intercollegiate level. An extensive softball background and previous experience is needed for success in this class.
 D 10234 MTWR 1:00 2:20 SFLD LOKEY 06/19-07/27 OP 061

ATHL WSCP WOMENS PR-SEAS SOCCER SP COND 0.5 Units
 This course is designed to give students in women's soccer an understanding of the conditioning needed for more advanced soccer skills and competition. **Strongly Recommended: High level of soccer skill and previous competitive experience. Strongly Recommended: High level of soccer skills and a high level of personal fitness is required as a prerequisite for this course. This class is NOT for beginners.**
 D 10237 MTWR 1:00 2:50 FIELD BATHOLT 07/05-08/03 OP 051

PHYSICAL EDUCATION-DANCE

DANC HIP1 INTRODUCTION TO HIP HOP DANCE 0.5 Units
 A dance class designed to teach students the fundamental dance steps and techniques of Beginning Hip-hop dance.
 D 10701 TR 1:00 3:15 2930 ROAKE 06/12-08/03 OP 081

DANC HIP2 ADV BEGINNING HIP-HOP DANCE 0.5 Units
 Advanced beginning Hip-hop Dance choreography, alignment, floor patterns, with group interactions and projects. **Prerequisite: DANC HIP1 or PEAC HIP1 (Completed with a grade of "C" or higher)**
 D 10702 TR 1:00 3:15 2930 ROAKE 06/12-08/03 OP 081

DANC HIP3 INTERMEDIATE HIP-HOP DANCE 0.5 Units
 Intermediate hip-hop dance techniques, steps, routines and group presentations. **Prerequisite: DANC HIP2 or PEAC HIP2 (Completed with a grade of "C" or higher).**
 D 10703 TR 1:00 3:15 2930 ROAKE 06/12-08/03 OP 081

DANC HIP4 ADVANCED HIP-HOP DANCE 0.5 Units
 Advanced hip-hop dance techniques, patterns which include floor breaking, rhythmic and direction changes. Choreography and improvisational group projects/ presentations which include exploring rhythmic structures of hip-hop dance. Dance Performance will be emphasized. **Prerequisite: DANC HIP3 or PEAC HIP3 (Completed with a grade of "C" or higher).**
 D 10704 TR 1:00 3:15 2930 ROAKE 06/12-08/03 OP 081

PHYSICAL EDUCATION-HEALTHY AGING ADULT

HEAG FN50 FUNCT MOVEMENT & BALANCE FOR M 0.0 Units
 Develops balance and functional movement for the mature adult (50+years in age). Course will include nutritional information to prevent hypertension and diabetes Course is moderate to hard in intensity. **Prior to Strongly Recommended: Approval from physician to start an exercise program**
 S 10353 Sat 7:30 11:00 *197 LOPEZ 06/05-08/03 OP 081
*Offsite room *197 meets at ADVANCED CIRCUIT CENTER 25555 HESPERIAN BLVD HAYWARD, CA*

HEAG SW50CARDIO SWIMMING FOR MATURE ADU 0.0 Units
 Designed to improve cardiovascular fitness in the older adult. Emphasis on swimming with the aerobic target heart rate training zone. Instruction will also address personal nutrition, hypertension and the prevention of adult type II diabetes.
 D 10668 MW 12:45 2:35 POOL KUBICKI 06/05-08/03 OP 081

PHYSICAL EDUCATION - KINESIOLOGY

KINE 1 INTRO TO KINE & PHYSICAL EDU 3.0 Units
 This is an introductory course that surveys various sub disciplines related to the study of human movement. Students will examine the areas of history, sociology, biomechanics, physiology, and psychology, as they relate to the sport and exercise environment. **May not receive credit if Physical Education 20 has been completed.**
 O 10274 By Arr 6.7 Hrs/Wk ONLINE MILLER 06/12-08/03 OP EN1
KINE 1-EN1 is an online course with no required on-campus meetings. For more information, please go to <http://www.chabotcollege.edu/online>

KINE 4 INTRO TO SPORTS MANAGEMENT 3.0 Units
 Introduction into the field of sports management. Career opportunities, human resource management, leadership, strategic planning, teamwork, ethics and values, marketing and advertising, finance, managing facilities, sports and the law, economics of sport and community impact. **May not receive credit if Physical Education 60 has been completed.**
 D 10323 Lec MTWR 8:00 10:25 2252 BATHOLT 07/05-08/03 OP 051

KINE 7 INTRO TO LIFETIME FITNESS 3.0 Units
 Designed for students to take control of their personal health and cope with the changes that will occur in their physical abilities as they age. Includes skills, techniques and information to help adapt activity through the aging process with emphasis on physical activity appropriate for age group. **May not receive credit if Physical Education 59 has been completed.**
 O 10291 By Arr 6.7 Hrs/Wk ONLINE DROUIN 06/12-08/03 OP EN1
KINE 7-EN1 is an online course with no required on-campus meetings. For important additional information, go to <http://www.chabotcollege.edu/online>

KINE 11 NUTRITION SPORTS & HUMAN PERF 3.0 Units
 An investigation into the role nutrition plays in sports and human achievement. Determination of optimum hydration and nutrient intake in relation to activity. **May not receive credit if Physical Education 58 has been completed.**
 O 10663 By Arr 6.7 Hrs/Wk ONLINE GRACE 06/12-08/03 OP EN1
KINE 11-EN1 is an online course with no required on-campus meetings. For important additional information, go to <http://www.chabotcollege.edu/online>

KINE 12TK INTR TRACK & FIELD OFFICIATING 2.0 Units

This course will introduce the student to the basics of hosting and officiating a track and field competition.

E 10201	Lec TR	5:00 6:05	2611	ROBINSON	06/12-08/03	OP	081
	Lab TR	6:15 9:25	2611			OP	

KINE 15 INTRO TO PERSONAL FIT TRAINING 3.0 Units

Includes the areas of physical activity and health, fitness evaluation, exercise prescription, exercise for special populations, exercise programming and the fundamentals of functional anatomy and exercise physiology as they pertain to personal training. Upon successful completion of the course students will be eligible for the National Certification Board Exam to attain certification in Personal Training through the American Council on Exercise. **May not receive credit if Physical Education 62 has been completed.**

O 10727	By Arr	6.7 Hrs/Wk	ONLINE	GRACE	06/12-08/03	OP	EN1
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KINE 15-EN1 is an online course with no required on-campus meetings. For important additional information, go to <http://www.chabotcollege.edu/online>

KINE 23 TECHNIQUES STRENGTH TRAIN INST 3.0 Units

This course covers how to teach a variety of strength and resistance training activities. It studies strength training sequences, theories on the development of strength, periodization, equipment, safety factors and anatomy and physiology as they apply to strength training and development.

D 10537	Lec TR	10:30 1:35	4001	TAVIS	06/12-08/03	OP	081
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PHYSICAL EDUCATION

PEAC BSK1 INTRODUCTION TO BASKETBALL 0.5 Units

Designed to teach to the basic skills and mechanics needed to successfully play the game of basketball.

D 10539	MW	10:30 12:35	2940	CALCAGNO	06/12-08/03	OP	081
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PEAC BSK2 INTERMEDIATE BASKETBALL 0.5 Units

Designed to teach intermediate skills of basketball. **Prerequisite: PEAC BSK1 (Completed with a grade of "P" or higher).**

D 10540	MW	10:30 12:35	2940	CALCAGNO	06/12-08/03	OP	081
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PEAC BSK3 ADVANCED BASKETBALL 0.5 Units

Designed to teach advanced skills of basketball. **Prerequisite: PEAC BSK2 (Completed with a grade of "P" or higher).**

D 10541	MW	10:30 12:35	2940	CALCAGNO	06/12-08/03	OP	081
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PEAC BSK4 PRE-COMPETITIVE BASKETBALL 0.5 Units

Designed to teach pre-competitive basketball. **Prerequisite: PEAC BSK 3 (Completed with a grade of "P" or higher).**

D 10542	MW	10:30 12:35	2940	CALCAGNO	06/12-08/03	OP	081
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PEAC FTS1 FUTSAL 0.5 Units

Indoor Futsal Soccer is a fast paced form of indoor soccer that places a large emphasis on technical skill and ability in situations of high pressure, and is subsequently an excellent training ground for developing foot skills that can be translated into the 11-a-side format of the game.

D 10639	TR	10:30 12:35	2940	IGWE	06/12-08/03	OP	081
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PEAC FTS2 INTERMEDIATE FUTSAL 0.5 Units

Designed to teach intermediate skills and strategies of futsal in a fun and semi-competitive atmosphere. **Prerequisite: PEAC FTS1 (Completed with a grade of "P" or higher).**

D 10640	TR	10:30 12:45	2940	IGWE	06/12-08/03	OP	081
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PEAC FTS3 ADVANCED FUTSAL 0.5 Units

Designed to teach and develop the advanced skills and strategies needed to play futsal at a highly competitive level. **Prerequisite: PEAC FTS2 (Completed with a grade of "P" or higher).**

D 10641	TR	10:30 12:45	2940	IGWE	06/12-08/03	OP	081
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PEAC FTS4 COMPETITIVE FUTSOL 0.5 Units

Designed for the student who has successfully completed the first three Futsal courses and is ready for competitive play. **Prerequisite: PEAC FTS3 (Completed with a grade of "P" or higher)**

D 10642	TR	10:30 12:45	2940	IGWE	06/12-08/03	OP	081
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PEAC FUN1 BEGIN FUNCTIONAL TR FAT LOSS 0.5 Units

This beginning course will develop strength and fat loss through a functional strength training program. Course is moderate to hard in intensity. Students will learn about training and prevention of metabolic syndrome through diet and exercise. **Strongly Recommended: Personal physician's approval to exercise vigorously.**

D 10204	MW	6:00 7:30	*197	KUBICKI	06/05-08/03	P/N	001
D 10205	TR	6:00 7:30	*197	TAVIS	06/05-08/03	P/N	002
D 10206	MW	7:30 9:00	4051	KUBICKI	06/05-08/03	P/N	003
D 10207	TR	7:30 9:00	4051	VILCHE	06/05-08/03	P/N	004
D 10209	MW	9:00 10:30	4051	FRIEND	06/05-08/03	P/N	005
D 10208	TR	9:00 10:30	4051	VILCHE	06/05-08/03	P/N	006
D 10210	MW	10:30 12:00	4051	KUBICKI	06/05-08/03	P/N	007
D 10211	TR	10:30 12:00	4051	MORRIS	06/05-08/03	P/N	008
D 10212	MW	12:00 1:30	4051	MILLER	06/05-08/03	P/N	009
D 10213	TR	12:00 1:30	4051	MORRIS	06/05-08/03	P/N	010

E 10214	Mon	4:30 8:00	*197	MILLER	06/05-08/03	P/N	071
E 10215	Tue	4:30 8:00	*197	CALCAGNO	06/05-08/03	P/N	072
E 10216	Wed	4:30 8:00	*197	MANOS	06/05-08/03	P/N	073
E 10217	Thur	4:30 8:00	*197	BATHELT	06/05-08/03	P/N	074

*Offsite room *197 meets at ADVANCED CIRCUIT CENTER 25555 HESPERIAN BLVD HAYWARD, CA*

PEAC FUN2 INTERM FUNCTIONAL TR FAT LOSS 0.5 Units

Designed to challenge students who have successfully completed Beginning Functional Training. Course is very hard in intensity. **Prerequisite: PEAC FUN1 (Completed with a grade of "P" or higher).**

D 10218	MW	6:00 7:30	*197	KUBICKI	06/05-08/03	P/N	001
D 10219	TR	6:00 7:30	*197	TAVIS	06/05-08/03	P/N	002
D 10220	MW	7:30 9:00	4051	KUBICKI	06/05-08/03	P/N	003
D 10221	TR	7:30 8:59	4051	VILCHE	06/05-08/03	P/N	004
D 10223	MW	9:00 10:30	4051	FRIEND	06/05-08/03	P/N	005
D 10222	TR	9:00 10:30	4051	VILCHE	06/05-08/03	P/N	006
D 10224	MW	10:30 12:00	4051	KUBICKI	06/05-08/03	P/N	007
D 10225	TR	10:30 12:00	4051	MORRIS	06/05-08/03	P/N	008
D 10226	MW	12:00 1:30	4051	MILLER	06/05-08/03	P/N	009
D 10227	TR	12:00 1:30	4051	MORRIS	06/05-08/03	P/N	010

E 10228	Mon	4:30 8:00	*197	MILLER	06/05-08/03	P/N	071
E 10229	Tue	4:30 8:00	*197	CALCAGNO	06/05-08/03	P/N	072
E 10230	Wed	4:30 8:00	*197	MANOS	06/05-08/03	P/N	073
E 10231	Thur	4:30 8:00	*197	BATHELT	06/05-08/03	P/N	074

*Offsite room *197 meets at ADVANCED CIRCUIT CENTER 25555 HESPERIAN BLVD HAYWARD, CA*

PEAC FUN3 ADV FUNCTIONAL TR FOR FAT LOSS 0.5 Units

Designed to challenge students who have successfully completed Intermediate Functional Training or FUN 2. Course is very hard in intensity. **Prerequisite: PEAC FUN2 (Completed with a grade of "P" or higher).**

D 10325	MW	6:00 7:30	*197	KUBICKI	06/05-08/03	P/N	001
D 10326	TR	6:00 7:30	*197	TAVIS	06/05-08/03	P/N	002
D 10327	MW	7:30 9:00	4051	KUBICKI	06/05-08/03	P/N	003
D 10328	TR	7:30 9:00	4051	VILCHE	06/05-08/03	P/N	004
D 10329	MW	9:00 10:30	4051	FRIEND	06/05-08/03	P/N	005
D 10330	TR	9:00 10:30	4051	VILCHE	06/05-08/03	P/N	006
D 10331	MW	10:30 12:00	4051	KUBICKI	06/05-08/03	P/N	007
D 10332	TR	10:30 12:00	4051	MORRIS	06/05-08/03	P/N	008
D 10333	MW	12:00 1:30	4051	MILLER	06/05-08/03	P/N	009
D 10334	TR	12:00 1:30	4051	MORRIS	06/05-08/03	P/N	010

E 10335	Mon	4:30 8:00	*197	MILLER	06/05-08/03	P/N	071
E 10336	Tue	4:30 8:00	*197	CALCAGNO	06/05-08/03	P/N	072
E 10337	Wed	4:30 8:00	*197	MANOS	06/05-08/03	P/N	073
E 10338	Thur	4:30 8:00	*197	BATHELT	06/05-08/03	P/N	074

*Offsite room *197 meets at ADVANCED CIRCUIT CENTER 25555 HESPERIAN BLVD HAYWARD, CA*

Code: OP = Class taken for letter grade or pass/no pass; P/N = Class taken for pass/no pass only; GR = Class taken for letter grade only • D = Day Class; E = Evening Class; O = Online Class; R = Thursday; S = Saturday

CRN	Type	Day(s)	Times	Room	Instructor	Dates	Code	Sec	CRN	Type	Day(s)	Times	Room	Instructor	Dates	Code	Sec
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PEAC FUN4 FAT LOSS TR FUNCTIONAL TRAININ 0.5 Units

Designed for students who would like to lo lower the percentage of body fat through functional training. **Prerequisite:** PEAC FUN3 (Completed with a grade of "P" or higher).

D 10339	MW	6:00	7:30	*197	KUBICKI	06/05-08/03	P/N	001
D 10340	TR	6:00	7:30	*197	TAVIS	06/05-08/03	P/N	002
D 10341	MW	7:30	9:00	4051	KUBICKI	06/05-08/03	P/N	003
D 10342	TR	7:30	9:00	4051	VILCHE	06/05-08/03	P/N	004
D 10343	MW	9:00	10:30	4051	FRIEND	06/05-08/03	P/N	005
D 10344	TR	9:00	10:30	4051	VILCHE	06/05-08/03	P/N	006
D 10345	MW	10:30	12:00	4051	KUBICKI	06/05-08/03	P/N	007
D 10346	TR	10:30	12:00	4051	MORRIS	06/05-08/03	P/N	008
D 10347	MW	12:00	1:30	4051	MILLER	06/05-08/03	P/N	009
D 10348	TR	12:00	1:30	4051	MORRIS	06/05-08/03	P/N	010
E 10349	Mon	4:30	8:00	*197	MILLER	06/05-08/03	P/N	071
E 10350	Tue	4:30	8:00	*197	CALCAGNO	06/05-08/03	P/N	072
E 10351	Wed	4:30	8:00	*197	MANOS	06/05-08/03	P/N	073
E 10352	Thur	4:30	8:00	*197	BATHELT	06/05-08/03	P/N	074

Offsite room *197 meets at ADVANCED CIRCUIT CENTER 25555 HESPERIAN BLVD HAYWARD, CA

PEAC HTA1 HIPS, THIGHS AND ABS WORKOUT 0.5 Units

This course is designed to reduce, tone and strengthen the abdominal areas and the buttocks and thigh region through exercises. Proper techniques for a variety of exercises for specific muscle groups will be presented.

D 10358	MW	10:30	12:35	2930	ROBINSON	06/12-08/03	OP	081
D 10357	TR	10:30	12:40	2930	VILCHE	06/12-08/03	OP	082
E 10359	MW	6:00	8:05	2930	WILLIAMSON	06/12-08/03	OP	083

PEAC HTA2 INTERM HIPS, THIGHS & ABS 0.5 Units

Strenuous exercises to tone, strengthen and reduce the abdominal, buttocks and thigh regions. **Prerequisite:** PEAC HTA1 (Completed with a grade of "P" or higher).

D 10361	MW	10:30	12:35	2930	ROBINSON	06/12-08/03	OP	081
D 10360	TR	10:30	12:35	2930	VILCHE	06/12-08/03	OP	082
E 10362	MW	6:00	8:05	2930	WILLIAMSON	06/12-08/03	OP	083

PEAC HTA3 ADV HIPS, THIGHS & ABS WORKOUT 0.5 Units

This an advanced course designed to strengthen, reduce and tone the "core" region of the body through various exercises and techniques. The core region includes: hips, thighs and buttocks; abdominals & obliques; and lower back. A variety of strength and flexibility exercises for these specific muscle body groups will be presented. **Prerequisite:** PEAC HTA2 (Completed with a grade of "P" or higher).

D 10355	MW	10:30	12:35	2930	ROBINSON	06/12-08/03	OP	081
D 10354	TR	10:30	12:35	2930	VILCHE	06/12-08/03	OP	082
E 10356	MW	6:00	8:05	2930	WILLIAMSON	06/12-08/03	OP	083

PEAC HTA4 EXTREM HIPSTHIGHTS ABS WORKOUT 0.5 Units

This course is designed to provide an extreme high intensity interval functional workout for the whole body. **Prerequisite:** PEAC HTA3 (Completed with a grade of "P" or higher).

D 10651	MW	10:30	12:35	2930	ROBINSON	06/12-08/03	OP	081
D 10652	TR	10:30	12:35	2930	VILCHE	06/12-08/03	OP	082
E 10653	MW	6:00	8:05	2930	WILLIAMSON	06/12-08/03	OP	083

PEAC JUD1 BEGINNING JUDO 0.5 Units

Designed to teach beginning judo. Basic history, philosophy, techniques and safety aspects of judo will be covered.

E 10285	MW	6:00	8:05	2910	SIROY	06/12-08/03	OP	081
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PEAC JUD2 INTERMEDIATE JUDO 0.5 Units

Students should have completed Beginning Judo or have had previous judo experience. **Prerequisite:** PEAC JUD1 (Completed with a grade of "P" or higher).

E 10286	MW	6:00	8:05	2910	SIROY	06/12-08/03	OP	081
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PEAC JUD3 ADVANCED JUDO 0.5 Units

Advanced judo course. Students should have completed intermediate judo with a passing grade prior to enrolling in this course. **Prerequisite:** PEAC JUD2 (Completed with a grade of "P" or higher).

E 10363	MW	6:00	8:05	2910	SIROY	06/12-08/03	OP	081
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PEAC JUD4 COMPETITION JUDO 0.5 Units

Class designed to help the students learn rules to enter Judo Competition Tournaments **Prerequisite:** PEAC JUD3 (Completed with a grade of "P" or higher).

E 10724	MW	6:00	8:05	2910	SIROY	06/12-08/03	OP	081
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PEAC PIL1 INTRODUCTION TO PILATES 0.5 Units

This course will enable the student to participate in Pilates exercise routines for body and mind fitness. Pilates develops a strong core or center of the body through body awareness, good posture and easy, graceful movement while improving flexibility, agility and economy of motion. Students will learn about training and prevention of metabolic syndrome through diet and exercise in this course.

D 10375	MW	10:30	12:35	2910	ALTENBACH	06/12-08/03	OP	081
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PEAC PIL2 INTERMEDIATE PILATES 0.5 Units

Pilates develops a strong core or center through body awareness, good posture and easy graceful movement while improving flexibility, agility and economy of motion. Intermediate Pilates will build on the basic principles learned in PIL1. Students will learn about eating to support an active lifestyle as well as principles of total wellness. **Prerequisite:** PEAC PIL1 (Completed with a grade of "P" or higher).

D 10376	MW	10:30	12:35	2910	ALTENBACH	06/12-08/03	OP	081
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PEAC PIL3 ADVANCED PILATES 0.5 Units

This course will enable the student to participate in Pilates exercise routines for body and mind fitness. Pilates develops a strong core or center through body awareness, good posture and easy graceful movement while improving flexibility, agility and economy of motion. Advanced Pilates will build on the basic principles learned in PIL2. Students will learn about eating to support an active lifestyle as well as principles of total wellness. **Prerequisite:** PEAC PIL2 (Completed with a grade of "P" or higher).

D 10377	MW	10:30	12:35	2910	ALTENBACH	06/12-08/03	OP	081
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PEAC PIL4 FUNCTIONAL PILATES 0.5 Units

This course will enable the student to participate in Pilates exercise routines for body and mind fitness. Pilates develops a strong core or center through body awareness, good posture and easy, graceful movement while improving flexibility, agility and economy of motion. Functional Pilates will build on the basic principles learned in PIL3. Students will learn about eating to support an active lifestyle as well as principles of total wellness. **Prerequisite:** PEAC PIL3 (Completed with a grade of "P" or higher).

D 10378	MW	10:30	12:35	2910	ALTENBACH	06/12-08/03	OP	081
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PEAC SBB1 SPORT-SPECIFIC TRAIN BASEBALL 1.5 Units

Designed to increase an individual's specific skills in the sport of baseball.

D 10447	US	9:00	2:50	BFLD	FRIEND	06/03-08/06	OP	081
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PEAC SBB2 INTERM SP SPECIFIC TR BASEBALL 1.5 Units

Designed to increase physical conditioning, skill level, and knowledge in the sport of baseball. Individual baseball player to increase their specific physical conditioning, skill/technique level. Students must have experience and a high level of skill to enroll in this course. **Prerequisite:** PEAC SSB1 (Completed with a grade of "P" or higher)

D 10535	US	9:00	2:50	BFLD	FRIEND	06/03-08/06	OP	081
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PEAC SOC1 INTRODUCTION TO SOCCER 0.5 Units

Emphasizes the fundamental skills and strategies of soccer. This course focuses on rules, etiquette, safety, and soccer skills, such as dribbling, passing, shooting and defending. Offensive and defensive positions and basic team strategies are also addressed. No previous soccer experience is necessary.

D 10635	MW	10:30	12:35	FFLD	IGWE	06/12-08/03	OP	081
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PEAC SOC2 INTERMEDIATE SOCCER 0.5 Units

This course is Designed to give the student an understanding and training in the advanced principles of competitive soccer. Training and skill development will be combined in practice and applied in games situations. **Prerequisite:** PEAC SOC1 (Completed with a grade of "P" or higher).

D 10636	MW	10:30	12:35	FFLD	IGWE	06/12-08/03	OP	081
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PEAC SOC3 ADVANCED SOCCER 0.5 Units

This course is designed to give the students an advanced understanding of the more complex principles of the game so they can apply them in the game situation. **Prerequisite:** PEAC SOC2 (Completed with a grade of "P" or higher).

D 10637	MW	10:30	12:35	FFLD	IGWE	06/12-08/03	OP	081
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PEAC SOC4 ADVANCED CLUB LEVEL SOCCER 0.5 Units

Designed for the student who has aspirations to club level soccer in the local recreational leagues. This course will cover all aspects of beginning to intermediate team play at the recreational level. **Prerequisite:** PEAC SOC3 (Completed with a grade of "P" or higher).

D 10638	MW	10:30 12:35	FFLD	IGWE	06/12-08/03	OP	081
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PEAC SWM1 BEGINNING SWIMMING 0.5 Units

Designed to teach proficiency in the basic strokes of swimming. No prior knowledge or skill in swimming is needed to join this course.

D 10238	MW	1:00 3:15	POOL	KUBICKI	06/12-08/03	OP	081
D 10502	TR	1:00 3:10	POOL	KUBICKI	06/12-08/03	OP	082
E 10492	MW	6:00 8:05	POOL	KUBICKI	06/12-08/03	OP	083

PEAC SWM2 INTERMEDIATE SWIMMING 0.5 Units

Designed for students who have completed beginning swimming (SWM1). Intermediate stroke development will be presented in this course. **Prerequisite:** PEAC SWM1 (Completed with a grade of "P" or higher).

D 10239	MW	1:00 3:15	POOL	KUBICKI	06/12-08/03	OP	081
D 10503	TR	1:00 3:10	POOL	KUBICKI	06/12-08/03	OP	082
E 10493	MW	6:00 8:05	POOL	KUBICKI	06/12-08/03	OP	083

PEAC SWM3 ADVANCED SWIMMING 0.5 Units

Designed for those students who would like to learn advanced strokes in swimming. **Prerequisite:** PEAC SWM2 (Completed with a grade of "P" or higher).

D 10379	MW	1:00 3:15	POOL	KUBICKI	06/12-08/03	OP	081
D 10504	TR	1:00 3:10	POOL	KUBICKI	06/12-08/03	OP	082
E 10494	MW	6:00 8:05	POOL	KUBICKI	06/12-08/03	OP	083

PEAC SWM4 HIGH LEVEL SWIMMING 0.5 Units

Designed for students who are interested in acquiring the swimming skills and conditioning necessary to compete at high level. **Prerequisite:** PEAC SWM3 (Completed with a grade of "P" or higher).

D 10380	MW	1:00 3:15	POOL	KUBICKI	06/12-08/03	OP	081
D 10505	TR	1:00 3:10	POOL	KUBICKI	06/12-08/03	OP	082
E 10495	MW	6:00 8:05	POOL	KUBICKI	06/12-08/03	OP	083

PEAC TBB1 TOURNAMENT BASEBALL LEAGUE 1.5 Units

Designed for students to develop sport specific individual, group and team skills while participating in actual Baseball games. An extensive baseball background and previous experience is needed for success in this class. **Prerequisite:** Students need an extensive baseball background and skill set. Students should be a member of a team and/or established and recognized baseball league.

D 10245	US	9:00 2:50	BFLD	FRIEND	06/03-08/06	OP	081
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PEAC TBB2 INTER TOURNMT BASEBALL LEAGUE 1.5 Units

Designed for students to develop sport specific individual, group and team skills while participating in a Baseball games. An extensive baseball background and previous experience is needed for success in this class. **Prerequisite:** PEAC TBB1 (Completed with a grade of "P" or higher) and students need an extensive baseball background and skill set. Students should be a member of a team and/or established and recognized baseball league.

D 10533	US	9:00 2:50	BFLD	FRIEND	06/03-08/06	OP	081
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PEAC TEN1 INTRODUCTION TO TENNIS 0.5 Units

Introduction to the game of tennis. The course will involve basic stroking methods, conditioning techniques, historical background, rules, scoring, as well as, singles and doubles strategies.

E 10240	TR	5:30 7:40	COURT	MORRIS	06/12-08/03	OP	081
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PEAC TEN2 INTERMEDIATE TENNIS 0.5 Units

This course is designed for those students who have completed Tennis 1. The course will involve more techniques on the strokes of tennis, introducing spin as a control technique, footwork patterns, conditioning, historical background, rules, scoring, as well as strategy and court positioning for singles and doubles play. **Prerequisite:** PEAC TEN1 (Completed with a grade of "P" or higher).

E 10241	TR	5:30 7:40	COURT	MORRIS	06/12-08/03	OP	081
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PEAC TEN3 ADVANCED TENNIS 0.5 Units

This course is for tennis players who are at an advanced level of play. The course will involve singles and doubles strategies that utilize high percentage play, footwork and conditioning drills, strategies for courts positioning in both singles and doubles play. **Prerequisite:** PEAC TEN2 (Completed with a grade of "P" or higher).

E 10364	TR	5:30 7:40	COURT	MORRIS	06/12-08/03	OP	081
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PEAC TEN4 TOURNAMENT TENNIS 0.5 Units

This course is designed for those tennis players who are competing in tournaments or league play. The course will cover strategy, court positioning, footwork and conditioning, and tennis strokes technique. **Prerequisite:** PEAC TEN3 (Completed with a grade of "P" or higher)

E 10365	TR	5:30 7:40	COURT	MORRIS	06/12-08/03	OP	081
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PEAC TKD1 TAE-KWON-DO 0.5 Units

Introductory course in the history, philosophy, techniques and safety aspects of tae-kwon-do. This is an ancient Korean martial art where students will learn "the way of fist and foot," as well as increase cardiovascular and muscular fitness.

E 10373	TR	6:00 8:10	2910	DE GUZMAN	06/12-08/03	OP	081
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PEAC TKD2 INTERMEDIATE TAE KWON DO 0.5 Units

Designed to further the develop the beginning student in the ancient art of Tae Kwon Do. Intermediate skills in blocking, kicking, punching and katas will be introduced. This is the second in a series of structured martial art courses in the way of the "fist and foot" **Prerequisite:** PEAC TKD1 (Completed with a grade of "P" or higher).

E 10374	TR	6:00 8:10	2910	DE GUZMAN	06/12-08/03	OP	081
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PEAC TKD3 ADVANCED TAE KWON DO 0.5 Units

Designed to develop the advanced skills, theory and philosophy in the ancient art of Tae Kwon Do. Students will be introduced to advance forms of katas, blocks, kicking and defensive moves. **Prerequisite:** PEAC TKD 2 (Completed with a grade of "P" or higher).

E 10534	TR	6:00 8:10	2910	DE GUZMAN	06/12-08/03	OP	081
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PEAC TKD4 MASTERING TAE KWON DO 0.5 Units

The fourth in a series of courses designed for accomplished Tae Kwon Do students. In this course the student will learn advanced katas and sparing techniques. **Prerequisite:** PEAC TKD3 (Completed with a grade of "C" or higher).

E 10705	TR	6:00 8:10	2910	DE GUZMAN	06/12-08/03	OP	081
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PEAC VOL1 INTRODUCTION TO VOLLEYBALL 0.5 Units

Designed to provide students an opportunity to learn or review and practice those skills which are acceptable under current rules and interpretations in the game of volleyball; to promote an interest in leisure time activity; acquire an appreciation of competitive play as a spectator; and to teach students what acceptable conduct is in a coeducational activity.

E 10292	TR	6:00 9:05	2500	HAVILI	06/19-07/27	OP	061
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PEAC VOL2 VOLLEYBALL 2 0.5 Units

This course is designed to provide students an opportunity to learn or review and practice those skills which are acceptable under current rules and interpretations in the game of volleyball; to promote an interest in leisure time activity; acquire an appreciation of competitive play as a spectator; and to teach students what acceptable conduct is in a coeducational activity. Students will learn about current rules and effective game strategy. **Strongly Recommended:** PEAC VOL1 (Completed with a grade of "P" or higher).

E 10671	TR	6:00 8:50	2500	HAVILI	06/19-07/27	OP	061
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PEAC VOL3 ADVANCED VOLLEYBALL 0.5 Units

This course is designed to teach advanced skills and strategy in recreational volleyball. Students will learn a variety of setting, hitting and blocking drills to enhance their ability. **Prerequisite:** PEAC VOL2 (Completed with a grade of "P" or higher).

E 10672	TR	6:00 8:50	2500	HAVILI	06/19-07/27	OP	061
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PEAC VOL4 COMPETITIVE VOLLEYBALL 0.5 Units

This course is designed to teach team skills and strategies needed to play competitive team volleyball. **Prerequisite:** PEAC VOL3 (Completed with a grade of "P" or higher)

E 10723	TR	6:00 8:50	2500	HAVILI	06/19-07/27	OP	061
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Code: OP = Class taken for letter grade or pass/no pass; P/N = Class taken for pass/no pass only; GR = Class taken for letter grade only • D = Day Class; E = Evening Class; O = Online Class; R = Thursday; S = Saturday

CRN	Type	Day(s)	Times	Room	Instructor	Dates	Code	Sec	CRN	Type	Day(s)	Times	Room	Instructor	Dates	Code	Sec
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PEAC WE1 INTRO TO WEIGHT TRAINING 0.5 Units

Designed to teach the basic elements of weight training and prepare the student's body; i.e., muscles, ligaments, tendons and joints to endure weight training. Emphasis on developing muscle strength balances in the 3 different planes of motion and muscular endurance training. Circuit training will be utilized.

D 10283	MW	8:00 10:05	4001	CALCAGNO	06/12-08/03	OP	081
D 10368	MW	10:30 12:35	4001	FRIEND	06/12-08/03	OP	082

PEAC WE2 INTERMEDIATE WEIGHT TRAINING 0.5 Units

Designed to focus on increasing the muscular hypertrophy of the prime movers. Workout templates will be provided that stimulate and provoke high and positive chemical changes within the muscle system. **Prerequisite: PEAC WE1 (Completed with a grade of "P" or higher).**

D 10284	MW	8:00 10:05	4001	CALCAGNO	06/12-08/03	OP	081
D 10369	MW	10:30 12:35	4001	FRIEND	06/12-08/03	OP	082

PEAC WE3 ADVANCED WEIGHT TRAINING 0.5 Units

Designed to teach the student advanced lifts and training methods in weight training and to develop the highest level of force and to become significantly stronger through the use of muscular strength training stimulus. The student will learn to synchronize their muscles involved in the exercise. **Prerequisite: PEAC WE2 (Completed with a grade of "P" or higher).**

D 10366	MW	8:00 10:05	4001	CALCAGNO	06/12-08/03	OP	081
D 10370	MW	10:30 12:35	4001	FRIEND	06/12-08/03	OP	082

PEAC WE4 WEIGHT TRAIN MUSCULAR POWER 0.5 Units

This is a course designed to increase the muscular power of the student through high velocity training. Emphasis on improving neuromuscular coordination through the utilization of the stretch-reflex principle and higher rates of acceleration through lighter training loads. **Prerequisite: PEAC WE3 (Completed with a grade of "P" or higher).**

D 10367	MW	8:00 10:05	4001	CALCAGNO	06/12-08/03	OP	081
D 10371	MW	10:30 12:35	4001	FRIEND	06/12-08/03	OP	082

PEAC YOG1 INTRODUCTION TO YOGA 0.5 Units

This is course explores the basic principles of Hatha This is course explores the basic principles of Hatha fitness. It incorporates yoga postures (asanas) designed to strengthen and tone the body. Breathing exercises, relaxation and meditation techniques are learned and practiced throughout the course. Students will learn about training and prevention of metabolic syndrome through diet and exercise in this course.

D 10243	MW	1:00 3:05	2930	ALTENBACH	06/12-08/03	OP	081
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PEAC YOG2 INTERMEDIATE YOGA 0.5 Units

Designed for students who have completed beginning Yoga (YOG1) and are ready to progress to more complex moves in hatha yoga. **Prerequisite: PEAC YOG1 (Completed with a grade of "P" or higher).**

D 10244	MW	1:00 3:05	2930	ALTENBACH	06/12-08/03	OP	081
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PEAC YOG3 ADVANCED YOGA 0.5 Units

Designed for students who have completed Yoga 2 and are ready to study more advanced and complicated asanas. **Prerequisite: PEAC YOG2 (Completed with a grade of "P" or higher).**

D 10372	MW	1:00 3:05	2930	ALTENBACH	06/12-08/03	OP	081
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PEAC YOG4 YOGA FOR LIFE 0.5 Units

Designed for the advanced yoga student to learn yoga routines that can be performed throughout life. **Prerequisite: PEAC YOG3 (Completed with a grade of "P" or higher).**

D 10536	MW	1:00 3:05	2930	ALTENBACH	06/12-08/03	OP	081
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PEAC BTC1 BEGINNING BOOT CAMP 0.5 Units

A full body conditioning class that will utilize equipment and facilities available to the general public to create an intense workout. Training in all five of the areas of fitness will be developed. Students will learn about training and prevention of metabolic syndrome through diet and exercise.

D 10706	TR	8:00 10:05	4001	TAVIS	06/12-08/03	OP	081
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PEAC BTC2 INTER BOOT CAMP TRAINING 0.5 Units

This is the second in a series of Boot Camp Training for people who want to lose fat and get fit. **Prerequisite: PEAC BTC1 (Completed with a grade of "P" or higher).**

D 10707	TR	8:00 10:05	4001	TAVIS	06/12-08/03	OP	081
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PHYSICS

PHYS 11 DESCRIPTIVE PHYSICS 4.0Units

Motion, gravitation, heat, light, sound, electricity, magnetism, atoms, and nuclei. Present day scientific problems and developments such as alternative energy sources, solar energy, nuclear power, lasers, relativity and black holes. Designed for non-majors in physical science. Includes an introduction to laboratory principles and techniques with emphasis on the basic concepts discussed in the class. **Strongly recommended: Mathematics 105 or 105L. May not receive credit if Physics 10 or Physics 10L has been completed.**

D 10710	Lec	TWR	9:30 11:35	1810	DAVE	06/12-08/03	GR	081
	Lab	TWR	11:40 1:45	1810			GR	

POLITICAL SCIENCE

POSC 1 INTRO TO AMERICAN GOVERNMENT 3.0 Units

Introduction to the historical development of American political ideals and institutions including the United States Constitutions, civil liberties, civil rights, citizenship duties, political parties, participation and elections. **Strongly recommended: eligibility for English 1A.**

D 10400	Lec	MTWR	8:00 10:05	551	FORTUNA	06/19-07/27	OP	051
D 10099	Lec	MTWR	10:30 12:55	551	FORTUNA	07/05-08/03	OP	062
O 10098	By Arr	9.0 Hrs/Wk	ONLINE	UKUDEEVA	06/19-07/27	OP	EN1	
O 10161	By Arr	9.0 Hrs/Wk	ONLINE	UKUDEEVA	06/19-07/27	OP	EN2	
O 10782	By Arr	9.0 Hrs/Wk	ONLINE	Staff - So	06/19-07-27	OP	EN3	

POSC 1-EN1/EN2/EN3 are online courses with no required on-campus meetings. For important additional information, go to <http://www.chabotcollege.edu/online>

POSC 20 COMPARATIVE GOVERNMENT 3.0 Units

Contemporary forms of government, institutions and political problems of selected national governments. **Strongly recommended: Eligibility for English 1A and Political Science 1.**

O 10550	By Arr	9.0 Hrs/Wk	ONLINE	UKUDEEVA	06/19-07/27	OP	EN1	
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POSC 20-EN1 is an online course with no required on-campus meetings. For important additional information, go to <http://www.chabotcollege.edu/online>

PSYCHOLOGY

PSY 1 GENERAL PSYCHOLOGY 3.0 Units

Introduction students to the scientific study of behavior and mental processes. Provides an overview of major psychological concepts and theories in such areas as consciousness, learning, memory, motivation, perception, personality, stress, and social behavior. **Strongly recommended: English 1A.**

D 10100	Lec	MTWR	8:00 10:05	552	Staff - So	06/19-07/27	GR	061
D 10162	Lec	MTWR	10:30 12:35	552	Staff - So	06/19-07/27	GR	062
D 10385	Lec	MTWR	1:00 3:05	552	Staff - So	06/19-07/27	GR	081

E 10454	Lec	MW	6:30 9:40	553	GRIMM	06/12-08/03	GR	082
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O 10386	By Arr	10.8 Hrs/Wk	ONLINE	PIERSON	05/30-07/03	GR	EN1	
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O 10108	By Arr	9.0 Hrs/Wk	ONLINE	ESTEPA	06/19-07/27	GR	EN2	
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O 10163	By Arr	9.0 Hrs/Wk	ONLINE	NIJJAR	06/19-07/27	GR	EN3	
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O 10275	By Arr	9.0 Hrs/Wk	ONLINE	NIJJAR	06/19-07/27	GR	EN4	
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PSY 1-EN1/EN2/EN3/EN4 are online courses with no required on-campus meetings. For important additional information, go to <http://www.chabotcollege.edu/online>

PSY 12 LIFESPAN PSYCHOLOGY 3.0 Units

Introduction to the psychological, physiological, socio-cultural and socio-historical factors influencing development from conception through death. Emphasis on the process of normal development and its variations. Examination of theoretical models and research for practical application.

D 10387	Lec	MTWR	1:00 2:25	559	DICKINSON	06/12-08/03	GR	081
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E 10276	Lec	MW	6:00 9:10	559	DICKINSON	06/12-08/03	GR	082
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PSYCHOLOGY-COUNSELING

PSCN 10 CAREER AND EDUCATION PLANNING 2.0 Units

Exploration of the concept of career, educational and life planning focusing on personal career development through self-assessment. Emphasis on clarification of individual interests, values, needs, abilities and decision making styles, investigation of occupational opportunities in the world of work, and introduction to job search strategies, resume writing and interview skills. Designed for those undecided or uncertain about their career and educational plans.

- D 10601 Lec TWR 9:30 11:50 *161 OSHIRO 06/20-07/20 OP SLH
Offsite room *161 meets at SAN LEANDRO HIGH SCHOOL 2200 BANCROFT AVE SAN LEANDRO, CA This course is limited to current high school students attending Chabot College feeder high schools
- O 10176 By Arr 7.2 Hrs/Wk ONLINE ALARCON 05/30-07/03 OP EN1
- O 10399 By Arr 7.2 Hrs/Wk ONLINE ASHRAF 07/05-08/03 OP EN2
PSCN 10-EN1/EN2 are online courses with no required on-campus meetings. For important additional information, go to <http://www.chabotcollege.edu/online>

PSCN 13 MULTICULTURAL ISSUES/AMERICA 3.0 Units

Exploration of issues relating to the multicultural community in which we live. Interpersonal relations and communication. Focus on improving individual's understanding of other cultures and how those cultures impact the American lifestyle. Includes exploration of myths and misunderstandings. Discussion of four specific cultures or sub-cultures from the following groups: 1) African-American, 2) Asian-American, 3) Hispanic-American, 4) Native-American, 5) Middle Eastern-American, 6) European-American, 7) Gay/Lesbian American, 8) Disabled American.

- O 10558 By Arr 9.0 Hrs/Wk ONLINE ALARCON 06/19-07/27 OP AN1
PSCN 13-AN1 is an online course with no required on-campus meetings. For important additional information, go to <http://www.chabotcollege.edu/online>

PSCN 20 THE COLLEGE EXPERIENCE 2.0 Units

Academic programs, college policies, student rights and responsibilities, graduation and transfer requirements, student services, campus resources and activities. Designed for first time, returning, and re-entry students to ease transition into college and maximize successful matriculation through college towards academic/vocational goals. May not be taken for credit if General Studies 20 has been completed.

- D 10602 Lec MTW 8:30 11:00 857 REED 07/05-08/03 OP DAR
- D 10673 Lec MTW 1:30 3:45 857 Staff - Co 07/05-08/03 OP RIS

PSCN 21 STRATEGIES FOR COLLEGE SUCCESS 1.0 Units

Introduction to practical strategies for success in college. Topics include college policies, graduation and transfer requirements, and campus resources. **May not receive credit if Psychology-Counseling 20 or General Studies 20 has been completed.**

- D 10515 Lec MTWR 12:30 1:20 855 Staff - Co 06/12-08/03 OP SYS

PSCN 23 COLLEGE READINESS 3.0 Units

An intensive course designed to assist students to identify and develop critical thinking and problem-solving skills that will facilitate their adjustment to the college environment and the successful pursuit of their educational goals. This course provides an introduction to academic skills and strategies, campus resources and activities, decision making and planning, college policies and procedures, interpersonal communications, self-exploration and goal setting, student rights and responsibilities, and campus visitation to at least one 4-year college.

- D 10709 Lec MTWR 10:30 1:05 557 AUGSBURGER 07/05-08/03 P/N EOP
- O 10603 By Arr 10.8 Hrs/Wk ONLINE MANOS 07/05-08/03 P/N EN1
PSCN 23-EN1 is an online course with no required on-campus meetings. For important additional information, go to <http://www.chabotcollege.edu/online>

REAL ESTATE

REST 80 REAL ESTATE PRINCIPLES 3.0 Units

Real and personal property acquisition, ownership, estates in real property, joint tenancies, sales contracts, homesteads, deeds and taxes. Methods of financing, and regulation of the real estate business.

- O 10088 By Arr 6.7 Hrs/Wk ONLINE MUMFORD 06/12-08/03 OP EN1
REST 80-EN1 is an online course with no required on-campus meetings. For important additional information, go to <http://www.chabotcollege.edu/online>

REST 81A LEGAL ASPECTS OF REAL ESTATE 3.0 Units

California law as applied to real estate problems; origin and sources of California real estate law; contracts in general; real estate contracts; law of agency and regulation of agents; classification of property; easements; acquisition and transfer of interests of property; methods and incidents of ownership; land description; recordation. **Strongly recommended: Real Estate 80.**

- O 10444 By Arr 6.7 Hrs/Wk ONLINE MUMFORD 06/12-08/03 OP EN1
REST 81A-EN1 is an online course with no required on-campus meetings. For more information, please go to www.chabotcollege.edu/online/

REST 83 REAL ESTATE FINANCE 3.0 Units

Financing transactions in the real estate business and in lending institutions; analysis of money markets, interest rates and real estate financing. Financing procedures, residential and commercial financing. **Strongly recommended: Real Estate 80.**

- O 10445 By Arr 6.7 Hrs/Wk ONLINE MUMFORD 06/12-08/03 OP EN1
REST 83-EN1 is an online course with no required on-campus meetings. For more information, please go to www.chabotcollege.edu/online/

REST 84 REAL ESTATE PRACTICE 3.0 Units

Principles and practical techniques of operating a real estate business. Emphasis on daily activities of brokers and salesperson; introduction to appraising, exchanges, listings, advertising, financing, and marketing. Exchanges, specialized brokerage, property management, professional and public relations. **Strongly recommended: Real Estate 80.**

- O 10039 By Arr 6.7 Hrs/Wk ONLINE MUMFORD 06/12-08/03 GR EN1
REST 84-EN1 is an online course with no required on-campus meetings. For important additional information, go to <http://www.chabotcollege.edu/online>

RELIGIOUS STUDIES

RELS 50 RELIGIONS OF THE WORLD 3.0 Units

Introduction to the study of religion by (1) surveying the world religions, stating basic principles of each as shown by fundamental scriptures, practices and works of art, highlighting underlying patterns, OR (2) exploring themes and concepts, using the world religions as examples. Themes may include: grace, sin, enlightenment, suffering, salvation.

- O 10260 By Arr 6.7 Hrs/Wk ONLINE DINWIDDIE 06/12-08/03 GR EN1
- O 10557 By Arr 6.7 Hrs/Wk ONLINE DINWIDDIE 06/12-08/03 GR EN2
RELS 50-EN1/EN2 are online courses with no required on-campus meetings. For important additional information, go to <http://www.chabotcollege.edu/online>

SIGN LANGUAGE

SL 64 ASL BEGINNING SIGN LANGUAGE 3.0 Units

Introduction to beginning communication skills through the language of sign, with emphasis on American Sign Language (ASL). Introduction to an understanding of deafness and the deaf culture. Basic sign vocabulary, the manual alphabet, and a contrast with various other sign systems used throughout the United States.

- E 10002 Lec MTWR 6:00 8:25 355 LOPEZ YANEZ 05/30-07/03 GR 051

SL 65 ASL INTERMEDIATE SIGN LANGUAGE 3.0 Units

Further development of skills and knowledge learned in Beginning Sign Language 64, with emphasis on American Sign Language (ASL). Communication of vocabulary building, with emphasis on applying ASL characteristics for communication in phrases and culturally specific language. **Prerequisite: Sign Language 64 (Completed with a grade of C or higher).**

- E 10312 Lec MTWR 6:00 8:25 355 LOPEZ YANEZ 07/05-08/03 GR 051

SOCIOLOGY

SOCI 1 PRINCIPLES OF SOCIOLOGY 3.0 Units

Designed to illuminate the way students see their social world. Uses a sociological perspective: scientific study of human interaction and society, with emphasis on impact of groups on social behavior. Includes the systematic examination of culture, socialization, social organization, social class, race, gender, deviance, social change and empirical methodology. These content areas are woven throughout the fabric of the course, particularly as they affect the lives of at least three of the following groups: African Americans, Latino Americans, Asian Americans, Native Americans, Middle Eastern Americans and/or women.

D 10166	Lec	MTWR	10:30	12:35	558	AHMED	05/30-07/03	OP	A51
D 10388	Lec	MTWR	8:00	10:05	553	ROBINSON	06/19-07/27	OP	A61
D 10052	Lec	MTWR	10:30	12:35	553	ROBINSON	06/19-07/27	OP	A62
D 10389	Lec	MTWR	1:00	3:05	553	ROBINSON	06/19-07/27	OP	A63

E 10165	Lec	MW	6:00	9:10	555	AHMED	06/12-08/03	OP	A81
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O 10120	By Arr	10.8 Hrs/Wk	ONLINE	MENDOZA	05/30-07/03	OP	AN1
O 10179	By Arr	10.8 Hrs/Wk	ONLINE	MENDOZA	05/30-07/03	OP	AN2
O 10453	By Arr	6.7 Hrs/Wk	ONLINE	TONG	06/12-08/03	OP	AN3
O 10783	By Arr	9.0 Hrs/Wk	ONLINE	GRANT	06/19-07/27	OP	AN5
O 10751	By Arr	10.8 Hrs/Wk	ONLINE	GRANT	07/05-08/03	OP	AN4

SOCI 1-AN1/AN2/AN3/AN4/AN5 are online courses with no required on-campus meetings. For important additional information, go to <http://www.chabotcollege.edu/online>

SOCI 2 SOCIAL PROBLEMS 3.0 Units

Introduction to social problems common to modern industrial society, and the role of principal institutions in social organization and social disorganization.

Strongly recommended: Psychology 1 or Anthropology 3.

O 10277	By Arr	10.8 Hrs/Wk	ONLINE	GRANT	07/05-08/03	OP	EN1
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SOCI 2-EN1 is an online course with no required on-campus meetings. For important additional information, go to <http://www.chabotcollege.edu/online>

SOCI 4 MARRIAGE & FAMILY RELATIONS 3.0 Units

Sociological perspective of the family including mate selection, marital roles, marital adjustment, sexual adjustment, reproduction, child rearing, marital dissolution, and problems associated with the family in modern industrial society. Emphasis on methodology of family investigation.

O 10118	By Arr	6.7 Hrs/Wk	ONLINE	TONG	06/12-08/03	OP	ANP
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SOCI 4 - ANP is an online PACE course with no required on-campus meetings. Only PACE students may enroll in this class until 5/30. On 5/31, any student may enroll in remaining open spaces. For more information about the PACE program go to <http://www.chabotcollege.edu/online>

SPANISH

SPA 1A BEGINNING SPANISH 5.0 Units

Introduction to the Spanish-speaking cultures of the world featuring the study and practice of the four language skills (listening, speaking, reading, and writing) of Spanish. Strongly Recommended: Eligibility for English 1A

D 10091	Lec	MTWR	7:45	11:55	359	ZERMENO	05/30-07/03	OP	061
	Lab	MTWR	12:00	12:50	352			OP	

O 10105	By Arr	21.6 Hrs/Wk	ONLINE	MOON	05/30-07/03	OP	EN1
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SPA 1A-EN1 is an intensive 5-week online course with no on campus meetings. Students must have an email account and Internet access by the first day of class, Tuesday, May 30th, to read the announcements and see course assignments. To begin, go to <http://www.chabotcollege.edu/online> and click the course website. Contact the instructor for more information at cmoon@chabotcollege.edu Please note: Due to the format some previous knowledge of Spanish is recommended for this course.

O 10680	By Arr	21.6 Hrs/Wk	ONLINE	MOON	05/30-07/03	OP	EN2
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SPA 1A-EN2 is an intensive 5-week online course with no on campus meetings. Students must have an email account to login by the first day of class, Tuesday, May 30th, to read the announcements and see course assignments. To begin, go to <http://www.chabotcollege.edu/online> and click the course website. Contact the instructor for more information at cmoon@chabotcollege.edu Please note: Due to the format some previous knowledge of Spanish is recommended for this course.

SPA 1B ELEMENTARY SPANISH 5.0 Units

Further study of Spanish-speaking cultures of the world featuring the acquisition of the four language skills (listening, speaking, reading, and writing) of Spanish begun in Spanish 1A. **Prerequisite: Spanish 1A (Completed with a grade of "C" or higher).**

O 10315	By Arr	21.6 Hrs/Wk	ONLINE	MOON	07/05-08/03	OP	EN1
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SPA 1B-EN1 is an intensive 5-week online course with no on campus meetings. Students must have an email account and Internet access by the first day of class, Wednesday, July 5th, to read the announcements and see course assignments. To begin, go to <http://www.chabotcollege.edu/online> and click the course website. Contact the instructor for more information at cmoon@chabotcollege.edu Please note: Due to the format some previous knowledge of Spanish is recommended for this course.

THEATER ARTS

THTR 1 INTRODUCTION TO ACTING 3.0 Units

This course prepares a student to apply basic acting theory to performance and develops the skills of interpretation of drama through acting. Special attention is paid to skills for performance: memorization, stage movement, vocal production, and interpretation of text.

D 10394	Lec	MTWR	10:00	12:05	1328	LE PELL	06/19-07/27	GR	061
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THTR 10 INTRODUCTION TO THEATER ARTS 3.0 Units

Focuses on the relationship of theater to various cultures throughout history, and on the contributions of significant individual artists. Introduces students to elements of the production process including playwriting, acting, directing, design, and criticism. Students will also survey different periods, styles and genres of theater through play reading, discussion, films, and viewing and critiquing live theater, including required attendance at theater productions.

O 10395	By Arr	10.8 Hrs/Wk	ONLINE	HASSAN	05/30-07/03	GR	EN1
O 10393	By Arr	10.8 Hrs/Wk	ONLINE	HASSAN	07/05-08/03	GR	EN2

THTR 10-EN1/EN2 are online courses with no required on-campus meetings. For more information, please go to www.chabotcollege.edu/online/

THTR 12 FILM AS ART & COMMUNICATION 4.0 Units

Introduction to film as art and communication. Analysis of films from various genres, with an emphasis on both technical aspects of filmmaking and story-telling.

D 10122	Lec	TWR	12:30	4:20	854	LE PELL	06/19-07/27	OP	061
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WELDING TECHNOLOGY

WELD 70 INTRODUCTION TO WELDING 2.0 Units

Welding industry fundamentals including introduction to SMAW, GMAW, GTAW, FCAW processes, oxyacetylene and braze welding, plasma and fuel gas cutting, general shop equipment usage, welding electricity fundamentals, shop safety, identification of welding consumables, hazardous materials regulation, introduction to blueprint reading as applied in manufacturing industry.

D 10113	Lec	TR	3:30	4:50	1564	RAVEICA	05/30-07/03	OP	051
	Lab	TR	5:00	8:05	1416			OP	
	Lab	Wed	3:30	7:05	1416			OP	

ACCOUNTING* (See course listing under Business)

ADMINISTRATION OF JUSTICE

ADMJ 45 LAW AND DEMOCRACY CAPSTONE 3.0 Units

(See also POSC 45) The Law and Democracy course is an Interdisciplinary exploration of themes such as equality, citizenship, participation, access, and social justice. We will look critically at how law structures as well as limits democracy and examine the idea of democracy as a universal value.

Strongly Recommended: English 1A (completed with a grade of "C" or higher).

Prerequisite: Political Science 1 or Administration of Justice 50 (completed with a grade of "C" or higher). *May not receive credit if Political Science 45 has been completed.*

D 21223 Lec MW 12:00 1:15 557 HANSON 08/16-12/19 OP 001

ADMJ 50 INTRO TO ADMIN OF JUSTICE 3.0 Units

This is an introductory course that examines the characteristics of the criminal justice system in the United States. The course covers the history, theory, and philosophy of administration of justice and the evolution of the principles, operational practices, and structure of the police, courts, and corrections agencies. Particular emphasis is placed on crime measurement, theoretical explanations of crime, and the challenges and opportunities for law enforcement in an increasingly diverse society. Students are introduced to the origins and development of criminal law, legal processes, and sentencing and incarceration policies.

D 20062 Lec TR 1:00 2:15 859 Staff - So 08/16-12/19 OP 001

D 20061 Lec TR 10:30 11:45 552 Staff - So 08/16-12/19 OP 002

D 20063 Lec MW 10:30 11:45 555 MACKKEY 08/16-12/19 OP FY5

This section is dedicated to our First Year Experience students. For pathway registration course numbers or information on the program, please visit us at www.chabotcollege.edu/FYE

E 20064 Lec Tue 6:00 8:50 502 Staff - So 08/16-12/19 OP 071

E 21949 Lec Thu 6:00 8:50 554 Staff - So 08/16-12/19 OP 072

O 22651 By Arr 3.6 Hrs/Wk ONLINE Staff - So 08/29-12/05 OP EN1

ADMJ 50-EN1 is an online course with no required on-campus meetings. For important additional information, go to <http://www.chabotcollege.edu/online>

ADMJ 54 INVESTIGATIVE REPORTING 3.0 Units

Investigative reports with emphasis upon accuracy and necessary details. Includes arrest reports, incident reports and miscellaneous field reports. Techniques and methods used to cover information; how to analyze and present information in a clear and concise report.

E 20618 Lec Tue 7:00 9:50 555 Staff - So 08/16-12/19 GR 071

ADMJ 55 INTRO TO CORRECTIONAL SCIENCE 3.0 Units

This course provides a critical analysis of punishment and the modern correctional process as utilized in the rehabilitation of adult and juvenile offenders. Exploration of the various types of punishment, alternatives to punishment, types of correctional institutions, and the impact of punishment on the criminal justice system. **Prerequisite:** ADMJ 40.

D 21161 Lec TR 3:00 4:15 554 Staff - So 08/16-12/19 OP 001

ADMJ 60 CRIMINAL LAW 3.0 Units

This course offers an analysis of the doctrine of criminal liability in the United States and the classification of crimes against persons, property, morals, and public welfare. Special emphasis is placed on the classification of crime, the general elements of particular crimes, and defenses to crime. This course utilizes case law and case studies to introduce students to criminal law and will include some limited discussion of prosecution and defense decision making, criminal culpability, and defenses to crime.

D 20087 Lec TR 1:30 2:45 504 MACKKEY 08/16-12/19 GR 001

E 20910 Lec Wed 6:00 8:50 555 Staff - So 08/16-12/19 GR 071

O 23004 By Arr 3.0 Hrs/Wk ONLINE MACKKEY 08/29-12/05 GR EN1

ADMJ 60-ON1 is an online course with no required on-campus meetings. For more important additional information, go to <http://www.chabotcollege.edu/online>

ADMJ 61 EVIDENCE 3.0 Units

This course examines the origins, development, philosophy and the constitutional basis for the rules of evidence. During the course of the semester, we will explore the rules and policies governing the kinds of information which can be received at trial, how evidence can be properly developed and obtained by law enforcement officers, and how evidence may be considered by the judge and/or jury. Topics are considered from both a theoretical and a practical viewpoint.

Strongly Recommended: ADMJ 50, ADMJ 60.

D 20418 Lec TR 10:30 11:45 555 MACKKEY 08/16-12/19 GR 001

ADMJ 63 CRIMINAL INVESTIGATION 3.0 Units

This course addresses the techniques, procedures, and ethical issues in the investigation of crime, including organization of the investigative process, crime scene searches, interviewing and interrogating, surveillance, source of information, utility of evidence, scientific analysis of evidence and the role of the investigator in the trial process. **Strongly Recommended:** ADMJ 50 and ADMJ 60.

D 20419 Lec MW 9:00 10:15 553 JOHNSON 08/16-12/19 GR 001

ADMJ 70 COMMUNITY RELATIONS 3.0 Units

This course examines the complex, dynamic relationship between communities and the justice system in addressing crime and conflict with an emphasis on the challenges and prospects of administering justice within a diverse multicultural population. Topics covered may include crime prevention, restorative justice, conflict resolution, and ethics. **Strongly Recommended:** ADMJ 50.

E 21279 Lec Wed 7:00 9:50 505 Staff - So 08/16-12/19 GR 071

ADMJ 74 GANGS AND DRUGS 2.0 Units

Definition of a gang and gang activity. Historical and cultural aspects. Interrelationships among local, national and international gangs including prison gangs. Gang activity in relation to drug trafficking.

D 20465 Lec MW 1:30 2:45 555 Staff - So 08/16-12/19 OP 001

ADMJ 79 HOMICIDE INVESTIGATION 3.0 Units

Process of analysis of all aspects of the death case in order to arrive at the true cause and manner of death, whether it be murder, suicide, accidental, or natural. Emphasis on importance to investigation of the death scene.

E 21948 Lec Thu 7:00 9:50 552 Staff - So 08/16-12/19 GR 071

ADMJ 89 FAMILY VIOLENCE 3.0 Units

Origins of violence in the family including child abuse from the administration of justice perspective. Specific types of violent interactions and abuse among family members and responsible adults. Emphasis on techniques for use by peace officers and other social service professionals to intervene effectively.

E 20837 Lec Mon 6:00 8:50 506 Staff - So 08/16-12/19 GR 071

ANTHROPOLOGY

ANTH 1 BIOLOGICAL/PHYSICAL ANTHRO 3.0 Units

Humans as a biological species through an examination of fossil evidence for human evolution, behavior of nonhuman primates, and human evolutionary biology and genetics. Emphasis on uniquely human biological and behavioral characteristics, as well as those shared with other animals. Current anthropological issues such as the biological meaning of race, genetic diseases, and the influence of evolution on human behavior. **Strongly Recommended:** Eligibility for ENGL 1A.

D 20088 Lec MW 9:00 10:15 503 Staff - So 08/16-12/19 OP 001

D 20911 Lec MW 10:30 11:45 503 ESPINOZA 08/16-12/19 OP 002

D 20813 Lec MW 12:00 1:15 503 CASQUEIRO 08/16-12/19 OP 003

D 20349 Lec TR 9:00 10:15 503 GRAVELY 08/16-12/19 OP 004

D 20770 Lec TR 10:30 11:45 503 GRAVELY 08/16-12/19 OP 005

D 21647 Lec TR 12:00 1:15 505 GRAVELY 08/16-12/19 OP 006

D 22385 Lec TR 1:30 2:45 558 ESPINOZA 08/16-12/19 OP 007

D 20420 By Arr 3.0 Hrs/Wk HYBRID Staff - So 08/16-12/19 OP H01

ANTH 1-H01 is a hybrid course with 4 required on-campus meetings on Wednesday, 8/16, 9/20, 10/25, and 12/6, 3:00pm- 5:50pm in room 502. Enrolled students must attend the first on-campus meeting. For additional important information, go to <http://www.chabotcollege.edu/online>

E 20282 Lec Mon 6:15 9:05 503 GIOVANOLA 08/16-12/19 OP 0P1

This is a PACE Course. Only PACE students may enroll in this class until 7/5. From 7/6, any student may enroll in remaining open spaces. For more information on the PACE Program, <http://www.chabotcollege.edu/PACE>

ANTH 1L BIOLOGICAL/PHYSICAL ANTHRO LAB 1.0 Units

Laboratory exercises developed as an adjunct to Anthropology 1 (Introduction to Biological/Physical Anthropology) including the identification of fossils through examination of fossil casts, the study of human artifacts, observation of primate behavior and structure, and problem-solving in case studies of human genetics. **Prerequisite: Anthropology 1 (may be taken concurrently). Strongly Recommended: Eligibility for ENGL 1A.**

D 21461	Lab	Tue	1:30 4:20	503	CASQUEIRO	08/16-12/19	OP	001
D 20476	Lab	Wed	3:00 5:50	503	CASQUEIRO	08/16-12/19	OP	002
D 20259	Lab	Thu	3:00 5:50	503	GIOVANOLA	08/16-12/19	OP	003
E 20350	Lab	Wed	6:30 9:20	503	GIOVANOLA	08/16-12/19	OP	071

ANTH 3 SOCIAL/CULTURAL ANTHROPOLOGY 3.0 Units

How human beings in different cultures meet basic biological, social and cultural needs, including kinship and marriage practices, political and social organization, economic institutions, religious and childrearing practices, social change, as well as other aspects of cultural behavior. Emphasis on understanding other cultures on their own terms. Includes the many subcultures making up North American populations. **Strongly Recommended: Eligibility for ENGL 1A.**

D 20565	Lec	MW	12:00 1:15	405	ESPINOZA	08/16-12/19	OP	001
D 20566	Lec	TR	10:30 11:45	557	ESPINOZA	08/16-12/19	OP	002
O 22544	By Arr	3.0 Hrs/Wk	ONLINE	OLSON	08/16-12/19	GR	ON1	

ANTH 3-ON1 is an online course with no required on-campus meetings. For important additional information, go to <http://www.chabotcollege.edu/online>

ANTH 12 MAGIC/RELIGION/WITCHCRAFT/HEAL 3.0 Units

Cross-cultural perspectives on spirituality, religious practice, myth, ancestor beliefs, witchcraft and the variety of religious rituals and practitioners found in the cultures of the world. Examination of the cosmologies of different cultures through the anthropological perspective. Emphasis is placed on how knowledge of the religious practices and beliefs of others can help us to understand the multicultural world in which we live. Comparison of the ways in which diverse cultures confront the large and fundamental questions of existence: those dealing with the meaning of life, birth and death, and with the relationship of humans to each other and to their universe. **Strongly Recommended: Eligibility for ENGL 1A.**

D 20789	Lec	MW	1:30 3:00	558	ESPINOZA	08/30-12/19	OP	E01
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ANTH 13 INTRO TO FORENSIC ANTHROPOLOGY 3.0 Units

An introductory course in the application of physical anthropology to the medico-legal process with an emphasis on the identification of human skeletal remains. Includes the basic human osteology and odontology, assessment of age at time of death, sex, ancestry, trauma analysis, pathology, and general physical characteristics including height and weight based upon minimal skeletal remains. Estimation of time since death, crime scene analysis, animal scavenging, and identification procedures. **Strongly Recommended: Eligibility for ENGL 1A.**

D 21220	Lec	MW	1:30 2:45	503	GIOVANOLA	08/16-12/19	OP	001
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ARCHITECTURE

ARCH 2A ARCH GRAPHICS IN DRAW/SKETCHIN 3.0 Units

Introduction to freehand and mechanically constructed drawings employing orthographic, axonometric and linear perspective drawing systems to represent three-dimensional form and environments on two-dimensional surfaces. Emphasis on the understanding of basic drawing conventions, their implications and applications.

D 20288	Lec	TR	1:00 1:50	901	CHU	08/16-12/19	GR	001
		TR	2:00 3:50	901				GR

ARCH 2B ARCH GRAPHICS IN COLOR RENDERI 3.0 Units

Continuation of the content and issues introduced in Architecture 2A plus the theories and methods for applying shadows, reflections, materials, entourage, and color in a variety of drawing types. Layout and integration of composite drawings in support of the process and presentation of architectural designs.

Prerequisite: Architecture 2A (completed with a grade of "C" or higher).

D 20602	Lec	TR	1:00 1:50	901	CHU	08/16-12/19	GR	001
		TR	2:00 3:50	901				GR

ARCH 4A ARCH DRAFTING PRINCIPLES I 3.0 Units

Introduction to principles and practice of architectural drafting with emphasis on working drawings for wood frame construction; introduction to drafting concepts and conventions for architectural working drawings, basic building systems, and architectural applications of computer-aided drafting technology. **Prerequisite: Architecture 68 (completed with a grade of C or higher) or equivalent.**

D 20965	Lec	TR	9:00 9:50	905	HUANG	08/16-12/19	OP	001
		TR	10:00 11:50	905				OP

ARCH 4B ARCH DRAFTING PRINCIPLES II 3.0 Units

Continuation of Architecture 4A with emphasis on architectural working drawings of non-residential buildings with wood, masonry, steel and concrete structures. Application of advanced computer-aided drafting techniques for architectural construction documents will be reviewed, as will the use of electronic/web-based information sources, including Architectural Graphic Standards, Sweets Catalogs, and the Uniform Building Code. **Prerequisite: Architecture 4A (completed with a grade of "C" or higher).**

D 22739	Lec	TR	9:00 9:50	905	HUANG	08/16-12/19	OP	001
		TR	10:00 11:50	905				OP

ARCH 8A FUNDAMENTALS OF ARCH DESIGN I 4.0 Units

Introduction to the theories, principles, and methods of architectural design using traditional and digital media. Studio projects emphasize composing two- and three-dimensional organizations to convey intended concepts and meanings. Aesthetic, environmental, social, and technological factors which inform architectural design are investigated. Course work is supplemented with lectures, discussions, and readings. **Prerequisite: Architecture 2B (completed with a grade of "C" or higher).**

D 20287	Lec	MW	12:00 1:15	901	HUANG	08/16-12/19	GR	001
		MW	1:30 2:45	901				GR

ARCH 12 CONSTRUCTION MATERIALS &METHOD 3.0 Units

Introduction to the methods and materials used in contemporary and historical building construction. Wood, steel, masonry, and concrete structural systems will be explored, as will major interior and exterior finish systems. The relationships between occupancy and construction types will be reviewed as will the influence of building codes, climate, labor supply, and economic factors.

O 22288	By Arr	6.0 Hrs/Wk	ONLINE	HUANG	08/16-12/19	GR	ON1	
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ARCH 12-ON1 is an online course with no required on-campus meetings. For important additional information, go to <http://www.chabotcollege.edu/online>

ARCH 14 CALIF ARCHITECT & URBAN DESIGN 3.0 Units

California architecture and urban design from indigenous beginnings to the contemporary avant garde. Historic, cultural, and environmental influences on the shaping of California's distinctive buildings and cities. Works reviewed range from anonymous adobes to historic masterpieces by Maybeck and Morgan to new works by Gehry, Moss, and others.

D 20473	Lec	Fri	9:00 11:50	805	KENSINGER	08/16-12/19	GR	001
S 21432	Lec	Sat	8:30 12:40	805	KENSINGER	09/16-12/09	GR	EP1

This is a PACE Course. Only PACE students may enroll in this class until 7/5. From 7/6, any student may enroll in remaining open spaces. For information on the PACE Program, go <http://www.chabotcollege.edu/PACE>

ARCHITECTURE

THE CHABOT COLLEGE ARCHITECTURE PROGRAM IS A WELL-ESTABLISHED TRANSFER PROGRAM THAT PREPARES STUDENTS TO TRANSFER INTO ARCHITECTURE PROGRAMS AT 4-YEAR UNIVERSITIES. STUDENTS MAY COMPLETE THE PROGRAM BY EARNING AN ASSOCIATE OF ARTS (AA) OR AN ASSOCIATE OF SCIENCE (AS) DEGREE IN ARCHITECTURE OR TRANSFER WITHOUT A DEGREE.



ARCH 16 LANDSCAPE ARCHITECTURE 2.0 Units

Principles of landscape architecture emphasizing design concepts as they relate to site, building, and client requirements. Includes site analysis, land use patterns, circulation, layout, planting materials, irrigation, and the general design process.

D 22587	Lec	Tue	10:00 10:50	901	CHU	08/16-12/19	GR	001
	Lab	Tue	11:00 11:50	901			GR	
	Lab	Thu	10:00 11:50	901			GR	

ARCH 68 DIG TOOLS FOR DSGN & VIS COMM 4.0 Units

Introduction to digital tools with computer-aided design drafting. Ability to effectively use basic design principles in two dimensions. Topics include command basics including drawing entity creation and modification, industry layering standards, text and dimensioning systems appropriate to architecture, creating symbol libraries, external reference techniques, model and paper space commands, and plotting techniques. **May not receive credit if Interior Design 68 has been completed.**

D 20286	Lec	MW	9:00 10:15	905	HUANG	08/16-12/19	GR	001
		MW	10:30 11:45	905			GR	

ARCH 80 ARCHITECTURAL PRACTICE 2.0 Units

Architectural practice in Architecture department setting approved by Architecture faculty as related to student's architecture major or classes at Chabot. Cooperative effort between student and instructor or architecture firm supervisor to accomplish agreed upon work objectives, complete projects and broaden experiences. Student provides verification of service experience or work on projects during the term. Students will get an architecture firm approved by architecture faculty or work on projects closely with instructor. Students will meet with architecture instructor for input and hands-on experience lectures and discussion focused on architecture firm structures, project procedures, design developments, specification book and construction documents. **Strongly Recommended: ARCH 4A and ARCH 33 (completed with a grade of "C" or higher).**

O 21965	By Arr	5.0 Hrs/Wk	ONLINE	HUANG	08/16-12/19	GR	ON1	
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ARCH 80-ON1 is an online course with no required on-campus meetings. For important additional information, go to <http://www.chabotcollege.edu/online>

ART

ART 2A INTRODUCTION TO DRAWING 3.0 Units

This course provides direct experience in exploring basic drawing concepts, including the expressive use of contour, value, perspective and composition while using a variety of media.

D 22740	Lec	MW	9:00 9:50	1008	STIPE	08/16-12/19	GR	001
		MW	10:00 11:50	1008			GR	
D 20001	Lec	MW	12:00 12:50	1008	GOLOJUCH	08/16-12/19	GR	002
		MW	1:00 2:50	1008			GR	
D 20182	Lec	TR	9:00 9:50	1008	Staff - Fi	08/16-12/19	GR	003
		TR	10:00 11:50	1008			GR	
D 22588	Lec	TR	1:00 1:50	1008	Staff - Fi	08/16-12/19	GR	004
		TR	2:00 3:50	1008			GR	
D 22893	Lec	Fri	8:00 9:50	1008	Staff - Fi	08/16-12/19	GR	005
		Fri	10:00 1:50	1008			GR	
E 22743	Lec	MW	6:00 6:50	1008	Staff - Fi	08/16-12/19	GR	071
		MW	7:00 8:50	1008			GR	

ART 2B DRAWING AND COMPOSITION 3.0 Units

Development of knowledge and skills introduced in Art 2A, emphasizing media and composition and realism drawing at an intermediate level. Introducing the use of color. **Prerequisite: Art 2A (completed with a grade of "C" or higher).**

D 22741	Lec	MW	9:00 9:50	1008	STIPE	08/16-12/19	GR	001
		MW	10:00 11:50	1008			GR	
D 21116	Lec	MW	12:00 12:50	1008	GOLOJUCH	08/16-12/19	GR	002
		MW	1:00 2:50	1008			GR	
D 21114	Lec	TR	9:00 9:50	1008	Staff - Fi	08/16-12/19	GR	003
		TR	10:00 11:50	1008			GR	
D 22589	Lec	TR	1:00 1:50	1008	Staff - Fi	08/16-12/19	GR	004
		TR	2:00 3:50	1008			GR	
D 22894	Lec	Fri	8:00 9:50	1008	Staff - Fi	08/16-12/19	GR	005
		Fri	10:00 1:50	1008			GR	
E 22744	Lec	MW	6:00 6:50	1008	Staff - Fi	08/16-12/19	GR	071
		MW	7:00 8:50	1008			GR	

ART 2C INDIV PROJ ACAD REALISM DRAW 3.0 Units

Individual project development for advanced drawers to create a related body of drawings in the style of academic realism. Concept definition and development to be determined by the student and approved by the instructor. **Prerequisite: Art 2B (completed with a grade of "C" or higher).**

D 22742	Lec	MW	9:00 9:50	1008	STIPE	08/16-12/19	GR	001
		MW	10:00 11:50	1008			GR	
D 21117	Lec	MW	12:00 12:50	1008	GOLOJUCH	08/16-12/19	GR	002
		MW	1:00 2:50	1008			GR	
D 21115	Lec	TR	9:00 9:50	1008	Staff - Fi	08/16-12/19	GR	003
		TR	10:00 11:50	1008			GR	
D 22590	Lec	TR	1:00 1:50	1008	Staff - Fi	08/16-12/19	GR	004
		TR	2:00 3:50	1008			GR	
D 22895	Lec	Fri	8:00 9:50	1008	Staff - Fi	08/16-12/19	GR	005
		Fri	10:00 1:50	1008			GR	
E 22745	Lec	MW	6:00 6:50	1008	Staff - Fi	08/16-12/19	GR	071
		MW	7:00 8:50	1008			GR	

ART 3A FIGURE AND COMPOSITION I 3.0 Units

Fundamental skills, techniques and knowledge of art related to drawing of the human form using graphite, charcoal, ink, and conte crayon. Compare figurative compositions using the human form through design, master paintings, verbal and written descriptions, and critiques. Awareness of the creative process as it applies to anatomical analysis by class drawings, anatomy assignments, and figurative compositions which requires the student to explore drawing techniques, compose, and evaluate drawings. Open to any student, no drawing experience required.

D 23013	Lec	MW	9:00 9:50	1006	MENDENHALL	08/16-12/19	OP	001
		MW	10:00 11:50	1006			OP	
D 20002	Lec	MW	12:00 12:50	1006	STIPE	08/16-12/19	OP	002
		MW	1:00 2:50	1006			OP	

ART 3B FIGURE AND COMPOSITION II 3.0 Units

Continued development of knowledge and skills introduced in Art 3A. Emphasis on composition and color and different figurative design elements during the drawing of the human form. **Strongly recommended: Art 3A (completed with a grade of "C" or higher).**

D 23014	Lec	MW	9:00 9:50	1006	MENDENHALL	08/16-12/19	OP	001
		MW	10:00 11:50	1006			OP	
D 20691	Lec	MW	12:00 12:50	1006	STIPE	08/16-12/19	OP	002
		MW	1:00 2:50	1006			OP	

ART 3C FIGURE AND COMPOSITION III 3.0 Units

Continued development of knowledge and skills further developed in Art 3B. Emphasis on composition and color and different figurative design elements during the drawing of the human form. Drawing elements stress emotions and expressions. **Strongly recommended: Art 3B (completed with a grade of "C" or higher).**

D 23015	Lec	MW	9:00 9:50	1006	MENDENHALL	08/16-12/19	OP	001
		MW	10:00 11:50	1006			OP	
D 20692	Lec	MW	12:00 12:50	1006	STIPE	08/16-12/19	OP	002
		MW	1:00 2:50	1006			OP	

ART 3D FIGURE AND COMPOSITION IV 3.0 Units

Continued development of knowledge and skills further developed in Art 3C. Emphasis on composition and color and different figurative design elements during the drawing of the human form. Drawing elements stressing individual philosophies and expressions. **Strongly recommended: Art 3C (completed with a grade of "C" or higher).**

D 23016	Lec	MW	9:00 9:50	1006	MENDENHALL	08/16-12/19	OP	001
		MW	10:00 11:50	1006			OP	
D 20693	Lec	MW	12:00 12:50	1006	STIPE	08/16-12/19	OP	002
		MW	1:00 2:50	1006			OP	

ART 7A INTRO TO WATERCOLOR PAINTING 3.0 Units

Students will learn materials, methods, techniques and watch demonstrations of transparent watercolor painting, including its effects and possibilities. Students will work with the instructor to maximize watercolor painting skills during class and at home. **Strongly recommended: Art 2A.**

D 20194	Lec	TR	9:00 9:50	1006	KOMISAR	08/16-12/19	OP	001
		TR	10:00 11:50	1006			OP	

CRN	Type	Day(s)	Times	Room	Instructor	Dates	Code	Sec	CRN	Type	Day(s)	Times	Room	Instructor	Dates	Code	Sec
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ART 7B INTER WATERCOLOR PAINTING 3.0 Units

Continued development of knowledge and techniques introduced in 7A. Emphasis on various intermediate watercolor techniques that produce different types of watercolor paintings. **Strongly recommended: Art 7A.**

D 20195	Lec	TR	9:00 9:50	1006	KOMISAR	08/16-12/19	OP	001
		TR	10:00 11:50	1006			OP	

ART 7C ADV WATERCOLOR PAINTING I 3.0 Units

Builds upon the skills and techniques introduced in 7B so that student can solve composition problems as well as begin to utilize personal expressions. Emphasizes composition, concept, and visualization skills. **Strongly recommended: Art 7B.**

D 20196	Lec	TR	9:00 9:50	1006	KOMISAR	08/16-12/19	OP	001
		TR	10:00 11:50	1006			OP	

ART 7D ADV WATERCOLOR PAINTING II 3.0 Units

Continued development of skills and techniques introduced in Art 7C, directed towards individual needs, developing personalized imagery and beginning to settle on individual techniques. **Strongly recommended: Art 7C.**

D 20197	Lec	TR	9:00 9:50	1006	KOMISAR	08/16-12/19	OP	001
		TR	10:00 11:50	1006			OP	

ART 12A BEGINNING OIL PAINTING 3.0 Units

Beginning projects in oil painting with an emphasis on fundamental painting techniques and approaches.

D 21952	Lec	TR	1:00 1:50	1006	STIPE	08/16-12/19	OP	001
		TR	2:00 3:50	1006			OP	
E 22476	Lec	MW	6:00 6:50	1006	WAGNER	08/16-12/19	OP	071
		MW	7:00 8:50	1006			OP	

ART 12B INTERMEDIATE OIL PAINTING 3.0 Units

Projects in oil painting with an emphasis on fundamental painting techniques and approaches. **Prerequisite: Art 12A.**

D 21953	Lec	TR	1:00 1:50	1006	STIPE	08/16-12/19	OP	001
		TR	2:00 3:50	1006			OP	
E 22477	Lec	MW	6:00 6:50	1006	WAGNER	08/16-12/19	OP	071
		MW	7:00 8:50	1006			OP	

ART 12C ADVANCED OIL PAINTING I 3.0 Units

Continued development of advanced projects in oil painting with emphasis on individual creative work and development of personal ideas and style.

Prerequisite: Art 12B.

D 21954	Lec	TR	1:00 1:50	1006	STIPE	08/16-12/19	OP	001
		TR	2:00 3:50	1006			OP	
E 22478	Lec	MW	6:00 6:50	1006	WAGNER	08/16-12/19	OP	071
		MW	7:00 8:50	1006			OP	

ART 12D ADVANCED OIL PAINTING II 3.0 Units

Advanced projects in oil or acrylic painting with emphasis on individual creative work and development of personal ideas and style. **Prerequisite: Art 12C.**

D 21955	Lec	TR	1:00 1:50	1006	STIPE	08/16-12/19	OP	001
		TR	2:00 3:50	1006			OP	
E 22479	Lec	MW	6:00 6:50	1006	WAGNER	08/16-12/19	OP	071
		MW	7:00 8:50	1006			OP	

ART 13A ACRYLIC PAINTING-BEGINNING I 3.0 Units

Projects in acrylic painting with an emphasis on fundamental painting techniques and approaches. **Strongly recommended: Art 2A or equivalent.**

D 21956	Lec	TR	1:00 1:50	1006	STIPE	08/16-12/19	OP	001
		TR	2:00 3:50	1006			OP	
E 22480	Lec	MW	6:00 6:50	1006	WAGNER	08/16-12/19	OP	071
		MW	7:00 8:50	1006			OP	

ART 13B ACRYLIC PAINTING-BEGINNING II 3.0 Units

Projects in acrylic painting with an emphasis on fundamental painting techniques and approaches. **Prerequisite: Art 13A or equivalent (completed with a grade of "C" or higher).**

D 21957	Lec	TR	1:00 1:50	1006	STIPE	08/16-12/19	OP	001
		TR	2:00 3:50	1006			OP	
E 22481	Lec	MW	6:00 6:50	1006	WAGNER	08/16-12/19	OP	071
		MW	7:00 8:50	1006			OP	

ART 13C ACRYLIC PAINTING-ADVANCED I 3.0 Units

Advanced projects in acrylic painting with emphasis on individual creative work and development of personal ideas and style. **Prerequisite: Art 13B or equivalent (completed with a grade of "C" or higher).**

D 21958	Lec	TR	1:00 1:50	1006	STIPE	08/16-12/19	OP	001
		TR	2:00 3:50	1006			OP	
E 22482	Lec	MW	6:00 6:50	1006	WAGNER	08/16-12/19	OP	071
		MW	7:00 8:50	1006			OP	

ART 13D ACRYLIC PAINTING-ADVANCED II 3.0 Units

Advanced projects in acrylic painting with emphasis on individual creative work and development of personal ideas and style. **Prerequisite: Art 13C or equivalent (completed with a grade of "C" or higher).**

D 21959	Lec	TR	1:00 1:50	1006	STIPE	08/16-12/19	OP	001
		TR	2:00 3:50	1006			OP	
E 22483	Lec	MW	6:00 6:50	1006	WAGNER	08/16-12/19	OP	071
		MW	7:00 8:50	1006			OP	

ART 16A INTRODUCTION TO CERAMICS I 3.0 Units

Instruction in the fundamental techniques of wheel-thrown and hand-constructed clay forms. Survey of clay and glaze materials and reaction to fire will be included. Methods of decorating using glazes will be introduced. Influence of Eastern and Western contemporary and historical works and the students' creations. Formulate personal creative process, including inspiration, experimentation, and evaluation. Designed for art majors as well as general education students.

D 22400	Lec	MW	12:00 12:50	1016	THIEL	08/16-12/19	GR	001
		MW	1:00 2:50	1016			GR	
D 20003	Lec	TR	9:00 9:50	1016	ESQUIERDO	08/16-12/19	GR	002
		TR	10:00 11:50	1016			GR	
E 22591	Lec	MW	6:00 6:50	1016	SANTIAGO	08/16-12/19	GR	071
		MW	7:00 8:50	1016			GR	

ART 16B INTRODUCTION TO CERAMICS II 3.0 Units

Further development of the technical skills of wheel thrown and hand constructed clay forms. Exploration of surface decoration, using various glazing techniques and methods of slip decoration is continued. Designed for art majors as well as general education students. **Prerequisite: Art 16A (completed with a grade of "C" or higher).**

D 22401	Lec	MW	12:00 12:50	1016	THIEL	08/16-12/19	GR	001
		MW	1:00 2:50	1016			GR	
D 20004	Lec	TR	9:00 9:50	1016	ESQUIERDO	08/16-12/19	GR	002
		TR	10:00 11:50	1016			GR	
E 22592	Lec	MW	6:00 6:50	1016	SANTIAGO	08/16-12/19	GR	071
		MW	7:00 8:50	1016			GR	

ART 16C INTRODUCTION TO CERAMICS III 3.0 Units

Introduction of intermediate technical skills of throwing forms on the wheel with emphasis on the creative expression of the form. Kiln loading and firing procedure and process introduction. Continued development of various hand construction techniques of clay forms. **Prerequisite: Art 16B (completed with a grade of "C" or higher).**

D 22402	Lec	MW	12:00 12:50	1016	THIEL	08/16-12/19	GR	001
		MW	1:00 2:50	1016			GR	
D 20005	Lec	TR	9:00 9:50	1016	SANTIAGO	08/16-12/19	GR	002
		TR	10:00 11:50	1016			GR	
E 22593	Lec	MW	6:00 6:50	1016	SANTIAGO	08/16-12/19	GR	071
		MW	7:00 8:50	1016			GR	

ART 16D CERAMICS - INTERMEDIATE 3.0 Units

Intermediate technical skills of wheel-thrown and hand-constructed clay forms. Glaze exploration and experimentation. Exploration in the history of contemporary ceramic art and masters. **Prerequisite: Art 16C (completed with a grade of "C" or higher).**

D 22403	Lec	MW	12:00 12:50	1016	THIEL	08/16-12/19	GR	001
		MW	1:00 2:50	1016			GR	
D 20006	Lec	TR	9:00 9:50	1016	ESQUIERDO	08/16-12/19	GR	002
		TR	10:00 11:50	1016			GR	
E 22594	Lec	MW	6:00 6:50	1016	SANTIAGO	08/16-12/19	GR	071
		MW	7:00 8:50	1016			GR	

ART 17A BEGINNING SCULPTURE I 3.0 Units

Construction methods in clay through design of three- dimensional and relief sculptures. Includes an introduction to ceramic art history and fundamentals of ceramic glaze and firing technology. Elements and principles of three-dimensional design are emphasized in oral and written critiques. This course is designed for art majors as well as general education students.

D 21577	Lec TR	9:00 9:50	1012	THIEL	08/16-12/19	GR	001
	Lab TR	10:00 11:50	1012			GR	

ART 17B BEGINNING SCULPTURE II 3.0 Units

Further development of the technical skills of three- dimensional sculpture and bas relief. Development of style in surface decoration, using various glazing techniques and methods of slip decoration are continued. Designed for art majors as well as general education students. **Prerequisite: ART 17A (completed with a grade of "C" or higher)**

D 21578	Lec TR	9:00 9:50	1012	THIEL	08/16-12/19	GR	001
	Lab TR	10:00 11:50	1012			GR	

ART 18A WOOD AND STONE SCULPTURE I 3.0 Units

Design and carve Bas-relief sculptures, using subtractive methods in wood and stone. Includes an introduction to art history and fundamentals of pneumatic (air power) technology. Elements and principles of three-dimensional design are emphasized in oral and written critiques. Designed for art majors as well as general education students.

D 22595	Lec TR	9:00 9:50	1012	THIEL	08/16-12/19	GR	001
	Lab TR	10:00 11:50	1012			GR	

ART 18B WOOD AND STONE SCULPTURE 3.0 Units

Design and carve three-dimensional sculptures, using subtractive methods in wood and stone. Includes art history and fundamentals of pneumatic (air power) technology. Elements and principles of three-dimensional design are emphasized in oral and written critiques. Designed for art majors as well as general education students. **Prerequisite: ART 18A (completed with a grade of "C" or higher)**

D 22596	Lec TR	9:00 9:50	1012	THIEL	08/16-12/19	GR	001
	Lab TR	10:00 11:50	1012			GR	

ART 20 ALL MEDIA SCULPTURE 3.0 Units

Concentrated individual studies in sculpture, designed to provide opportunity for continued investigation in the possibilities of a particular sculptural medium for the purpose of creating individual expression. Strongly Recommended: ART 17A (completed with a grade of "C" or higher)

D 22495	Lec TR	9:00 9:50	1012	THIEL	08/16-12/19	GR	001
	TR	10:00 11:50	1012			GR	

ART 23 2-D FOUNDATIONS 3.0 Units

Introduction to the concepts, applications, and historical /multicultural references related to two-dimensional art and composition, including the study and analysis of the basic principles and elements of line, shape, texture, value, color and spatial illusion. Development of a visual vocabulary for creative expression through lecture presentations, studio projects, problem solving and written assignments. **May not receive credit if ART 10 has been completed.**

D 22289	Lec MW	9:00 9:50	1613	GOLOJUCH	08/16-12/19	GR	001
	MW	10:00 11:50	1613			GR	
D 23215	Lec Fri	9:00 9:50	1006	STIPE	08/16-12/19	GR	FY6
	Fri	10:00 11:50	1006			GR	
	By Arr	3.0 Hrs/Wk		HYBRID		GR	

This section is dedicated to our First Year Experience students. For pathway registration course numbers or information on the program, please visit us at www.chabotcollege.edu/FYE

ART 24 3-D FOUNDATIONS 3.0 Units

Introduction to the concepts, applications, and historical references related to three-dimensional design and spatial composition, including the study of the elements and organizing principles of design as they apply to three-dimensional space and form. Development of a visual vocabulary for creative expression through lecture presentations and use of appropriate materials for three-dimensional studio projects.

D 23216	Lec MW	9:00 9:50	1012	THIEL	08/16-12/19	GR	001
	Lab MW	10:00 11:50	1012			GR	

ART-HISTORY

ARTH 1 INTRODUCTION TO ART 3.0 Units

Drawing, painting, sculpture, photography, architecture, and other art forms in relation to human inventiveness in providing for material and aesthetic needs; orientation to contemporary and historic art forms and principles. (Formerly ART 1; may not receive credit if ART 1 has been completed.)

D 20722	Lec MW	10:30 11:45	804	ZULIANI	08/16-12/19	GR	001
D 20721	Lec MW	12:00 1:15	804	ZULIANI	08/16-12/19	GR	002
D 22290	Lec TR	3:00 4:15	804	CORTEZ	08/16-12/19	GR	003

ARTH 4 ART HISTORY-ANCIENT TO GOTHIC 3.0 Units

History of Western art from prehistoric times through Egyptian, Mesopotamian, Aegean, Greek, Etruscan, Roman, Early Christian, Byzantine, Medieval, Romanesque and Gothic civilizations.

D 21457	Lec TR	9:00 10:15	804	RAYMOND	08/16-12/19	OP	001
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ARTH 5 RENAISSANCE TO MODERN 3.0 Units

History of Western art from Early Renaissance through High Renaissance, Mannerism, Baroque, Neoclassicism, Romanticism, Realism, Impressionism, Post-Impressionism, and 20th Century developments of American art.

D 22747	Lec TR	10:30 11:45	804	RAYMOND	08/16-12/19	OP	001
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ARTH 6 TWENTIETH CENTURY ART 3.0 Units

History of significant Modern, Postmodern and Contemporary art movements. Lectures include discussions of works made in various media by well-known and lesser-known makers, including women artists, non-western artists, and artists of color.

D 21180	Lec TR	1:00 2:15	551	BRANNVALL	08/16-12/19	OP	001
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ARTH 8 NON-WESTERN ART 3.0 Units

A broad survey of art offering a rich visual encounter with the cultural and historical heritage of Africa, Asia, Oceania, and the Americas. Introduces cultural perspectives developed outside the Western (European) tradition and provides students with a multi-cultural, global perspective of the visual arts.

E 23217	Lec Mon	6:00 8:50	804	ZULIANI	08/16-12/19	GR	071
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ASTRONOMY

ASTR 10 THE SOLAR SYSTEM 3.0 Units

Introduction to history and physical principles of astronomy, focusing on our Solar System. Includes: constellations; distance scales; historical development of astronomy; gravitation; motion of the earth, moon and planets, astronomical tools; formation and evolution of the solar system; physical properties, atmosphere, and evolution of the earth, moon, and planets within the solar system; asteroids, comets, and other small bodies; discovery of extra-solar planets; possibilities for life beyond Earth. Designed for non-majors in mathematics or physical science.

This course may require you to purchase access to an online astronomy learning environment.

D 22311	Lec MW	9:00 10:15	1902	DAVE	08/16-12/19	OP	001
D 20038	Lec TR	10:30 11:45	1902	HILDRETH	08/16-12/19	OP	002
D 22790	Lec TR	1:30 2:45	1902	HILDRETH	08/16-12/19	OP	003
E 22502	Lec TR	4:30 5:45	1902	MOORE	08/16-12/19	OP	071
O 23011	By Arr	3.0 Hrs/Wk	ONLINE	HILDRETH	08/16-12/19	OP	ON1

ASTR 10-ON1 is an online course with no required on-campus meetings. For important additional information, go to <http://www.chabotcollege.edu/online> This course may require you to purchase access to an online astronomy learning environment.

ASTR 20 STARS AND THE UNIVERSE 3.0 Units

Introduction to study of stars, galaxies, cosmology. Includes the nature of light and matter, telescopes, spectroscopy, stellar formation and evolution, galaxies, quasars, and cosmology. Designed for non-majors in mathematics or a physical science. ***This course may require you to purchase access to an online astronomy learning environment.***

D 22312	Lec MW	1:30 2:45	1902	PROCHTER	08/16-12/19	OP	001
D 20702	Lec TR	9:00 10:15	1902	DAVE	08/16-12/19	OP	002
D 21521	Lec MW	10:30 11:45	1902	LEE	08/16-12/19	OP	003
E 23060	Lec MW	6:30 7:45	1902	DAVE	08/16-12/19	OP	071

CRN	Type	Day(s)	Times	Room	Instructor	Dates	Code	Sec
ASTR 30 INTRO TO ASTRONOMY LAB 1.0 Units								
Introduction to laboratory principles and techniques in astronomy. Includes telescope operation and measuring stellar magnitudes, spectral lines, motions of the sun, moon and planets. Prerequisite/Corequisite: ASTR 10 or ASTR 20.								
E 22313	Lab	Mon	6:30 9:20	1806	HILDRETH	08/16-12/19	OP	071
E 21267	Lab	Tue	6:30 9:20	1806	MOORE	08/16-12/19	OP	072

AUTOMOTIVE TECHNOLOGY

ATEC 1 AUTOMOTIVE ENGINES 4.0 Units								
Automotive engine fundamentals including; configurations and designs, operation, diagnostic tests; disassembly, inspection, thread repair, broken bolt removal, precision measurement, assembly, timing chains and belts, valve adjustments cooling systems, introduction to engine machining, proper use of shop related tools and equipment, and safety practices. Prerequisite: Automotive Technology 50 (may be taken concurrently) or equivalent.								
Students must have an email account & internet access by the first day of class.								
E 22576	Lec	Mon	6:00 8:15	1418	MOORE	08/16-12/19	GR	071
	Lab	Mon	8:30 9:45	1414			GR	
	Lab	Wed	6:00 9:50	1414			GR	

ATEC 2 AUTOMATIC TRANSMISSION & TRANSAX 3.0 Units								
Automotive Automatic Transmission fundamentals including: Diagnosis, inspection, repair and adjustment of automatic transmission/transaxle assemblies, torque converters, friction materials, hydraulics, gear trains, manual and electronic controls, driveshaft and axle operation service and repair. Prerequisite: Automotive Technology 50 (may be taken concurrently) or equivalent. May not receive credit if Automotive Technology 64B has been completed.								
Students must have an email account & internet access by the first day of class.								
D 21247	Lec	Mon	1:00 2:15	1406	BAUM	08/16-12/19	GR	001
	Lab	Mon	2:30 4:20	1406			GR	
	Lab	Wed	1:00 3:50	1406			GR	

ATEC 4 AUTO SUSPENSION & STEERING 3.0 Units								
Automotive Suspension and Steering fundamentals including: Diagnosis, inspection, repair, and adjustment of modern automotive steering, suspension, supplemental restraint, tire pressure monitoring, common automotive steering and suspension systems, wheel alignment principles, methods of diagnosis, adjustment and repair, suspension service equipment. Prerequisite: Automotive Technology 50 (may be taken concurrently).								
Students must have an email account & internet access by the first day of class.								
D 21249	Lec	Mon	8:00 9:15	1506	BAUM	08/16-12/19	GR	001
	Lab	Mon	9:30 11:20	1426			GR	
	Lab	Wed	8:00 10:50	1426			GR	

ATEC 5 AUTO BRAKING SYSTEMS 3.0 Units								
Automotive brake system including: Diagnosis, inspection, repair, and adjustment of modern automotive brakes, including anti-lock braking systems, traction control, and dynamic stability control systems, theory of operation, the study of basic laws of hydraulics, brake service equipment. Prerequisite: Automotive Technology 50 (may be taken concurrently) or equivalent. May not receive credit if Automotive Technology 65 has been completed.								
Students must have an email account & internet access by the first day of class.								
D 21250	Lec	Tue	1:00 2:15	1635	BAUM	08/16-12/19	GR	001
	Lab	Tue	2:30 4:20	1426			GR	
	Lab	Thu	1:00 3:50	1426			GR	

ATEC 6A ELECT & ELECTRONICS FUNDAMENTAL 4.0 Units								
Automotive Electrical and Electronic fundamentals including: Ohm's Law, basic electrical circuits, components, battery, starting, changing, and basic wiring systems, electrical components and the use of basic wiring diagrams for trouble shooting systems, repair of wiring circuits and correct use of diagnostic equipment. Prerequisite: Automotive Technology 50 (may be taken concurrently) or equivalent. May not receive credit if Automotive Technology 60 has been completed.)								
Students must have an email account & internet access by the first day of class.								
E 21944	Lec	Mon	6:00 8:15	1635	VAN BRASCH	08/16-12/19	GR	071
	Lab	Mon	8:30 9:45	1426			GR	
	Lab	Wed	6:00 9:50	1426			GR	

ATEC 6B ELECT & ELECTRONICS SYSTEMS 3.0 Units								
Automotive body electronics, vehicle lighting, instrumentation, OEM audio, navigation, and communication systems, supplemental restraint systems, starter interlock systems, computer controlled charging systems. Prerequisite: Automotive Technology 6A or equivalent. May not receive credit if Automotive Technology 71 or 71A has been completed.								
Students must have an email account & internet access by the first day of class.								
D 23045	Lec	Mon	8:00 9:15	1635	SMALL	08/16-12/19	GR	001
	Lab	Mon	9:30 11:20	1426			GR	
	Lab	Wed	8:00 10:50	1426			GR	

ATEC 7 HEATING & AIR CONDITION SYSTEMS 2.5 Units								
Automotive Heating and Air Conditioning including: Diagnosis, testing, adjustment, and repair of air conditioning, cooling and heating systems, heat and energy, psychometrics, air flow, refrigerant recycling, equipment and controls. Prerequisite: Automotive Technology 50 (may be taken concurrently). Strongly recommended: Automotive Technology 63A. May not receive credit if Automotive Technology 62 has been completed.								
Students must have an email account & internet access by the first day of class.								
D 22214	Lec	Mon	1:00 2:15	1564	SNIDER	08/16-12/19	GR	001
	Lab	Mon	2:30 4:20	1426			GR	
	Lab	Wed	1:00 2:50	1426			GR	

ATEC 8 AIR & FUEL DELIVERY SYSTEMS 4.0 Units								
Automotive Air and Fuel Delivery including: Introduction to the principles of automotive fuel induction systems, including the inspection, diagnosis, and evaluation of fuel storage, fuel pump, carburetion, intake and exhaust systems, engine operation principles, computerized engine controls, and fuel injection systems. Prerequisite: Automotive Technology 6A. May not receive credit if Automotive Technology 61 has been completed.								
Students must have an email account & internet access by the first day of class.								
D 21252	Lec	Tue	8:00 10:15	1635	SMALL	08/16-12/19	GR	001
	Lab	Tue	10:30 11:45	1426			GR	
	Lab	Thu	8:00 11:50	1426			GR	

ATEC 10 ADVANCED ENGINE PERFORMANCE 3.0 Units								
Automotive Engine Management Systems including: Ignition systems, combustion process, emission control devices, diagnostic practices for drivability, emissions, on board diagnostic systems, vehicle systems integration, and new engine technology. Prerequisite: Automotive Technology 8 (completed with a grade of "C" or higher).								
Students must have an email account & internet access by the first day of class.								
D 21945	Lec	Mon	1:00 2:15	1635	SMALL	08/16-12/19	GR	001
	Lab	Mon	2:30 4:20	1426			GR	
	Lab	Wed	1:00 3:50	1426			GR	

AUTOMOTIVE TECHNOLOGY

The Automotive Technology Program is dedicated to the preparation of men and women for potential career paths as automotive technicians, service advisors or managers, parts persons or other related jobs in the automotive industry.



AS DEGREES

- Auto Maintenance
- Chassis
- Drivetrain
- Engine Performance
- BMW Manufacturing Training

CRN	Type	Day(s)	Times	Room	Instructor	Dates	Code	Sec	CRN	Type	Day(s)	Times	Room	Instructor	Dates	Code	Sec
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ATEC 50 INTRO AUTOMOTIVE TECH 3.0 Units

Automotive industry fundamentals including careers; safety; fasteners, hand tool identification and usage; vehicle systems, electrical fundamentals; service information access and use; automotive chemical and fluid applications; hazardous waste handling; general shop equipment usage and vehicle servicing. **Students must have an email account & internet access by the first day of class.**

D 20569	Lec	Tue	8:00 10:15	1564	BAUM	08/16-12/19	OP	001
	Lab	Thu	8:00 10:15	1426			OP	
D 21145	Lec	Tue	1:00 3:15	1426	SMALL	08/16-12/19	OP	002
	Lab	Thu	1:00 3:15	1564			OP	
E 20570	Lec	Tue	6:00 8:15	1564	ESPINOZA	08/16-12/19	OP	071
	Lab	Thu	6:00 8:15	1426			OP	

ATEC 75 AUTOMOTIVE SERVICE CONSULTANT 3.0 Units

Automotive Service Consultant fundamentals including: Communications, customer service, legal documents, business interactions, billing, parts and labor guides, shop management applications, shop operations, sales, vehicle identification and systems operations. Course content is aligned with tasks identified by Automotive Service Excellence (ASE) certification. **Prerequisite: ATEC 50 (completed with a grade of "C" or higher).** **Students must have an email account & internet access by the first day of class.**

E 23044	Lec	Tue	6:00 8:30	1611	KAY	08/16-12/19	GR	071
	Lab	Thu	6:00 7:30	1611			GR	

ATEC 90 HYBRID VEHICLE OPERAT & SVCG 2.0 Units

Study of hybrid vehicle architecture, operation, and servicing. **Prerequisite: Automotive Technology 50 (completed with a grade of "C" or higher)** **Strongly Recommended: ATEC 6A and, ATEC 8 and, ATEC 2 and, ATEC 5 and ATEC 10 or equivalent.** **Students must have an email account & internet access by the first day of class.**

E 21194	Lab	Mon	6:00 9:50	1426	SNIDER	08/16-10/11	OP	E71
	Lec	Wed	6:00 8:50	1635			OP	

ATEC 91 HYBRID DIAGNOSIS/ALT FUEL TECH 2.0 Units

Introduces students to hybrid vehicle diagnosis and repairs. Students will also learn about alternative fuel vehicles available today. Students will acquire knowledge and experience on hybrid vehicle systems focusing on diagnosis, repair, safety, and the application and operation of alternate fuels used on today's vehicles. **Prerequisite: Automotive Technology 9901 or Automotive Technology 90 (completed with a grade of C or higher).** **Students must have an email account & internet access by the first day of class.**

E 21253	Lab	Mon	6:00 9:50	1426	SNIDER	10/16-12/12	GR	E71
	Lec	Wed	6:00 8:50	1635			GR	

BMW**BMW 10 BMW TECHNICAL SYSTEMS 5.0 Units**

Introduces and develops the use of BMW's technology including BMW's proprietary internet resource information systems and BMW's workshop equipment for diagnosis, coding and programming. Additional content includes service, maintenance, and warranty programs. **Prerequisite: Automotive Technology 50 (may be taken concurrently) or equivalent.** **Students must have an email account & internet access by the first day of class.**

D 21009	Lec	MTWR	7:30 9:20	3407	SHADBOLT	08/16-10/11	GR	E01
	Lab	MTWR	9:30 11:45	3410			GR	

BMW 10 registration needs prior faculty approval. See Mike Sherburne, room 1548, or email for an appointment at msherburne@chabotcollege.edu

BMW 20 BMW BODY ELECTRONICS 5.0 Units

BMW Body Electronics covers basic electricity, DVOM's, breakout boxes and connectors, understanding diagnostics, BMW's drive away protection system (EWS), electronic signals, batteries, starting and charging systems, bus communication systems, power modules, car access systems (CAS) and voltage supply systems. **Prerequisite: BMW 10 (completed with a grade of "C" or higher)** **Strongly recommended: ATEC 6A.** **Students must have an email account & internet access by the first day of class.**

D 21178	Lec	MTWR	7:30 8:55	3407	SHERBURNE	10/16-12/12	GR	E01
	Lab	MTWR	9:10 12:15	3410			GR	

BMW 30 BMW CHASSIS DYNAMICS 5.0 Units

BMW Chassis Dynamics contains suspension geometry, BMW suspension systems, wheel alignment procedures, road force balancing, chassis dynamics, active steering systems, DSC dynamic drive systems, active all wheel drive systems, active roll stabilization, level control systems, electronic damper control, electronic parking brakes, and tire pressure monitoring systems. **Prerequisite: BMW 10 and BMW 20 (both completed with a grade of "C" or higher).** **Strongly Recommended: ATEC 5 and ATEC 4.** **Students must have an email account & internet access by the first day of class.**

D 21183	Lec	MTWR	1:00 2:25	3407	SHERBURNE	08/16-10/11	GR	E01
	Lab	MTWR	2:35 5:40	3410			GR	

BMW 40 BMW ENG ELEC & ENG TECH 5.0 Units

BMW Engine Electronics & Engine Technology entails the breaks down the current BMW engine management systems into power supply, fuel management, air management, ignition, emissions, and performance controls. Engine diagnosis and repair in VANOS, Valvetronic, differential intake air systems (DISA), engine and vehicle managements are reinforced. **Prerequisite BMW 10 (completed with a grade of "C" or higher) and, BMW 20 (completed with a grade of "C" or higher).** **Strongly Recommended: ATEC 8 and ATEC 1.** **Students must have an email account & internet access by the first day of class.**

D 21254	Lec	MTWR	1:00 2:25	3407	SHADBOLT	10/16-12/12	GR	E01
	Lab	MTWR	2:35 5:40	3410			GR	

BIOLOGICAL SCIENCES - ANATOMY**ANAT 1 GENERAL HUMAN ANATOMY 5.0 Units**

Structure and function of the human body with emphasis on microscopic, gross and developmental anatomy. Microscopic examination of normal and pathological tissues, and dissection, supplemented by use of charts, models, and computer assisted instruction. **Prerequisite: Biology 31 or equivalent course (completed with a grade of "C" or higher).** **Strongly recommended: Eligibility for English 1A or 52A.**

D 20036	Lec	MW	8:30 9:45	2110	LANGE	08/16-12/19	GR	001
	Lab	MW	9:50 12:40	2110			GR	
D 21969	Lec	MW	1:00 2:15	2110	WU	08/16-12/19	GR	002
	Lab	MW	2:20 5:10	2110			GR	
D 20696	Lec	TR	7:45 9:00	2110	WU	08/16-12/19	GR	003
	Lab	TR	9:05 11:55	2110			GR	
D 20697	Lec	TR	1:15 2:30	2110	LANGE	08/16-12/19	GR	004
	Lab	TR	2:35 5:25	2110			GR	
D 22585	Lec	Fri	8:00 9:15	2110	MAJLESI	08/16-12/19	GR	005
	Lab	Fri	9:20 12:10	2110			GR	
	Lec	Fri	12:45 2:00	2110			GR	
	Lab	Fri	2:05 4:55	2110			GR	
E 20424	Lec	MW	5:45 7:00	2110	RUGGIERO	08/16-12/19	GR	071
	Lab	MW	7:05 9:55	2110			GR	
E 20037	Lec	TR	5:45 7:00	2110	GREEN	08/16-12/19	GR	072
	Lab	TR	7:05 9:55	2110			GR	

BIOLOGICAL SCIENCES - BIOLOGY**BIOL 2 PRINCIPLES OF CELL/MOLECULAR 5.0 Units**

Principles of the structure and function of biological molecules, viruses, prokaryotic, and eukaryotic cells with emphasis on homeostasis, cell reproduction and its controls, molecular and transmission genetics, control of gene expression and interactions, genetic control of pattern formation in development, and cell metabolism. Intended for biological sciences majors. **Prerequisite: BIOL 4 (completed with a grade of "C" or higher) or, BIOL 6 (completed with a grade of "C" or higher) and CHEM 1A (completed with a grade of "C" or higher) or equivalent and MTH 55 (completed with a grade of "C" or higher) or equivalent.** **Strongly Recommended: Eligibility for ENGL 1A.**

D 21553	Lec	TR	1:00 2:15	2124	CATTOLICA	08/16-12/19	GR	001
	Lab	TR	2:20 5:10	2124			GR	

BIOL 4 PRIN OF ANIMAL BIOL/EVOLUTION 4.0 Units

Principles of the diversity, structure and function of heterotrophic organisms—animals, protists, and fungi with emphasis on homeostasis, development, phylogeny and taxonomy. Principles of evolution, evolutionary history, and population genetics. Intended for biological sciences majors. **Prerequisite: MTH 55 or equivalent and BIOL 6 (completed with a grade of “C” or higher) or CHEM 1A (completed with a grade of “C” or higher). Strongly Recommended: Eligibility for ENGL 1A.**

D 21551	Lec	TR	1:00 2:15	1812	CALDWELL	08/16-12/19	GR	001
	Lab	Tue	2:30 5:20	2130			GR	
D 21552	Lec	TR	1:00 2:15	1812	CALDWELL	08/16-12/19	GR	002
	Lab	Thu	2:30 5:20	2130			GR	

BIOL 6 PRINCIPLES OF PLANT BIOL&ECO 4.0 Units

Principles of the diversity, structure and function of plants, autotrophic protists, and bacteria with emphasis on cell reproduction, alternation of generations, homeostasis, development, phylogeny, taxonomy, and systematics. Principles of ecology including conservation biology. Intended for biological sciences majors. **Prerequisite: Mathematics 55 or equivalent (completed with a grade of “C” or higher). Strongly recommended: Eligibility for English 1A.**

D 21275	Lec	TR	7:45 9:00	1803	OTTO	08/16-12/19	GR	001
	Lab	Tue	9:10 12:00	2130			GR	
D 21276	Lec	TR	7:45 9:00	1803	OTTO	08/16-12/19	GR	002
	Lab	Thu	9:10 12:00	2130			GR	

BIOL 10 INTRO TO THE SCIENCE OF BIOL 4.0 Units

Basic principles of biology, dealing with the nature of living things, and the nature of scientific investigation and its bioethical impact in our modern world. Designed for non-majors in biology or the biomedical sciences.

D 22039	Lec	MW	8:00 9:15	1803	BAUZON	08/16-12/19	OP	001
	Lab	Mon	9:30 12:20	2106			OP	
D 22040	Lec	MW	8:00 9:15	1803	BAUZON	08/16-12/19	OP	002
	Lab	Wed	9:30 12:20	2106			OP	
D 20040	Lec	MW	1:00 2:15	1760	CATTOLICA	08/16-12/19	OP	003
	Lab	Mon	2:30 5:20	2106			OP	
D 20786	Lec	MW	1:00 2:15	1760	CATTOLICA	08/16-12/19	OP	004
	Lab	Wed	2:30 5:20	2106			OP	
E 20039	Lec	TR	7:00 8:15	1803	AQUINO	08/16-12/19	OP	071
	Lab	TR	8:30 9:45	2106			OP	

BIOL 31 INTRO TO COLLEGE BIOLOGY 4.0 Units

Basic principles of biology. Includes origin of life, cell structure and function, cell division, reproduction, genetics, taxonomy, evolution, and cell metabolism. Laboratory emphasis on developing various laboratory skills, using the metric system, collecting data, graphing, interpreting data, utilizing statistics and preparing for and taking laboratory practicals. Designed to prepare the necessary concepts and laboratory skills and experience that are needed to succeed in more advanced courses in biology. **Strongly recommended: Math 65 or 65A and eligibility for English 1A.**

D 22785	Lec	MW	7:30 8:45	2108	TSAO	08/16-12/19	GR	001
	Lab	Mon	9:00 11:50	2104			GR	
D 22786	Lec	MW	7:30 8:45	2108	TSAO	08/16-12/19	GR	002
	Lab	Wed	9:00 11:50	2104			GR	
D 20043	Lec	MW	12:00 1:15	2108	BRAGANZA	08/16-12/19	GR	003
	Lab	Mon	1:30 4:20	2104			GR	
D 20267	Lec	MW	12:00 1:15	2108	BRAGANZA	08/16-12/19	GR	004
	Lab	Wed	1:30 4:20	2104			GR	
D 20042	Lec	TR	7:30 8:45	2108	TSAO	08/16-12/19	GR	005
	Lab	Tue	9:00 11:50	2104			GR	
D 20340	Lec	TR	7:30 8:45	2108	TSAO	08/16-12/19	GR	006
	Lab	Thu	9:00 11:50	2104			GR	
D 22304	Lec	TR	1:00 2:15	2108	BRAGANZA	08/16-12/19	GR	007
	Lab	Tue	2:30 5:20	2104			GR	
D 22305	Lec	TR	1:00 2:15	2108	BRAGANZA	08/16-12/19	GR	008
	Lab	Thu	2:30 5:20	2104			GR	
E 20044	Lec	MW	5:45 7:00	1803	KAMAKEYA	08/16-12/19	GR	071
	Lab	Mon	7:15 10:05	2104			GR	
E 20045	Lec	MW	5:45 7:00	1803	KAMAKEYA	08/16-12/19	GR	072
	Lab	Wed	7:15 10:05	2104			GR	

BIOL 50 ANATOMY AND PHYSIOLOGY 4.0 Units

Structure and function of the human body is studied. Emphasis on human anatomy and physiological principles at the cellular and systemic level. Designed primarily for majors in paramedic and medical assisting programs and pre-medical students who wish to explore the realm of anatomy and physiology.

D 20387	Lec	TR	7:40 8:55	1802	PETERS	08/16-12/19	GR	001
	Lab	Thu	9:00 11:50	2102			GR	
D 20046	Lec	TR	7:40 8:55	1802	PETERS	08/16-12/19	GR	002
	Lab	Thu	9:00 11:50	2102			GR	

BIOLOGICAL SCIENCES - ENVIRONMENT**ENSC 10 HUMANS AND THE ENVIRONMENT 3.0 Units**

Identification of problems created by humans' modification of their environment by focusing on ecological interactions involving the human species; investigating the life processes of organisms as they relate to specific environments.

Environmental Science 10, 11, and 12 may be combined for a maximum of 4 units.

D 20794	Lec	TR	10:30 11:45	2108	CALDWELL	08/16-12/19	GR	001
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ENSC 11 HUMANS AND THE ENVIRONMENT/LAB 4.0 Units

Identification of problems created by humans' modification of their environment by focusing on ecological interactions involving the human species; investigating the life processes of organisms as they relate to specific environments.

Environmental Science 10, 11, and 12 may be combined for a maximum of 4 units.

D 22309	Lec	Mon	9:00 11:50	2130	OTTO	08/16-12/19	GR	001
	Lab	Wed	9:00 11:50	2130			GR	

ENSC 12 CURRENT ISSUES IN ENVIR SCI 3.0 Units

Identification of problems created by humans' modification of their environment. Examination of human population growth through history, resource use, and pollution. Introduction of fundamental concepts of matter, energy, and ecology with emphasis on application of these concepts to a range of contemporary environmental issues. **Environmental Sciences 10, 11, and 12 may be combined for a maximum of 4 units.**

O 22310	By Arr	3.0 Hrs/Wk	ONLINE	CALDWELL	08/16-12/19	OP	ON1	
<i>This section is an online course. Students must have an email account and internet access before the first day of class. For important additional information, go to http://www.chabotcollege.edu/online</i>								

ENSC 15 AGROECOLOGY 3.0 Units

Principles of the ecology of sustainable food systems. The environmental impact of agriculture, types of agriculture, soil science, plant structure, reproduction, development and growth and plants' interactions with other organisms. The interactions of culture, human population growth, and major environmental challenges in the transition to sustainable agriculture and food systems. Designed for non-majors in environmental science.

O 22844	By Arr	3.0 Hrs/Wk	ONLINE	CALDWELL	08/16-12/19	GR	ON1	
<i>This section is an online course. Students must have an email account and internet access before the first day of class. For important additional information, go to http://www.chabotcollege.edu/online</i>								

ENSC 15L AGROECOLOGY LABORATORY 1.0 Units

Laboratory exercises developed as an adjunct to ENSC 15 (Agroecology). Practical applications of ecological concepts and principles to the design and management of sustainable food systems. **May be taken concurrently with ENSC 15.**

D 23017	Lab	Mon	1:00 3:50	2130	CALDWELL	08/16-12/19	GR	001
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BIOLOGICAL SCIENCES - MICROBIOLOGY**MICR 1 MICROBIOLOGY 5.0 Units**

Bacteria, fungi, protozoa, and viruses with an emphasis on their relationship to humans and disease. Cultivation, control, metabolism, body's defense against disease, microbial genetics, laboratory tests, and contemporary infectious diseases. Methods used in the laboratory includes staining, investigation, cultivation, identification of unknowns, and sensitivity testing. **Prerequisite: Biology 31 and Chemistry 30A or Chemistry 1A (all completed with a grade of “C” or higher). Strongly recommended: Anatomy 1, eligibility for English 1A.**

D 20353	Lec	MW	1:00 2:15	2124	ENRIQUEZ	08/16-12/19	GR	001
	Lab	MW	2:30 5:20	2124			GR	

MICR 1 (CONTINUED NEXT PAGE TOP COLUMN))

MICR 1 (CONTINUED)

CRN	Type	Day(s)	Times	Room	Instructor	Dates	Code	Sec
D 20700	Lec	TR	7:30 8:45	2124	ENRIQUEZ	08/16-12/19	GR	002
	Lab	TR	9:00 11:50	2124			GR	
D 20701	Lec	WF	7:30 8:45	2124	ENRIQUEZ	08/16-12/19	GR	003
	Lab	WF	9:00 11:50	2124			GR	
E 20354	Lec	MW	5:45 7:00	2124	CORONADO	08/16-12/19	GR	071
	Lab	MW	7:15 10:05	2124			GR	
E 20561	Lec	TR	5:45 7:00	2124	CATTOLICA	08/16-12/19	GR	072
	Lab	TR	7:15 10:05	2124			GR	

BIOLOGICAL SCIENCES - PHYSIOLOGY

PHSI 1 HUMAN PHYSIOLOGY 5.0 Units

Cellular and systemic body functions. Emphasis placed on physio- and electro-chemical and clinical methods, collection and analysis of data, extrapolations and conclusions. Working models, including human responses, computer simulations are studied. **Prerequisite: Chemistry 30A and Anatomy 1 (both with a grade of "C" or higher). Strongly recommended: Chemistry 30B, eligibility for English 1A.**

CRN	Type	Day(s)	Times	Room	Instructor	Dates	Code	Sec
D 20058	Lec	MW	7:45 9:00	2102	WU	08/16-12/19	GR	001
	Lab	MW	9:05 11:55	2102			GR	
D 20705	Lec	MW	1:00 2:15	2102	MARAWALA	08/16-12/19	GR	002
	Lab	MW	2:20 5:10	2102			GR	
D 21985	Lec	TR	1:00 2:15	2102	MARAWALA	08/16-12/19	GR	003
	Lab	TR	2:20 5:10	2102			GR	
O 22586	Lec	Wed	5:45 7:00	2102	MARAWALA	08/16-12/19	GR	H01
	Lab	Wed	7:15 10:05	2102			GR	
		By Arr	4.5 Hrs/Wk	HYBRID			GR	

PHSI 1 is a hybrid course conducted both on campus and by interactive software. For more information, go to <http://www.chabotcollege.edu/online>

BUSINESS

BUS 1A FINANCIAL ACCOUNTING 4.0 Units

Explores financial accounting, its importance and how it is used by internal and external users as decision-making tool. Covers forms of organizations; accounting information systems; application of general accounting principles; and preparation, interpretation and analysis of various forms of financial statements. Includes topics on cash flow statement, cash and accrual accounting concepts, merchandising operation, internal control and ethics, reporting and accounting for receivables, payables, long- term assets and liabilities, inventory, depreciation, stockholders' equity, stocks and bonds. **Strongly recommended: Business 7. Success in this course will require student to have personal access to a computer station that can run software related to this course and Internet connectivity.**

CRN	Type	Day(s)	Times	Room	Instructor	Dates	Code	Sec
D 22191	Lec	Mon	8:00 10:15	1607	KALYAGIN	08/16-12/19	OP	001
	Lec	Wed	8:00 9:15	1607			OP	
	Lab	Wed	9:20 10:15	1607			OP	
D 22192	Lec	Mon	10:30 12:45	301	BHANGAL	08/16-12/19	OP	002
	Lec	Wed	10:30 11:45	301			OP	
	Lab	Wed	11:50 12:45	301			OP	
D 22193	Lec	Mon	1:00 3:15	301	KLEIN	08/16-12/19	OP	003
	Lec	Wed	1:00 2:15	301			OP	
	Lab	Wed	2:20 3:15	301			OP	
E 22194	By Arr		8.2 Hrs/Wk	HYBRID	KALYAGIN	08/16-10/15	OP	H71
	Lec	Mon	6:00 7:50	1607			OP	
	Lab	Mon	8:00 8:50	1607			OP	

BUS 1A-H71 is an 8 - week hybrid course with a portion of the class taught online. For important additional information, go to <http://www.chabotcollege.edu/online>

O 20849	By Arr		6.0 Hrs/Wk	ONLINE	KALYAGIN	09/05-12/19	OP	EN1
O 20781	By Arr		10.0 Hrs/Wk	ONLINE	BHANGAL	10/16-12/19	OP	EN2
O 20583	By Arr		5.0 Hrs/Wk	ONLINE	BHANGAL	08/16-12/19	OP	ON1
O 20686	By Arr		5.0 Hrs/Wk	ONLINE	WONG	08/16-12/19	OP	ON2

BUS 1B MANAGERIAL ACCOUNTING 4.0 Units

Examine how managers use accounting information in decision-making, planning, directing, operating, and controlling. Emphasis on cost terms and concepts, cost structure, cost behavior, cost-volume-profit analysis, profit planning, budgeting, budgetary controls, cost controls, accounting for manufacturing costs and ethics.

Prerequisite: Bus 1A (completed with a grade of "C" or higher).

D 20392	Lec	MW	8:30 10:20	301	BHANGAL	08/16-12/19	OP	001
O 20782	By Arr		8.0 Hrs/Wk	ONLINE	WONG	10/16-12/19	OP	EN1
O 22984	Lec	TR	10:30 11:45	301	WONG	08/16-12/19	OP	H01
O 20687	By Arr		8.0 Hrs/Wk	ONLINE	WONG	08/16-12/19	OP	ON1

BUS 3 TAXATION OF INDIVIDUALS 3.0 Units

Preparation of Federal and California income tax returns for individuals through the absorption and application of income tax law, theory, practice. Completion of various tax forms, including Form 1040 (Individual), Schedules A (Itemized Deductions), B (Interest and Dividends), C (Profit or Loss from a Business), and D (Capital Gains and Losses). Other topics include depreciation, tax credits, tax planning, and tax research.

O 20400	By Arr		3.0 Hrs/Wk	ONLINE	HUNTING	08/16-12/19	OP	ON1

BUS 4 COST ACCOUNTING 3.0 Units

Principles of cost build up and techniques for gathering cost, cost control, job order, and process costing, managerial use of cost data, emphasis on application of principles. **Prerequisite: Business 1B (completed with a grade of "C" or higher).**

O 21961	By Arr		3.0 Hrs/Wk	ONLINE	HUNTING	08/16-12/19	GR	ON1

BUS 7 ACCOUNTING FOR SMALL BUSINESS 3.0 Units

Bookkeeping practices and accounting cycle for service and merchandising sole proprietorship. Double-accounting entry system (debits and credits), books of original entry (journals), ledgers, adjusting and closing entries, income statement, balance sheets, and statement of owner's equity, cash, banking activities, payroll, special journals, merchandising firms.

D 20401	Lec	Mon	10:30 12:20	1607	KALYAGIN	08/16-12/19	OP	001
	Lec	Wed	10:30 11:20	1607			OP	
	Lab	Wed	11:30 12:20	1607			OP	
O 22189	By Arr		4.8 Hrs/Wk	HYBRID	KALYAGIN	09/05-12/19	OP	EH1
O 20744	By Arr		4.0 Hrs/Wk	ONLINE	KLEIN	08/16-12/19	OP	ON1
O 20850	Lec	Tue	6:00 8:50	1607	KLEIN	09/05-12/19	OP	E71

BUS 8 PAYROLL ACCOUNTING 3.0 Units

The laws, principles and procedures of payroll accounting in both manual and computerized environments. Concepts covered include preparation of payroll records and reports; payroll law and practices; computation of taxes, including Social Security, federal income tax, state income taxes, and unemployment taxes and voluntary withholdings. **Strongly recommended: Business 1A or Business 7 or equivalent.**

O 20745	By Arr		3.0 Hrs/Wk	ONLINE	BHANGAL	08/16-12/19	OP	ON1

FALL 2017

BUS 10 BUSINESS LAW 4.0 Units

Legal setting in which business operates, with emphasis on legal reasoning and resolution, contracts, agency, partnerships and corporations.

- D 20393 Lec TR 10:30 11:45 1608 RUIZ 08/16-12/19 GR H01
By Arr 1.0 Hrs/Wk HYBRID GR
BUS 10-H01 is a hybrid course with 3.0 hours in the classroom and 1.0 hours conducted over the Internet. For important additional information, go to <http://chabotcollege.edu/online>
- D 20746 Lec TR 1:00 2:15 1613 RUIZ 08/16-12/19 GR H02
By Arr 1.0 Hrs/Wk HYBRID GR
BUS 10-H02 is a hybrid course with 3.0 hours in the classroom and 1.0 hours conducted over the Internet. For important additional information, go to <http://chabotcollege.edu/online>
- E 21179 Lec Wed 6:00 8:50 1613 PATTERSON 08/16-10/15 GR EH7
By Arr 5.0 Hrs/Wk HYBRID GR
BUS 10-EH7 is a 8-week hybrid course with a portion of the class taught online. For important additional information, go to <http://chabotcollege.edu/online>
- O 21960 By Arr 4.8 Hrs/Wk ONLINE NOVAK 09/05-12/19 GR EN1
BUS 10-EN1 is a late-start online course, with no required on-campus meetings. For important additional information, go to <http://www.chabotcollege.edu/online>
- O 20688 By Arr 4.8 Hrs/Wk ONLINE NOVAK 09/05-12/19 GR EN2
BUS 10-EN2 is a late-start online course, with no required on-campus meetings. For important additional information, go to <http://www.chabotcollege.edu/online>
- O 20513 By Arr 4.0 Hrs/Wk ONLINE RUIZ 08/16-12/19 GR ON1
- O 20783 By Arr 4.0 Hrs/Wk ONLINE RUIZ 08/16-12/19 GR ON2
BUS 10-ON1/ON2 are online courses, with no required on-campus meetings. For important additional information, go to <http://www.chabotcollege.edu/online>

BUS 11 GOVERNMENTAL & NONPROFIT ACCTG 3.0 Units

A study of accounting, budgeting, auditing, fiscal procedures and financial records of governmental agencies such as state, county and municipal governments, as well as universities and colleges, hospitals, and certain nonprofit organizations.

Prerequisite: BUS 1A (completed with a grade of "C" or higher) or BUS 7 (completed with a grade of "C" or higher).

- O 20861 By Arr 3.6 Hrs/Wk ONLINE Staff - Ap 09/05-12/19 OP EN1
BUS 11-EN1 is an online course, with one required on-campus final exam. A student must choose one of the following meetings: Saturday, December 16, 10 am - 12 pm in room 405 or Monday, December 18, 6-8 pm in room 405. For important additional information, go to <http://www.chabotcollege.edu/online>

BUS 12 INTRO TO BUSINESS 3.0 Units

Survey of the private enterprise system and basic business concepts, business economics, types of business ownership, ethics, globalization, and organizational functions (management, marketing, accounting, and finance).

Student must have an email account & internet access by the first day of class.

- D 20394 Lec MW 9:00 10:15 1609 PATTERSON 08/16-12/19 OP 001
- D 20395 Lec MW 10:30 11:45 1609 PATTERSON 08/16-12/19 OP 002
- D 20747 Lec TR 9:00 10:15 1613 YOO 08/16-12/19 OP 003
- D 23096 Lec MW 1:00 2:15 1609 COLON 08/16-12/19 OP 004

Student must have an email account & internet access by the first day of class.

- D 22643 Lec Tue 1:00 3:10 1607 COLON 09/05-12/19 OP EH1
By Arr 1.2 Hrs/Wk HYBRID OP
BUS 12-EH1 is a short term online hybrid course with 2.4 hours on campus plus 1.2 hours online each week. Student must have an email account & internet access by the first day of class. For important additional information, go to <http://www.chabotcollege.edu/online>
- D 20396 Lec TR 10:30 11:45 1613 KLEIN 08/16-12/19 OP FY1
This section is dedicated to our First Year Experience students. For pathway registration course numbers or information on the program, please visit us at www.chabotcollege.edu/FYE
- O 20748 By Arr 3.6 Hrs/Wk ONLINE HATTER 09/05-12/19 OP EN1
BUS 12-EN1 is a late-start online course starting on September 5, with no required on-campus meetings. For important additional information, go to <http://www.chabotcollege.edu/online>
- O 20399 By Arr 3.0 Hrs/Wk ONLINE PINKAS 08/16-12/19 OP ON1
- O 20836 By Arr 3.0 Hrs/Wk ONLINE PINKAS 08/16-12/19 OP ON2
BUS 12-ON1/ON2 are online courses with no required on-campus meetings. For important additional information, go to <http://www.chabotcollege.edu/online>

BUS 13 ADVANCED TOPICS IN ACCOUNTING 4.0 Units

Subject matters include current and long-term liabilities, stockholders' equity, investments, pension and post-retirement benefits, leases, revenue recognition, cash flow statements, and full disclosure in financial reporting.

- O 22195 By Arr 4.8 Hrs/Wk ONLINE BHANGAL 09/05-12/19 OP EN1
BUS 13-EN1 is a late start online course with no required on-campus meetings. For important additional information, go to <http://www.chabotcollege.edu/online>

BUS 14 BUSINESS COMMUNICATIONS 3.0 Units

Theory and application of written and oral communications in a professional business environment: organization of messages, editing for tone and polish, presentation techniques, meeting management, job search communications.

Strongly recommended: Eligibility for English 1A.

- D 20402 Lec TR 10:30 11:45 1607 PATTERSON 08/16-12/19 GR H01
By Arr 1.0 Hrs/Wk HYBRID GR
BUS 14-H71 is partially taught on-line (3.0 hrs classroom + 1.0 hr online each week). For important additional information, go to <http://www.chabotcollege.edu/online>
- O 20403 By Arr 4.0 Hrs/Wk ONLINE PATTERSON 08/16-12/19 GR ON1
BUS 14-ON1 is an online course with no required on-campus meetings. For important additional information, go to <http://www.chabotcollege.edu/online>

BUS 16 BUSINESS MATHEMATICS 3.0 Units

Mathematics to solve typical business problems including simple interest, compound interest, installment sales, trade and cash discounts, markup percents, pricing, discounting notes and drafts, depreciation, taxes, insurance, statistics, stocks, bonds, and distribution of ownership and profits.

- O 20404 By Arr 3.0 Hrs/Wk ONLINE PINKAS 08/16-12/19 OP ON1
BUS 16-ON1 is an online course, with no required on-campus meetings. For important additional information, go to <http://www.chabotcollege.edu/online>

BUS 20 LAW AND SOCIETY 3.0 Units

Introduction to the American legal system, including both theoretical and practical perspectives on the relationship of law to individuals and society. Includes the U.S. Constitution, criminal law system, civil dispute resolution, consumer rights interpersonal and property rights, and the laws of the workplace.

If you are a Business major, take Business 10 instead of this course.

- O 22190 By Arr 3.5 Hrs/Wk ONLINE NOVAK 09/05-12/19 GR EN1
BUS 20-EN1 is a late start online course with no required on-campus meetings. For important additional information, go to <http://www.chabotcollege.edu/online>

BUS 21 HUMAN RESOURCE MANAGEMENT 3.0 Units

Introduction to the management of human resources. The impact and accountability of human resources to the organization. Global human resource strategies, social and organizational realities, legal implications affecting people at work, union/non-union practices, comparable work, employee compensation, benefits, and employee rights.

Student must have an email account & internet access by the first day of class.

- D 20405 Lec TR 9:00 10:15 301 PINKAS 08/16-12/19 OP 001

BUS 22 INTRO TO MANAGEMENT 3.0 Units

Principles and concepts of traditional management tasks, contemporary management challenges related to such topics as people, diversity, quality, social responsibility and ethics, the global environment, production management, information technology, competitiveness and innovation, building alternative work situations and the internet.

- D 20749 Lec TR 9:00 10:15 1608 RUIZ 08/16-12/19 OP 001
- O 20406 By Arr 3.0 Hrs/Wk ONLINE KLEIN 08/16-12/19 OP ON1
BUS 22-ON1 is an online course, with no required on-campus meetings. For important additional information, go to <http://www.chabotcollege.edu/online>

BUS 34 INTRO TO ADVERTISING 3.0 Units

Contributions of advertising to marketing and communication, including coordination and development of sales promotion programs, media selection, copy writing, research and budgeting.

- O 20750 By Arr 3.6 Hrs/Wk ONLINE PINKAS 09/05-12/19 GR EN1
BUS 34-EN1 is a late start online course starting on September 5, with no required on-campus meetings. For important additional information, go to <http://www.chabotcollege.edu/online>

BUS 36 INTRO TO MARKETING 3.0 Units

Survey of marketing, including consumer behavior, company and environmental analysis, market segmentation, product development, pricing, promotion, and distribution.

Students must have an email account & internet access by the first day of class.

- D 21446 Lec TR 10:30 11:45 1609 PINKAS 08/16-12/19 GR 001
- O 20779 By Arr 3.0 Hrs/Wk ONLINE PINKAS 08/16-12/19 GR ON1
BUS 36-ON1 is an online course, with no required on-campus meetings. For important additional information, go to <http://www.chabotcollege.edu/online>

BUS 40 INTERNATIONAL BUSINESS 3.0 Units

Exploration of major factors involved in developing international trade. An overview of globalization, its impact on both Western and non-Western societies, theories of global trade, monetary environment, foreign market analysis, sociocultural forces, global ethics, global political and economic institutions, and international operations. Emphasis on current events in the global business environment.

O 20689 By Arr 3.6 Hrs/Wk ONLINE LALAMI 09/05-12/19 OP EN1
BUS 40-EN1 is a late start online course, starting September 5, with no required on-campus meetings. For important additional information, go to <http://www.chabotcollege.edu/online>

BUS 43 PERSONAL FINANCIAL PLANNING 3.0 Units

Focuses on the time value of money, budgeting, use of credit, investing, taxation of personal income and assets, types of insurance and risk management, health care planning, retirement planning and estate planning.

O 22647 By Arr 3.6 Hrs/Wk ONLINE HOM 09/05-12/19 OP EN1
BUS 43-EN1 is a late start online course starting on September 5, with no required on-campus meetings For important additional information, go to <http://www.chabotcollege.edu/online>

BUS 44 INTRODUCTION TO INVESTMENTS 4.0 Units

Application of investment principles and guidelines, including the various types of investments and asset classes. Securities markets, individual portfolio planning, basic risk and return considerations and basic investment alternatives, fundamental analysis, and an overview of technical analysis. Course includes basic calculations of the time value of money and financial ratios. **Strongly recommended: eligibility for Mathematics 65. May not receive credit if Business 81 has been completed.**

D 22990 Lec Thu 1:00 2:50 1607 COLON 09/05-12/19 GR EH1
 By Arr 3.4 Hrs/Wk HYBRID GR
Bus 44-H01 is partially taught on-line (2.0 hrs classroom + 3.4 hrs online each week). For important additional information, go to <http://www.chabotcollege.edu/online>

BUS 50C INTERVIEWING FOR SUCCESS 1.0 Units

Principles and techniques of successful employment interviews: interview preparation, selling your qualifications, managing difficult qualifications, following up on the interview.

O 20784 By Arr 3.0 Hrs/Wk ONLINE LALAMI 10/02-11/11 OP EN1
BUS 50C-EN1 is an online course, with no required on-campus meetings. For important additional information, go to <http://www.chabotcollege.edu/online>

BUS 50D RESUMES AND JOB APPL LETTERS 1.0 Units

Research and preparation of persuasive employment search documents, including company research, self-assessment, document composition and format. Includes resumes, job application letters, and follow up communications.

O 22196 By Arr 3.0 Hrs/Wk ONLINE DERMODY 10/02-11/11 OP EN1
BUS 50D-EN1 is an online course with no required on-campus meetings. For important additional information, go to <http://www.chabotcollege.edu/online>

BUS 50J TIME MANAGEMENT SKILLS 1.0 Units

Practical tips and tools to manage time in academic and business-related situations. Setting short-term and long-term goals. Prioritization of goals and activities. Developing plans; organizing your workplace. Typical time wasters/time leaks, including procrastination, and ways of overcoming them.

O 21963 By Arr 3.0 Hrs/Wk ONLINE SILVA-WILKI 10/02-11/11 OP EN1
BUS 50J-EN1 is a late start online course, with no required on-campus meetings. For important additional information, go to <http://www.chabotcollege.edu/online>

BUS 50K LISTENING SKILLS 1.0 Units

Examination of listening styles and skill development for the business environment. Includes exploration of the benefits of listening, listening attitudes, and tips for improving listening.

O 22197 By Arr 3.5 Hrs/Wk ONLINE IANNIELLO 11/13-12/19 OP EN1
BUS 50K-EN1 is an online course with no required on-campus meetings. For important additional information, go to <http://www.chabotcollege.edu/online>

BUS 50L CAREERS IN BUSINESS 1.0 Units

Exploration of the wide variety of potential careers in business, and the educational preparation appropriate for those careers.

O 20785 By Arr 3.5 Hrs/Wk ONLINE LALAMI 11/13-12/19 OP EN1
BUS 50L-EN1 is an online course, with no required on-campus meetings. For important additional information, go to <http://www.chabotcollege.edu/online>

BUS 50P QUALITY CUSTOMER SERVICE 1.0 Units

Techniques and tools to understand customer expectations, and to exceed those expectations. Includes analysis of customer needs, delivery of quality customer service, and dealing with challenging customers to win customer loyalty.

O 20854 By Arr 3.5 Hrs/Wk ONLINE LALAMI 11/13-12/19 OP EN1
BUS 50P-EN1 is a short-term online course with no required on-campus meetings. For important additional information, go to <http://chabotcollege.edu/online>

BUS 70 HEALTH CARE FINANCIAL MGMT 3.0 Units

Overview of finance and accounting in health care organizations, including the financial structure of both for profit and non-profit healthcare organizations. Particular emphasis on private and third party payment systems, reporting requirements, accounts receivable management, budgeting, and resource allocation. **Strongly recommended: Business 7.**

O 22991 By Arr 3.5 Hrs/Wk ONLINE LEADBEATER 09/05-12/19 OP EN1
BUS 70-EN1 is a late-start online course, with no required on-campus meetings. For important additional information, go to <http://www.chabotcollege.edu/online>

BUS 92 EXCEL SPREADSHEETS FOR ACCTG 2.0 Units

Fundamentals of using electronic spreadsheets (Microsoft Excel) for accounting principles. Focus on solving accounting problems and completing accounting projects with Microsoft Excel. **Strongly recommended: Business 1A or equivalent or BUS 7 or equivalent and Computer Application Systems 54A.**

O 20857 By Arr 3.0 Hrs/Wk ONLINE BHANGAL 08/16-12/19 OP ON1
BUS 92-ON1 is an online course, with no required on-campus meetings. For important additional information, go to <http://www.chabotcollege.edu/online>

BUS 93 QUICKBOOKS 2.0 Units

QuickBooks introduces the concepts of bookkeeping/accounting using the theory of double-entry bookkeeping. Learn to use the QuickBooks software for a set up, service business and merchandising business. Setting up chart of accounts, accounts receivable, accounts payable, inventory, payroll and preparation and analysis of financial statements. **Strongly recommended: Business 1A, Business 7 or equivalent.**

O 20856 By Arr 3.0 Hrs/Wk ONLINE DORSETT 08/16-12/19 OP ON1
BUS 93-ON1 is an online course, with no required on-campus meetings. For important additional information, go to <http://www.chabotcollege.edu/online>

BUS 95 BUSINESS WORK EXPERIENCE 3.0 Units

College supervised on-the-job training for work in a business related occupation. Through the cooperation of the work supervisor, contract to accomplish new learning objectives or broaden experiences in the work field. **Corequisite: Business 96.**

D 20415 By Arr 15.0 Hrs/Wk TBA HATTER 08/16-12/19 OP 001

BUS 96 BUSINESS WK EXPERIENCE SEMINAR 1.0 Units

Focal point for the coordination of curriculum with college supervised part-time or full-time employment in major field. Case studies, job related problems, student cases and presentations, and material related to employment, organizations and management. **Corequisite: Business 95.**

O 20416 By Arr 1.0 Hrs/Wk ONLINE HATTER 08/16-12/19 OP ON1
BUS 96-ON1 is an online course with no required on-campus meetings. For important additional information, go to <http://www.chabotcollege.edu/online>

FALL 2017

CHEMISTRY**CHEM 1A GENERAL COLLEGE CHEMISTRY I 5.0 Units**

Introduction to atomic structure, bonding, stoichiometry, thermochemistry, gases, matter and energy, oxidation-reduction, chemical equations, liquids and solids, solutions, chemical energetics and equilibrium. Laboratory includes both quantitative and qualitative experiments. **Prerequisites: Mathematics 55 or 55B and Chemistry 31 (all courses completed with a grade of "C" or higher). The Chemistry 31 prerequisite can be fulfilled by demonstrating the appropriate skill level in the Chemistry Placement Process.**

D 20341	Lec	MW	7:30 8:45	1906	DOCKTER	08/16-12/19	GR	001
	Lab	MW	9:00 11:50	3903			GR	
D 20048	Lec	TR	7:40 8:55	1906	MC OMBER	08/16-12/19	GR	002
	Lab	TR	9:00 11:50	3903			GR	
D 20049	Lec	MW	12:00 1:15	3924	STANTON	08/16-12/19	GR	003
	Lab	MW	1:30 4:20	3903			GR	
D 20422	Lec	TR	1:00 2:15	1705	SCHLEGEL	08/16-12/19	GR	004
	Lab	TR	2:30 5:20	3903			GR	
D 22646	Lec	TR	1:15 2:30	1906	EKANAYAKE	08/16-12/19	GR	005
	Lab	TR	2:40 5:30	3901			GR	
E 20703	Lec	MW	5:30 6:45	1906	DUDZIK	08/16-12/19	GR	071
	Lab	MW	7:00 9:50	3903			GR	

CHEM 1B GENERAL COLLEGE CHEMISTRY II 5.0 Units

Continuation of Chemistry 1A. Includes chemical energetics and equilibria, solutions and ionic equilibria, acid-base chemistry, electrochemistry, coordination chemistry, kinetics, nuclear chemistry, organic chemistry, and the chemistry of family groups of the periodic table. Laboratory emphasizes quantitative techniques, including instrumentation, and qualitative analysis.

Prerequisite: Chemistry 1A (completed with a grade of "C" or higher).

D 21192	Lec	TR	7:30 8:45	3922	SAWHNEY	08/16-12/19	GR	001
	Lab	TR	9:00 11:50	3923			GR	
E 20342	Lec	MW	5:30 6:45	3932	CHANG	08/16-12/19	GR	071
	Lab	MW	7:00 9:50	3923			GR	

CHEM 10 INTRODUCTION TO CHEMISTRY 4.0 Units

A non-mathematical survey of the basic concepts of chemistry designed for non-science majors. Basic structure, properties and reactivity of matter and energy as they relate to our environmental nutrition, material science and other current topics. **May not be taken for credit if Chemistry 1A or Chemistry 31 has been completed.**

O 20306	Lab	Mon	5:30 8:20	3901	GIBSON	08/16-12/19	OP	H01
		By Arr	3.0 Hrs/Wk		HYBRID		OP	

This section is an online hybrid course with required on-campus class meetings. For important additional information, go to <http://www.chabotcollege.edu/online>

CHEM 12A ORGANIC CHEMISTRY I 5.0 Units

Hydrocarbons, alkyl halides, alcohols, ethers, and an introduction to aromatic hydrocarbons. Structure, bonding, stereochemistry, conformational analysis, nomenclature, and physical properties in relation to these particular groups of compounds. Emphasis on reactivity and reaction mechanisms. Laboratory work includes microscale, macroscale, spectroscopic, and chromatographic techniques. Chemistry 12A is the first semester in a year-long course in organic chemistry designed for students majoring in chemistry and related disciplines.

Prerequisite: Chemistry 1B (completed with a grade of "C" or higher).

D 20047	Lec	MW	8:00 9:15	3932	PITCHER	08/16-12/19	GR	001
	Lab	Mon	9:20 10:25	3931			GR	
	Lab	Tue	7:30 12:00	3931			GR	
D 20425	Lec	MW	8:00 9:15	3932	PITCHER	08/16-12/19	GR	002
	Lab	Wed	9:20 10:25	3931			GR	
	Lab	Thu	7:30 12:00	3931			GR	
D 20587	Lec	MW	1:00 2:15	1906	WELLS	08/16-12/19	GR	003
	Lab	Mon	2:20 3:25	1906			GR	
	Lab	Tue	1:00 5:30	3931			GR	
D 21191	Lec	MW	1:00 2:15	1906	WELLS	08/16-12/19	GR	004
	Lab	Wed	2:20 3:25	3931			GR	
	Lab	Fri	8:00 12:30	3931			GR	

CHEM 30A INTRO AND APPLIED CHEMISTRY I 4.0 Units

Chemistry of inorganic compounds, atomic theory, bonding, equations, gas laws, solutions, acid-base theory and oxidation-reduction. Designed to meet the requirements of certain programs in allied health and technological fields and for general education. **Prerequisite: MTH 65 or MTH 65B or MTH 65L or MTH 53 or MTH 53B (completed with a grade of C or higher).**

D 20050	Lec	MW	8:00 9:15	1904	SAWHNEY	08/16-12/19	GR	001
	Lab	Mon	9:30 12:20	3929			GR	
D 20051	Lec	MW	8:00 9:15	1904	SAWHNEY	08/16-12/19	GR	002
	Lab	Wed	9:30 12:20	3929			GR	
D 20052	Lec	TR	7:30 8:45	1801	SHARMA	08/16-12/19	GR	003
	Lab	Tue	9:00 11:50	3929			GR	
D 20343	Lec	TR	7:30 8:45	1801	SHARMA	08/16-12/19	GR	004
	Lab	Thu	9:00 11:50	3929			GR	
D 20620	Lec	TR	10:45 12:00	1906	BHATIA	08/16-12/19	GR	005
	Lab	Tue	1:15 4:05	3929			GR	
D 21554	Lec	TR	10:45 12:00	1906	BHATIA	08/16-12/19	GR	006
	Lab	Thu	1:15 4:05	3929			GR	
E 20053	Lec	MW	5:30 6:45	1801	ARNAIZ	08/16-12/19	GR	071
	Lab	Mon	6:50 9:40	3929			GR	
E 20526	Lec	MW	5:30 6:45	1801	ARNAIZ	08/16-12/19	GR	072
	Lab	Wed	6:50 9:40	3929			GR	

CHEM 30B INTRO AND APPLIED CHEMISTRY II 4.0 Units

Continuation of Chemistry 30A with emphasis on organic and biochemical concepts related to human physiological systems. **Prerequisite: Chemistry 30A (completed with a grade of "C" or higher).**

D 20269	Lec	MW	7:30 8:45	1801	Staff - Sc	08/16-12/19	GR	001
	Lab	Mon	9:00 11:50	3901			GR	
D 21120	Lec	MW	7:30 8:45	1801	Staff - Sc	08/16-12/19	GR	002
	Lab	Wed	9:00 11:50	3901			GR	

CHEM 31 INTRO TO COLLEGE CHEMISTRY 4.0 Units

Elementary concepts of chemistry with emphasis on mathematical calculations; includes nomenclature, stoichiometry, atomic structure, gas laws, and acids and bases. Designed for majors in science and engineering. **Prerequisite: Mathematics 55 or 55B (completed with a grade of "C" or higher).**

D 20054	Lec	MW	8:30 9:45	1802	GIBSON	08/16-12/19	OP	001
	Lab	Mon	10:00 12:50	3921			OP	
D 20055	Lec	MW	8:30 9:45	1802	GIBSON	08/16-12/19	OP	002
	Lab	Wed	10:00 12:50	3921			OP	
D 20056	Lec	TR	1:00 2:15	1801	JOSHI	08/16-12/19	OP	003
	Lab	Tue	2:30 5:20	3921			OP	
D 20787	Lec	TR	1:00 2:15	1801	JOSHI	08/16-12/19	OP	004
	Lab	Thu	2:40 5:30	3921			OP	
E 20057	Lec	TR	5:30 6:45	1802	Staff - Sc	08/16-12/19	OP	071
	Lab	Tue	6:50 9:40	3921			OP	
E 21555	Lec	TR	5:30 6:45	1802	Staff - Sc	08/16-12/19	OP	072
	Lab	Thu	6:50 9:40	3921			OP	

CHINESE**CHIN 1A BEGINNING CHINESE 5.0 Units**

Introduction to the Chinese culture of the world featuring the study and practice of the four language skills (listening, speaking, reading, and writing) of Mandarin Chinese. **Strongly recommended: Eligibility for English 1A.**

D 22572	Lec	Wed	4:00 6:50	356	CHEN	08/16-12/19	OP	H01
	Lab	By Arr	1.0 Hrs/Wk		HYBRID		OP	

CHIN 1A-H01 is a hybrid course conducted both on-campus (50%) and over the Internet (50%). The class will meet on Wednesdays 4:00-6:50 pm. The first class meeting will include orientation for the online portion of the course. Please note: students who do not attend the first meeting could be dropped from the class. Students must have an email account and Internet access before the first meeting. To begin, go to <http://www.chabotcollege.edu/online> and click the course website.

COMMUNICATION STUDIES

COMM 1 FUNDAMENTALS OF SPEECH COMM 3.0 Units

Emphasis on developing, stating, organizing, and researching ideas, and presenting to an audience. **Strongly recommended: Eligibility for English 1A.**

CRN	Type	Day(s)	Times	Room	Instructor	Dates	Code	Sec
D 20885	Lec	TR	10:30 11:45	357	AMES	08/16-12/19	OP	CIN
<i>This course is open to all students. This class is part of the CIN! (Change it Now!) Learning Community. CIN! is a year-long, accelerated writing and leadership program designed to empower students interested in social change, who would also like to transfer to four-year colleges and universities. Students enrolled in the program self-select various community issues to explore such as: education, health care, budget cuts, environmental issues, poverty, violence and any other issues that they find relevant to their lives. CIN! students build strong relationships with each other and develop skills to become leaders in their communities. For more information including all Pathway course registration numbers, see our website www.chabotcollege.edu/CIN. CIN! Student Orientation will be held on Friday, August 25, 2017 from 10am-2pm on the Chabot campus. Attendance is required. CIN! staff will contact you in July/August with more details for the event.</i>								
D 20893	Lec	TR	3:00 4:15	805	MARTINEZ	08/16-12/19	OP	DAR
<i>COMM 1-DAR is part of the DARAJA Project. As a condition of enrollment, students will be required to sign an agreement to conform to program requirements. Students will be required to participate in all course and program activities. For more information, call 510-723-6747 or visit http://www.chabotcollege.edu/daraja/. "Students enrolled in Daraja must attend the Daraja Study Space, Mondays and Wednesdays from 12:30-2. Please make time in your schedule."</i>								
D 21008	Lec	MW	9:00 10:15	811	Staff - Fi	08/16-12/19	OP	001
D 20883	Lec	MW	9:00 10:15	810	Staff - Fi	08/16-12/19	OP	002
D 22872	Lec	MW	9:00 10:15	510	Staff - Fi	08/16-12/19	OP	003
D 22873	Lec	MW	10:30 11:45	811	Staff - Fi	08/16-12/19	OP	004
D 21440	Lec	MW	10:30 11:45	810	Staff - Fi	08/16-12/19	OP	005
D 22768	Lec	MW	10:30 11:45	1801	Staff - Fi	08/16-12/19	OP	006
D 22881	Lec	MW	1:00 2:15	861	Staff - Fi	08/16-12/19	OP	007
D 21441	Lec	MW	1:30 2:45	801	Staff - Fi	08/16-12/19	OP	008
D 20993	Lec	MW	3:00 4:15	802	Staff - Fi	08/16-12/19	OP	009
D 20887	Lec	TR	7:30 8:45	807	Staff - Fi	08/16-12/19	OP	010
D 20888	Lec	TR	9:00 10:15	810	Staff - Fi	08/16-12/19	OP	011
D 20890	Lec	TR	9:00 10:15	801	Staff - Fi	08/16-12/19	OP	012
D 20884	Lec	TR	9:00 10:15	857	Staff - Fi	08/16-12/19	OP	013
D 20892	Lec	TR	10:30 11:45	1803	Staff - Fi	08/16-12/19	OP	014
D 21642	Lec	TR	12:00 1:15	510	Staff - Fi	08/16-12/19	OP	015
D 20895	Lec	TR	1:00 2:15	852	AMES	08/16-12/19	OP	016
D 20886	Lec	Wed	12:00 2:50	810	Staff - Fi	08/16-12/19	OP	019
D 20896	Lec	Fri	9:00 11:50	801	Staff - Fi	08/16-12/19	OP	020
D 22765	Lec	Fri	9:00 11:50	802	Staff - Fi	08/16-12/19	OP	021
D 22766	Lec	Fri	9:00 11:50	811	Staff - Fi	08/16-12/19	OP	022
D 20899	Lec	TR	1:00 4:10	851	Staff - Fi	08/16-10/11	OP	E01
D 20894	Lec	TR	1:00 4:10	854	Staff - Fi	10/16-12/12	OP	E02
E 21442	Lec	MW	4:30 5:45	811	Staff - Fi	08/16-12/19	OP	071
E 20897	Lec	Mon	6:30 9:20	853	Staff - Fi	08/16-12/19	OP	072
E 21414	Lec	Tue	6:30 9:20	810	Staff - Fi	08/16-12/19	OP	073
E 20898	Lec	Wed	6:30 9:20	811	Staff - Fi	08/16-12/19	OP	074
E 20891	Lec	TR	4:30 5:45	802	Staff - Fi	08/16-12/19	OP	075
E 20874	Lec	Mon	6:30 9:20	801	DAVIS	08/16-12/19	OP	0P1

This is a PACE Course. Only PACE students may enroll in this class until 7/5. From 7/6, any student may enroll in remaining open spaces. For information on the PACE Program, go to <http://www.chabotcollege.edu/PACE>

O 21240	By Arr	3.0 Hrs/Wk	HYBRID	Staff - Fi		08/16-12/19	OP	H01
<i>This is a hybrid course with six on-campus meetings. This course meets face to face in Building 800, Room 807 from 9:00 a.m. to 12:50 p.m. on the following Saturdays: August 19, September 16, October 7, October 21, November 4, and December 2.</i>								
O 21966	By Arr	3.0 Hrs/Wk	HYBRID	Staff - Fi		08/16-12/19	OP	H02
<i>This is a hybrid course with six on-campus meetings. This course meets face to face in Building 800, Room 807 from 9:00 a.m. to 12:50 p.m. on the following Fridays: August 18, September 15, October 6, October 20, November 3, and December 1.</i>								

COMM 2 ORAL INTERPRETATION OF LITERAT 3.0 Units

Exploration of historically influential activist performances and contemporary performance art/installation pieces. Development of an understanding of basic interdisciplinary performance theories from everyday life, ritual, and on-stage. Emphasis on creating, discussing, and observing performances as tools for social critique.

D 23338	Lec	TR	1:00 2:15	3932	Staff - Fi	08/16-12/19	GR	001
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COMM 10 INTERPERSONAL COMMUNICATION 3.0 Units

Exploration, discussion, and evaluation of the components of verbal and nonverbal communication processes. **Strongly recommended: Eligibility for English 1A or 52A.**

D 20900	Lec	MW	10:30 11:45	801	MARTINEZ	08/16-12/19	OP	001
E 21923	Lec	Thu	6:30 9:20	802	Staff - Fi	08/16-12/19	OP	071

COMM 11 INTERCULTURAL COMMUNICATION 3.0 Units

Intercultural communication, with a focus on the analysis and comparisons of message perception and transmission in interactions between people from different cultures. Particular attention to values and meanings reflected in American culture, specifically the crisscrossing dynamics of race, ethnicity, gender, and class. Emphasis on practical application of skills for effective communication between people of different domestic and international cultures.

D 20901	Lec	MW	12:00 1:15	552	MARTINEZ	08/16-12/19	OP	001
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COMM 20 PERSUASION AND COMMUNICATION 3.0 Units

Investigation and development of persuasive techniques, strategies, and theories throughout ancient and modern times. Topics will include rhetoric, propaganda, and formal/informal argumentation. Emphasis on the creation, techniques, and analysis of persuasive speaking. **Strongly recommended: English 1A and Communication Studies 1.**

D 21413	Lec	MW	1:30 2:45	802	AMES	08/16-12/19	GR	001
D 22153	Lec	TR	9:00 10:15	811	Staff - Fi	08/16-12/19	GR	002

COMM 46 ARGUMENTATION & DEBATE 3.0 Units

Analysis of contemporary questions through written and spoken discourse.

Analysis, criticism and synthesis of contemporary moral, political, economic and philosophical issues of a diverse, multicultural society, using traditional and modern models of argumentation. **Strongly recommended: English 1A.**

D 20902	Lec	MW	10:30 11:45	802	AMES	08/16-12/19	OP	001
D 21443	Lec	MW	3:00 4:15	801	TODD	08/16-12/19	OP	002
D 20903	Lec	TR	10:30 11:45	801	TODD	08/16-12/19	OP	003
D 21444	Lec	TR	2:30 3:45	801	Staff - Fi	08/16-12/19	OP	004

COMM 48 ACTIVITIES IN FORENSICS 1.0-4.0 Units

Intercollegiate competition in the areas of public speaking, debate, and oral interpretation. Other activities include performance in workshops, festivals, concert readings and the community.

D 20904	Lab	Tue	2:30 4:20	810	TODD	08/16-12/19	GR	001
								GR

As a condition of enrollment for this class, students will be required to sign an agreement to conform to a code of conduct.

COMM 50 INTRO TO COMMUNICATION STUDIES 3.0 Units

A survey of the discipline of Communication Studies with emphasis on multiple epistemological, theoretical, and methodological issues relevant to the systematic inquiry and pursuit of knowledge about human communication. This course explores basic history, assumptions, principles, processes, variables, methods, and specializations of human communication as an academic field of study.

Strongly recommended: Eligibility for English 1A.

D 21412	Lec	MW	12:00 1:15	802	AMES	08/16-12/19	OP	001
D 23219	Lec	TR	10:30 11:45	810	Staff - Fi	08/16-12/19	OP	002

COMM 70A INTRO TO COMM. TUTOR TRAINING 2.0 Units

An introduction to tutor training for the Communication Laboratory. Through lecture and hands-on tutoring experience students will demonstrate lab procedure, tutor strategies, and knowledge of basic components of public speaking. **Prerequisite: COMM 1 or, COMM 2A or, COMM 10 or, COMM 20 or, COMM 46 or COMM 50 (completed with a grade of "C" or higher) and instructor recommendation required.**

D 21635	Lec	Tue	12:00 12:50	803	MARTINEZ	08/16-12/19	P/N	001
								P/N

COMM 70B EXPER. COMM TUTOR TRAINING 2.0-3.0 Units

Tutor training for the Communication Laboratory. Through lecture and hands-on tutoring, experienced tutors with at least one semester of lab experience will demonstrate lab procedure, tutor strategies, thorough knowledge of basic components of public speaking, and ability to role-model these skills for new tutors. **Prerequisite: COMM 70A (completed with a grade of "C" or higher).**

D 21941	Lec	Tue	12:00 12:50	803	MARTINEZ	08/16-12/19	P/N	001
								P/N

COMPUTER APPLICATION SYSTEMS

CAS 50 INTRO TO COMPUTER APPL SYSTEMS 3.0 Units

Introduction to computer applications systems as it relates to business and home use. Course introduces software topics in Microsoft Windows, Microsoft Office, internet, World Wide Web, electronic mail, file management, data communications and an introduction to basic computer programming. Hardware topics include PC system components and troubleshooting issues. Other topics include computer-based careers and trends, electronic computing issues, terminology, electronic communication skills, ethics, security, and netiquette in today's business computing environment.

D 20161 Lec MW 12:00 1:15 1611 KHAT 08/16-12/19 GR H01
By Arr 1.0 Hrs/Wk HYBRID GR

CAS 50-H01 requires one hour lab each week. The lab portion for this course will be online. Instructor will provide the information for the lab the first day of class.

D 20162 Lec TR 9:00 10:15 1611 LANDEROS 08/16-12/19 GR H02
By Arr 1.0 Hrs/Wk HYBRID GR

CAS 50-H02 requires one hour lab each week. The lab portion for this course will be online. Instructor will provide information for the lab on the first day of class.

D 22211 Lec MW 1:30 2:45 1611 KHAT 08/16-12/19 GR H03
By Arr 1.0 Hrs/Wk HYBRID GR

CAS 50-H03 requires one hour lab each week. The lab portion for this course will be online. Instructor will provide the information for the lab the first day of class.

D 23072 Lec TR 1:30 2:45 1611 GONDER 08/16-12/19 GR H04
By Arr 1.0 Hrs/Wk HYBRID GR

CAS 50-H03 requires one hour lab each week. The lab portion for this course will be online. Instructor will provide the information for the lab the first day of class.

O 20163 By Arr 4.0 Hrs/Wk ONLINE DERMODY 08/16-12/19 GR ON2

CAS 50-ON1/ON2 are online courses, with no required on-campus meetings. For important additional information, go to <http://www.chabotcollege.edu/online>

CAS 54 MICROSOFT EXCEL 3.0 Units

This course covers an in depth look at Microsoft Excel, a widely used spreadsheet application program that allows users to complete advanced mathematical formulas and functions, display information through graphs and charts with the use a microcomputer. Students will be prepared to take the Microsoft Certification Exams.

D 22824 Lec TR 10:30 11:45 1611 LANDEROS 08/16-12/19 OP H01
By Arr 1.0 Hrs/Wk HYBRID OP

CAS 54-H01 requires one hour lab each week. The lab portion for this course will be online. Instructor will provide the information for the lab the first day of class.

O 22825 By Arr 4.0 Hrs/Wk ONLINE OTOOLE 08/16-12/19 OP ON1

CAS 54A-ON1 is an online course, with no required on-campus meetings. For important additional information, go to <http://www.chabotcollege.edu/online>

CAS 58 INTRO TO MICROSOFT ACCESS 3.0 Units

Introduction to Microsoft Access, a computer program that is used to organize, store, and retrieve information. Understanding of data, file and database concepts using Microsoft Access for Windows with emphasis on business applications. Identify and evaluate client needs/ requirements and translate those needs into a working database application model. Integrate Access data with other Microsoft applications, such as Word and Excel. **Strongly recommended: Computer Application Systems 50 or CAS 72G.**

O 21603 By Arr 4.0 Hrs/Wk ONLINE KHAT 08/16-12/19 GR ON1

CAS 58-ON1 is an online class with no required on-campus meetings. For important additional information, go to <http://www.chabotcollege.edu/online>

CAS 71 KEYBOARDING & 10 KEY 3.0 Units

Students will master the touch operation on a computer keyboard and 10 key pad. Correct fingering by touch and good posturing techniques will be emphasized along with speed and accuracy. Students will use basic word processing functions on a variety of document types.

O 22728 By Arr 4.0 Hrs/Wk ONLINE KHAT 08/16-12/19 OP ON1

CAS 71-ON1 is an online course with no required on-campus meetings. For important additional information, go to <http://www.chabotcollege.edu/online>

CAS 74 INTRODUCTION TO LINUX/UNIX 3.0 Units

This course provides hands-on training of the Linux/Unix operating system. Topics include: installation, management, configuration, security, documentation, utilities, DOS, hacking and file protection on workstations in a LAN environment. **Strongly Recommended: CAS 50.**

O 22730 By Arr 5.0 Hrs/Wk ONLINE KHAT 08/16-12/19 OP ON1

CAS 74-ON1 is an online course with no required on-campus meetings. For important additional information, go to <http://www.chabotcollege.edu/online>

CAS 75 INTO TO CYBERSECURITY: HACKING 3.0 Units

This course introduces the network security specialist to the various methodologies for attacking a network. Students will be introduced to the concepts, principles, and techniques, supplemented by hands-on exercises, for attacking and disabling a network within the context of properly securing a network. The course will emphasize network attack methodologies with the emphasis on student use of network attack techniques and tools and appropriate defenses and countermeasures. Students will receive course content information through a variety of methods: lecture and demonstration of hacking tools will be used in addition to a virtual environment. Students will experience a hands-on practical approach to penetration testing measures and ethical hacking. **Strongly Recommended: CAS 92A.**

O 22731 By Arr 5.0 Hrs/Wk ONLINE GONDER 08/16-12/19 OP ON1

CAS 75-ON1 is an online course with no required on-campus meetings. For important additional information, go to <http://www.chabotcollege.edu/online>

CAS 85 CLOUD INFRASTRUCTURE & SERVICES 3.0 Units

This course covers the objectives of the CompTIA Cloud+ and EMC E20-002 Cloud Infrastructure and Services certification exams. Topic included are cloud deployment and service models, cloud infrastructure, and the key considerations in migrating to cloud computing, including compute, storage, networking, desktop and application virtualization. Additional areas of focus are backup/recovery, business continuity, security, and management. **Strongly Recommended: CAS 83 or , CAS 92A.**

O 23050 By Arr 5.0 Hrs/Wk ONLINE PHILLIPS 08/16-12/19 OP ON1

CAS 85-ON1 is an online course with no required on-campus meetings. For important additional information, go to <http://www.chabotcollege.edu/online>

CAS 88 MICROSOFT WORD 3.0 Units

This course covers Microsoft Word in depth, teaching word processing creation, editing, and advanced features adding functionality to electronic documents. This course will prepare a student to sit for the Microsoft MOS Certification Exam.

O 22732 By Arr 4.0 Hrs/Wk ONLINE OTOOLE 08/16-12/19 OP ON1

CAS 88-ON1 is an online course with no required on-campus meetings. For important additional information, go to <http://www.chabotcollege.edu/online>

CAS 92A INTRODUCTION TO NETWORKS 3.0 Units

This is the first course in the Cisco® Networking Academy. The course covers the basic fundamentals of networking. By the end of the course, students will be able to build simple Local Area Networks (LAN's), perform basic configurations for routers and switches and implement IP addressing schemes. **Strongly Recommended: CAS 50.**

O 22729 By Arr 5.0 Hrs/Wk ONLINE REYES 08/16-12/19 OP ON1

CAS 92A-ON1 is an online course with no required on-campus meetings. For important additional information, go to <http://www.chabotcollege.edu/online>

COMPUTER APPLICATION SYSTEMS

Want to become a Microsoft Certified Application Specialist (MCAS)? CAS offers training in courses that prepare students to take the Microsoft Certification Application Specialists (MCAS) exam.

Want to earn a Certificate? CAS programs allow students to gain valuable computer experience, update skills for immediate employment, or earn a certificate in Office Technology, Software Specialists, or Administrative Assistant.

Want to Earn a Degree? CAS offers an Associate in Science Degree in Administrative Assistant and Software Specialist.

CAS 100 ADAPTED COMPUTER KEYBOARDING 3.0 Units

Introduction to the correct keyboarding techniques and familiarity with the entire computer keyboard, including the number pad with emphasis on adaptive, one handed, and ergonomic keyboarding skills. This course is designed for students with disabilities.

D 20501	Lec	MW	2:30 3:20	303	Staff - Ap	08/16-12/19	P/N	001
	Lab	MW	3:30 4:45	303			P/N	

CAS 101 ADAPTED WORD PROCESSING 3.0 Units

Individualized adapted basic word processing techniques using specialized keyboarding commands, accessibility options, adapted keyboard and mouse hardware and software to produce letters, memos, reports, tables, and other documents. This course is designed for students with disabilities.

D 20502	Lec	TR	2:30 3:20	303	Staff - Ap	08/16-12/19	P/N	001
	Lab	TR	3:30 4:45	303			P/N	

CAS 102 INTRO TO ASSISTIVE TECHNOLOGY 1.0 Units

Self-paced lab course in assistive technology using screen reader, scan and read, speech recognition, and screen enlargement software programs. Designed for students with disabilities, based on their individual needs.

D 21118	Lab	MTW	8:00 8:50	2407	Staff - Ap	08/16-12/19	P/N	001
D 21119	Lab	MTWR	8:00 8:50	2407	Staff - Ap	08/16-12/19	P/N	002
	Lab	Thu	12:00 12:50	2407			P/N	
	Lab	Wed	6:00 6:50	2407			P/N	

COMPUTER SCIENCE

CSCI 7 INTRO COMP PROGRAM CONCEPTS 3.0 Units

Introduction to computer programming for non-science majors and for students requiring additional preparation before taking Computer Science 10 or Computer Science 14. Hardware, system software basics, the history of computing, basic computer operations, number systems, design of algorithms and programming constructs such as variables, expressions, input/output, decision-making, loops, functions and parameters.

D 20518	Lec	MW	12:00 1:15	1708	Staff - Sc	08/16-12/19	OP	001
	Lab	Mon	1:20 2:10	1708			OP	
E 22734	Lec	TR	6:40 7:55	1708	Staff - Sc	08/16-12/19	OP	071
	Lab	Thu	8:05 8:55	1708			OP	

CSCI 8 COMPUTER LITERACY 3.0 Units

Intro to computers including: Microsoft Windows, Microsoft Office, multimedia, using browsers and World Wide Web, types of computer software in use including programming languages, electronic mail, computer-based careers and trends, and other computing issues. No prior computer experience necessary. Recommended for students of any major who want to learn about computers and how to use them. Hands-on laboratory experience. **Strongly recommended: eligibility for Mathematics 65, 65A, or 65L. May not receive credit if Computer Application Systems 8 has been completed.**

E 20264	Lec	TR	7:00 8:05	1804	KANG	08/29-12/19	OP	E71
	Lab	TR	8:10 9:15	1804			OP	
O 20293	By Arr	4.0 Hrs/Wk	ONLINE	TRAUGOTT		08/16-12/19	OP	ON1
O 20534	By Arr	4.0 Hrs/Wk	ONLINE	TRAUGOTT		08/16-12/19	OP	ON2

CSCI 8-ON1/ON2 are online courses. Students must have an email account and Internet access before the first day of class. For important additional information, go to <http://www.chabotcollege.edu/online>

CSCI 14 INTRO/STRUCTURED PROGR IN C++ 4.0 Units

Intro to structured programming and problem solving using the C++ language. Problem solving techniques, algorithm design, testing and debugging techniques, and documentation standards. C++ syntax: elementary operators, data types, control structures, user-defined and library functions, basic input/output, sequential files, arrays and structs. Appropriate for students with little or no programming experience, but comfortable using computers with modern GUI operating systems. **Prerequisite: Mathematics 55, 55B, 55L, 54 or 54L (Completed with a grade of "C" or higher) or an appropriate skill level demonstrated through the Mathematics Assessment process, or Computer Science 7 (Completed with a grade of "C" or higher).**

D 21976	Lec	MW	3:00 4:15	1812	MEHL	08/16-12/19	GR	001
	Lab	MW	4:20 5:35	1812			GR	
D 22733	Lec	TR	9:20 10:35	1812	CONWAY	08/16-12/19	GR	002
	Lab	TR	10:40 11:55	1812			GR	

CSCI 14 (CONTINUED TOP OF NEXT COLUMN)

CSCI 14 (CONTINUED)

E 20202	Lec	MW	6:30 7:45	1812	JAIN	08/16-12/19	GR	071
	Lab	MW	7:55 9:10	1812			GR	
O 20200	Lec	Wed	1:00 2:50	1813	WONG	08/16-12/19	GR	H01
	Lab	Wed	2:55 3:45	1813			GR	

By Arr 3.0 Hrs/Wk HYBRID
CSCI 14-H01 is a hybrid course conducted both on campus and over the internet. You are required to meet on campus during the daytime listed above. For important additional information, go to <http://www.chabotcollege.edu/online>

CSCI 15 OBJECT-ORIENTED PROG C++ 4.0 Units

Object-oriented programming methods employed to design, program, test and document intermediate level problems in the C++ language. Includes strings and string objects, multidimensional arrays, pointers, dynamic allocation, classes, overloaded functions and operators, inheritance and polymorphism, introduction to linked lists. Designed to satisfy Association of Computing Machinery (ACM) guidelines for CS I as required for Computer Science and related transfer majors. **Prerequisite: Computer Science 14 (completed with a grade of "C" or higher).**

D 20704	Lec	MW	9:00 10:15	1804	TRAUGOTT	08/16-12/19	GR	001
	Lab	MW	10:20 11:35	1804			GR	
E 22361	Lec	TR	6:30 7:45	1813	MEHL	08/16-12/19	GR	071
	Lab	TR	7:50 9:05	1813			GR	

CSCI 20 INTRO TO DATA STRUCT IN C++ 4.0 Units

Design and implementation of larger projects in C++ using software engineering principles. Emphasis on definition and use of data structures. Includes specification of Abstract Data Types, recursion, dynamic memory allocation, stacks, linked lists, priority queues, graphs, binary trees, heaps, sorting and searching, algorithm analysis, hashing techniques, random access files. **Prerequisite: Computer Science 15 (completed with a grade of "C" or higher).**

E 22362	Lec	TR	6:30 7:45	1812	TRAUGOTT	08/16-12/19	OP	071
	Lab	TR	7:50 9:05	1812			OP	

CSCI 21 ASSEMBLY LANGUAGE PROGRAMMING 4.0 Units

Basics of machine architecture, machine language, assembly language, operating system, higher level language interface. Data representation, instruction representation and execution, addressing techniques and use of macros. Space and time efficiency issues. Input/output including use of system interrupts. Interrupt processing and interrupt handlers. Parameter passing and linkage to higher level languages. **Prerequisite: Computer Science 14 (completed with a grade of "C" or higher).**

D 20788	Lec	TR	3:00 4:15	1812	MEHL	08/16-12/19	OP	001
	Lab	TR	4:20 5:35	1812			OP	

CSCI 41 INTRO TO UNIX 2.0 Units

UNIX operating system capabilities, history, evolution and major variants. Components of a UNIX system, common commands, directory and file management, UNIX editors, shells, electronic mail and user communication, the C language development environment, Internet resources. **Strongly recommended: Completion of, or concurrent enrollment in Computer Science 14 or equivalent programming course in the C or C++ programming languages (completed with a grade of "C" or higher).**

D 22644	Lec	Sat	12:30 3:35	1708	KANG	08/19-10/07	OP	E01
	Lab	Sat	3:40 6:45	1708			OP	

CSCI 42 UNIX TOOLS, SHELL PROG/SYS ADM 2.0 Units

Further experience with UNIX tools. Enhanced Shells. Emphasis on Linux variant of UNIX. Basic networking concepts. Writing and testing shell scripts. Processes and scheduling. Security issues. Basic System administration. **Prerequisite: Computer Science 41 (completed with a grade of "C" or higher).**

D 22645	Lec	Sat	12:30 3:35	1708	KANG	10/14-12/09	OP	E01
	Lab	Sat	3:40 6:45	1708			OP	

DENTAL HYGIENE

DHYG 52A PERIODONTICS 2.0 Units

Normal periodontium and the deviations from health, with emphasis on the hygienist's responsibility in examination, data collection and recognition of disease. Dental Hygiene therapy for periodontal disease prevention, active case management and maintenance programs. Contribution factors to disease process and case management. Decision-making for patient referral to the periodontal specialist. **Prerequisite: Dental Hygiene 51 (completed with a grade of "C" or higher).**

D 20348	Lec	Thu	8:00 9:50	2202	COAN	08/16-12/19	GR	001
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DHYG 54 PHARMACOLOGY 2.0 Units

Sources, dosages, therapeutic action, and side effects of drugs used in dentistry and dental hygiene. Includes legal and ethical aspects of drug usage. **Corequisite: Dental Hygiene 57.**

D 20065	Lec	Tue	10:00 11:50	2258	DJORDJEVIC	08/16-12/19	GR	001
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DHYG 56A COMMUNITY DENTAL HEALTH I 1.0 Units

Individual and community oral health problems, relative to personal, family, and public health needs. **Corequisite: Dental Hygiene 80A. Strongly recommended: COMM 1, or COMM 10, or COMM 30.**

D 20066	Lec	Tue	8:00 8:50	2202	COAN	08/16-12/19	GR	001
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DHYG 57 EXPANDED FUNCTIONS FOR DH 2.0 Units

Dental hygiene advanced clinical functions including clinical practice in administration of local anesthetics, topical anesthetic agents, nitrous oxide/oxygen analgesia and soft tissue curettage. **Corequisites: Dental Hygiene 54 and 81A.**

D 20067	Lec	Thu	11:00 11:50	2202	COAN	08/16-12/19	GR	001
	Clin	Thu	1:00 3:50	2204			GR	

DHYG 60 DENTAL ANATOMY AND MORPHOLOGY 1.5 Units

Development, eruption, and structures of the intraoral cavity and extra oral structures; structures of the teeth, tooth numbering systems, occlusion and anomalies. Identification of teeth and oral structure. **Prerequisite: Admission into the Dental Hygiene Program. Corequisite: Dental Hygiene 60L, 69A and Dental Hygiene 71A.**

D 21121	Lec	Wed	8:00 9:20	2202	COAN	08/16-12/19	GR	001
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DHYG 60S DENTAL ANATOMY AND MORPHOLOGY 0.5 Units

Supplement instruction on the development, eruption, and structures of the intra oral cavity and extraoral structures: structures of the teeth, tooth numbering systems, occlusion and anomalies. Identification of teeth and oral structure. **Corequisite: Dental Hygiene 60.**

D 20929	Lab	Wed	9:30 10:50	2202	COAN	08/16-12/19	P/N	001
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DHYG 61 HEAD AND NECK ANATOMY 2.0 Units

Anatomy of the head, neck and oral cavity, structure and function of the oral cavity and adjacent structures. Emphasis on clinical recognition of normal structures, the anatomical relationships between structures, their vascular supply and the regional osteology. **Corequisite: Dental Hygiene 61L, 69A and Dental Hygiene 71A.**

D 20205	Lec	Fri	8:00 9:50	2202	COAN	08/16-12/19	GR	001
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DHYG 61S HEAD AND NECK ANAT IND STUDY 0.5 Units

Supplement instruction on the embryology of the head, neck and oral cavity, structure and function of the oral cavity and adjacent structures. Emphasis on recognition of normal structures, the anatomical relationships between structures and regional osteology. **Corequisite: concurrent enrollment in Dental Hygiene 61.**

D 20930	Lab	Fri	10:00 11:50	2202	COAN	08/16-12/19	P/N	001
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DHYG 68 EXTENDED CLINICAL EXPERIENCES 0.5 Units

Clinical dental hygiene practice and screening for the California State Board Examination. Designed for Chabot College Dental Hygiene Program graduates who are not yet licensed in the State of California. Includes practice and screening of patients. **Prerequisite: Graduate of the Dental Hygiene Program.**

O 21149	Clin	By Arr	1.0 Hrs/Wk	TBA	CHEUNG	08/16-10/13	P/N	001
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DHYG 69A ORAL HEALTH CARE EDUCATION 2.0 Units

Educational techniques and technical skills used to assist individuals and groups in becoming integrally involved in their dental/oral health care. Information and application of information related to oral health care, oral health promotion and disease prevention. **Corequisite: Current enrollment in the Dental Hygiene Program.**

D 20356	Lec	Fri	1:00 2:50	2202	KEARN	08/16-12/19	GR	001
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DHYG 71A PRE-CLINICAL DENTAL HYGIENE 4.0 Units

Laboratory and clinical experiences in patient assessment, dental hygiene care planning, goal setting and implementation of instrumentation techniques for providing prevention oriented dental care and non-surgical periodontal therapy. Emphasis on post-treatment evaluation. Application of theory to the treatment of clinical patients. **Corequisite: Dental Hygiene 60, 69A and 71L.**

D 20068	Lec	MR	8:00 8:50	2203	SCHLECHTER	08/16-12/19	GR	001
	Clin	Mon	9:00 11:50				GR	
	Clin	Thu	9:00 11:50	2203			GR	

DHYG 71S PRE-CLIN DENTAL HYG IND STUDY 1.0 Units

Supplemental instruction in the use of dental hygiene instruments. Emphasis on instrumentation techniques including the use of fulcrum options, modified pen grasp, direct and indirect vision. **Corequisite Dental Hygiene 71A.**

D 20931	Lab	Tue	1:00 3:50	2202	SCHLECHTER	08/16-12/19	P/N	001
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DHYG 74A DENTAL RADIOGRAPHY I 3.0 Units

Introduction to principles of radiography, x-radiation protection, operation of x-ray equipment, infection control procedures and hazardous waste maintenance. Practice in film exposure, processing, mounting and interpretation. **Prerequisite: current enrollment in the Dental Hygiene program.**

D 20071	Lec	TW	11:00 11:50	2202	SCHLECHTER	08/16-12/19	GR	001
	Lab	Mon	1:00 3:50	2216			GR	
D 20072	Lec	TW	11:00 11:50	2202	SCHLECHTER	08/16-12/19	GR	002
	Lab	Tue	8:00 10:50	2216			GR	
D 20073	Lec	TW	11:00 11:50	2202	SCHLECHTER	08/16-12/19	GR	003
	Lab	Wed	1:00 3:50	2216			GR	
D 20924	Lec	TW	11:00 11:50	2202	SCHLECHTER	08/16-12/19	GR	004
	Lab	Thu	1:00 3:50	2216			GR	

DHYG 80A PATIENT MANAGEMENT 1.0 Units

Dental Hygiene therapy with emphasis on the child patient and periodontal patients, education in prevention and control of dental disease, and case documentation. **Prerequisite: Dental Hygiene 71B. Corequisite: Dental Hygiene 56A and Dental Hygiene 81A.**

D 20074	Lec	Thu	10:00 10:50	2202	CHEUNG	08/16-12/19	GR	001
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DHYG 81A CLINICAL PRACTICE I 5.0 Units

Continuation of clinical experience in performing dental hygiene therapy with emphasis on the young child and periodontal patient; patient education in prevention and control of dental disease, emergency procedures. **Prerequisite: Dental Hygiene 69B and Dental Hygiene 71B (both completed with a grade of C or higher). Corequisite: Dental Hygiene 56A, 57, 80A and 83.**

D 20075	Clin	Mon	1:00 3:50	2203	COAN	08/16-12/19	GR	001
	Clin	Wed	9:00 11:50	2203			GR	
	Clin	Wed	1:00 3:50	2203			GR	
	Clin	Fri	9:00 11:50	2203			GR	
	Clin	Fri	1:00 3:50	2203			GR	

DHYG 82A CLINICAL EXPER SEMINAR I/DHYG 1.0 Units

Discussion and analysis of case-based clinical situations. Case studies addressing client care, protocol and advanced clinical techniques.

Corequisite: Dental Hygiene 80A.

D 20357	Lec	Tue	9:00 9:50	2202	CHEUNG	08/16-12/19	GR	001
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DIGITAL MEDIA**DIGM 31A PHOTOSHOP I 1.5 Units**

Introduction to the use of Photoshop software for creating and editing digital images. Topics include retouching and restoration of photographs, color management, digital painting, and preparing images for printing.

D 20726	Lec	TR	1:00 1:50	908	Staff - Fi	08/17-10/12	OP	E01
	Lab	TR	2:00 3:50	908			OP	

DIGM 31B PHOTOSHOP II 1.5 Units

Continuation of the content and skills introduced in Digital Media 31A (Photoshop I). Topics include filters, advanced layer effects, preparing images for commercial printing, and preparing images for use on web pages. **Prerequisite: Digital Media 31A (completed with a grade of C or higher).**

D 23220	Lec	TR	1:00 1:50	908	Staff - Fi	10/17-12/12	OP	E01
	Lab	TR	2:00 3:50	908			OP	

DIGM 32A ILLUSTRATOR I

1.5 Units

Introduction to the use of Adobe Illustrator software for digital illustration. Emphasis on the use of vector-based tools for artistic and technical drawing. Enhancement of illustrations through the addition of text, gradients, patterns, transparency, and effects.

D 21221	Lec	MW	9:00	9:50	908	Staff - Fi	08/16-10/11	OP	E01
	Lab	MW	10:00	11:50	908			OP	

DIGM 32B ILLUSTRATOR II

1.5 Units

Continuation of the content and skills introduced in Digital Media 32A (Illustrator I). Creation of custom brushes and patterns; masking and distorting objects; simulating lights and shadow through use of gradients, blends, meshes, and 3D effects; preparing files for commercial printing. **Prerequisite: Digital Media 32A or Architecture 32A or Art 32A or Photography 32A (completed with a grade of C or higher).**

D 23221	Lec	MW	9:00	9:50	908	Staff - Fi	10/17-12/12	OP	E01
	Lab	MW	10:00	11:50	908			OP	

DIGM 33A INDESIGN I

1.5 Units

Introduces Adobe InDesign software as a page layout tool and graphic design environment.

D 22750	Lec	Fri	9:00	9:50	908	Staff - Fi	08/16-12/19	GR	001
	Lab	Fri	10:00	11:50	908			GR	

DIGM 35A BUILDING A WEB SITE I

1.5 Units

Introduction to the basic skills required for designing and producing Web pages and multi-page Web sites, providing a foundation for eventual creation of interactive, multimedia Web sites. Hand-coding HTML, and Cascading Style Sheets; using Dreamweaver and other site design and management tools.

E 20538	Lec	Tue	6:00	6:50	908	Staff - Fi	08/16-12/19	OP	071
	Lab	Tue	7:00	8:50	908			OP	

DIGM 36A VIDEO EDITING I

1.5 Units

Introduction to digital video editing using desktop software. Capturing digital video; combining video clips by means of cuts and transitions; adding titles and audio; outputting the finished product to disk. Each student must have an external hard drive with a capacity of at least 500 GB and a set of headphones or earbuds.

D 22609	Lec	MW	12:00	12:50	908	Staff - Fi	08/16-10/11	OP	E01
	Lab	MW	1:00	2:50	908			OP	

DIGM 36B VIDEO EDITING II

1.5 Units

Continuation of the content and skills introduced in Digital Media 36A (Final Editing I), with emphasis on creative imagery through use of video and audio filters, motion and speed effects, and compositing. Each student must have an external hard drive with a capacity of at least 500 GB and a set of headphones or earbuds. **Prerequisite: DIGM 36A (completed with a grade of "C" or higher).**

D 22608	Lec	MW	12:00	12:50	908	Staff - Fi	10/16-12/11	OP	E01
	Lab	MW	1:00	2:50	908			OP	

DIGM 41 GRAPHIC DESIGN CONCEPTS

3.0 Units

Introduction to the essential visual elements of graphic and protocols used for effective visual communication. Cultivation of the designer's creative process and problem-solving skills. Emphasis on strong conceptual development and solid craftsmanship through design execution. Projects explore creative development of graphic design ideas from start to finish.

D 22610	Lec	TR	9:00	9:50	908	Staff - Fi	08/16-12/19	GR	001
	Lab	TR	10:00	11:50	908			GR	

EARLY CHILDHOOD DEVELOPMENT

ECD 40 SOCIAL & EMOTIONAL FOUNDATIONS 3.0 Units

Focus on the healthy social and emotional development of young children as the foundation for children's early learning. Students will become aware of the role of the teacher in establishing an environment that promotes the healthy social and emotional development of young children. **Strongly recommended: Early Childhood Development 56 and 62.**

E 20790	Lec	Mon	6:30	9:20	556	BARTON	08/16-12/19	GR	071
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ECD 50 ECD PRINCIPLES AND PRACTICES

3.0 Units

An examination of the underlying theoretical principles of developmentally appropriate practices applied to programs, environments, emphasizing the key role of relationships, constructive adult-child interactions, and teaching strategies in supporting physical, social, creative and intellectual development of all young children. This course includes a review of the historical roots of early childhood programs and the evolution of the professional practices promoting advocacy, ethics, and professional identity.

D 20094	Lec	MW	10:30	11:45	405	OZDEMIR	08/16-12/19	GR	001
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E 20912	Lec	Tue	6:30	9:20	506	OGMAN	08/16-12/19	GR	071
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O 20548 By Arr 3.0 Hrs/Wk ONLINE RODRIGGS 08/16-12/19 GR ON1
ECD 50-ON1 is an online course with no required on-campus meetings. For important additional information, go to <http://www.chabotcollege.edu/online>

S 21162	Lec	Sat	9:00	12:10	559	CALOCA	08/16-12/19	GR	051
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This class is for Spanish Cohort students only, please email your questions to cc-ecdspanish@chabotcollege.edu Esta clase es solamente para los participantes del programa de Espanol, para mas informacion envia un correo electronico a cc-ecdspanish@chabotcollege.edu

ECD 52 CHILDHOOD AND ADOLESCENCE

3.0 Units

Concentrating on the portions of the lifespan from middle childhood continuing through adolescence and addressing both typical and atypical children. Biological changes such as puberty, brain, cognitive development, changes in family and peer relationships, and identity development will be explored. Includes an understanding of the various contexts in which this age group develops, such as family, peer groups, school, and work. Emphasis on the continuity, observation, scientific methods, and stages of development.

O 21510	By Arr	3.0 Hrs/Wk	ONLINE	OZDEMIR	08/16-12/19	OP	ON1
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ECD 52-ON1 is an online course with no required on-campus meetings. For more information, please go to <http://www.chabotcollege.edu/online>

ECD 54 CHILD HEALTH/SAFETY/NUTRITION

3.0 Units

Aspects of nutrition, health and safety that promote and maintains the health and well-being of all children and adults who work with young children. Topics include health and nutritional guidelines, maintaining safe and healthy learning environments, state regulations, policies and procedures, common childhood illnesses, infectious diseases, school-family collaboration and emergency preparedness, first aid and injury prevention.

O 21464	By Arr	3.0 Hrs/Wk	ONLINE	RODRIGGS	08/16-12/19	OP	ON1
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ECD 54-ON1 is an online course with no required on-campus meetings. For important additional information, go to <http://www.chabotcollege.edu/online> Opportunity for CPR certification available for an additional fee.

S 20873	Lec	Sat	9:00	12:05	502	FONTENO	08/16-12/19	OP	081
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Opportunity for CPR certification available for an additional fee.

ECD 56 CHILD GROWTH AND DEVELOPMENT

3.0 Units

A study of the major physical, psychosocial, and cognitive/ language development milestones for children both typical and atypical from conception through adolescence. There will be an emphasis on interactions between maturational processes and environmental factors. While studying developmental theory and investigative research methodologies, students will observe children, evaluate individual differences and analyze characteristics of development at various stages.

D 21163	Lec	MW	9:00	10:15	405	OZDEMIR	08/16-12/19	GR	001
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D 21164	Lec	TR	10:30	11:45	3521	OZDEMIR	08/16-12/19	GR	002
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E 21165	Lec	Thu	6:30	9:20	506	VERARDE	08/16-12/19	GR	071
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O 21166	By Arr	3.0 Hrs/Wk	ONLINE	OZDEMIR	08/16-12/19	GR	ON1
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ECD 56-ON1 is an online course, with no required on-campus meetings. For important additional information, go to <http://www.chabotcollege.edu/online> If you took ECD 51 you DO NOT have to take ECD 56.

ECD 60 YOUNG CHILD/EXCEPTIONAL NEEDS

3.0 Units

Introduces the variations in development of infants and children with exceptional needs and the resulting impact on families. Includes an overview of historical and societal influences, laws relating to children with exceptional needs, and the identification and referral process. Assessments, interventions, and learning environments for infants and children with exceptional needs. **Prerequisite: Early Childhood Development 56 (completed with a grade of "C" or higher).**

E 20707	Lec	Wed	6:30	9:20	557	LONG	08/16-12/19	GR	071
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ECD 62 CHILD, FAMILY AND COMMUNITY 3.0 Units

Patterns of family living in contemporary society, including the varying roles and interactions of family members; demographic, socio-cultural, racial, economic and historical and developmental factors affecting children, families and relationship of the family to early care and education and to community resources. The processes of socialization and identity development will be highlighted.

D 21222 Lec TR 10:30 11:45 405 OGMAN 08/16-12/19 GR 001

E 20095 Lec Thu 6:30 9:20 505 OGMAN 08/16-12/19 GR 071

S 21411 Lec Sat 9:00 11:50 558 HODSDON 08/16-12/19 GR 082

S 20256 Lec Sat 12:30 3:40 552 CALOCA 08/16-12/19 GR 051

This class is for Spanish Cohort students only, please email your questions to cc-ecdspanish@chabotcollege.edu. Esta clase es solamente para los participantes del programa de Espanol para mas informacion envia un correo electronico a cc-ecdspanish@chabotcollege.edu

ECD 63 EARLY CHILDHOOD CURRICULUM 4.0 Units

Professional application of the principles of human growth and development in: the study of play based inclusive curriculum, the physical environment and learning experiences including program content, the use of materials, the facilitation and guidance of all children's experiences based on developmentally appropriate principles, the methods used to meet all children's physical, social, emotional, cognitive, and creative needs including infant and toddler within cultural context. **Prerequisite: ECD 50 and ECD 56 (completed with a grade of "C" or higher).**

D 20214 Lec MW 12:00 1:15 3521 SHERRY 08/16-12/19 GR 001

Lab Mon 9:00 11:50 3521 GR

Lab Wed 9:00 11:50 3521 GR

At the first class meeting, students will schedule 3 lab hours between 9:00am-12:00pm on Monday or Wednesday. Verification of TB clearance (within past 2 years) and up to date immunizations record is required. If you took ECD 51 Child Development before 2010 at Chabot College then you may need to have a Pre-requisite form completed. If you are having any trouble registering for this class please email hozdemir@chabotcollege.edu

E 20351 Lec Tue 6:30 9:20 3521 MCGREGOR 08/16-12/19 GR 071

Lab Thu 6:30 9:20 3521 GR

Verification of TB clearance (within past 2 years) and up to date immunizations record is required. If you took ECD 51 Child Development before 2010 at Chabot College then you may need to have a Pre-requisite form completed. If you are having trouble registering for this class please email hozdemir@chabotcollege.edu

ECD 67 INFANT/TODDLER DEVELOPMENT 3.0 Units

A study of infants and toddlers from preconception to 36 frameworks to interpret behavior and interactions between heredity and environment. Examination of best practices, responsive caregiving techniques, environments, infant/toddler learning foundations, health, safety, and licensing requirements. **Prerequisite: Early Childhood Development 56 (completed with a grade of C or higher).**

E 20352 Lec Mon 6:30 9:20 551 HA 08/16-12/19 GR 071

If you are having any trouble registering for this class please email hozdemir@chabotcollege.edu to discuss what you may need.

ECD 68 ADMIN II: PERSONL & LEADERSHIP 3.0 Units

Effective strategies for personnel management and leadership in early care and education settings. Includes legal and ethical responsibilities, supervision techniques, professional development, and reflective practices for a diverse and inclusive early care and education program. **Prerequisite: Early Childhood Development 62 and 63 (completed with a grade of "C" or higher).**

S 21868 Lec Sat 8:30 3:50 505 OGMAN 08/19-09/30 GR E82

Meeting dates 8/19, 8/26, 9/9, 9/16, 9/23, 9/30

ECD 69 CHILD STDY THROUGH OBSERVATION 3.0 Units

Current approaches for observing recording the behavior of infants and young children using various scientific techniques. Effective observations that build on respecting and fostering all children's competence, striving for objectivity and individualizing programs to meet individual children's learning and developmental assessment. Direct observational experience and application of methods is required weekly. **Prerequisite: Early Childhood Development 56 (completed with a grade of C or higher).**

E 20932 Lec Wed 6:30 9:20 558 CONTERNO 08/16-12/19 OP 071

ECD 79 TEACH IN A DIVERSE SOCIETY 3.0 Units

Critical examination of societal and personal attitudes and beliefs, values, assumptions and biases about culture, race, language, identity, family structures, ability, socio-economic status and other issues influenced by systemic oppression. Recognize and confront barriers that interfere with ones ability to work effectively with diverse populations of children and families. Enhance teacher's skills for educating children in a pluralistic society.

E 22206 Lec Tue 6:30 9:20 804 HA 08/16-12/19 OP A71

ECD 83 ADULT MENTORING & SUPERVISION 2.0 Units

Methods and principles of mentoring and supervising adults in Early Care and Education settings. Emphasis on the role of experienced classroom teachers who function as mentors to new teachers while simultaneously addressing the needs of children, families and other staff. **Prerequisite: Early Childhood Development 62 and 63 (completed with a grade of "C" or higher).**

E 23066 By Arr 3.0 Hrs/Wk HYBRID OGMAN 08/16-12/19 GR H71

ECD 83-H71 is a hybrid course with 3 required on-campus meetings on August 28, October 2, November 6, from 6:30pm- 9:20pm in room 557. The remainder of the instruction is online. To start course, enrolled students must attend the first on-campus meeting. For more information, contact instructor: bogman@chabotcollege.edu

ECD 90 PRACTICUM/SUPERVISE EXPERIENCE 4.0 Units

Practicum experience working with young children under the supervision of an ECE/CD faculty; Students will utilize practical classroom experiences to make connections between theory and practice, develop professional behaviors, and build comprehensive understanding of children and families. Child centered, play oriented approaches to teaching, learning and assessment and knowledge of curriculum content areas will be emphasized as student teachers design, implement and evaluate experiences that promote positive development and learning for all young children. **Prerequisite: ECD 50, ECD 56, ECD 62, ECD 63 (completed with a grade of "C" or higher).**

D 20096 Lec TR 1:00 1:50 3521 SHERRY 08/16-12/19 GR 001

Lab TR 10:00 12:50 3521 GR

Verification of TB clearance (within past 2 years) and up to date immunizations record is required. At first class meeting students will schedule 6 lab hours between 8:00am- 1:00pm on Tuesday and Thursday. If you took any of these courses at another college or if you took ECD 51 Child Development before 2010 at Chabot College then you may need to have a Pre-requisite form completed. If you are having any trouble registering for this class please email hozdemir@chabotcollege.edu to discuss what you may need.

D 21298 Lec Thu 6:30 8:20 502 GUTIERREZ 08/16-12/19 GR 002

Lab Sat 8:00 11:50 504 GR

Lab Sat 12:30 2:20 504 GR

Verification of TB clearance (within past 2 years) and up to date immunizations record is required. If you took any of these courses at another college or if you took ECD 51 Child Development before 2010 at Chabot College then you may need to have a Pre-requisite form completed. If you are having any trouble registering for this class please email hozdemir@chabotcollege.edu to discuss what you may need.

ECD 92 CREATIVE ACT & MAT/YOUNG CHILD 1.0 Units

Specific topics covering a variety of curriculum activities and materials such as: art, literacy, music, movement, block play, dramatic play, outdoor environments, science and math which are current and relevant to early childhood professionals. Focus is on Developmentally Appropriate Practice (DAP) criteria for curriculum responsive in Early Childhood classrooms.

S 23067 Lec Sat 8:30 12:45 554 OZDEMIR 09/09-09/16 OP E81

Lec Sat 1:05 5:20 554 OP

Topic: Math in Early Childhood. Attendance in mandatory. Students are required to attend both days from 8:30 am - 5:20 pm.

ECD 94 FOSTER CHILDREN COGN DEV/LANG 1.0 Units

Specific topics which provide a study of current concepts and issues in the key role of fostering children's cognitive development and supporting the development of children's language.

S 23068 Lec Sat 8:30 12:45 556 OGMAN 10/14-10/21 GR E81

Lec Sat 1:05 5:20 556 GR

Topic: Language Development in Action. Attendance is mandatory. Students are required to attend both days from 8:30 am - 5:20 pm.

ECD 95 WORK EXPERIENCE 1.0-3.0 Units

Cooperative effort between, student, supervisor and instructor to accomplish professional work objectives and broaden experiences. On-the-job work experience to build early childhood competencies. **Corequisite: Early Childhood Development 96.**

O 20227 By Arr 15.0 Hrs/Wk ONLINE RODRIGGS 08/16-12/19 GR ON1
ECD 95-ON1 is an online course with no required on-campus meetings. For important additional information, go to <http://www.chabotcollege.edu/online>. It is expected that you are currently working in a licensed child care facility or Family Child Care home. Your lab hours will be done at your child care work site. Students not currently employed will be assigned to complete lab hours with an EC Mentor Teacher during the daytime hours. There are limited hours on Fridays at Chabot EC Lab School. TB clearance required for lab hours at the Children's Center.

ECD 96 WORK EXPERIENCE SEMINAR 1.0 Units

Discussion and analysis of problems often encountered by employees at the workplace. Application of National Association for the Education of Young Children (NAEYC) Code of Ethical Conduct to difficult situations that occur at the job site. Develop and complete measurable developmentally appropriate goals in early care and education settings. **Corequisite: Early Childhood Development 95.**

O 20228 By Arr 1.0 Hrs/Wk ONLINE RODRIGGS 08/16-12/19 GR ON1
ECD 96-ON1 is an online course with no required on-campus meetings. For important additional information, go to <http://www.chabotcollege.edu/online>

ECD 98 QUALITY STD IN ECD PROGRAMS 1.0 Units

Assessing the early childhood program and learning environment helps early childhood professionals to improve the quality of their programs. A variety of assessment tools for programs as well as state standards and guidelines for early childhood programs will be studied. The emphasis will be on effective assessment strategies, methods, and tools in an early childhood setting and how they relate to children's learning outcomes.

S 22725 Lec Sat 8:30 12:45 551 HALE 11/04-11/18 OP E82
 Lec Sat 1:05 5:20 551 OP

Quality Counts: Learn how to assess program quality using ERS and CLASS as well as learning about authentic assessment of children using the DRDP. (This course is ideal for students who are working in a site collaborating in QRIS.) Attendance is mandatory. Students are required to attend both days from 8:30am-5:20pm.

ECONOMICS**ECN 1 PRINCIPLES OF MICROECONOMICS 3.0 Units**

Economic analysis of market systems, price theory, price theory, including supply and demand analysis, marginal utility, elasticity, cost and revenue concepts, perfect and imperfect competition, international trade theory, pricing of the factors of production, poverty and income inequalities. **Strongly Recommended: Eligibility for ENGL 1A. Prerequisite: MTH 53, MTH 53A or, MTH 65 or, MTH 65B (completed with a grade of "C" or higher) or an appropriate skill level demonstrated through the mathematics assessment process.**

D 22200 Lec MW 9:00 10:15 552 WILLIAMS 08/16-12/19 OP 001
 D 22201 Lec MW 1:30 2:45 552 WILLIAMS 08/16-12/19 OP 002
 D 22202 Lec TR 9:00 10:15 502 WILLIAMS 08/16-12/19 OP 003
 D 22203 Lec TR 1:30 2:45 502 WILLIAMS 08/16-12/19 OP 004
 E 22762 Lec Wed 6:30 9:20 552 WILLIAMS 08/16-12/19 OP 071

ECN 2 PRINCIPLES OF MACROECONOMICS 3.0 Units

Economic analysis of the theory of income determination, including national income analysis, business cycles, the consumption function, the multiplier, fiscal policy, monetary policy, money and banking, the public debt, economic growth and development, comparative economic systems and international trade. **Strongly Recommended: ENGL 1A. Prerequisite: MTH 53 or, MTH 53A or, MTH 65 or, MTH 65B (completed with a grade of "C" or higher) or an appropriate skill level demonstrated through the Mathematics assessment process.**

D 22204 Lec TR 12:00 1:15 503 FLORES 08/16-12/19 OP 001
 E 22205 Lec Tue 7:00 9:50 559 WILLIAMS 08/16-12/19 OP 071

ELECTRONIC SYSTEMS TECHNOLOGY**ESYS 50 INTRO-ELECTRONIC SYSTEMS TECH 2.0 Units**

Introduction to electronic systems and circuits. Overview of career opportunities and job duties with electronic systems technology. Direct current and alternating current circuits including Ohm's law and Kirchhoff's laws. Measurement and characterization of electronic systems at the block diagram level. Laboratory practice includes the proper use of standard test instruments.

E 20865 Lab Tue 6:00 10:05 1602 PHILLIPS 08/22-10/10 GR EH1
 By Arr 2.2 Hrs/Wk HYBRID GR

ESYS 50-EH1 is partially taught online. For important additional information, go to <http://www.chabotcollege.edu/online>

E 20866 Lab Thu 6:00 10:05 1602 REYES 10/12-12/07 GR EH2
 By Arr 2.2 Hrs/Wk HYBRID GR

ESYS 50-EH2 is partially taught online. For important additional information, go to <http://www.chabotcollege.edu/online>

ESYS 51 FABRICATION TECHNIQUES 2.0 Units

Prototype development includes sheet metal, printed circuit board layout and fabrication, connection and soldering techniques, use of hand tools, and machines in electronic fabrication. Use of computer software tools as applied to electronic fabrication.

E 22580 Lab Tue 6:00 10:05 1616 PHILLIPS 10/17-12/05 GR EH1
 By Arr 2.2 Hrs/Wk HYBRID GR

ESYS 51-EH1 is partially taught online. For important additional information, go to <http://www.chabotcollege.edu/online>

ESYS 52 ESYS MEASUREMENT/TROUBLESHGT 2.0 Units

Measurement and characterization of electronic systems, data collection, and reporting results in industry-accepted formats. Comparing system and component performance to published specifications and developing troubleshooting techniques. Laboratory practice includes the proper use of standard test instruments. **Strongly Recommended: ESYS 50.**

E 22471 Lab Thu 6:00 10:05 1602 REYES 08/17-10/05 GR EH1
 By Arr 2.2 Hrs/Wk HYBRID GR

ESYS 51-EH1 is partially taught online. For important additional information, go to <http://www.chabotcollege.edu/online>

ESYS 54 ANALOG CIRCUITS/SEMICONDR DVC 2.0 Units

Analog circuits, including amplifiers, oscillators, and filters, using single-chip analog devices, operational amplifiers, field-effect transistors, bipolar transistors. **Strongly Recommended: ESYS 52.**

E 21423 Lab Thu 6:00 9:50 1616 REYES 10/12-12/07 GR EH1
 By Arr 2.2 Hrs/Wk HYBRID GR

ESYS 54-EH1 is partially taught online. For important additional information, go to <http://www.chabotcollege.edu/online>

ESYS 56A ELECTRONIC POWER SYSTEMS I 2.0 Units

Switching power supply systems. Alternative energy systems. Advanced power bus management and control systems. **Strongly Recommended: ESYS 52.**

D 23005 Lab Tue 1:00 5:05 1602 PHILLIPS 08/22-10/10 GR EH2
 By Arr 2.2 Hrs/Wk HYBRID GR

This section is for students in the BART TCLT (Transit Career Ladders Training) program, which prepares students for entry-level technical positions. For important additional information, go to <http://www.chabotcollege.edu/online>

E 20958 Lec By Arr 2.2 Hrs/Wk HYBRID PHILLIPS 08/22-10/10 GR EH1
 Lab Tue 6:00 10:05 1602 GR

ESYS 56A-EH1 is partially taught online. For important additional information, go to <http://www.chabotcollege.edu/online>

ESYS 56B ELECTRONIC POWER SYSTEMS II 2.0 Units

Power supply transformer, rectifier and filtering circuits. Measurement of line and load regulation, ripple, and efficiency in linear and switching power supply systems. Linear regulation techniques and troubleshooting. **Strongly Recommended: ESYS 56A.**

D 23006 Lab Tue 1:00 5:05 1616 PHILLIPS 10/17-12/05 GR EH2
 By Arr 2.2 Hrs/Wk HYBRID GR

This section is for students in the BART TCLT (Transit Career Ladders Training) program, which prepares students for entry-level technical positions. For important additional information, go to <http://www.chabotcollege.edu/online>

E 20959 By Arr 2.2 Hrs/Wk HYBRID PHILLIPS 10/17-12/05 GR EH1
 Lab Tue 6:00 10:05 1602 GR

ESYS 56B-EH1 is partially taught online. For important additional information, go to <http://www.chabotcollege.edu/online>

ESYS 57A PROCESS CONTROL SYSTEMS 2.0 Units

Programmable logic control systems; function, interrelationship, and troubleshooting of systems components PLC input/output systems and requirements. Ladder logic programming using basic I/O instructions, logic instructions, timers, counters, and comparison functions. **Strongly Recommended: ESYS 50.**

D 23007 Lab Thu 1:00 5:05 1602 CASINI 08/17-10/05 GR EH2
By Arr 2.2 Hrs/Wk HYBRID GR

This section is for students in the BART TCLT (Transit Career Ladders Training) program, which prepares students for entry-level technical positions. For important additional information, go to <http://www.chabotcollege.edu/online>

E 20960 By Arr 2.2 Hrs/Wk HYBRID CASINI 08/16-10/04 GR EHI
Lab Wed 6:00 10:05 1602 GR

ESYS 57A-EH1 is partially taught online. For important additional information, go to <http://www.chabotcollege.edu/online>

ESYS 57B PLC AND ROBOTIC SYS COMPONENTS 2.0 Units

Integration of sensors, indicators, controllers and final control elements for Programmable Logic Control and robotic systems. Control loop theory, PID, loop tuning, and control loop troubleshooting Process control system design and tuning. **Strongly Recommended: ESYS 57A.**

D 23008 Lab Thu 1:00 5:05 1616 CASINI 10/12-12/07 GR EH2
By Arr 2.2 Hrs/Wk HYBRID GR

This section is for students in the BART TCLT (Transit Career Ladders Training) program, which prepares students for entry-level technical positions. For important additional information, go to <http://www.chabotcollege.edu/online>

E 20961 By Arr 2.2 Hrs/Wk HYBRID CASINI 10/11-12/06 GR EHI
Lab Wed 6:00 10:05 1616 GR

ESYS 57B-EH1 is partially taught online. For important additional information, go to <http://www.chabotcollege.edu/online>

ESYS 58 WIRELESS COMMUNICATION SYSTEMS 2.0 Units

Introduction to wireless communications concepts and data communications, including modulation techniques, antenna and wave propagation. Digital data communication fundamentals and digital modulation techniques. Fiber optic and laser technology. **Strongly Recommended: ESYS 52.**

E 20963 By Arr 2.2 Hrs/Wk HYBRID REYES 08/17-10/05 GR EHI
Lab Thu 6:00 10:05 1616 GR

ESYS 58-EH1 is partially taught on line. For important additional information, go to <http://www.chabotcollege.edu/online>

ESYS 63A IT ESSENTIALS: PC HARD/SOFT I 2.0 Units

First of two courses of the Cisco Networking Academy IT Essentials program. Students will describe the internal components of a computer, assemble a computer system, install an operating system, and troubleshoot using system tools and diagnostic software. Students will also connect to the Internet and share resources in a network environment. Additional topics covered include laptops and portable devices, wireless connectivity and basic implementation skills, Voice over Internet Protocol (VoIP), security, safety and environmental issues, applied network configuration and troubleshooting skills, and communication skills. **May not receive credit if Computer Networking Technology 83 has been completed.**

O 21218 By Arr 2.2 Hrs/Wk HYBRID CASINI 08/16-10/04 GR EHI
Lab Thu 6:00 10:05 1602 GR

ESYS 63A-EH1 is partially taught online. For important additional information, go to <http://www.chabotcollege.edu/online>

ESYS 63B IT ESSENTIALS: PC HARD/SOFT II 2.0 Units

Second of two courses of the Cisco Networking Academy IT Essentials program. Students will describe the process for upgrading computer hardware, assemble a computer system, upgrade, configure, and optimize an operating system, and troubleshoot using system tools and diagnostic software. Students will also connect to the Internet and share resources in a network environment. Additional advanced topics covered include laptops and portable devices, wireless connectivity, Voice over Internet Protocol (VoIP), security, applied network configuration and troubleshooting skills. **May not receive credit if Computer Networking Technology 83B has been completed. Strongly Recommended: ESYS 63A.**

O 21219 By Arr 2.2 Hrs/Wk HYBRID CASINI 10/11-12/06 GR EHI
Lab Wed 6:00 10:05 1616 GR

ESYS 63B-EH1 is partially taught online. For important additional information, go to <http://www.chabotcollege.edu/online>

EMERGENCY MEDICAL SERVICES

EMS 1 FIRST RESPONDER 2.5 Units

This course is designed to provide students with the basic knowledge and skills to manage many medical and trauma-related emergencies; includes cardiopulmonary resuscitation and prevention of disease transmission. Students will learn through lecture and lab practice how their role as an Emergency medical responder aligns with the Emergency Medical Services community. Successful completion of the knowledge and skills tests qualifies for an Emergency Medical Responder Certificate and an American Heart Association "Basic Life Support Healthcare Provider" Certificate. **May not receive credit if Health 61 has been completed.**

D 21870 Lec Tue 1:00 2:50 3115 FERNANDEZ 08/16-12/19 GR 001
Lab Tue 3:00 4:50 3115 GR

E 21871 Lec Tue 6:00 7:50 3115 FERNANDEZ 08/16-12/19 GR 071
Lab Tue 8:00 9:50 3115 GR

E 21889 Lec Thu 6:00 7:50 3115 BEYNE 08/16-12/19 GR 072
Lab Thu 8:00 9:50 3115 GR

EMS 2 EMERG MED TECH - BASIC 6.5 Units

Provides training in the foundation skills and knowledge required of the EMT-1 scope of practice. The EMT-1 certification is the minimum requirement for ambulance attendants and most entry level firefighter positions. EMT-1 certification is also required for entry into paramedic training. This training program is accredited by the Alameda County Emergency Medical Services Agency. This course enrollment also requires: Evidence of immunizations for measles, mumps, and rubella. Evidence of Hepatitis B immunization series completed or in progress. A current (within one year of course completion) negative TB test is also required. Current healthcare CPR certification is required. **May not receive credit if Health 81 has been completed. Corequisite: EMS 2W. Prerequisite: EMS 1 (completed with a grade of "C" or higher).**

D 21872 Lec Wed 8:30 12:20 3115 BUCKLEY 08/16-12/19 GR 001
Lec Wed 4:30 5:20 3115 GR
Lab Wed 1:30 4:20 3115 GR
Lab Fri 3:00 4:15 3115 GR

IN ORDER TO BE ACCEPTED TO THE EMT CLASS, ALL OF THE FOLLOWING ITEMS MUST BE RECEIVED BY FRIDAY, AUGUST 1, 2014: 1. Proof of TB test (nothing older than November 1, 2013). 2. Proof of Measles, Mumps, and Rubella (MMR). (date received does not matter). 3. Proof of having started (or completed) the Hepatitis B vaccination series. 4. Copy of your current CPR certificate - either CPR for the Professional Rescuer from the American Red Cross OR CPR - Healthcare Provider from the American Heart Association (front and back of card). 5. Copy of your Emergency Response/First Responder certificate you obtained from Health 61 or through the American Red cross (front and back of the card). 6. Sheet of paper with your name, address, phone number, and email address on it. Mail the above items to: Chabot College, Attention: Brandon Buckley, EMT Coordinator, 25555 Hesperian Blvd., Hayward, CA 94545. Fax Number: 510-723-7298. Do not send the original document, you won't get it back. When registering for EMS 2, make sure that you ALSO register for EMS 3. Both classes are required in order to receive your EMT completion certificate. If you have any questions, contact Brandon Buckley at 510-723-6600 or bbuckley@chabotcollege.edu All students required to purchase a Chabot College EMT Student shirt, and a NIOSH approved P-100 particulate filtering face piece. Students must have these two pieces of equipment to be eligible to complete both the Ambulance component and the ER component of the student requirement for successful completion of the course.

ELECTRONIC SYSTEMS TECHNOLOGY PROGRAM

- Emphasizes the use, maintenance, troubleshooting and repair of electronic systems
- Less concentration on individual component and circuit analysis
- Incorporates the communication and reporting skills needed in industry

**A.S. in Electronic Systems Technology
C.A. in Electronics Systems Technology
C.A. in Information Technology Support**



EMS 2W PATIENT STABIL EXTRIC & TRIAGE 0.5 Units

Patient stabilization techniques to include safe patient extrication from a simulated motor vehicle accident. Includes triage for multi-casualty incident/disaster management. **May not receive credit if Health 83 has been completed.**
Corequisite: EMS 2.

S	22036	Lec	Sat	8:30	11:20	TBA	MC INNIS	08/16-12/19	P/N	E82
		Lab	Sat	12:30	4:20	TBA			P/N	

EMS 4 EMERG MED TECH-BASIC REFRESHER 1.5 Units

Provides training in the foundation skills and knowledge required of the EMT-Basic scope of practice. The EMT-B certification is the minimum requirement for ambulance attendants and most entry level Firefighter positions. EMT certification is also required for entry into Paramedic school. 30 total hours accredited by the Alameda County Emergency Medical Services Agency. **May not receive credit if Health 85 has been completed. Prerequisite: EMS 2 (completed with a grade of "C" or higher) and , EMS 2W (completed with a grade of "C" or higher) or current EMT certification.**

E	21873	Lec	TR	6:00	9:50	3102	TAPPAN	11/28-12/09	P/N	E71
		Lec	Sat	8:00	11:50	3102			P/N	
		Lec	Sat	1:00	3:50	3102			P/N	

Students are required to purchase a CPR manikin face mask and pocket mask on the first day of class in order to participate. These items are available in the Chabot College bookstore. IN ORDER TO BE ACCEPTED TO THE EMT ALL OF THE FOLLOWING ITEMS MUST BE RECEIVED BY FRIDAY, AUGUST 1, 2014: 1. Proof of TB test (nothing older than November 1, 2013) 2. Proof of Measles, Mumps, and Rubella (MMR). (date received does not matter). 3. Copy of your current CPR certificate, either CPR for the Professional Rescuer from the American Red Cross OR CPR- Healthcare Provider from the American Heart Association (front and back of card). IF YOU DID NOT RECEIVE YOUR CARD YET, JUST TELL ME WHEN & WHERE YOU TOOK THE CLASS. If it was at Chabot or Las Positas, I can verify that information. 4. Copy of your Emergency Response/First Responder certificate you obtained from Health 61 or the American Red Cross (front and back of card). IF YOU DID NOT RECEIVE YOUR CARD YET, JUST TELL ME WHEN & WHERE YOU TOOK THE CLASS. If it was at Chabot or Las Positas, I can verify that information. 5. Piece of paper with your name, address, phone number, and email address on it. Mail the above items to: Chabot College, Attention: John MC Innis, EMT Coordinator, 25555 Hesperian Blvd., Hayward, CA 94545. Fax Number:510-723-7298 Do not send the original document, you won't get it back. When registering for Health 81, make sure that you ALSO register for Health 81, make sure that you ALSO register for Health 83. Both classes are required in order to receive your EMT completion certificate. If you have any questions, contact Brandon Buckley at 510-723-7090 or bbuckley@chabotcollege.edu

ENGINEERING

ENGR 10 INTRODUCTION TO ENGINEERING 2.0 Units

Introduction to careers, activities, and topics related to the field of engineering, including computer applications design and problem solving.
Strongly Recommended: Eligibility for English 1A.

D	20165	Lec	TR	11:00	11:50	1804	QUIGLEY	08/16-12/19	GR	001
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ENGR 11 ENGINEER DESIGN AND ANALYSIS 2.0 Units

An introduction to the engineering design process from a practical and professional perspective. Student teams work on a term-long engineering project that entails the creation of a design for a useful object with moving parts that require the application of some external power source. Conceptual and Critical/Final design reviews require teams to describe and justify the effectiveness, and likely customer-acceptance, of the design. The student designers: select materials, components, sources of supply; produce a detailed estimate for the production-cost. When needed students use engineering software tools (such as MATLAB) to assess and predict the kinematic, structural, thermal, electrical, fluid-flow, wear/corrosion, and magnetic performance of the proposed design. Students are encouraged to build from the design plans a form-and-fit mock-up, or if possible a fully functioning prototype. **Strongly Recommended: Engineering 22.**

D	21264	Lab	Mon	2:30	4:20	1804	QUIGLEY	08/16-12/19	GR	001
		Lec	Wed	2:30	3:20	1804			GR	
		Lab	Wed	3:30	4:20	1804			GR	

ENGR 25 COMP METHODS ENGINEER/ SCIENCE 3.0 Units

Methodology and techniques for solving engineering/science problems using numerical-analysis computer-application programs MATLAB, SimuLink, MuPad, and EXCEL. Technical computing and visualization using MATLAB software. Examples and applications from applied-mathematics, physical-mechanics, electrical circuits, biology, thermal systems, fluid systems, and other branches of science and engineering. **May not receive credit if Mathematics 25 or Physics 25 has been completed. Prerequisite: MTH 1 (completed with a grade of "C" or higher).**

D	20537	Lec	TR	3:30	4:20	1813	QUIGLEY	08/16-12/19	GR	001
		Lab	Thu	4:30	5:45	1813			GR	
		Lab	Tue	4:30	5:45	1813			GR	

ENGR 36 ENGINEERING MECHANICS -STATICS 3.0 Units

Force and/or moment systems under equilibrium conditions; vector properties of forces, moments, couples and resultants; rigid body structures; hydrostatics; shear and bending-moments diagrams; friction; centroids; area/mass moments of inertia. Graphical, algebraic and numerical (computer) solutions of engineering mechanics problems. **Prerequisite: Physics 4A and Engineering 25 (both completed with a grade of "C" or higher). Strongly recommended: Mathematics 2 (concurrent enrollment encouraged).**

D	20536	Lec	TR	1:00	1:50	1813	QUIGLEY	08/16-12/19	GR	001
		Lab	TR	2:00	3:15	1813			GR	

ENGR 45 MATERIALS OF ENGINEERING 3.0 Units

Application of principles of chemistry and physics to the properties of engineering materials. The relation of microstructure to mechanical, electrical, thermal and optical properties of metals. Solid material phase equilibria and transformations. The physical, chemical, mechanical and optical properties of ceramics, composites, and polymers. Operation and use of materials characterization instruments and methods. **Prerequisite: Chemistry 1A, Engineering 25 and Physics 4A (all completed with a grade of "C" or higher).**

D	21520	Lab	Mon	8:30	11:20	1612	QUIGLEY	08/16-12/19	GR	001
		Lec	Wed	9:00	10:50	1602			GR	

ENGLISH

ENGL 1A CRITICAL READING & COMPOSITION 3.0 Units

Integrated approach to reading, writing, and critical thinking intended to develop ability to read and write complex, college-level prose. Examination of ideas in relation to individuals' world view and contexts from which these ideas arise. Some research required. **Prerequisite: English 101B, 102, or appropriate skill level demonstrated through English assessment process.**

D	21007	Lec	MW	10:30	11:45	1813	LAND	08/16-12/19	GR	CIN
<i>CIN (Change it Now!) is a year-long, accelerated writing and leadership program designed to empower students interested in social change, who would also like to transfer to four- year colleges and universities. Students enrolled in the program self-select various community issues to explore such as: education, health care, budget cuts, environmental issues, poverty, violence and any other issues that they find relevant to their lives. CIN students build strong relationships with each other and develop skills to become leaders in their communities. For more information, see our website www.chabotcollege.edu/CIN. CIN! Student Orientation will be held on Friday, August 25, 2017 from 10am-2pm on the Chabot campus. Attendance is required. CIN! staff will contact you in July/August with more details for the event.</i>										
D	20131	Lec	MW	10:30	11:45	1812	WORTHINGTON	08/16-12/19	GR	DAR
<i>ENGL 1A-DAR is part of the DARAJA Project. As a condition of enrollment, students will be required to sign an agreement to conform to program requirements. Students will be required to participate in all course and program activities. For more information, call 510-723-6747 or visit http://www.chabotcollege.edu/daraja/ "Students enrolled in Daraja must attend the Daraja Study Space, Mondays and Wednesdays from 12:30-2. Please make time in your schedule."</i>										
D	22558	Lec	MW	10:30	11:45	1811	ANDERSON	08/16-12/19	GR	FY2
<i>This section is dedicated to our First Year Experience students. For pathway registration course numbers or information on the program, please visit us at www.chabotcollege.edu/FYE</i>										
D	22559	Lec	MW	10:30	11:45	852	HANSEN	08/16-12/19	GR	FY3
<i>This section is dedicated to our First Year Experience students. For pathway registration course numbers or information on the program, please visit us at www.chabotcollege.edu/FYE</i>										
D	22853	Lec	MW	10:30	11:45	455	LARIS	08/16-12/19	GR	FY7
<i>This section is dedicated to our First Year Experience students. For pathway registration course numbers or information on the program, please visit us at www.chabotcollege.edu/FYE</i>										

ENGL 1A (CONTINUED NEXT PAGE TOP COLUMN)

ENGL 1A (CONTINUED)

D 20792 Lec TR 9:00 10:15 859 LUNDBERG 08/16-12/19 GR FYE
This section is dedicated to our First Year Experience students. For pathway registration course numbers or information on the program, please visit us at www.chabotcollege.edu/FYE

D 20132 Lec TR 10:30 11:45 1802 WILLIAMS 08/16-12/19 GR FE1
This section is dedicated to our First Year Experience students. For pathway registration course numbers or information on the program, please visit us at www.chabotcollege.edu/FYE

D 20725 Lec Fri 6:00 9:10 353 ADAMS 08/18-10/06 GR WC1
Lec Sat 9:00 12:10 353 GR
This is an Express class, taught on a compressed schedule. Please note the late-start and early-finish dates above.

- D 20709 Lec MW 9:00 10:15 353 ANDERSON 08/16-12/19 GR 001
- D 20129 Lec MW 9:00 10:15 851 GRUBER 08/16-12/19 GR 002
- D 22098 Lec MW 9:00 10:15 356 HODSDON 08/16-12/19 GR 003
- D 22509 Lec MW 9:00 10:15 852 ROSS 08/16-12/19 GR 004
- D 20133 Lec MW 12:00 1:15 858 ANDERSON 08/16-12/19 GR 005
- D 20739 Lec MW 12:00 1:15 1811 LAND 08/16-12/19 GR 006
- D 20740 Lec MW 12:00 1:15 801 Staff-Lang 08/16-12/19 GR 007
- D 22823 Lec MW 12:00 1:15 852 JOHNSON 08/16-12/19 GR 008
- D 22883 Lec MW 12:00 1:15 1703 STOKES COBB 08/16-12/19 GR 009
- D 20134 Lec MW 1:30 2:45 859 FOTH 08/16-12/19 GR 010
- D 21157 Lec MW 1:30 2:45 858 STOKES COBB 08/16-12/19 GR 011
- D 21447 Lec MW 3:00 4:15 357 JOHNSON 08/16-12/19 GR 012
- D 21202 Lec TR 7:30 8:45 859 LUNDBERG 08/16-12/19 GR 013
- D 20708 Lec TR 9:00 10:15 351 LAND 08/16-12/19 GR 014
- D 22714 Lec TR 9:00 10:15 510 KINCHELOE 08/16-12/19 GR 015
- D 22888 Lec TR 9:00 10:15 1753 Staff-Lang 08/16-12/19 GR 016
- D 20229 Lec TR 10:30 11:45 854 WORTHINGTON 08/16-12/19 GR 017
- D 22715 Lec TR 10:30 11:45 1811 Staff-Lang 08/16-12/19 GR 018
- D 20710 Lec TR 1:00 2:15 801 FOTH 08/16-12/19 GR 019
- D 20135 Lec TR 1:00 2:15 356 RAJARAM 08/16-12/19 GR 020
- D 22406 Lec TR 1:00 2:15 353 WORTHINGTON 08/16-12/19 GR 021
- D 20529 Lec TR 2:30 3:45 853 WOODHAMS 08/16-12/19 GR 022
- D 21159 Lec TR 2:30 3:45 859 Staff-Lang 08/16-12/19 GR 023
- D 22972 Lec TR 2:30 3:45 359 RAJARAM 08/16-12/19 GR 024
- D 22716 Lec Fri 9:00 11:50 852 ROSS 08/16-12/19 GR 025

- E 22405 Lec MW 4:30 5:45 353 SULLIVAN 08/16-12/19 GR 071
- E 21857 Lec MW 6:00 7:15 353 SULLIVAN 08/16-12/19 GR 072
- E 20130 Lec Mon 6:30 9:20 510 MC FARLAND 08/16-12/19 GR 073
- E 22233 Lec Tue 4:30 7:20 357 MC FARLAND 08/16-12/19 GR 074
- E 21640 Lec Wed 6:30 9:20 855 WILSON 08/16-12/19 GR 077
- E 22974 Lec TR 5:00 6:15 303 KIRST 08/16-12/19 GR 079
- E 22973 Lec TR 6:30 7:45 303 KIRST 08/16-12/19 GR 078
- E 20953 Lec By Arr 3.0 Hrs/Wk HYBRID HOFFMAN 08/16-12/19 GR HP1

ENGL 1A-HP1 is a hybrid PACE Course with 2 required on-campus meetings on Tuesday, August 22 and December 5, 7:00-8:50 pm; room 354. Only PACE students may enroll in this class until 7/5. From 7/6, any student may enroll in remaining open spaces. For information on the PACE Program, go to <http://www.chabotcollege.edu/PACE>

- O 20136 By Arr 3.0 Hrs/Wk HYBRID HANSEN 08/16-12/19 GR H01
This is an online course with required on-campus meetings. This course meets face to face in Building 300, Room 354 on two Wednesdays, August 23 and December 6, from 5:00-6:50 PM. For more important additional information read the Online Course Information page toward the end of the schedule AND go to www.chabotcollege.edu/online
- O 20207 By Arr 3.0 Hrs/Wk HYBRID CARTWRIGHT 08/16-12/19 GR H02
This is an online course with required on-campus meetings. This course meets face to face in Building 300, Room 354 on two Wednesdays, August 23 and December 6, from 7:00-8:50 PM. For more important additional information read the Online Course Information page toward the end of the schedule AND go to www.chabotcollege.edu/online
- O 20563 By Arr 3.0 Hrs/Wk HYBRID FIRESTONE 08/16-12/19 GR H03
This is an online course with required on-campus meetings. This course meets face to face in Building 300, Room 354 two Thursdays, August 24 and December 7, from 5:00-6:50 PM. For more important additional information read the Online Course Information page toward the end of the schedule AND go to www.chabotcollege.edu/online

ENGL 4 CRITICAL THINK/WRITE LIT 3.0 Units
Develops critical thinking, reading, and writing skills as they apply to the analysis of fiction (short stories and novel), poetry and drama. **Prerequisite: English 1A (completed with a grade of C or higher).**

D 20217 Lec TR 10:30 11:45 853 KINCHELOE 08/16-12/19 GR FY2
This section is dedicated to our First Year Experience students. For pathway registration course numbers or information on the program, please visit us at www.chabotcollege.edu/FYE

ENGL 4 (CONTINUED TOP OF NEXT COLUMN)

ENGL 4 (CONTINUED)

D 20524 Lec MW 9:00 10:15 853 DE WIT 08/16-12/19 GR DA1
The Daraja Project is a year-long, accelerated writing, mentoring and counseling program with a curriculum that focuses on African-American authors and issues. It is designed for students who want to transfer to four-year colleges and universities. The program is open to all students who meet the qualifications for enrollment. As a condition of enrollment in the Daraja Project, students will be required to sign an agreement to conform to program requirements. Students will be required to participate in all course and program activities. For more information, call (510) 723-6747.

- D 21858 Lec MW 7:30 8:45 802 GUERRERO 08/16-12/19 GR 001
- D 20690 Lec MW 9:00 10:15 802 CABRERA 08/16-12/19 GR 002
- D 22560 Lec MW 9:00 10:15 854 WEBSTER 08/16-12/19 GR 003
- D 21448 Lec MW 12:00 1:15 1755 LORETTE 08/16-12/19 GR 004
- D 21449 Lec MW 12:00 1:15 506 MATTHEWS 08/16-12/19 GR 005
- D 20150 Lec MW 4:00 5:15 359 FLYNN 08/16-12/19 GR 006
- D 20147 Lec TR 9:00 10:15 356 FOTH 08/16-12/19 GR 007
- D 20766 Lec TR 10:30 11:45 356 ZAPPA 08/16-12/19 GR 008
- D 20148 Lec TR 2:30 3:45 861 KEEBLE 08/16-12/19 GR 009
- D 20149 Lec Fri 9:00 11:50 856 FICARRA 08/16-12/19 GR 010
- D 22860 Lec TR 9:00 10:15 353 HERVEY 08/16-12/19 GR 011
- E 20151 Lec Mon 7:00 9:50 356 DE WIT 08/16-12/19 GR 071
- E 20753 Lec Tue 6:30 9:20 861 WOODS 08/16-12/19 GR 072
- E 21641 Lec Wed 6:00 8:50 510 FICARRA 08/16-12/19 GR 073
- E 20711 Lec Fri 6:00 9:10 357 ADAMS 10/07-12/08 GR WC1
Lec Sat 9:00 12:10 357 GR

This is an Express class, taught on a compressed schedule. Please note the late-start and early-finish dates above.

- O 20183 By Arr 3.0 Hrs/Wk HYBRID WEBSTER 08/16-12/19 GR H01
This is an online course with required on-campus meetings. This course meets face to face in Building 300, Room 354 two Thursdays, August 24 and December 7, from 7:00-8:50 PM. For more important additional information read the Online Course Information page toward the end of the schedule AND go to www.chabotcollege.edu/online.
- O 20793 By Arr 3.0 Hrs/Wk HYBRID HIGGINS 08/16-12/19 GR H02
This is an online course with required on-campus meetings. This course meets face to face in Building 300, Room 354 two Tuesdays, August 22 and December 5 from 5:00-6:50 PM. For more important additional information read the Online Course Information page toward the end of the schedule AND go to www.chabotcollege.edu/online.

ENGL 7 CRITICAL THINK/WRITE ACROSS 3.0 Units

Develops critical thinking, reading, and writing skills as they apply to the textual analysis of primary and secondary non-fiction and book-length works from a range of academic and cultural contexts. Written, research-based argument. **Prerequisite: English 1A (completed with a grade of "C" or higher).**

- D 20713 Lec MW 7:30 8:45 853 HUF Gard 08/16-12/19 GR 001
- D 20773 Lec MW 12:00 1:15 859 CABRERA 08/16-12/19 GR 002
- D 20153 Lec MW 1:30 2:45 853 TREANOR 08/16-12/19 GR 003
- D 20712 Lec TR 9:00 10:15 357 Staff-Lang 08/16-12/19 GR 004
- D 20714 Lec TR 10:30 11:45 855 Staff-Lang 08/16-12/19 GR 005
- D 21859 Lec TR 1:30 2:45 2254 Staff-Lang 08/16-12/19 GR 006
- D 21450 Lec TR 3:00 4:15 356 TRAYLOR 08/16-12/19 GR 007
- D 20152 Lec MW 9:00 10:15 807 ZAPPA 08/16-12/19 GR CIN

CIN (Change it Now!) is a year-long, accelerated writing and leadership program designed to empower students interested in social change, who would also like to transfer to four-year colleges and universities. Students enrolled in the program self-select various community issues to explore such as: education, health care, budget cuts, environmental issues, poverty, violence and any other issues that they find relevant to their lives. CIN students build strong relationships with each other and develop skills to become leaders in their communities. For more information, see our website www.chabotcollege.edu/CIN. CIN! Student Orientation will be held on Friday, August 25, 2017 from 10am-2pm on the Chabot campus. Attendance is required. CIN! staff will contact you in July/August with more details for the event.

- E 23167 Lec Wed 6:30 9:20 301 MAZE 08/16-12/19 GR 071
- E 22044 Lec Thu 6:30 9:20 510 WILSON 08/16-12/19 GR OP1
This is a PACE Course. Only PACE students may enroll in this class until 7/5. From 7/6, any student may enroll in remaining open spaces. For information on the PACE Program, go to <http://www.chabotcollege.edu/PACE>
- O 20528 By Arr 3.0 Hrs/Wk HYBRID LANGDON 08/16-12/19 GR H01
This is an online course with two required on-campus meetings. This course meets face to face in Building 300, Room 354, on Monday, August 21 and December 4, from 7:00-8:50 p.m. For more important additional information read the Online Course Information page toward the end of the schedule AND go to www.chabotcollege.edu/online
- O 22561 By Arr 3.0 Hrs/Wk HYBRID SILVER 08/16-12/19 GR H02
This is an online course with two required on-campus meetings. This course meets face to face in Building 300, Room 354, on Monday, August 21 and December 4, from 5:00-6:50 p.m. For more important additional information read the Online Course Information page toward the end of the schedule AND go to www.chabotcollege.edu/online

ENGL 11A INTRO TO CREATIVE WRITING 3.0 Units

Elements of creative writing, including narrative, verse and dialogue, using materials drawn from individual's own work and selected texts.

E 21649	Lec Tue	7:00 9:50	853	HIGGINS	08/16-12/19	OP 071
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ENGL 11B INTERMEDIATE CREATIVE WRITING 3.0 Units

Elements of creative writing at an intermediate level. Builds on the skills developed in English 11A including short story development, poetry writing and play writing, using materials drawn from individual's own work and selected texts. **Prerequisite: ENGL 11A (completed with a grade of "C" or higher).**

E 21861	Lec Tue	7:00 9:50	853	HIGGINS	08/16-12/19	OP 071
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ENGL 12A THE CRAFT OF WRITING - FICTION 3.0 Units

Practice in writing fiction. Developing internal and external sources for stories and novels; biographical sources, characterization, plotting, points of view, narrative techniques; analysis and criticism of published writing and individual's own work. **Strongly Recommended: Eligibility for ENGL 1A.**

D 21650	Lec TR	10:30 11:45	351	WOODHAMS	08/16-12/19	OP 001
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E 21651	Lec Wed	7:00 9:50	851	KAPLAN	08/16-12/19	OP 071
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ENGL 12B INTER CRAFT OF WRITING-FICTION 3.0 Units

Practice in writing fiction at an intermediate level. Builds on the skills developed in English 12A by requiring greater use of description, detail, character development, consistent point of view, and logical plotting that avoids cliché. Focus on developing themes that create intellectual or emotional resonance. Expectation of sentence structure, grammar, and format accuracy. Develop internal and external sources for stories and novels; analysis and criticism of published work. Requires submission for publication at the end of the semester. **Prerequisite: ENGL 12A (completed with a grade of "C" or higher).**

D 21864	Lec TR	10:30 11:45	351	WOODHAMS	08/16-12/19	OP 001
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E 21865	Lec Wed	7:00 9:50	851	KAPLAN	08/16-12/19	OP 071
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ENGL 19A LITERARY MAGAZINE WORKSHOP 1.0 Units

Practical workshop training in the managing, editing, and printing of a literary supplement and/or magazine. Workshop enrollment constitutes the staff of the magazine. **Strongly Recommended: Eligibility for ENGL 1A.**

D 22985	Lec TR	12:00 12:50	851	WOODHAMS	08/16-12/19	GR 001
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ENGL 19B INTERMED LITERARY MAGAZINE WK 1.0 Units

Intermediate practical workshop training in running, producing, and collaborating on a literary magazine, including a focus on design and layout, selecting submissions and editing manuscripts, and maintaining a web based presence. **Strongly Recommended: Eligibility for ENGL 1A Prerequisite: ENGL 19A (completed with a grade of "C" or higher)**

D 22988	Lec TR	12:00 12:50	851	WOODHAMS	08/16-12/19	GR 001
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ENGL 22 MEX AMER/LATINO LIT OF U.S. 3.0 Units

Introduction to literary works in fiction, poetry, drama and the essay which are concerned with the Mexican American/Latino cultural experience. Analysis of literature in the context of literary-historical growth of Mexican American/Latino identity in the United States in the 19th and 20th centuries.

Strongly recommended: Eligibility for English 1A.

D 20514	Lec TR	1:00 2:15	359	LAND	08/16-12/19	OP 001
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ENGL 25 ASIAN-AMERICAN LITERATURE 3.0 Units

Introduction to literary works of fiction, poetry, drama and the essay that reflect and explore the diversity of the Asian-American experience. Analysis of literature in the context of the historical growth of Asian-American identities with a focus on the 20th century. **Strongly recommended: Eligibility for English 1A.**

D 22562	Lec TR	9:00 10:15	853	TENN	08/16-12/19	OP 001
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ENGL 32 U.S. WOMENS LITERATURE 3.0 Units

Expression of U.S. women authors through readings in a variety of genres such as fiction, poetry, drama, and the essay. Authors of varied racial and ethnic backgrounds are used in an effort to understand the diversity of women's voices, especially in the 20th century. **Strongly recommended: Eligibility for English 1A.**

E 21158	Lec MW	3:00 4:15	853	MCLEAN	08/16-12/19	OP WA1
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ENGL 35 MODERN & CONTEMPORARY U.S. LIT 3.0 Units

U.S. literature from the second half of the 19th Century to the present, including poetry, drama, prose fiction, and essays. Explores each work in relation to its social, cultural and historical contexts, and emphasizes the analysis of defining moments of the times as they are reflected in literature.

Includes some research. **Prerequisite: ENGL 102 (completed with a grade of "P"**

or higher), ENGL 101B (completed with a grade of "P" or higher) or eligibility for English 1A based on Accuplacer test score. **Strongly Recommended: ENGL 1A**

D 22234	Lec MW	12:00 1:15	555	TENN	08/16-12/19	OP 001
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ENGL 48 LITERATURE OF THE HOLOCAUST 3.0 Units

Explores the literature of the Holocaust through readings in a variety of genres including the memoir, the diary, the essay, as well as fiction and poetry. Historically and culturally contextualizes the literature and examines the implications of writing which attempts to represent the Nazi genocide against the Jews. **Strongly recommended: Eligibility for English 1A.**

D 20515	Lec MW	10:30 11:45	356	RAJARAM	08/16-12/19	OP 001
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ENGL 101A READING, REASONING & WRITING I 4.0 Units

Academic reading, critical thinking and writing expected in transfer and associate-degree classes. First semester of a two-semester sequence. **Strongly recommended: Participation in the English placement process.**

D 20116	Lec MW	8:10 9:25	1753	MATTHEWS	08/16-12/19	P/N 001
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	Lab MW	9:30 10:20	1753			P/N
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D 22563	Lec MW	9:00 10:15	1752	TENN	08/16-12/19	P/N 002
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	Lab MW	10:20 11:10	1752			P/N
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D 20117	Lec MW	10:30 11:45	851	MCLEAN	08/16-12/19	P/N 003
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	Lab MW	11:50 12:40	851			P/N
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D 21241	Lec MW	12:00 1:15	356	OLMEDO	08/16-12/19	P/N 004
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	Lab MW	1:20 2:10	356			P/N
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D 20698	Lec MW	1:30 2:45	353	WORTHINGTON	08/16-12/19	P/N 005
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	Lab MW	2:50 3:40	353			P/N
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D 21866	Lec TR	9:00 10:15	802	ANDERSON	08/16-12/19	P/N 006
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	Lab TR	10:20 11:10	802			P/N
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D 20138	Lec TR	9:45 11:00	852	MAGALLON	08/16-12/19	P/N 007
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	Lab TR	11:05 11:55	852			P/N
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D 20233	Lec TR	1:30 2:45	855	TENN	08/16-12/19	P/N 008
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	Lab TR	2:50 3:40	855			P/N
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D 20137	Lec TR	2:50 4:05	852	LANGDON	08/16-12/19	P/N 009
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	Lab TR	4:10 5:00	852			P/N
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D 22564	Lec TR	4:00 5:15	351	MCLEAN	08/16-12/19	P/N 010
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	Lab TR	5:20 6:10	351			P/N
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E 20232	Lec MW	6:30 7:45	858	FLYNN	08/16-12/19	P/N 071
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	Lab MW	7:50 8:40	858			P/N
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E 22100	Lec TR	6:30 7:45	858	LANGDON	08/16-12/19	P/N 072
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	Lab TR	7:50 8:40	858			P/N
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ENGL 101B READING, REASONING, WRITING II 4.0 Units

Second semester study of academic reading, reasoning, and writing skills.

Preparation for academic reading, critical thinking, and writing expected in transfer and associate-degree classes. **Prerequisite: successful completion of English 101A.**

D 20140	Lec MW	8:10 9:25	801	Staff-Lang	08/16-12/19	P/N 001
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	Lab MW	9:30 10:20	801			P/N
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D 20567	Lec MW	9:00 10:15	855	MAGALLON	08/16-12/19	P/N 002
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	Lab MW	10:20 11:10	855			P/N
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D 20231	Lec MW	1:30 2:45	856	LORETTE	08/16-12/19	P/N 003
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	Lab MW	2:50 3:40	856			P/N
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D 20474	Lec TR	1:00 2:15	858	YUNGERMAN	08/16-12/19	P/N 004
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	Lab TR	2:20 3:10	858			P/N
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E 20780	Lec TR	6:30 7:45	852	TOLBERT	08/16-12/19	P/N 071
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	Lab TR	7:50 8:40	852			P/N
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FALL 2017

ENGL 102 READ/REASON/WRITE-ACCELERATED 4.0 Units

Preparation for academic reading, critical thinking, and writing expected in transfer and associate-degree classes. **Strongly recommended: Participation in the English placement process.**

CRN	Type	Day(s)	Times	Room	Instructor	Dates	Code	Sec
D 21123	Lec	MW	10:30 11:45	853	JOHNSTON	08/16-12/19	P/N	CIN
	Lab	MW	11:50 12:40	853			P/N	
<p><i>This course is open to all students. This class is part of the CIN! (Change it Now!) Learning Community. CIN! is a year-long, accelerated writing and leadership program designed to empower students interested in social change, who would also like to transfer to four-year colleges and universities. Students enrolled in the program self-select various community issues to explore such as: education, health care, budget cuts, environmental issues, poverty, violence and any other issues that they find relevant to their lives. CIN students build strong relationships with each other and develop skills to become leaders in their communities. For more information including all Pathway course registration numbers, see our website www.chabotcollege.edu/CIN. CIN! Student Orientation will be held on Friday, August 25, 2017 from 10am-2pm on the Chabot campus. Attendance is required. CIN! staff will contact you in July/August with more details for the event.</i></p>								
D 21122	Lec	MW	10:30 11:45	805	DE WIT	08/16-12/19	P/N	DA1
	Lab	MW	11:50 12:40	805			P/N	
<p>ENGL 102-DA1 is part of the DARAJA Project. As a condition of enrollment, students will be required to sign an agreement to conform to program requirements. Students will be required to participate in all course and program activities. For more information, call 510-723-6747. http://www.chabotcollege.edu/daraja/ "Students enrolled in Daraja must attend the Daraja Study Space, Mondays and Wednesdays from 12:30-2. Please make time in your schedule."</p>								
D 20275	Lec	MW	10:30 11:45	807	WILLIAMS	08/16-12/19	P/N	DA2
	Lab	MW	11:50 12:40	807			P/N	
<p>ENGL 102-DA2 is part of the DARAJA Project. As a condition of enrollment, students will be required to sign an agreement to conform to program requirements. Students will be required to participate in all course and program activities. For more information, call 510-723-6747. http://www.chabotcollege.edu/daraja/ "Students enrolled in Daraja must attend the Daraja Study Space, Mondays and Wednesdays from 12:45-2. Please make time in your schedule."</p>								
D 20716	Lec	MW	10:30 11:45	510	HUFGARD	08/16-12/19	P/N	FY1
	Lab	MW	11:50 12:40	510			P/N	
<p>This section is dedicated to our First Year Experience students. For pathway registration course numbers or information on the program, please visit us at www.chabotcollege.edu/FYE</p>								
D 22235	Lec	MW	10:30 11:45	353	HODSDON	08/16-12/19	P/N	FY4
	Lab	MW	11:50 12:40	353			P/N	
<p>This section is dedicated to our First Year Experience students. For pathway registration course numbers or information on the program, please visit us at www.chabotcollege.edu/FYE</p>								
D 20271	Lec	TR	8:10 9:25	854	CARTWRIGHT	08/16-12/19	P/N	FY6
	Lab	TR	9:30 10:20	854			P/N	
<p>This section is dedicated to our First Year Experience students. For pathway registration course numbers or information on the program, please visit us at www.chabotcollege.edu/FYE</p>								
D 22236	Lec	MW	10:30 11:45	1906	GRUBER	08/16-12/19	P/N	FY7
	Lab	MW	11:50 12:40	1906			P/N	
<p>This section of English 102 is dedicated to First Year Experience students. For pathway registration course numbers or information please visit us at http://www.chabotcollege.edu/FYE</p>								
D 20272	Lec	MW	9:00 10:15	858	GUERRERO	08/16-12/19	P/N	PU1
	Lab	MW	10:20 11:10	858			P/N	
<p>This Puente course (Section PU1) focuses on Latino authors and issues and is part of a two-semester program designated for students who intend to transfer to a four-year college. Students also receive mentoring from professionals in the community and academic support from the Puente counselor. The program is open to all students, but interested students must agree to all program requirements. For more information, please contact Sandra Genera at (510) 723-7120 or by email sgenera@chabotcollege.edu</p>								
D 20270	Lec	TR	9:00 10:15	858	HUERTA	08/16-12/19	P/N	PU2
	Lab	TR	10:20 11:10	858			P/N	
<p>This Puente course (Section PU2) focuses on Latino authors and issues and is part of a two-semester program designated for students who intend to transfer to a four-year college. Students also receive mentoring from professionals in the community and academic support from the Puente counselor. The program is open to all students, but interested students must agree to all program requirements. For more information, please contact Sandra Genera at (510) 723-7120 instructor or by email sgenera@chabotcollege.edu</p>								
D 20274	Lec	MW	8:10 9:25	1703	HERN	08/16-12/19	P/N	001
	Lab	MW	9:30 10:20	1703			P/N	
D 22570	Lec	MW	8:10 9:25	805	FOTH	08/16-12/19	P/N	002
	Lab	MW	9:30 10:20	805			P/N	
D 20992	Lec	MW	9:40 10:55	857	YUNGERMAN	08/16-12/19	P/N	003
	Lab	MW	11:00 11:50	857			P/N	

ENGL 102 (CONTINUED TOP OF NEXT COLUMN)

ENGL 102 (CONTINUED)

D 20752	Lec	MW	12:00 1:15	357	ZAPPA	08/16-12/19	P/N	004
	Lab	MW	1:20 2:10	357			P/N	
D 21193	Lec	MW	12:00 1:15	455	Staff-Lang	08/16-12/19	P/N	005
	Lab	MW	1:20 2:10	455			P/N	
D 20276	Lec	MW	12:45 2:00	851	NEGUS	08/16-12/19	P/N	006
	Lab	MW	2:05 2:55	851			P/N	
D 21160	Lec	MW	1:30 2:45	359	YUNGERMAN	08/16-12/19	P/N	007
	Lab	MW	2:50 3:40	359			P/N	
D 21006	Lec	MW	1:30 2:45	3932	RAJARAM	08/16-12/19	P/N	008
	Lab	MW	2:50 3:40	3932			P/N	
D 20250	Lec	MW	3:00 4:15	852	TREANOR	08/16-12/19	P/N	009
	Lab	MW	4:20 5:10	852			P/N	
D 21638	Lec	MW	3:00 4:15	854	MC FARLAND	08/16-12/19	P/N	010
	Lab	MW	4:20 5:10	854			P/N	
D 20273	Lec	TR	8:10 9:25	855	KELLER	08/16-12/19	P/N	011
	Lab	TR	9:30 10:20	855			P/N	
D 21212	Lec	TR	1:00 2:15	351	JOHNSTON	08/16-12/19	P/N	012
	Lab	TR	2:20 3:10	351			P/N	
D 20278	Lec	TR	3:30 4:45	858	MAGALLON	08/16-12/19	P/N	013
	Lab	TR	4:50 5:40	858			P/N	
D 20922	Lec	TR	4:00 5:15	859	PUCKETT	08/16-12/19	P/N	014
	Lab	TR	5:20 6:10	859			P/N	
D 21639	Lec	TR	1:00 2:15	807	WILLIAMS	08/16-12/19	P/N	015
	Lab	TR	2:20 3:10	807			P/N	

E 20751	Lec	MW	6:30 7:45	857	WOODS	08/16-12/19	P/N	071
	Lab	MW	7:50 8:40	857			P/N	
E 22975	Lab	TR	6:30 7:20	854	TRAYLOR	08/16-12/19	P/N	0P1
	Lec	TR	7:30 8:45	854			P/N	
E 22160	Lec	Tue	5:00 7:50	356	ULIBARRI-SP	08/16-12/19	P/N	H71
	Lab	By Arr	2.0 Hrs/Wk	HYBRID			P/N	

This is an online hybrid course with required on-campus meetings. This course meets face to face in Building 300, Room 353 on Tuesdays from 5:00-7:50 PM. For more important additional information read the Online Course Information page toward the end of the schedule AND go to www.chabotcollege.edu/online

ENGL 137 PROOFREADING FOR COLLEGE WRITING 3.0 Units

Includes parts of speech, sentence patterns, sentence construction, and identifying and correcting sentence level errors in conjunction with writing; strong emphasis on support for college-level writing in English courses and other courses requiring writing. This course is designed as a support course, to be taken concurrently with English or any class requiring academic writing. Strongly Recommended: concurrent enrollment in any English or other course requiring academic writing. This course is designed as a support class for other classes in which writing is a focus.

E 22994	Lec	Wed	6:00 9:30	859	LANGDON	08/30-12/06	P/N	E71
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ENGLISH AS A SECOND LANGUAGE

ESL 108 BASIC SPELLING FOR ESL 1.0 Units

Basic sound/spelling patterns of English. Develops an understanding of the sounds and symbols of English, including open/closed syllables, short and long vowel sounds, consonant cluster sounds, spelling of homophones and other problem words in everyday English. Includes basic dictionary use.

D 21421	Lec	Fri	9:00 9:50	859	SO	08/16-12/19	P/N	001
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ESL 110A HIGH BEGINNING READING&WRITING 6.0 Units

A comprehensive review of basic sentence types; short writing assignments; reading fiction and nonfiction; reinforces fluency in reading, writing, and grammar.

D 20126	Lec	MW	9:00 11:50	357	HINTZ	08/16-12/19	P/N	001
D 22995	Lec	MW	12:00 2:50	3934	MEJIA	08/16-12/19	P/N	002
D 20838	Lec	TR	9:00 11:50	861	BLAIR	08/16-12/19	P/N	003
E 20127	Lec	MW	6:30 9:20	357	IKEDA	08/16-12/19	P/N	071

ESL 110B INTERMEDIATE READING & WRITING 6.0 Units

Logical paragraph development, reading both fiction and nonfiction; emphasis on the development of vocabulary and grammatical structures of written English. **Prerequisite: A grade of pass in ESL 110A (or eligibility for ESL 110B demonstrated through ESL Placement Process).**

D 20601	Lec	MW	12:00 2:50	857	BLAIR	08/16-12/19	P/N	001
D 20123	Lec	TR	9:00 11:50	807	Staff-Lang	08/16-12/19	P/N	002
E 21867	Lec	MW	6:30 9:20	351	CONNOLLY	08/16-12/19	P/N	071
E 23197	Lec	TR	6:30 9:20	855	ADES	08/16-12/19	P/N	072

CRN	Type	Day(s)	Times	Room	Instructor	Dates	Code	Sec
ESL 110C HIGH INTERMEDIATE READ/WRITING 6.0 Units								
Expository paragraphs and short essays, fiction and non-fiction reading; emphasis on the development of vocabulary and grammatical structures of written English. Prerequisite: A grade of pass in ESL 110B (or eligibility for ESL 110C demonstrated through the ESL Placement Process).								
D 22237	Lec	MW	9:00 11:50	3924	BELL	08/16-12/19	P/N	001
D 20124	Lec	TR	9:00 11:50	851	HINTZ	08/16-12/19	P/N	002
D 20277	Lec	TR	1:00 3:50	357	GUAN	08/16-12/19	P/N	003
E 20177	Lec	MW	6:30 9:20	852	RAMOS	08/16-12/19	P/N	071

CRN	Type	Day(s)	Times	Room	Instructor	Dates	Code	Sec
ESL 110D ADVANCED READING & WRITING 6.0 Units								
Expository essays, critical reading; emphasis on advanced development of vocabulary and grammatical structures of written English. Prerequisite: A grade of pass in ESL 110C (or eligibility for ESL 110D demonstrated through the ESL Placement Process).								
D 20125	Lec	MW	9:00 11:50	861	Staff-Lang	08/16-12/19	P/N	001
D 21420	Lec	TR	1:00 3:50	857	UCHIYAMA	08/16-12/19	P/N	002
E 20184	Lec	MW	6:30 9:20	861	BROOKS	08/16-12/19	P/N	071

CRN	Type	Day(s)	Times	Room	Instructor	Dates	Code	Sec
ESL 111A PRONUNCIATION 2.0 Units								
Oral English with emphasis on strategies for clear pronunciation.								
E 21167	Lec	Mon	6:30 7:20	359	LEWIS	08/16-12/19	P/N	071
	Lab	Mon	7:25 8:15	359			P/N	
	Lab	Wed	6:30 8:20	359			P/N	

CRN	Type	Day(s)	Times	Room	Instructor	Dates	Code	Sec
ESL 111B ACADEMIC LISTENING & SPEAKING 2.0 Units								
Group and individual practice producing and responding to oral English in the academic environment.								
D 20842	Lec	Mon	1:00 1:50	811	SO	08/16-12/19	P/N	001
	Lab	Mon	1:55 2:45	811			P/N	
	Lab	Wed	1:00 2:50	811			P/N	

Recommended: Eligibility for ESL 110C or higher.

CRN	Type	Day(s)	Times	Room	Instructor	Dates	Code	Sec
ESL 116A INTRO TO REVIEW OF BASIC ENGLI 3.0 Units								
A comprehensive review of basic sentence types; short writing assignments; reading fiction and nonfiction; reinforces fluency in reading, writing, and grammar.								
E 22161	Lec	Wed	6:30 9:20	853	TODD	08/16-12/19	P/N	071

CRN	Type	Day(s)	Times	Room	Instructor	Dates	Code	Sec
ESL 122 WRITNG WRKSHP NON-NTVE SPKRS 3 0.5 Units								
This course is for non-native speakers of English who are taking English courses or other courses that require academic writing. It is also open to students enrolled in ESL courses. Editing and the writing process are emphasized, but all aspects of the writing process are addressed as needed on an individual basis.								
D 22999	Lab	Fri	10:30 12:35	TBA	UCHIYAMA	09/08-12/08	P/N	E01
D 23009	Lab	Fri	10:30 12:35	TBA	Staff-Lang	09/08-12/08	P/N	E02

CRN	Type	Day(s)	Times	Room	Instructor	Dates	Code	Sec
ESL 127 ESL PRONUNCIATION LAB 0.5 Units								
Individual practice producing and responding to oral English with emphasis on clear pronunciation through computer assisted instruction with tutorial support.								
D 21556	Lab	By Arr	1.5 Hrs/Wk	146A	TODD	08/16-12/19	P/N	001

Go to the Learning Connection located downstairs in Building 100, Room 108 (during the first week of classes) to obtain the syllabus and schedule your orientation.

CRN	Type	Day(s)	Times	Room	Instructor	Dates	Code	Sec
ESL 150 GUIDED ESL SKILLS LAB 1.0 Units								
The guided ESL skills lab supplements classroom instruction for any ESL student. In a supportive, guided lab setting, students use educational software, online and audio-visual materials, one-on-one coaching, and other valuable resources to expand and enrich the learning experience beyond the classroom.								
D 23010	Lec	Mon	1:00 1:50	108	HINTZ	08/16-12/19	P/N	001
	Lab	Wed	1:00 1:50	108			P/N	

ENTREPRENEURSHIP

CRN	Type	Day(s)	Times	Room	Instructor	Dates	Code	Sec
ENTR 1 INTRO TO ENTREPRENEURSHIP 3.0 Units								
Introduction to the key concepts and skill requirements for new business creation. Evaluation of personal entrepreneurship skills. Emphasis on identifying business opportunities, securing funding, and planning for new venture start-up.								
D 21297	Lec	MW	9:00 10:15	1608	BAILEY	08/16-12/19	OP	001
E 22727	Lec	Tue	6:00 9:20	1609	GRAVES	09/05-12/19	OP	E71
O 21104	By Arr		3.0 Hrs/Wk	ONLINE	COLON	08/16-12/19	OP	ON1

ENTR 1-ON1 is an online course with no required on-campus meetings. For important additional information, go to <http://www.chabotcollege.edu/online/>

CRN	Type	Day(s)	Times	Room	Instructor	Dates	Code	Sec
ENTR 5 THE ENTREPRENEURIAL MINDSET 3.0 Units								
A study of social and business entrepreneurs throughout history and around the world. An exploration of the traits that enable entrepreneurs to thrive in vastly different cultures and eras, and the important contributions made by these innovators.								
D 22198	Lec	MW	10:30 11:45	1608	BAILEY	08/16-12/19	GR	001

CRN	Type	Day(s)	Times	Room	Instructor	Dates	Code	Sec
ENTR 20 MARKETING FOR ENTREPRENEURS 3.0 Units								
Marketing strategy and techniques for start-up and small businesses. Focus on low-cost, flexible, innovative marketing tools.								
E 21305	By Arr		3.6 Hrs/Wk	ONLINE	COLON	09/05-12/19	OP	EN1

ENTR 20-EN1 is an online course with no required on-campus meetings. Success in this course will require student to have personal access to a computer station that can run software related to this course and Internet connectivity. For important additional information, go to <http://www.chabotcollege.edu/online>

ETHNIC STUDIES

CRN	Type	Day(s)	Times	Room	Instructor	Dates	Code	Sec
ES 1 INTRO TO ETHNIC STUDIES 3.0 Units								
An introduction to the historical and socio-cultural experiences of racial and ethnic groups in the United States. Focus will be on key issues such as immigration, political stratification, employment discrimination, Americanization, class, racial and ethnic identity, and gender roles that have shaped relations in American society. Study is inter-and multidisciplinary. A comparative approach covering African American, Mexican American, Asian American, Native American and Middle Eastern American.								
D 22720	Lec	TR	9:00 10:15	554	FISCHER	08/16-12/19	GR	A01
D 23062	Lec	TR	1:30 2:45	510	FISCHER	08/16-12/19	GR	A02
D 22724	Lec	MW	1:30 2:45	556	SALINAS	08/16-12/19	GR	A03
D 22966	Lec	MW	10:30 11:45	551	FISCHER	08/16-12/19	GR	A04
O 21462	By Arr		3.0 Hrs/Wk	ONLINE	FISCHER	08/16-12/19	GR	AN1
O 23327	By Arr		3.0 Hrs/Wk	ONLINE	FISCHER	08/16-12/19	GR	AN2

ES 1-AN1/AN2 are online courses with no required on-campus meetings. For important additional information, go to <http://www.chabotcollege.edu/online>

CRN	Type	Day(s)	Times	Room	Instructor	Dates	Code	Sec
ES 2 U.S. ETHNIC MINORITY FAMILIES 3.0 Units								
Examination of the diversity of contemporary United States ethnic minority families with an emphasis on comparison and contrast. Family dynamics and processes will be the primary focus within the context of ethnicity. Adaptation and responses to dominant group social constructs and social structures will also be examined. Groups to include: African American; Asian American; Mexican-Central and Latin American; Native American; Middle Eastern American.								
D 22545	Lec	MW	12:00 1:15	551	FISCHER	08/16-12/19	GR	A01

FIRE TECHNOLOGY

CRN	Type	Day(s)	Times	Room	Instructor	Dates	Code	Sec
FT 7 HEALTH & FITNESS FOR FIRE SERV 3.0 Units								
Health, wellness and physical fitness are examined from a global and occupational viewpoint. Emphasis on the Seven Dimensions of Wellness from a Fire Service perspective. An introduction to concepts of lifetime fitness and wellness with an emphasis on physical fitness and lifestyle choices. May not receive credit if KINE 24 has been completed.								
O 23012	By Arr		3.0 Hrs/Wk	ONLINE	PASTORE	08/16-12/19	GR	ON1

FT 7-ON1 is an online course with no required on-campus meetings. For important additional information, go to <http://www.chabotcollege.edu/online>

FT 50 FIRE PROTECTION ORGANIZATION 3.0 Units

Introduction to fire protection, career opportunities in fire protection and related fields, philosophy and history of fire protection, fire loss analysis, organization and function of public and private fire protection services; fire departments as part of local government; laws and regulations affecting the fire services; fire nomenclature; specific fire protection functions; basic fire chemistry and physics; introduction to fire protection systems; introduction to fire strategy and tactics.

Strongly Recommended: Eligibility for English 1A.

D 20426	Lec MW	8:30 11:35	1560	BUELL	08/16-10/11	GR	H01
	Lab Sat	9:00 11:50	*081		09/09-09/09	GR	
	Lab Sat	1:00 3:50	1613		09/09-09/09	GR	
	Lab Sat	9:00 11:50	1613		09/16-09/16	GR	
	Lab Sat	1:00 3:50	1613		09/16-09/16	GR	

Offsite room *081 meets at ALAMEDA COUNTY FIRE DEPARTMENT TRAINING CTR 890 LOLA SAN LEANDRO, CA FT 50, section H01 is a short-term Hybrid course with meetings on-campus, and 20 lecture hours conducted over the Internet. 12 lab hours will be conducted on and off campus over two Saturdays. Online lecture and Saturday lab schedule will be available on the first day of class, August 16. For important additional information, go to <http://www.chabotcollege.edu/online>

E 20427	Lec Mon	6:00 9:50	1560	PRZIBOROWSK	08/21-11/20	GR	E71
	Lab Sat	9:00 11:50	*081		09/09-09/09	GR	
	Lab Sat	1:00 3:50	1613		09/09-09/09	GR	
	Lab Sat	9:00 11:50	1613		09/16-09/16	GR	
	Lab Sat	1:00 3:50	1613		09/16-09/16	GR	

Offsite room *081 meets at ALAMEDA COUNTY FIRE DEPARTMENT TRAINING CTR 890 LOLA SAN LEANDRO, CA FT 50, section E71 is a web-enhanced course with meetings on-campus, and 12 lab hours conducted on and off campus over two Saturdays. For important additional information, go to <http://www.chabotcollege.edu/online>

FT 51 FIRE SERVICES OPERATIONS 3.0 Units

Fire department organization, management, and resources; fire company organization; resources to control various emergencies; multi-agency coordinating systems; support and regulatory agencies; strategy and tactics applied to structural firefighting, wildland fire fighting, and hazardous material emergencies; and safety conditions.

E 20428	Lec Mon	5:00 9:45	1613	TORRES	08/07-10/23	GR	E71
	Lab Sun	2:00 4:50	*081		10/01-10/01	GR	
	Lab Sat	2:00 4:50	*081		10/07-10/07	GR	

Offsite room *081 meets at ALAMEDA COUNTY FIRE DEPARTMENT TRAINING CTR 890 LOLA SAN LEANDRO, CA FT 51 section E71 is a short-term course, with meetings on-campus, and 6 lab hours conducted off-campus on a Sunday and a Saturday afternoon. Class meets 08/07 thru 10/23. For important additional information, go to <http://www.chabotcollege.edu/online>

FT 51W FIRE EQUIPMENT OPERATIONS 0.5 Units

Application of fire equipment and tools for basic emergency service operations; use of PPE while responding to and operating at an emergency incident; traffic and scene control device deployment; communication device operations; equipment inspection, maintenance, transportation and set up; property conservation equipment application; and thermal imaging camera operations for search, suppression and overhaul support. **Prerequisite: FT 51 (completed with a grade of "C" or higher) or concurrent enrollment in FT 51.**

E 22453	Lab TR	5:00 6:50	*081	TORRES	08/08-09/02	GR	E71
	Lab Sun	9:00 12:20	*081		08/27-08/27	GR	
	Lab Sun	1:00 4:20	*081		08/27-08/27	GR	
	Lab Sat	1:30 5:20	*081		09/02-09/02	GR	

Offsite room *081 meets at ALAMEDA COUNTY FIRE DEPARTMENT TRAINING CTR 890 LOLA SAN LEANDRO, CA FT 51W-E71 is a short-term online course, with meetings off-campus on Tuesday and Thursday evenings. There is an additional Sunday session and a Saturday afternoon. Class meets 08/08 thru 09/02. For important additional information, go to <http://www.chabotcollege.edu/online>

FT 52 FIREFIGHTER SAFETY & SURVIVAL 3.0 Units

Basic principles and history related to the national firefighter life safety initiatives, focusing on the need for cultural and behavior change throughout the emergency services; assessing fire dangers and handling common fire situations; risk abatement and personal preparation for unforeseen fire emergencies; roles and responsibilities in educating the public on fire safety; development of a survival attitude using problem-solving techniques for increased situational awareness and self-reliance in an emergency.

D 20430	Lec MW	8:30 11:35	1560	BROWN	10/16-12/13	GR	E01
	Lab Sat	9:00 11:50	*081		11/04-11/04	GR	
	Lab Sat	1:00 3:50	*081		11/04-11/04	GR	
	Lab Sat	9:00 11:50	*081		11/18-11/18	GR	
	Lab Sat	1:00 3:50	*081		11/18-11/18	GR	

Offsite room *081 meets at ALAMEDA COUNTY FIRE DEPARTMENT TRAINING CTR 890 LOLA SAN LEANDRO, CA

E 20431	Lec Wed	6:30 9:20	1560	HURTADO	08/16-12/13	GR	H71
	Lab Sat	9:00 11:50	*081		11/04-11/04	GR	
	Lab Sat	1:00 3:50	*081		11/04-11/04	GR	
	Lab Sat	9:00 11:50	*081		11/18-11/18	GR	
	Lab Sat	1:00 3:50	*081		11/18-11/18	GR	

Offsite room *081 meets at ALAMEDA COUNTY FIRE DEPARTMENT TRAINING CTR 890 LOLA SAN LEANDRO, CA FT 52, section H71, is a Hybrid course with meetings on-campus, and 24 lecture hours conducted over the Internet. 12 lab hours will be conducted over two Saturdays. Online lecture and Saturday lab schedule will be available on the first day of class, August 16. For important additional information, go to <http://www.chabotcollege.edu/online>

FT 53 FIRE BEHAVIOR AND COMBUSTION 3.0 Units

Theory and fundamentals of why fires start, spread, and are controlled. An in depth study of fire chemistry and physics fire characteristics of materials, extinguishing agents, and control techniques.

D 20432	Lec Tue	9:00 11:50	1612	ZOLFARELLI	08/16-12/19	GR	001
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FT 54 FIRE PREVENTION TECHNOLOGY 3.0 Units

Fundamental information regarding the history and philosophy of fire prevention, organization and operation of a fire prevention bureau, use of fire codes, identification and correction of fire hazards, and the relationships of fire prevention with built-in fire protection systems, fire investigation and fire safety education. Provides skills necessary for California Fire Service Training and Education System, Certified Firefighter I and Fire Inspector I.

E 20429	Lec Thu	7:00 9:50	1613	ZALINSKIS	08/16-12/19	GR	071
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FT 56 BUILDING CONSTRUC/FIRE PROTECT 3.0 Units

Components of building construction that relate to firefighter and life safety. Elements of construction and design of structures as key factors when inspecting buildings, preplanning fire operations, and operating at fires/ collapse emergencies. The development and evolution of building and fire codes in relationship to past fire/ collapses in residential, commercial, and industrial occupancies.

E 20460	Lec Wed	7:00 9:50	1612	ZALINSKIS	08/16-12/19	GR	071
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FT 88A INTRO TO FIRE FITNESS TRAINING 1.0 Units

This course is designed to prepare the Fire Technology student for the physical rigors of FT89 and the Chabot Fire Academy. Course sessions will address aspects of physical training, ladder and hydrant operations and knots utilized in the Fire Service. **May not receive credit if PEAC FFT has been completed.**

D 22137	Lab MW	1:00 2:15	2920	PASTORE	08/16-12/19	OP	001
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E 22138	Lab Wed	6:00 8:50	2920	Staff - Ap	08/16-12/19	OP	071
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FT 88B INTERMED FIRE FITNESS TRAINING 1.0 Units

This course is designed to further the physical fitness and vocational skills of the fire technology student. Course sessions will consist of physical training and continuing fire service skills development. **May not receive credit if PEAC FFT has been completed. Prerequisite: FT 88A or PEAC FFT (completed with a grade of "C" or higher).**

D 22139	Lab MW	1:00 2:15	2920	PASTORE	08/16-12/19	OP	001
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E 22140	Lab Wed	6:00 8:50	2920	Staff - Ap	08/16-12/19	OP	071
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CRN	Type	Day(s)	Times	Room	Instructor	Dates	Code	Sec
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FT 88C ADVANCED FIRE FITNESS TRAINING 1.0 Units

Designed to increase the skill and fitness levels developed in FFT 2 or FT 88B, intermediate fire fitness training. **May not receive credit if PEAC FFT 2 has been completed. Prerequisite: FT 88B or PEAC FFT (completed with a grade of "C" or higher).**

D 22456	Lab	MW	1:00 2:15	2920	PASTORE	08/16-12/19	OP	001
E 22457	Lab	Wed	6:00 8:50	2920	Staff - Ap	08/16-12/19	OP	071

FT 88D TACTICAL FIRE FITNESS TRAINING 1.0 Units

This course is designed to maximize the physical fitness and vocational skills development of the Fire Technology student. **May not receive credit if PEAC FFT 3 has been completed. Prerequisite: FT 88C or PEAC FFT2 (completed with a grade of "C" or higher).**

D 22712	Lab	MW	1:00 2:15	2920	PASTORE	08/16-12/19	OP	001
<i>Class meet 08/17 to 12/14</i>								
D 22713	Lab	Wed	6:00 8:50	2920	Staff - Ap	08/16-12/19	OP	071

FT 89 FIREFIGHTER 1-ACADEMY INTRO 0.5 Units

Orientation and evaluation of the necessary knowledge, skills and abilities to succeed in the Firefighter 1 Academy (Fire Tech 90A, 90B and 90C). Physical fitness and hand-eye coordination skills evaluation. **Prerequisites: Fire Technology 50, 51, 52; Physical Education. Fire Conditioning [2FSC or Kinesiology FSC, FFT-PAC1] or FT 88A or equivalent firefighter physical conditioning training; Health 81 or EMS 2 (or proof of enrollment in an EMT another institution - All courses completed with a grade of "C" or higher). Strongly recommended: or 65A and eligibility for English 1A.**

E 22141	Lec	Wed	5:30 9:20	2920	BUELL	09/27-10/01	P/N	E71
	Lab	Fri	5:00 8:50	2920		09/29-09/29	P/N	
	Lab	Sun	8:30 12:20	2920		10/01-10/01	P/N	
	Lab	Sun	1:00 4:50	1611		10/01-10/01	P/N	
<i>Class Meets 09/27, 09/29, 10/01.</i>								
E 22142	Lec	Tue	5:30 9:20	2920	BUELL	11/07-11/11	P/N	E72
	Lab	Thu	5:00 8:50	2920		11/09-11/09	P/N	
	Lab	Sat	8:30 12:20	2920		11/11-11/11	P/N	
	Lab	Sat	1:00 4:50	2920		11/11-11/11	P/N	
<i>Class meets 11/07, 11/09, and 11/11.</i>								

FT 90A FIREFIGHTER I CERT PREP I 2.0 Units

Development of individual skills and basic knowledge necessary to perform the functions of a firefighter. Practice in donning breathing apparatus, knot tying, placing ladders, pulling hose, making water supply connections and using the incident command system. Students will be required to pass a physical examination by a licensed medical professional and provide the Fire Academy Physical Verification forms and proof of current completion of an Emergency Medical Technician program by the first class meeting. **Prerequisites: Fire Technology 50, 51, 51W, 52 and 89; Physical Education 2FSC or equivalent firefighter physical conditioning training. (Kinesiology FSC, FT 88A) All courses completed with a grade of "C" or higher; Fire Technology 89 completed with P before student may register for 90A).**

E 20433	Lec	TR	7:00 9:50	*081	BUELL	08/05-09/02	GR	E71
	Lab	Sat	8:00 12:20	*081		08/05-08/26	GR	
	Lab	Sat	1:00 5:20	*081		08/05-08/26	GR	
	Lab	Sat	8:00 12:50	*081		09/02-09/02	GR	

*Offsite room *081 meets at ALAMEDA COUNTY FIRE DEPARTMENT TRAINING CTR 890 LOLA SAN LEANDRO, CA FT 90A, Section E71 is an off-campus class that meets at the Alameda County Fire Department Training Facility, 890 Lola Street, San Leandro. Class meets Tuesdays, Thursdays & Saturdays from 8/05 thru 9/02.*

FT 90B FIREFIGHTER I CERT PREP II 2.0 Units

Continuation of skills and basic knowledge necessary to perform the functions of a firefighter, engineer and captain within a fire attack team. Practice in donning breathing apparatus, knot tying, placing ladders, pulling hose, making water supply connections and using the incident command system. **Prerequisite: Fire Technology 90A (completed with a grade of "C" or higher).**

E 20434	Lab	US	8:30 12:20	*081	BUELL	09/12-09/30	GR	E71
	Lab	US	1:30 5:20	*081		09/12-09/30	GR	
	Lec	TR	5:00 8:50	*081		09/12-09/30	GR	

*Offsite room *081 meets at ALAMEDA COUNTY FIRE DEPARTMENT TRAINING CTR 890 LOLA SAN LEANDRO, CA FT 90B, Section E71 is an off-campus class that meets at the Alameda County Fire Department Training Facility, 890 Lola Street, San Leandro. Class meets Tuesdays, Thursdays, Saturdays & Sunday from 9/12 thru 09/30.*

FT 90C FIREFIGHTER I CERT PREP III 2.0 Units

Continuation of skills and basic knowledge necessary to perform the functions of a fire attack team, in multiple company exercises, which include: hose and ladder evolutions, salvage and overhaul techniques; fire attack, control and extinguishment techniques for various situations. Firefighter-1 Graduation Certificate awarded upon successful completion. Students with six months paid experience or 12 months volunteer/work experience may apply for the State Certificate, with proof of current completion of a valid Emergency Medical Technician Program. **Prerequisite: Fire Technology 90B (completed with a grade of "C" or higher).**

E 20435	Lec	TR	5:00 8:50	*081	BUELL	10/08-10/26	GR	E71
	Lab	US	8:30 12:20	*081		10/08-10/26	GR	
	Lab	US	12:30 4:20	*081		10/08-10/26	GR	

*Offsite room *081 meets at ALAMEDA COUNTY FIRE DEPARTMENT TRAINING CTR 890 LOLA SAN LEANDRO, CA FT 90C, Section E71 is an off campus class that meets at the Alameda County Fire Department Training Facility, 890 Lola Street, San Leandro. Class meets Tuesdays, Thursdays, Saturdays & Sundays from 10/08 thru 10/26.*

FT 91A CAL FIRE WILDLAND BASIC TRG 3.0 Units

Provides a basic wildland firefighter course oriented toward entry-level employment opportunities within agencies responsible for Wildland Fire Mitigation and Interface I-Zone Protection, with emphasis on the equipment utilized on California Department of Forestry and Fire Protection (CAL FIRE) engines. The course is structured with a maximum emphasis on demonstration, student application and performance examinations. Fundamentals of wildland fire control and techniques of controlling other emergency incidents are covered with a strong safety perspective. A live fire exercise is provided for application of fire control and suppression techniques. Provides S130 and S190 equivalency under National Wildfire Coordinating Group (NWCG), IS-700.a under the Emergency Management Institute, and CAL FIRE Wildland Firefighter Basic certification requirements. Course complies with the State Board of Fire Services Wildland Fire Fighting requirements for Firefighter I Certification.

Prerequisite: current enrollment in, or successful completion of either Fire Technology 90C (completed with a grade of "C" or higher) or a California Accredited Fire Fighter I Academy.

E 20461	Lec	TR	5:00 9:20	1506	URNES	10/31-11/18	GR	E71
	Lec	Sat	8:00 10:50	*081		10/31-11/18	GR	
	Lab	Sat	11:30 5:20	*081		10/31-11/18	GR	
	Lec	Sun	8:00 9:50	1611		10/31-11/18	GR	
	Lab	Sun	10:00 11:50	1506		10/31-11/18	GR	
	Lec	Sun	12:30 5:20	*081		10/31-11/18	GR	

*Offsite room *081 meets at ALAMEDA COUNTY FIRE DEPARTMENT TRAINING CTR 890 LOLA SAN LEANDRO, CA Class meets, Tuesdays, Thursdays, Saturdays & Sundays from 10/31 thru 11/18.*

FT 91B HAZARD MAT FIRST RESP-OPER LEV 1.5 Units

Hazard recognition and identification; incident response safety procedures; response to hazardous materials emergencies, emphasis on skills and knowledge necessary to protect lives, property, and the environment. Defensive tactics to contain the release from a safe distance and keep it from spreading, and to prevent exposures without trying to stop the release. Meets and exceeds the requirements of CFR 29 1910.120 and CCR Title 8. Course complies with the State Board of Fire Services requirements for Firefighter I Certification (1999).

E 20467	Lec	TR	5:00 8:30	1506	MC PARTLAND	11/28-12/03	GR	E71
	Lec	US	8:00 11:50	1506		11/28-12/03	GR	
	Lec	US	1:00 4:50	1506		11/28-12/03	GR	

Class meets 11/28, 11/30, 12/02 and 12/03.

FT 91C I-200: BASIC ICS (INC COM SYS) 1.5 Units

Consists of modules 2 through 6 and meets the training needs of wildland fire personnel by introducing principles associated with the Incident Command System (ICS). Topics include: Organization, facilities, resource terminology, and the common responsibilities associated with incident or even assignments. Course complies with the State Board of Fire Services requirements for Firefighter I Certification (1999).

E 20468	Lec	TR	5:00 8:50	1506	MC PARTLAND	09/05-09/10	GR	E71
	Lec	U	S 8:00 11:50	1506		09/05-09/10	GR	
	Lec	U	S 1:00 4:50	1506		09/05-09/10	GR	

Class meets Tuesday, Thursday, Saturday and Sunday from 9/05 thru 9/10.

FT 91D FIREFIGHTER SURVIVAL 0.5 Units

Orientation to causes of firefighter injuries and fatalities and how to avoid committing fatal errors on the fire ground using problem-solving techniques for developing self-reliance in an emergency. Physical techniques emphasized for performing critical individual and team rescue skills to access, extricate and remove trapped or downed firefighters. **Prerequisite: current enrollment in, or successful completion of either Fire Technology 90C (completed with a grade of "C" or higher) or a California Accredited Fire Fighter 1 Academy.**

E 21209	Lec Sun	8:30 12:20	*081	BUELL	10/01-10/07	P/N	E71
	Lab Sun	1:00 1:50	*081		10/01-10/07	P/N	
	Lab TR	6:00 8:50	*081		10/01-10/07	P/N	
	Lab Sat	8:30 1:20	*081			P/N	

Offsite room *081 meets at ALAMEDA COUNTY FIRE DEPARTMENT TRAINING CTR 890 LOLA SAN LEANDRO, CA FT 91D is an off-campus class that meets at the Alameda County Fire Department Training Facility 890 Lola Street, San Leandro. Class meets Sunday, Tuesday, Thursday & Saturday, 10/01 thru 10/07.

FT 95 WORK EXPERIENCE/FT 1.0-3.0 Units

College supervised on-the-job training while working in a fire service related occupation. Student Firefighters will need to provide proof of current EMT-Basic or Paramedic license, as well as current CPR certification and medical vaccinations before riding along with host fire agencies. Student Firefighter **Prerequisite: Completion of an Accredited California Firefighter 1 Academy. Student Fire Inspector Prerequisite: Completion of Certificate of Achievement Program for Fire Prevention Inspector. Corequisite: Fire Technology 96.**

E 20436	By Arr	15.0 Hrs/Wk	1504	BUELL	08/16-12/19	GR	071
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FT 96 WORK EXPERIENCE SEMINAR/FT 1.0 Units

Focal point for the coordination of the curriculum with college-supervised part-time or full-time employment or volunteer work in the fire service field. Case studies, job-related problems, student cases and presentations, and material related to employment, organization, and management; emphasis on building strong working relationships with supervisors, subordinates, and coworkers. Student Firefighters will need to provide proof of current EMT-Basic or Paramedic license, as well as current CPR certification and medical vaccinations before riding along with host fire agencies. Student Firefighter **Prerequisite: Completion of an Accredited California Firefighter 1 Academy. Student Fire Inspector Prerequisite: Completion of Certificate of Achievement program for Fire Prevention Inspector. Corequisite: Fire Technology 95.**

E 20437	Lec Wed	6:30 9:20	1506	BUELL	08/16-12/13	GR	071
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Class meets 08/16, 08/23, 10/04, 11/01, 11/29 and 12/13.

FRENCH

FRNC 1A BEGINNING FRENCH 5.0 Units

Introduction to the French-speaking cultures of the world featuring the study and practice of the four language skills (listening, speaking, reading, and writing) of French. **Strongly Recommended: Eligibility for English 1A.**

D 20875	Lec MW	9:30 11:45	859	BARNEZET PA	08/16-12/19	OP	H01
	Lab By Arr	1.0 Hrs/Wk		HYBRID		OP	

FRNC 1A-H01 is a hybrid course with lectures conducted on-campus and one hour lab over the Internet. The class will meet Mondays & Wednesdays from 9:30-11:45 a.m. The first class meeting will include orientation for the online portion of the course. Students must have an email account and Internet access before the first meeting. To begin, go to <http://www.chabotcollege.edu/online> and click on the course website. For more information, contact cparrish@chabotcollege.edu

O 23168	By Arr	6.0 Hrs/Wk		ONLINE BARNEZET PA	09/05-12/12	OP	EN1
	Lab By Arr	1.2 Hrs/Wk		ONLINE		OP	

FRNC 1A-EN1 is a late start online course with no on-campus meetings. Students must have an email account and Internet access by the first day of class, to read the announcements and see course assignments. To begin, go to <http://www.chabotcollege.edu/online> and click the course website. Please note: Some previous knowledge of French is recommended for this intensive course. For more information, contact cparrish@chabotcollege.edu

O 20879	By Arr	5.0 Hrs/Wk		ONLINE BARNEZET PA	08/16-12/19	OP	ON1
	Lab By Arr	1.0 Hrs/Wk		ONLINE		OP	

FRNC 1A-ON1 is an online course with no on-campus meetings. Students must have an email account and Internet access by the first day of class, to read the announcements and see course assignments. To begin, go to <http://www.chabotcollege.edu/online> and click the course website. For more information, contact cparrish@chabotcollege.edu

FRNC 1B ELEMENTARY FRENCH 5.0 Units

Further study of French-speaking cultures of the world featuring the acquisition of the four language skills (listening, speaking, reading, and writing) of French begun in French 1A. **Prerequisite: French 1A (completed with a grade of "C" or higher).**

O 21890	Lec MW	12:00 2:15	854	BARNEZET PA	08/16-12/19	OP	H01
	Lab By Arr	1.0 Hrs/Wk		HYBRID		OP	

FRNC 1B-H01 is a hybrid course with lectures conducted on-campus and one hour lab over the Internet. The class will meet Mondays and Wednesdays from 12:00-2:15 p.m. The first class meeting will include orientation for the portion of the course. Students must have an email account and Internet access before the first meeting. To begin, go to <http://www.chabotcollege.edu/online> and click the course website. For more information, contact cparrish@chabotcollege.edu

O 20876	By Arr	6.0 Hrs/Wk		ONLINE BARNEZET PA	08/16-12/19	OP	ON1
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FRNC 1B-ON1 is an online course with no on-campus meetings. Students must have an email account and Internet access by the first day of class. To read the announcements and see course assignments. To begin, go to <http://www.chabotcollege.edu/online> Contact the instructor for more information at cparrish@chabotcollege.edu

FRNC 2A INTERMEDIATE FRENCH 4.0 Units

Review of grammar, reading of works of modern authors; practice in conversation composition. **Prerequisite: French 1B (completed with a grade of "C" or higher).**

O 20877	Lec TR	10:20 12:10	859	BARNEZET PA	08/16-12/19	OP	H01
	Lab By Arr	1.0 Hrs/Wk		HYBRID		OP	

FRNC 2A-H01 is a hybrid course with lectures conducted on-campus and one hour lab over the Internet. The class will meet Tuesdays & Thursdays from 10:20-12:10 p.m. The first class meeting will include orientation for the online portion of the course. Students must have an email account and Internet access before the first meeting. To begin, go to <http://www.chabotcollege.edu/online> and click the course website. For more information, contact cparrish@chabotcollege.edu

O 22298	By Arr	5.0 Hrs/Wk		ONLINE BARNEZET PA	08/16-12/19	OP	ON1
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FRNC 2A-ON1 is an online course with no on-campus meetings. Students must have an email account and Internet access by the first day of class. To read the announcements and see course assignments. To begin, go to <http://www.chabotcollege.edu/online> Contact the instructor for more information at cparrish@chabotcollege.edu

FRNC 2B ADVANCED FRENCH 4.0 Units

Reading of Francophone authors; advanced review of grammar; emphasis on speaking and composition. **Prerequisite: French 2A (completed with a grade of "C" or higher).**

O 20878	Lec TR	10:20 12:10	859	BARNEZET PA	08/16-12/19	OP	H01
	Lab By Arr	1.0 Hrs/Wk		HYBRID		OP	

FRNC 2B-H01 is a hybrid course with lectures conducted on-campus and one hour lab over the Internet. The class meets from 10:20-12:10 p.m. The first class meeting will include orientation for the online portion of the course. Students must have an email account and Internet access before the first meeting. To begin, go to <http://www.chabotcollege.edu/online> and click the course website. For more information, contact cparrish@chabotcollege.edu

O 22299	By Arr	5.0 Hrs/Wk		ONLINE BARNEZET PA	08/16-12/19	OP	ON1
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FRNC 2B-ON1 is an online course with no on-campus meetings. Students must have an email account and Internet access by the first day of class. To read the announcements and see course assignments. To begin, go to <http://www.chabotcollege.edu/online> Contact the instructor for more information at cparrish@chabotcollege.edu

GENERAL STUDIES

GNST 5A PASSION AND PURPOSE 2.0 Units

Exploration and discovery of personal passions in the context of social and family relationships, serving the wider community, and analyzing and understanding higher education - particularly at Chabot College. Focus on connection of passion to one's talents and potential purpose(s) in life.

D 22820	Lec Tue	1:00 1:50	2338	MC FARLAND	08/16-12/19	OP	001
	Lab Tue	2:00 2:50	2338			OP	
	Lab Thu	1:00 2:50	2338			OP	

D 22818	Lec Mon	1:00 1:50	2338	MC FARLAND	08/16-12/19	OP	002
	Lab Mon	2:00 2:50	2338			OP	
	Lab Wed	1:00 2:50	2338			OP	

D 22819	Lec Tue	1:00 1:50	TBA	STAFF - Aca	08/16-12/19	OP	FY4
	Lab Thu	1:00 3:50	TBA			OP	

This section is dedicated to our First Year Experience students. For pathway registration course numbers or information on the program, please visit us at www.chabotcollege.edu/FYE.

GNST 5B PASSION AND PURPOSE II 2.0 Units

Further exploration and discovery of personal passions in the context of social and family relationships, serving the wider community, and analyzing and understanding higher education--particularly at Chabot College. Further investigation of the connection of passion to one's talents and potential purposes in life. Completion of capstone community-based or college-based initiative that grows out of one's passions explored in GNST 5A. **Prerequisite: GNST 5A (completed with a grade of "P" or higher).**

D 23107	Lec	Tue	1:00	1:50	2338	MC FARLAND	08/16-12/19	OP	001
	Lab	Tue	2:00	2:50	2338			OP	
	Lab	Thu	1:00	2:50	2338			OP	
D 23143	Lec	Mon	1:00	1:50	2338	MC FARLAND	08/16-12/19	OP	002
	Lab	Mon	2:00	2:50	2338			OP	
	Lab	Wed	1:00	2:50	2338			OP	

GNST 6 PASSION AND PURPOSE PATHWAYS 2.0 Units

Focus on the connection between personal passion and purpose to one's choice of major and prospective career choices. Applying the principles of passion and purpose to specific careers pathways and opportunities. Exploration and discovery of how pathways choices intersect with the wider community, and higher education - particularly at Chabot College.

D 23127	Lec	TR	1:00	1:50	853	KLEIN	08/16-12/19	OP	FY1
<i>This section is dedicated to our First Year Experience students. For pathway registration course numbers or information on the program, please visit us at www.chabotcollege.edu/FYE.</i>									
D 23128	Lec	TR	11:00	11:50	2338	MC FARLAND	08/16-12/19	OP	FY6
<i>This section is dedicated to our First Year Experience students. For pathway registration course numbers or information on the program, please visit us at www.chabotcollege.edu/FYE.</i>									
D 23142	Lec	MW	4:00	4:50	1612	PHILLIPS	08/16-12/19	OP	FY9
<i>This section is dedicated to our First Year Experience students. For pathway registration course numbers or information on the program, please visit us at www.chabotcollege.edu/FYE.</i>									

GNST 32A SOCIAL JUSTICE LEADERSHIP 2.0 Units

Leadership practice in social justice values and methods. Students will organize, coordinate and plan advocacy events and activities to support Chabot College students.

D 22787	Lec	MW	1:30	2:20	852	JOHNSTON	08/16-12/19	GR	CIN
<i>This course is open to all students. This class is part of the CIN! (Change it Now!) Learning Community. CIN! is a year-long, accelerated writing and leadership program designed to empower students interested in social change, who would also like to transfer to four-year colleges and universities. Students enrolled in the program self-select various community issues to explore such as: education, health care, budget cuts, environmental issues, poverty, violence and any other issues that they find relevant to their lives. CIN! students build strong relationships with each other and develop skills to become leaders in their communities. For more information including all Pathway course registration numbers, see our website www.chabotcollege.edu/CIN. Student Orientation will be held on Friday, August 25, 2017 from 10am-2pm on the Chabot campus. Attendance is required. CIN! staff will contact you in July/August with more details for the event.</i>									

GNST 32B SOC JUSTICE LEADERSHIP INTERM 2.0 Units

Further development of leadership practice in social justice values and methods. Students organize, coordinate and plan advocacy events and activities to support Chabot College students.

D 23118	Lec	MW	1:30	2:20	852	JOHNSTON	08/16-12/19	GR	CIN
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GNST 32C SOCIAL JUS LEADERSHIP ADV INT 2.0 Units

Leadership practice in social justice values and methods. Students will organize, coordinate and plan advocacy events and activities to support Chabot College students, specifically the CIN program. **Prerequisite: GNST 32B (completed with a grade of "C" or higher).**

D 23119	Lec	MW	1:30	2:20	852	JOHNSTON	08/16-12/19	GR	CIN
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GNST 51 STUDENT LEADERSHIP LABORATORY 1.0 Units

Training in the student leadership and governance with an emphasis on practical application of effective student leadership skills. Students will attend and participate in Associated Student Senate meetings, club, or shared governance meetings to receive credit for this course. **May not receive credit if Political Science 51 has been completed.**

D 22170	Lab	Mon	3:00	5:50	807	STAFF - Aca	08/16-12/19	P/N	001
<i>This is open to all students.</i>									

GNST 115 FACULTY-STUDENT TUTORIAL/WRAC 0.5-3.0 Units

Preparation in English for success in college or career. Self-paced, individualized instruction in reading and writing effectiveness.

D 22917	Lab	Tue	5:30	7:20	TBA	NIJJAR	08/16-12/19	P/N	001
	Lab	Thu	2:30	3:20	TBA			P/N	

All sections of GNST 115 are closed to online registration. To register for GNST 115, go to the Learning Connection front desk, located downstairs in Building 100, Room 108, during the first through eighth week of the semester. Current hours can be found online: <http://www.chabotcollege.edu/learningconnection/WRAC> Please Note: You are not required to attend each daytime for the section in which you choose to enroll. You only need to be available for 20 minutes, of the 3 hours listed, to meet with your instructor.

D 20923	Lab	TR	9:20	10:10	TBA	STAFF - Aca	08/16-12/19	P/N	002
	Lab	Tue	2:00	2:50	TBA			P/N	

All sections of GNST 115 are closed to online registration. To register for GNST 115, go to the Learning Connection front desk, located downstairs in Building 100, Room 108, during the first through eighth week of the semester. Current hours can be found online: <http://www.chabotcollege.edu/learningconnection/WRAC> Please Note: You are not required to attend each daytime for the section in which you choose to enroll. You only need to be available for 20 minutes, of the 3 hours listed, to meet with your instructor.

D 21660	Lab	MW	12:45	2:00	807	THOMPSON	08/16-12/19	P/N	DA1
<i>GNST 115-DA1 is part of the DARAJA Project. As a condition of enrollment, students will be required to sign an agreement to conform to program requirements. Students will be required to participate in all course and program activities. For more information, call 510-723-6747. http://www.chabotcollege.edu/daraja/</i>									

GEOGRAPHY

GEOG 1 INTRO TO PHYSICAL GEOGRAPHY 3.0 Units

This course is a spatial study of the Earth's dynamic physical system and processes. Topics include: Earth-sun geometry, weather, climate, water, landforms, soil, and the biosphere with emphasis on spatial characteristics, change over time, interactions between environmental components, and human-environment interactions. Tools of geographic inquiry are also briefly covered; they include maps, remote sensing, Geographic Information Systems (GIS) and Global Positioning Systems (GPS).

D 20107	Lec	MW	9:00	10:15	505	Staff - So	08/16-12/19	GR	001
D 20106	Lec	MW	10:30	11:45	505	Staff - So	08/16-12/19	GR	002
D 20466	Lec	MW	12:00	1:15	505	Staff - So	08/16-12/19	GR	003
D 21973	Lec	TR	1:30	2:45	505	Staff - So	08/16-12/19	GR	004
D 20105	Lec	TR	10:30	11:45	505	Staff - So	08/16-12/19	GR	005
D 20104	Lec	TR	9:00	10:15	505	Staff - So	08/16-12/19	GR	006
E 20791	Lec	Tue	6:00	8:50	505	Staff - So	08/16-12/19	GR	071
E 20280	Lec	Mon	6:00	8:50	505	DEVERDI	08/16-12/19	GR	0P1

This is a PACE Course. Only PACE students may enroll in this class until 7/5. From 7/6, any student may enroll in remaining open spaces. For information on the PACE Program, go to <http://www.chabotcollege.edu/PACE>

GEOG 1L INTRO TO PHYS GEOG LABORATORY 1.0 Units

This course is designed to provide supplemental exercises in topics covered in physical geography lecture. Lab experience will include map analysis and interpretation, weather prognostication, landform processes and evolution, tectonics, biogeography, and habitat analysis. **Prerequisite: GEOG 1 (may be taken concurrently).**

D 20191	Lab	Mon	1:30	4:20	507	Staff - So	08/16-12/19	GR	001
D 22542	Lab	Tue	1:30	4:20	507	Staff - So	08/16-12/19	GR	002
E 20281	Lab	Wed	6:00	8:50	507	DEVERDI	08/16-12/19	GR	0P1

This is a PACE Course. Only PACE students may enroll in this class until 7/5. From 7/6, any student may enroll in remaining open spaces. For information on the PACE Program, go to <http://www.chabotcollege.edu/PACE>

GEOG 2 CULTURAL GEOGRAPHY 3.0 Units

The course is a study of diverse human populations, their cultural origins, diffusion and contemporary spatial expressions. Topics include: demography, languages and religions, urbanization and landscape and religions, urbanization and landscape modification, political units and nationalism, and economic systems and development.

D 20108	Lec	MW	9:00	10:15	555	Staff - So	08/16-12/19	OP	001
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GEOG 5 WORLD REGIONAL GEOGRAPHY 3.0 Units

Survey of the world's culture regions and nations as interpreted by geographers, including physical, cultural, and economic features. Emphasis on spatial and historical influences on population growth, transportation networks, and natural environments. Identification and importance of the significant features of regions.

D 22996 Lec MW 10:30 11:45 553 Staff - So 08/16-12/19 GR 001

GEOG 12 GEOGRAPHY OF CALIFORNIA 3.0 Units

A thematic approach to the state's issues, processes and topics relevant to geography including climate, landforms, natural vegetation, water resources, cultural landscape, ethnic diversity, urban and agricultural regions, and the economy. This course explores the physical, and human landscapes that have evolved as a result of the human-environment interface.

D 22968 Lec TR 1:30 2:45 355 Staff - So 08/16-12/19 OP 001

GEOG 20 INTRO TO GEOG INFO SYS (GIS) 3.0 Units

Computer-based information technology tools and techniques that analyze spatial relationships between locations and attributes of physical, cultural and economic features. Visualization of geographic relationships to support decision-making through interactive linkages of maps, databases, images and charts. Introduction to GIS theory, principles, concepts, applications and operations. Field trips may be required. **Strongly recommended: previous PC experience.**

E 21874 Lec Tue 6:30 9:20 507 Staff - So 08/16-12/19 OP 071

HEALTH

HLTH 1 INTRODUCTION TO HEALTH 3.0 Units

Physiological, psychological, and social perspectives of health. Emphasis on knowledge, attitudes and behaviors that will contribute to a healthy individual.

D 20025 Lec MW 9:00 10:15 1908 ORVISS 08/16-12/19 OP 001
 D 20216 Lec MW 10:30 11:45 1908 GRACE 08/16-12/19 OP 002
 D 20623 Lec MW 12:00 1:15 1908 ORVISS 08/16-12/19 OP 003
 D 20028 Lec TR 9:00 10:15 1908 MILLER 08/16-12/19 OP 004
 D 20029 Lec TR 10:30 11:45 1908 GRACE 08/16-12/19 OP 005
 D 22719 Lec TR 12:00 1:15 2252 CALCAGNO 08/16-12/19 OP 006
 D 22333 Lec TR 1:30 2:45 2252 CALCAGNO 08/16-12/19 OP 007

E 20030 Lec Wed 6:00 8:50 2254 LOFFT 08/16-12/19 OP 071

O 21856 By Arr 3.0 Hrs/Wk ONLINE DROUIN 08/16-12/19 OP FY2

O 20621 By Arr 3.0 Hrs/Wk ONLINE GRACE 08/16-12/19 OP ON1

O 20622 By Arr 3.0 Hrs/Wk ONLINE LOFFT 08/16-12/19 OP ON2

O 22155 By Arr 3.0 Hrs/Wk ONLINE DROUIN 08/16-12/19 OP ON3

HLTH 1-ON/ON2/ON3 are online courses with no required on-campus meetings.

For important additional information, go to <http://www.chabotcollege.edu/online>

HLTH 4 WOMEN AND HEALTH 3.0 Units

Health issues that affect women in contemporary American society. Exploration of current health concerns, legislation, medical practices, attitudes and behaviors that promote health and wellness.

D 20199 Lec MW 12:00 1:15 2252 GRILLO 08/16-12/19 OP 001

This section is part of the Women's Studies Program.

O 21239 Lec Wed 6:30 9:50 554 ORVISS 08/23-12/19 OP HPN

By Arr 2.0 Hrs/Wk HYBRID OP

HLTH 4-HPN is a late-start hybrid PACE Course, starting on 8/30, with three required on-campus meetings: Wednesday, 6:30-9:50 pm: Aug 30, Oct 18; Dec 6, in Room 554. Only PACE students may enroll in his class until 7/5. From 7/6, any student may enroll in remaining open spaces. For information on the PACE Program, go to <http://www.chabotcollege.edu/PACE>

HLTH 8 HUMAN SEXUALITY 3.0 Units

Physiological and psychosocial aspects of sexual health in our contemporary society. Understanding the interrelationship of attitude and behavior as it relates to sexual well-being and sexual integrity. **May not receive credit if Psychology 8 or Sociology 8 has been completed.**

O 21225 By Arr 3.0 Hrs/Wk ONLINE LOFFT 08/16-12/19 OP ON1

HLTH 8-ON1 is an online course with no required on-campus meetings. For important additional information, go to <http://www.chabotcollege.edu/online/>

HLTH 16 HEALTHY WEIGHT LOSS 3.0 Units

Physical, emotional, and spiritual perspectives of healthy weight loss. Emphasis on acquiring knowledge and developing life skills required to achieve a healthy weight for improved wellness.

O 21975 By Arr 3.0 Hrs/Wk ONLINE CALCAGNO 08/16-12/19 OP ON1

HLTH 16-ON1 is an online course with no required on-campus meetings. For important additional information, go to <http://www.chabotcollege.edu/online>

HLTH 40 INTRO TO HEALTH PROFESSIONS 1.5 Units

Introduction to the diverse occupations and care systems in the health care and community wellness field, as well as to skills and personal characteristics needed in these professions.

D 23281 Lec Tue 10:30 11:20 2254 CALCAGNO 08/16-12/19 OP FY7

Lab Thu 10:30 11:20 2254 OP

Lab By Arr 1.0 Hrs/Wk TBA OP

This section is dedicated to our First Year Experience students. For pathway registration course numbers or information on the program, please visit us at www.chabotcollege.edu/FYE.

HLTH 51A BASIC MEDICAL TERMINOLOGY 4.0 Units

Terminology used typically by the medical profession; explanation of the history of terminology, prefixes, suffixes, and root words; emphasis on spelling, definitions, pronunciation, and an understanding of their meanings; includes medical abbreviations, anatomical, disease, diagnostic, medical, surgical, and additional terms as they relate to each body system.

D 20026 Lec MW 1:30 3:20 2252 PERKINS 08/16-12/19 OP 001

E 20027 Lec MW 7:00 8:50 2252 PINIO 08/16-12/19 OP 071

HLTH 60 RESPONDING TO EMERGENCIES 1.0 Units

Development of knowledge and skills for recognizing and caring for emergency situations. Include healthy and prevention of illness and injury. Designed to meet the needs of individuals in the community who frequently provide First Aid. Successful completion of the knowledge and skills tests qualifies for a National Safety Council First Aid and Adult CPR card.

E 20076 Lec Mon 6:00 7:50 3102 BEYNE 08/21-10/16 OP E71

Lab Mon 8:00 9:50 3102 OP

Students are required to purchase a CPR manikin face mask and pocket mask on the first day of class in order to participate. These items are available in the Chabot College bookstore.

HISTORY

HIS 1 WESTERN CIVILIZATION TO 1600 3.0 Units

Origin and development of civilization in the Mediterranean and its expansion into Europe - the Near East, Greece, Rome and the Middle Ages, Renaissance and the Reformation.

D 20649 Lec MW 10:30 11:45 502 STEPHENS 08/16-12/19 GR 001

D 20650 Lec MW 12:00 1:15 502 STEPHENS 08/16-12/19 GR 002

E 20651 Lec Tue 6:30 9:20 552 STEPHENS 08/16-12/19 GR 071

HIS 2 WESTERN CIVILIZATION SINCE 1600 3.0 Units

History of the Modern Western World; Romanticism and the Industrial Revolution to the present.

D 20652 Lec TR 10:30 11:45 553 STEPHENS 08/16-12/19 GR 001

HIS 4 WORLD HISTORY: 1500 TO PRESENT 3.0 Units

A survey of world history from 1500, including the early modern and modern eras. Interconnections and exchange will be emphasized. Similarities and differences among cultures will be examined. Cultural, intellectual, and technological developments and exchange will be explored. Broader forces that affect civilizations such as boarderlands, exploration and travel, gender and class will be studied.

D 21869 Lec MW 9:00 10:15 502 STEPHENS 08/16-12/19 OP 001

HIS 7 US HISTORY THROUGH RECONSTRUCT 3.0 Units

A survey of United States history from its pre-colonial, indigenous origins through the end of Reconstruction. Emphasis on (1) distinctively American patterns of political, economic, social, intellectual and geographic developments, (2) the interaction amongst and the experiences of diverse racial, ethnic and socioeconomic groups in American History, and (3) the evolution of American institutions and ideals including the U.S. Constitution, representative democratic government, the framework of California state and local government, and the relationships between state/local government and the federal government.

D 21947 Lec MW 7:30 8:45 506 ADAMS 08/16-12/19 GR A01

D 21146 Lec MW 9:00 10:15 506 EIGEN 08/16-12/19 GR A02

D 22281 Lec MW 10:30 11:45 557 HIGDON 08/16-12/19 GR A03

D 20653 Lec MW 1:30 2:45 554 GLEASON 08/16-12/19 GR A04

D 20655 Lec TR 9:00 10:15 552 NIDEROST 08/16-12/19 GR A05

D 20656 Lec MW 12:00 1:15 554 EIGEN 08/16-12/19 GR A06

HIS 7 (CONTINUED TOP OF NEXT PAGE)

HIS 7 (CONTINUED)

D 22499	Lec	TR	10:30 11:45	1702	ROBERTSON	08/16-12/19	GR	A07
D 22871	Lec	TR	1:00 2:15	805	MERCADO	08/16-12/19	GR	A08
D 22971	Lec	TR	9:00 10:15	551	THOMPSON	08/16-12/19	GR	A09
D 22366	Lec	TR	10:30 11:45	551	THOMPSON	08/16-12/19	GR	DA1

HIS 7-DA1 is part of the DARAJA Project. As a condition of enrollment, students will be required to sign an agreement to conform to program requirements. Students will be required to participate in all course and program activities. For more information, call 510-723-6747 or visit <http://www.chabotcollege.edu/daraja/> "Students enrolled in Daraja must attend the Daraja Study Space, Mondays and Wednesdays from 12:30-2. Please make time in your schedule."

E 20658	Lec	Mon	6:30 9:20	552	Staff - So	08/16-12/19	GR	A71
E 20657	Lec	Wed	7:00 9:50	551	Staff - So	08/16-12/19	GR	A72
O 20659	By Arr	3.0 Hrs/Wk	ONLINE	MONIZ	08/16-12/19	GR	AN1	
O 20654	By Arr	3.0 Hrs/Wk	ONLINE	MONIZ	08/16-12/19	GR	AN2	
O 21879	By Arr	3.0 Hrs/Wk	ONLINE	THOMPSON	08/16-12/19	GR	AN3	

HIS 7-AN1/AN/AN3 are online courses with no required on-campus meetings. For important additional information, go to <http://www.chabotcollege.edu/online>

O 20685	By Arr	3.0 Hrs/Wk	ONLINE	MONIZ	08/16-12/19	GR	APN	
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HIS 7- APN is a Pace course with no required on-campus meetings. For information on the PACE Program, go to <http://www.chabotcollege.edu/PACE> Only PACE students may enroll in this class until 7/5. From 7/6, any student may enroll in remaining open spaces.

HIS 8 US HISTORY POST-RECONSTRUCT 3.0 Units

A survey of United States history from 1877 to the present with a special emphasis on the interaction amongst and the experiences of diverse racial/ethnic (African Americans, European Americans, Native Americans, Chicano/Latino Americans, Asian Americans, and Middle Eastern Americans), gender and socioeconomic groups in American history. Includes analysis of (1) the U.S. Constitution as a living document in the context of historical change, and (2) significant issues related to California State and local governments.

D 20668	Lec	MW	9:00 10:15	804	COLLINS	08/16-12/19	GR	A01
D 21010	Lec	MW	10:30 11:45	552	EIGEN	08/16-12/19	GR	A02
D 20670	Lec	MW	12:00 1:15	559	HIGDON	08/16-12/19	GR	A03
D 21875	Lec	MW	1:30 2:45	502	COLLINS	08/16-12/19	GR	A04
D 20661	Lec	MW	3:00 4:15	504	GLEASON	08/16-12/19	GR	A05
D 20671	Lec	TR	9:00 10:15	405	ROBERTSON	08/16-12/19	GR	A06
D 22749	Lec	TR	1:30 2:45	554	NIDEROST	08/16-12/19	GR	A07
D 23201	Lec	TR	3:00 4:15	551	ROBERTSON	08/16-12/19	GR	A08
D 23361	Lec	MWF	8:00 10:05	1811	Staff - So	08/16-10/11	GR	AE1
O 20768	By Arr	3.0 Hrs/Wk	ONLINE	MERCADO	08/16-12/19	GR	AN1	
O 20662	By Arr	3.0 Hrs/Wk	ONLINE	MERCADO	08/16-12/19	GR	AN2	
O 22546	By Arr	3.0 Hrs/Wk	ONLINE	MERCADO	08/16-12/19	GR	AN3	
O 21410	By Arr	3.0 Hrs/Wk	ONLINE	ADAMS	08/16-12/19	GR	AN4	

HIS 8-AN1/AN2/AN3/AN4 are online courses with no required on-campus meetings. For important additional information, go to <http://www.chabotcollege.edu/online>

HIS 12 HISTORY OF CALIFORNIA 3.0 Units

Historical development of California, including Spanish exploration and settlement and the Mexican Revolution. Transformation of California under United States control; the American conquest, the Gold Rush, and dynamic expansion to the present day.

D 20672	Lec	TR	10:30 11:45	502	NIDEROST	08/16-12/19	OP	A01
D 22547	Lec	MW	9:00 10:15	551	ADAMS	08/16-12/19	OP	A02

HIS 20 AFRICAN-AMERICAN HIST PRE-19TH 3.0 Units

Survey of major themes and issues of the history of the United States with a particular focus upon African Americans and the gendered racial, ethnic, and socioeconomic diversity within the nation. Contacts between European peoples and the indigenous peoples of the New World to the establishment of the British colonies in North America, the formation of the nation, its expansion westward and the social, political and economic factors which lead to division. Examination of the role of race and slavery as evolving concepts and practices affecting the nation's development. Analysis of the role of local, state and federal governments and the constitution as institutions of both consistency and change.

D 22368	Lec	MW	10:30 11:45	559	THOMPSON	08/16-12/19	GR	002
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HIS 22 MEXICAN AMERICAN HISTORY 3.0 Units

A survey of Mexican American History from pre-Columbian period through the present. Special emphasis on Mexican Americans' role in the political, economic, social and geographical development in the United States. Major topics include European colonization, native cultures and slavery, the U. S. - Mexican War, World War I and World War II, industrialization, immigration and labor, and the Civil Rights Movement. This course includes analysis of the U. S. Constitution, Supreme Court Rulings, and California state and local government issues related to the rights of Mexican Americans. **May not receive credit if ES 22 has been completed.**

D 20682	Lec	MW	1:30 2:45	504	MERCADO	08/16-12/19	GR	001
E 20681	Lec	Wed	6:00 8:50	559	SALINAS	08/16-12/19	GR	071

HIS 27 U.S. WOMENS HISTORY 3.0 Units

A survey of United States women's history from its indigenous origins through the present. Emphasis on the interaction and experiences of diverse racial/ethnic groups that include at least three of the following groups: African-Americans, Chicana/Latina Americans, Asian Americans, European Americans, Native Americans, and Middle Eastern Americans. Special areas of focus includes women's role in the political, economic, social, and geographic development of the United States.

D 20683	Lec	MW	10:30 11:45	554	WOLFORD	08/16-12/19	OP	A01
D 20684	Lec	TR	10:30 11:45	554	WOLFORD	08/16-12/19	OP	A02

HUMAN SERVICES* (See course listing under Psyc-Counseling)

HUMANITIES

HUMN 50 THE ARTFUL LIFE 3.0 Units

The Arts will be examined as expression and integration of self. Explore creativity as process, product, and attitude toward life. Study the artist as seeker of authenticity and the relationship between art and artist.

D 21012	Lec	TR	9:00 10:15	856	Staff - Fi	08/16-12/19	GR	001
D 23347	Lec	MWF	10:30 12:35	1706	Staff - Fi	08/16-10/11	GR	E01

HUMN 60 CREATIVITY AND THE COMMUNITY 3.0 Units

The Arts as an expression of the community; the relationship between creativity and community; the artist as the conscience of society and the role of the audience in completing an artwork. Themes include the artist as prophet, art as transformative experience, the arts and social justice, and the shock of the new.

D 22291	Lec	TR	1:00 2:15	506	Staff - Fi	08/16-12/19	GR	001
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HUMN 65 THE AMERICAN STYLE 3.0 Units

Humanities in the United States. Major works of literature, painting, sculpture, architecture, film, music, philosophy, science, religion, and political and social institutions. Particular attention to values and meanings that reflect the American cultural experience.

D 21433	Lec	MW	9:00 10:15	2252	Staff - Fi	08/16-12/19	GR	A01
O 20927	By Arr	3.0 Hrs/Wk	ONLINE	Staff - Fi	08/16-12/19	GR	AN1	
O 22611	By Arr	3.0 Hrs/Wk	ONLINE	SCHERBART	08/16-12/19	GR	AN2	

HUMN 65-AN1/AN2 are online courses with no required on-campus meetings. For important additional information, go to <http://www.chabotcollege.edu/online>

HUMN 68 WORLD MYTHOLOGY 3.0 Units

Introduction to mythic themes recurring in global literature, the visual arts, and music; gods, humans, heroes; their origins, variations, historical development, and full expression in classical times and continued presence in the arts.

D 20723	Lec	MW	10:30 11:45	856	SHANNON	08/16-12/19	GR	001
D 22404	Lec	Fri	9:00 11:50	552	Staff - Fi	08/16-12/19	GR	002

INDUSTRIAL TECHNOLOGY

INDT 63 INTRO TO MICRO, NANO, SEMI MFG 3.0 Units

Technologies and procedures used in the manufacturing of micro- and nano-scale devices and semiconductors. This course covers safety, clean room operations, high vacuum systems, lithography, oxidation, deposition, etch, and inspection.

D 23051	Lab	Mon	1:00 3:50	1612	PHILLIPS	08/16-12/19	OP	H01
		By Arr	2.0 Hrs/Wk	HYBRID			OP	

INDT 63-H01 is a hybrid course with 3 hours on-campus and 2 hour on-line. For important additional information, go to <http://www.chabotcollege.edu/online>

INDT 64 DIGITAL 2D MANUFACTURING 2.0 Units

Introduction to manufacturing with two-dimensional digital layout input. Raster and vector drawing formats, and their suitability and applications for manufacturing processes. Design and produce projects using laser cutting and engraving.

D 23052 Lab Wed 1:00 3:50 1616 PHILLIPS 08/16-12/19 OP H01
By Arr 1.0 Hrs/Wk HYBRID OP

INDT 64-H01 is a hybrid course with 3 hours on-campus and 1 hour on-line. For important additional information, go to <http://chabotcollege.edu/online>

INDT 74 MEASUREMENTS & CALCULATIONS 3.0 Units

Calculator techniques for whole number and decimal arithmetic problem solving, fraction-decimal conversion, percentages, ratio and proportion, algebra, geometry, areas and volumes. English metric conversion, and numerical trigonometry as applied in the industry.

D 22797 Lec MW 5:10 6:25 1608 FISHER 08/16-12/19 GR 071

INTERIOR DESIGN**ID 48 DRAFTING FOR INTERIOR DESIGNER 3.0 Units**

Drafting for Interior Designers course will introduce tools and techniques necessary for interior designers to prepare drawings of interior spaces that will enhance and protect the health, safety, and welfare of the public.

D 23222 Lec Tue 1:00 3:50 907 WILLIAMS 08/16-12/19 GR 001

ID 52 HIST OF INTERIORS AND FURNISHI 3.0 Units

A survey of the history of interiors and furnishings from Egyptian period to the present. Emphasis on furniture styles and ornamentation.

D 23224 Lec Thu 1:00 3:50 907 Staff - Fi 08/16-12/19 OP 001

ID 54 PRINCIPLES OF INTERIOR DESIGN 3.0 Units

Elements and principles of design as they apply to interior design. Emphasis on the use of color and texture in the selection of home furnishings.

D 22767 Lec TR 9:00 9:50 907 WILLIAMS 08/16-12/19 OP 001
Lab TR 10:00 11:15 907 OP

ID 55 INTRODUCTION TO TEXTILES 3.0 Units

The textile industry and its effects on the apparel and home furnishings markets. Fiber identification, yarn and fabric construction, and decoration. Emphasis on consumer information, fabric performance, care and labeling, and legal responsibilities of the industry.

D 23223 Lec Fri 1:00 3:50 907 VOUCHILAS 08/16-12/19 GR 001

ID 68 DIGITAL TOOLS FOR DSN/VIS COMM 4.0 Units

Introduction to digital tools with computer-aided design drafting. Ability to effectively use basic design principles in two dimensions. Topics include command basics including drawing entity creation and moation, industry layering standards, text and dimensioning systems appropriate to architecture, creating symbol libraries, external reference techniques, model and paper space commands, and plotting techniques. **May not receive credit if Architecture 68 has been completed.**

D 22755 Lec MW 9:00 10:15 905 HUANG 08/16-12/19 OP 001
Lab MW 10:30 11:45 905 OP

ITALIAN**ITAL 1A BEGINNING ITALIAN 5.0 Units**

Introduction to the Italian-speaking cultures of the world featuring the study and practice of the four language skills (listening, speaking, reading, and writing) of Italian. **Strongly recommended: Eligibility for English 1A.**

D 23169 Lec TR 2:25 4:40 353 Staff-Lang 08/16-12/19 OP 001
Lab Tue 1:30 2:20 352 OP

JAPANESE**JAPN 1A BEGINNING JAPANESE 5.0 Units**

Introduction to the Japanese cultures of the world featuring the study and practice of the four language skills (listening, speaking, reading, and writing) of Japanese.

Strongly recommended: Eligibility for English 1A.

D 22340 Lec TR 9:40 11:55 805 Staff-Lang 08/16-12/19 OP 001
Lab Thu 8:45 9:35 352 OP

D 20198 Lec Mon 4:00 6:50 356 OTOMI 08/16-12/19 OP H01
Lab By Arr 1.0 Hrs/Wk HYBRID OP
Lec By Arr 2.0 Hrs/Wk HYBRID OP

JAPN 1A-HO1 is a hybrid course conducted both on-campus (50%) and over the Internet (50%). The class will meet on Mondays 4:00-6:50 pm. The first class meeting will include orientation for the online portion of the course. Please note: students who do not attend the first meeting could be dropped from the class. Students must have an email account and Internet access before the first meeting. To begin, go to <http://www.chabotcollege.edu/online> and click the course website.

JAPN 2A INTERMEDIATE JAPANESE 4.0 Units

Review of grammar; practice in conversation and composition; research on topics related to Japan. Following an immersion instruction format, the class is entirely taught in the target world language of the selected course. **Prerequisite: JAPN 1B (completed with a grade 23of "C" or higher)**

D 23235 Lec TR 1:00 2:50 856 YUKAWA 08/16-12/19 OP 001
Lab Thu 3:00 3:50 352 OP

LEARNING SKILLS**LNSK 116 LEARNING SKILLS: DIAGNOSTIC CLI 1.0 Units**

Determination of eligibility for learning disabilities services through diagnostic testing. Includes state-mandated tests. Focus on compensatory methods as derived from test results.

D 23270 Lec MW 12:00 12:50 307 CLEMENTS 08/16-10/11 P/N E01
Lab MW 1:00 1:50 307 P/N
D 23271 Lec MW 12:00 12:50 307 CLEMENTS 10/16-12/11 P/N E02
Lab MW 1:00 1:50 307 P/N
D 23272 Lec TR 10:00 10:50 307 CLEMENTS 08/17-10/12 P/N E03
Lab TR 11:00 11:50 307 P/N
E 23273 Lec TR 5:30 6:20 307 PEJMAN 08/17-10/12 P/N E71
Lab TR 6:30 7:20 307 P/N
E 23274 Lec TR 5:30 6:20 307 PEJMAN 10/17-12/12 P/N E72
Lab TR 6:30 7:20 307 P/N

LNSK 117 LEARNING SKILLS: READING 4.0 Units

Reading to develop decoding, vocabulary and comprehension skills. Use of specialized techniques developed especially for students with learning disabilities. Includes reading comprehension strategies and vocabulary development, and other compensatory strategies. Designed for students with learning disabilities. **Prerequisite: ENGL 116 or LNSK 116 (completed with a grade of "P" or higher).**

D 23275 Lec MTWR 9:00 9:50 307 Staff - Co 08/16-12/19 P/N 001

LNSK 118A LEARNING SKILLS: READ/WRITE 3.0 Units

Strategies to develop college writing skills with an emphasis on developing reading comprehension strategies, summarizing and writing responses to the readings. Includes compensatory strategies. Designed for students with learning disabilities to improve reading and writing skills.

D 23276 Lec MW 1:00 2:15 303 Staff - Co 08/16-12/19 P/N 001
D 23277 Lec TR 10:30 11:45 303 Staff - Co 08/16-12/19 P/N 002

LNSK 118B LEARNING SKILLS: WRITE/READ 3.0 Units

Elements of the writing process including prewriting, organizing, writing and revising, and review of basic grammar. Includes reading comprehension strategies and review of compensatory strategies. Designed for students with learning disabilities to improve reading and writing skills.

D 23278 Lec MW 10:30 11:45 307 Staff - Co 08/16-12/19 P/N 001

LNSK 119 LEARNING SKILLS: MATHEMATICS 3.0 Units

Preparation for problem solving success in college for quantitative reasoning abilities needed to process and integrate word problems and related problem solving tasks. Designed for students with identified learning disabilities.

Prerequisite: LNSK 116 or ENGL 116 (completed with a grade of "P" or higher)

D 23279 Lec MW 9:00 10:15 303 CLEMENTS 08/16-12/19 P/N 001
D 23280 Lec TR 1:00 2:15 303 CLEMENTS 08/16-12/19 P/N 002

LNSK 120 LEARNING SKILLS: STUDY STRATEG 2.0 Units

Guided practice in specific compensatory and study strategies for those with learning disabilities. Designed for Learning Skills students actively enrolled in an academic course. Focus on utilizing skills and strategies in conjunction with academic course materials. Designed for students with identified learning disabilities.

D 23268 Lec TR 1:00 1:50 307 Staff - Co 08/16-12/19 P/N 001

LNSK 121 LEARNING SKILLS: STRATEGIES 2.0 Units

Guided practice in specific compensatory and study strategies for students with learning disabilities in language based quantitative reasoning skills (dyscalculia). Focus on utilizing skills and strategies in conjunction with academic course materials. Development of math and language skills. Designed for Learning Skills students enrolled in math.

D 23269 Lec MW 10:30 11:20 303 CLEMENTS 08/16-12/19 P/N 001

LIBRARY SKILLS

LIBS 2 LIBRARY SKILLS VIA POP CULTURE 2.0 Units

Introduction to research techniques using Chabot College library resources. Teaches the skills needed to successfully find, evaluate, and document information in print, electronic, and Internet formats. Covers plagiarism, the ethical and legal aspects of information use, and the critical thinking skills necessary for successful college research.

D 23345 Lec MW 12:00 1:30 119 BUCHWALD 09/11-11/15 GR E01
 D 23144 Lec TR 12:00 1:30 119 MORRISON 10/03-12/12 GR E02

MACHINE TOOL TECHNOLOGY

MTT 50 BLUEPRINT READ / SKETCH & CAD 3.0 Units

Fundamentals of freehand sketching, reading of blueprints, interpreting of commonly used symbols, pictorial drawings, orthographic projection, geometric construction, dimensioning, and sectioning. Includes a general approach to Computer Aided Drafting (CAD). Focus on subject matter relevant to Machine Tool Technology and Industrial Technology applications and local industry requirements. Designed to provide a working knowledge of methods of graphical communication.

E 20694 Lec Tue 6:30 8:20 1615 Staff - Ap 08/16-12/19 GR 071
 Lab Thu 6:30 9:20 1615 GR

MTT 60A MACHINE TOOL TECHNOLOGY I 4.0 Units

Introduction to machine tool operations relating to precision measuring tools, layout methods, screw threads, bench work, drill presses, hand saws, optical and manual inspection techniques, basic lathe and vertical milling operations, and evaluation of manufacturing job opportunities. Emphasis on safe and correct use of hand and machine tools.

D 20019 Lec MW 1:00 1:50 1615 Staff - Ap 08/16-12/19 GR 001
 Lab MW 2:00 4:50 1402 GR
 E 20020 Lec Mon 6:30 8:20 1615 Staff - Ap 08/16-12/19 GR 071
 Lab Mon 8:30 10:20 1402 GR
 Lab Wed 6:30 10:20 1402 GR

MTT 60B MACHINE TOOL TECHNOLOGY II 4.0 Units

Continuation of Machine Tool Technology 60A. Theory and laboratory practice relating to advanced lathe and milling machine operations, gear cutting, steel and heat treating, basic surface and cylindrical grinding, and introduction to metric measurement. Emphasis on correct machine tool setups and quality of project work are stressed. **Prerequisite: Machine Tool Technology 60A (completed with a grade of "C" or higher). Strongly recommended: Industrial Technology 74.**

D 20346 Lec TR 1:00 1:50 1615 Staff - Ap 08/16-12/19 GR 001
 Lab TR 2:00 4:50 1402 GR

MTT 63A INDIVIDUAL PROJECTS 2.0 Units

Design, development, and fabrication of selected projects for the machine tool technology major to develop special entry-level job skills. **Strongly recommended: Machine Tool Technology 60A.**

D 20018 Lab MW 2:00 4:50 1402 Staff - Ap 08/16-12/19 GR 001
 D 21277 Lab TR 2:00 4:50 1402 Staff - Ap 08/16-12/19 GR 002

MTT 63B ADVANCED INDIVIDUAL PROJECTS 2.0 Units

Continuation of Machine Tool Technology 63A. Selected projects to provide certain specialized skills required for job updating, job advancement, or skill specialization. **Strongly recommended: Machine Tool Technology 60A.**

D 20289 Lab MW 2:00 4:50 1402 Staff - Ap 08/16-12/19 GR 001
 D 21278 Lab TR 2:00 4:50 1402 Staff - Ap 08/16-12/19 GR 002

MTT 65 PRODUCTION PRACTICES 4.0 Units

Introduction to design and fabrication of production-type tooling such as jigs, fixtures, and gauges as applied in industry. Emphasis on tool design practices, fabrication techniques, set-up procedures, and inspection of production parts. **Prerequisite: Machine Tool Technology 60B (completed with a grade of "C" or higher).**

D 21428 Lec TR 11:00 11:50 1615 Staff - Ap 08/16-12/19 GR 001
 Lab TR 2:00 4:50 1402 GR

MTT 70 INTRODUCTION TO MACHINE SHOP 2.0 Units

Introduction to machine shop practice. Includes measuring tools, benchwork, screw threads, drill presses, lathes, and vertical milling machine operations. Safe and correct use of machine tools.

D 23018 Lec Tue 9:00 9:50 1620 LONG 08/16-12/19 OP 001
 Lab Tue 10:00 10:50 1402 OP
 Lab Thu 9:00 10:50 1402 OP

MTT 71A NUMERICAL CONTROL PROGRAM I 4.0 Units

Introduction to programming and operating three-axis computer numerical controlled drilling and milling machining centers. Instruction includes the XYZ Cartesian Coordinate system, manual and automatic machining center operation, absolute and incremental positioning, program coding and preparation, and fabrication of basic three-axis drill and mill parts, and laboratory "first article" inspection reports. **Strongly recommended: Industrial Technology 74.**

E 21429 Lec Tue 6:00 7:50 1620 LONG 08/16-12/19 GR 071
 Lab Tue 8:00 9:50 1618 GR
 Lab Thu 6:00 9:50 1618 GR

MTT 71C NUMERICAL CTRL PROGRAMMING III 4.0 Units

Basic programming and operating of two-axis and live tooling computer numerical controlled lathes. Instruction includes lathe programming using constant surface speeds, internal and external turning, live tool drilling, tapping, milling, sub spindle operation, and laboratory "first article" inspection reports. **Strongly recommended: Industrial Technology 74.**

E 21182 Lec TR 5:00 5:50 1620 LONG 08/16-12/19 GR 071
 Lab Tue 8:00 9:50 1618 GR
 Lab Thu 6:00 9:50 1618 GR

FALL 2017


Machine Tool Technology


The Machinist one-year certificate program is designed to train students in the operation of a variety of precision metal removal tools.

The Tool Maker two-year program is designed to train students for a tool and die making career.

Certificate of Achievement:
 Machinist
 Numerical Control Programmer
 Tool Maker

Degree:
 AS-Machine Tool Technology
 AS-Numerical Control





MTT 81A SOLIDWORKS FOR MACHINE SHOPS 3.0 Units

The fundamentals of SolidWorks design software as it pertains to machine shop use and requirements. Instruction includes theory and laboratory practice on the use of the SolidWorks design software environment to create solid models, drawings, assemblies and how to interface SolidWorks models with CAD/CAM software. PhotoWorks Cosmos Express, eDrawings, and other third party "add-ins" will be touched on briefly. **Strongly recommended: Machine Tool Technology 71A.**

E 20279	Lec	Mon	5:30 7:20	1620	LONG	08/16-12/19	GR	081
	Lab	Mon	7:30 10:20	1620			GR	

MTT 81C MASTERCAM X 4.0 Units

The fundamentals of the latest version of Mastercam X CAD/CAM manufacturing software as it pertains to machine shop use and requirements. Instruction includes theory and laboratory practice on the use of the Mastercam X software environment to create 2 1/2 and 3 axis, lathe, and wire edm tool paths. Instruction includes part drawing, dimensioning, importing electronic files (DXF, IGES, Sldprt, and Dwg), lathe and mill tool path construction, geometry and tool path transformations, tool path editing, and post processors. **Strongly recommended: Machine Tool Technology 71A.**

E 21003	Lec	Wed	5:30 7:20	1620	LONG	08/16-12/19	GR	071
	Lab	Wed	7:30 10:20	1618			GR	

MARKETING* (See course listing under Business)**MASS COMMUNICATIONS****MCOM 20 JOURNALISM: NEWSWRITING & INFO 3.0 Units**

Fundamentals of reporting and news writing to develop ability to identify a compelling story, gather information, organize, write, rewrite and deliver in the chosen format, according to professional standards of traditional print journalism and online journalism, supported by multimedia. Analysis of exemplary journalistic models. Conceive, research, and write stories using traditional news values. Requires source interviews or original research. **May not receive credit if MCOM 1 has been completed. Strongly Recommended: Eligibility for ENGL 1A.**

D 21964	Lec	TR	10:30 11:45	1756	LOTHIAN	08/16-12/19	GR	001
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MCOM 21 NEWSPAPER PRODUCTION I 3.0 Units

This course focuses on writing and producing student news publications using the school newspaper, the Spectator and its online version, thechabotspectator.com, as a practical laboratory that produces a journalistic product for distribution to a college-wide audience. Students will work primarily in one of the following areas: researching, writing, and editing articles for the two publications; taking photographs and creating graphic illustrations; developing multimedia stories; or designing pages. Ethics and legal aspects of communication are also covered. **Strongly Recommended: MCOM 20 (completed with a grade of "C" or higher) Eligibility for ENGL 1A (completed with a grade of "C" or higher).**

D 21539	Lec	Tue	1:00 1:50	2325	LOTHIAN	08/16-12/19	GR	001
	Lec	Tue	2:00 2:50	2325			GR	
	Lab	Thu	1:00 3:50	2325			GR	
	Lab	By Arr	2.0 Hrs/Wk	TBA			GR	

MCOM 22 NEWSPAPER PRODUCTION II 3.0 Units

This course focuses on intermediate writing and producing student news publications using the school newspaper, the Spectator and its online version, thechabotspectator.com, as a practical laboratory that produces a journalistic product for distribution to a college-wide audience. Students will work primarily in two or three of the following areas: researching, writing, and editing articles for the two publications; taking photographs and creating graphic illustrations; developing multimedia stories; or designing pages. Ethics and legal aspects of communication and media leadership/management are also covered. **Prerequisite: MCOM 21 (completed with a grade of "C" or higher). Strongly Recommended: MCOM 20 (completed with a grade of "C" or higher) Eligibility for: ENGL 1A.**

D 21540	Lec	Tue	1:00 1:50	2325	LOTHIAN	08/16-12/19	GR	001
	Lab	Tue	2:00 2:50	2325			GR	
	Lab	Thu	1:00 3:50	2325			GR	
	Lab	By Arr	2.0 Hrs/Wk	TBA			GR	

MCOM 23 NEWSPAPER PRODUCTION III 3.0 Units

This course focuses on advanced intermediate writing and producing student news publications using the school newspaper, the Spectator and its online version, thechabotspectator.com, as a practical laboratory that produces a journalistic product for distribution to a college-wide audience. Students will work primarily in four or five of the following areas: researching, writing, and editing articles for the two publications; taking photographs and creating graphic illustrations; developing multimedia stories; or designing pages. Ethics and legal aspects of communication and media leadership/management are also covered and students should serve in leadership roles. **Prerequisite: MCOM 22**

D 21541	Lab	Tue	1:00 1:50	2325	LOTHIAN	08/16-12/19	GR	001
	Lec	Tue	12:00 12:50	2325			GR	
	Lab	Thu	1:00 3:50	2325			GR	
	Lab	By Arr	2.0 Hrs/Wk	TBA			GR	

MCOM 24 NEWSPAPER PRODUCTION IV 3.0 Units

This course focuses on advanced leadership, writing and producing student news publications using the school newspaper, the Spectator and its online version, thechabotspectator.com, as a practical laboratory that produces a journalistic product for distribution to a college-wide audience. Students will produce work in six or more of the following areas: researching, writing, and editing advanced investigative and in-depth articles for the two publications; taking photographs and creating graphic illustrations; developing multimedia stories; or designing pages. Ethics and legal aspects of communication and media leadership/management are also covered and students should serve in leadership roles and cover a major or public affairs beat. **Prerequisite: MCOM 23.**

D 21542	Lec	Tue	12:00 12:50	2325	LOTHIAN	08/16-12/19	GR	001
	Lab	Tue	1:00 1:50	2325			GR	
	Lab	Thu	1:00 3:50	2325			GR	
	Lab	By Arr	2.0 Hrs/Wk	TBA			GR	

MCOM 26 BEGINNING PHOTOJOURNALISM 3.0 Units

Beginning photojournalism focuses on the technical, aesthetic, journalistic and interpersonal skills needed to produce images that tell stories for newspapers, magazines, books and the Internet. Assignments will introduce students to specific areas of photojournalism including current technology and tools for preparing images. Students may be assigned to cover protests, demonstrations, political campaigns, live performances, campus events, press conferences, sporting events and feature stories that explore contemporary social issues. Journalistic ethics will be the subject of ongoing discussions throughout the semester, as will applicable business practices. **Strongly Recommended: PHOT 50 or PHOT 53A.**

D 21550	Lab	Tue	1:00 1:50	2325	LOTHIAN	08/16-12/19	GR	001
	Lec	Tue	3:00 3:50	2325			GR	
	Lab	Thu	1:00 3:50	2325			GR	
	Lab	By Arr	2.0 Hrs/Wk	TBA			GR	

MCOM 40 INTRODUCTION TO BROADCASTING 3.0 Units

A survey of radio, television, film, and multimedia and their impact on culture and society; includes economics, technological development, programming, ratings, legal aspects, and social control of broadcasting in America, and cross-cultural, international comparisons.

D 20914	Lec	TR	9:00 10:15	559	GLEN	08/16-12/19	GR	001
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MCOM 41 INTRO TO MASS COMMUNICATIONS 3.0 Units

History of the press and mass media; the political, social and economic impact of the press on government and public opinion. A social and cultural impact of the media and its role in shaping public perception. An overview of the news process and job opportunities in the media. **May not receive credit if Mass Communications 5 has been completed.**

D 21011	Lec	MW	9:00 10:15	554	GLEN	08/16-12/19	GR	001
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MCOM 44 RADIO & TELEVISION ANNOUNCING 3.0 Units

Practical, hands-on experience in a broadcast radio and TV station, using state-of-the-art-equipment to improve your performance on radio and TV. Teleprompter usage, projection of personality, voice control, pronunciation and more. **May not receive credit if Mass Communications 32 has been completed.**

D 21271	Lec	TR	10:30 11:45	2252	GLEN	08/16-12/19	GR	001
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MCOM 50 RADIO STUDIO TECHNIQUES 3.0 Units

Operational procedures and practices in a modern radio broadcast studio. Emphasis on production aspects including editing and announcing, station operations and commercial radio programming. **May not receive credit if Mass Communications 34 has been completed.**

D 20917	Lec TR	1:00 2:15	301	GLEN	08/16-12/19	GR 001
	Lab By Arr	1.0 Hrs/Wk	TBA			GR

MCOM 56 INTRO TO KCRH RADIO EXP 3.0 Units

Introduction to practical experience in KCRH radio station operations including programming, music, audio production techniques, promotions, news, live sports, and underwriting sales. Experience in broadcast operation of KCRH-FM.

Prerequisite: MCOM 50 (completed with a grade of "C" or higher)

D 21583	Lec Fri	11:30 1:20	122	GLEN	08/16-12/19	GR 001
	Lab Fri	1:30 4:20	122			GR

MCOM 58 INTERMED KCRH RADIO EXPERIENCE 3.0 Units

Intermediate practical experience in KCRH radio station operations including programming, music, audio production techniques, promotions, news, live sports, and underwriting sales. Experience in broadcast operation of KCRH-FM.

Prerequisite: MCOM 56 (completed with a grade of "C" or higher).

D 20918	Lec Fri	11:30 1:20	122	GLEN	08/16-12/19	GR 001
	Lab Fri	1:30 4:20	122			GR

MCOM 59 ADV KCRH RADIO EXPERIENCE 3.0 Units

Advanced practical experience in KCRH radio station operations including running programming, music, audio production, promotions, news, live sports, and underwriting sales departments. Experience in broadcast operation of KCRH-FM. **Prerequisite: MCOM 58 (completed with a grade of "C" or higher).**

D 20920	Lec Fri	11:30 1:20	122	GLEN	08/16-12/19	GR 001
	Lab Fri	1:30 4:20	122			GR

MCOM 60 TELEVISION STUDIO TECHNIQUES I 3.0 Units

Introduction to studio practices. Hands-on experience in television studio operations, control room procedures, and basic program production.

D 20915	Lec MW	10:30 11:20	2325	LOTHIAN	08/16-12/19	GR 001
	Lab MW	11:30 12:45	2325			GR

MCOM 61 TV STUDIO TECHNIQUES II 3.0 Units

Further experience in television studio operations, control room procedures, and program production. Designed to advance skills in operating television equipment, producing and directing television programs. **Prerequisite: Mass Communications 60 (completed with a grade of "C" or higher).**

D 20916	Lec MW	1:00 1:50	2325	LOTHIAN	08/16-12/19	GR 001
	Lab MW	11:30 12:45	2325			GR

MCOM 62 TELEVISION SPORTS PRODUCTION 2.0 Units

Introduction to the exciting field of television sports production. Hands-on experience in: LIVE broadcast of Chabot College home games and production of the Chabot Sports Show, both of which are broadcast on Chabot TV on Comcast Cable 27. Other topics include: shooting and editing sports highlights and features, field production, sports field reporting, interviewing athletes, and news writing. **Strongly recommended: Mass Communications 60. Mass Communication 72 and 62 may be taken a combined total of four times.**

D 23352	Lec Fri	2:00 2:50	2325	LOTHIAN	08/16-12/19	GR 001
	Lab	By Arr 4.0 Hrs/Wk				GR

MCOM 68 KCTH TELEVISION EXPERIENCE 3.0 Units

Practical experience in television production and programming. **Prerequisite: Mass Communications 60 (completed with a grade of "C" or higher).**

D 20919	Lec Wed	4:00 5:50	2325	LOTHIAN	08/16-12/19	GR 001
	Lab By Arr	3.0 Hrs/Wk	2325			GR

MCOM 69 ADVANCED KCTH TV EXPERIENCE 3.0 Units

Advanced practical experience in television production and programming. **Prerequisite: Mass Communications 60 (completed with a grade of "C" or higher). Strongly recommended: Mass Communications 68 (completed with a grade of "C" or higher).**

D 20926	Lec Mon	4:00 5:50	2325	LOTHIAN	08/16-12/19	GR 001
	Lab By Arr	3.0 Hrs/Wk	2325			GR

MATHEMATICS

MTH 1 CALCULUS I 5.0 Units

Elements of analytic geometry, derivatives, limits and continuity, differentiation of algebraic and trigonometric functions, the definite integral. **Prerequisite: Mathematics 20 (completed with a grade of "C" or higher) or an appropriate skill level demonstrated through the Mathematics assessment process. This course may require you to purchase access to an online mathematics learning environment.**

D 20625	Lec MWF	11:30 12:55	1760	HANHAN	08/16-12/19	GR 001
D 20624	Lec MW	12:00 2:15	1801	FOUQUET	08/16-12/19	GR 002
D 20626	Lec TR	1:30 3:45	1811	CORENO	08/16-12/19	GR 003
D 22365	Lec MTWR	1:30 4:20	1904	YEST	10/23-12/12	GR E01

Math 20 to 1 Fast Track consists of an 8 week Math 20 course, paired with an 8 week Math 1 course, both offered in the same semester; students will be required to register for both. To ensure student success in these three courses, we encourage students not to exceed a maximum of 16 units with this program. For more information or to begin the application process, please go to www.chabotcollege.edu/ScienceMath/Math20to1.asp and/or contact Donna Gibson at dgibson@chabotcollege.edu if you have any additional questions.

E 20627	Lec MW	4:30 6:45	1904	CREW	08/16-12/19	GR 071
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MTH 2 CALCULUS II 5.0 Units

Continuation of differential and integral calculus, including transcendental, and inverse functions. Techniques of integration, numerical integration, parametric equations, polar coordinates, sequences, power series and Taylor series. **Prerequisite: Mathematics 1 (completed with a grade of "C" or higher). This course may require you to purchase access to an online mathematics learning environment.**

D 20628	Lec MW	9:00 11:15	1756	YEST	08/16-12/19	GR 001
D 20951	Lec TR	1:30 3:45	1803	CREW	08/16-12/19	GR 002
E 22315	Lec TR	4:30 6:45	1801	CORENO	08/16-12/19	GR 071

MTH 3 MULTIVARIABLE CALCULUS 5.0 Units

Vector valued functions, functions of several variables, partial differentiation, multiple integration, change of variables theorem, scalar and vector fields, gradient, divergence, curl, line integral, surface integral, theorems of Green, Stokes and Gauss, applications. **Prerequisite: Mathematics 2 (completed with a grade of "C" or higher).**

D 21196	Lec TR	1:05 3:20	1706	GONZALEZ	08/16-12/19	GR 001
E 21626	Lec TR	7:00 9:15	1811	BATCHELOR	08/16-12/19	GR 071

MTH 4 ELEM DIFFERENTIAL EQUATIONS 3.0 Units

Introduction to differential equations, including first and second order equations, series solutions, Laplace transforms, applications. **Prerequisite: Mathematics 2 (completed with a grade of "C" or higher).**

D 20629	Lec MW	1:00 2:15	1758	MUELLER	08/16-12/19	GR 001
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MTH 6 ELEMENTARY LINEAR ALGEBRA 3.0 Units

Introduction to linear algebra: matrices, determinants, systems of equations, vector spaces, linear transformations, eigenvalue, eigenvectors, applications. **Prerequisite: Mathematics 2 (completed with a grade of "C" or higher).**

E 20630	Lec MW	7:15 8:30	1811	BATCHELOR	08/16-12/19	GR 071
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MTH 8 DISCRETE MATHEMATICS 4.0 Units

Sets, relations and functions; logic, methods of proof, induction; combinatorics, recursion, recurrence relations and complexity of algorithms; graphs and trees; logic circuits; automata. Designed for majors in mathematics and computer science. **Prerequisite: Mathematics 1 (completed with a grade of "C" or higher).**

D 22364	Lec TR	10:00 11:50	1813	YEST	08/16-12/19	GR 001
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MTH 15 APPLIED CALCULUS I 3.0 Units

Differential calculus of algebraic, exponential, and logarithmic functions; introduction to integral calculus. Applications in business, economics and the life and social sciences. **Prerequisite: Mathematics 31 or Mathematics 20 (completed with a grade of C or higher) or an appropriate skill level demonstrated through the Mathematics Assessment process.**

This course may require you to purchase a graphing calculator.

D 21013	Lec MW	11:30 12:45	1705	TSAI	08/16-12/19	GR 001
E 20952	Lec TR	5:30 6:45	1904	YEST	08/16-12/19	GR 071

MTH 20 PRE-CALCULUS MATHEMATICS 5.0 Units

Rational functions and relations with emphasis on logical development and graphing. Solutions of polynomial equations and inequalities, the binomial theorem, strengthening of skills in working with exponential, logarithmic, and trigonometric functions, equations, graphs, and applications. **Prerequisite: Mathematics 36 or 37 (completed with a grade of "C" or higher) or appropriate skill level demonstrated through the Mathematics assessment process.**

D 20632	Lec	MWF	10:30 11:55	1703	ALEGRE	08/16-12/19	GR	001
D 20633	Lec	MTWR	1:30 4:20	1904	YEST	08/16-10/10	GR	E01
<i>Math 20 to 1 Fast Track consists of an 8 week Math 20 course, paired with an 8 week Math 1 course, both offered in the same semester; students will be required to register for both. To ensure student success in these three courses, we encourage students not to exceed a maximum of 16 units with this program. For more information or to begin the application process, please go to www.chabotcollege.edu/ScienceMath/Math20to1.asp and/or contact Donna Gibson at dgibson@chabotcollege.edu if you have any additional questions.</i>								
D 20631	Lec	MTWR	9:00 11:10	1708	KELLY	10/04-12/12	GR	E02
<i>Math 36 to 20 Fast Track consists of a 6 week Math 36 course, paired with a 10 week Math 20 course, both offered in the same semester; students will be required to register for both. To ensure student success in these three courses, we encourage students not to exceed a maximum of 16 units with this program. For more information or to begin the application process, please go to www.chabotcollege.edu/ScienceMath/Math36to20.asp and/or contact Donna Gibson at dgibson@chabotcollege.edu if you have any additional questions.</i>								
E 20844	Lec	TR	7:15 9:30	1801	WAH	08/16-12/19	GR	071
E 23333	Lec	TR	4:30 6:45	1755	BACHELOR	08/16-12/19	GR	072

MTH 25 COMP METHODS ENGINEER/SCIENCE 3.0 Units

Methodology and techniques for solving engineering/science problems using numerical-analysis computer-application programs MATLAB, SimuLink, MuPad, and EXCEL. Technical computing and visualization using MATLAB software. Examples and applications from applied-mathematics, physical-mechanics, electrical circuits, biology, thermal systems, fluid systems, and other branches of science and engineering. **May not receive credit if Engineering 25 or Physics 25 has been completed. Prerequisite: MTH 1 (completed with a grade of "C" or higher)**

D 20859	Lec	TR	3:30 4:20	1813	QUIGLEY	08/16-12/19	GR	001
	Lab	Thu	4:30 5:45	1813			GR	
	Lab	Tue	4:30 5:45	1813			GR	

MTH 31 COLLEGE ALGEBRA 3.0 Units

Preparation for Calculus for Business and Social Science students. Functions and graphs; polynomials, rational functions. Exponential and logarithmic functions, circles, parabolas, binomial theorem, sequences and series. Solving rational, radical, quadratic in form, exponential and logarithmic equations. **Prerequisite: Mathematics 54 or 54L or Mathematics 55 or 55L or Mathematics 55B (completed with a grade of "C" or higher) or appropriate skill level demonstrated through the Mathematics Assessment process. This course may require you to purchase access to an online mathematics learning environment.**

D 20634	Lec	MW	11:30 12:45	1752	CONWAY	08/16-12/19	GR	001
D 21618	Lec	MW	1:30 2:45	1705	POLISHCHUK	08/16-12/19	GR	002
D 22105	Lec	TR	9:00 10:15	1906	MUELLER	08/16-12/19	GR	003
D 20635	Lec	TR	10:30 11:45	1801	GAVRYSHOVA	08/16-12/19	GR	004
E 20846	Lec	MW	7:00 8:15	1705	FILANE	08/16-12/19	GR	071
E 22135	Lec	TR	4:30 5:45	1706	NASIRI	08/16-12/19	GR	072

MTH 36 TRIGONOMETRY 3.0 Units

Plane trigonometry. Includes circular and right triangle trigonometric functions; trigonometric equations, graphs and identities; triangle solutions. Polar coordinates. **Prerequisite: MTH 57 (completed with a grade of "C" or higher) and , MTH 55 (completed with a grade of "C" or higher) or , MTH 55L (completed with a grade of "C" or higher) or , MTH 55B (completed with a grade of "C" or higher) or an appropriate skill level demonstrated through the Early Assessment Program or an appropriate skill level demonstrated through the Mathematics Assessment process. May not receive credit if Mathematics 37 has been completed.**

D 23019	Lec	MTWR	9:00 11:05	1708	KELLY	08/16-09/27	OP	E01
<i>Math 36 to 20 Fast Track consists of a 6 week Math 36 course, paired with a 10 week Math 20 course, both offered in the same semester; students will be required to register for both. To ensure student success in these three courses, we encourage students not to exceed a maximum of 16 units with this program. For more information or to begin the application process, please go to www.chabotcollege.edu/ScienceMath/Math36to20.asp and/or contact Donna Gibson at dgibson@chabotcollege.edu if you have any additional questions.</i>								

MTH 37 TRIG/GEOMETRIC FOUNDATIONS 5.0 Units

Plane trigonometry, with topics from plane geometry. Contains the entire subject content of Mathematics 36. Includes circular and right triangle trigonometric functions; trigonometric equations, graphs and identities; triangle solutions; polar coordinates. Also includes congruence, properties of polygons, parallel lines, similarity, areas, volumes, and coordinate geometry. **Prerequisite: Mathematics 55, 55L or Mathematics 55B (both completed with a grade of "C" or higher) or an appropriate skill level demonstrated through the Mathematics Assessment process. May not receive credit if Mathematics 36 has been completed.**

D 20639	Lec	MTWR	1:45 2:50	1802	ROULAND	08/16-12/19	GR	001
D 22103	Lec	TR	9:30 11:45	1706	GONZALEZ	08/16-12/19	GR	002
E 20638	Lec	MW	7:00 9:15	1802	NGUYEN	08/16-12/19	GR	071
E 20966	Lec	TR	4:30 6:45	1811	FOUQUET	08/16-12/19	GR	072
E 22896	Lec	TR	4:30 6:45	1804	GONZALEZ	08/16-12/19	GR	073
E 20637	Lec	MWF	4:30 5:55	1756	NASIRI	08/16-12/19	GR	074

MTH 43 INTRO/PROBABILITY & STATISTICS 4.0 Units

Descriptive statistics, including measures of central tendency and dispersion; elements of probability; tests of statistical hypotheses (one and two populations); correlation and regression; applications in various fields. Introduction to the use of computer software package to complete both descriptive and inferential statistics problems. **Prerequisite: Mathematics 54, 54L, 55, 55L or 55B (completed with a grade of "C" or higher) or an appropriate skill level demonstrated through the Early Assessment Program or an appropriate skill level demonstrated through the Mathematics Assessment process. Strongly recommended: Eligibility for English 1A. May not receive credit if Mathematics 35 has been completed. This course may require you to purchase statistics software and a graphing calculator.**

D 22886	Lec	Mon	1:30 3:45	1706	HO	08/16-12/19	GR	001
	Lec	Wed	1:30 2:45	1706			GR	
	Lab	Wed	2:55 3:45	1706			GR	
<i>This course requires access to a free or low cost web-based book for required daily assignments.</i>								
D 20643	Lec	Mon	8:00 10:15	1706	HO	08/16-12/19	GR	002
	Lec	Wed	8:00 9:15	1706			GR	
	Lab	Wed	9:25 10:15	1706			GR	
<i>This course requires access to a free or low cost web-based book for required daily assignments.</i>								
D 21652	Lec	Mon	8:00 10:15	1812	GONZALEZ	08/16-12/19	GR	003
	Lec	Wed	8:00 9:15	1812			GR	
	Lab	Wed	9:30 10:20	1812			GR	
D 21543	Lec	Mon	10:30 12:45	1702	CORENO	08/16-12/19	GR	004
	Lec	Wed	10:30 11:45	1702			GR	
	Lab	Wed	11:55 12:45	1702			GR	
D 22735	Lec	Mon	1:30 3:45	1703	ALEGRE	08/16-12/19	GR	005
	Lec	Wed	1:30 2:45	1703			GR	
	Lab	Wed	2:55 3:45	1703			GR	
D 22104	Lec	Tue	1:15 3:30	1708	WAH	08/16-12/19	GR	006
	Lec	Thu	1:15 2:30	1708			GR	
	Lab	Thu	2:40 3:30	1708			GR	

MTH 43-006 has a corequisite; MTH 43W-001 must be taken concurrently. This is a pilot program to open statistics to more students. Eligible students must have completed at least MTH 65 or be placed at MTH 55 or higher by the Chabot Math Assessment. Elementary algebra (MTH 53 or MTH 65) students with strong background may be accepted to the pilot. For more information or to begin the application process, please go to www.chabotcollege.edu/ScienceMath/MTH43CoReq.asp and/or contact Ms. Wah at awah@chabotcollege.edu if you have any additional questions. This course may require you to purchase statistics software and a graphing calculator. This course requires access to a free or low cost web-based book for required daily assignments.

D 21544	Lec	Tue	4:15 6:30	1708	WAH	08/16-12/19	GR	007
	Lec	Thu	4:15 5:30	1708			GR	
	Lab	Thu	5:40 6:30	1708			GR	
D 20644	Lec	Mon	1:30 3:45	1702	ABRAO	08/16-12/19	GR	008
	Lec	Wed	1:30 2:45	1702			GR	
	Lab	Wed	2:55 3:45	1702			GR	
D 20640	Lec	MW	9:00 10:15	1702	DAVIS	08/16-12/19	GR	H01
	By Arr		2.0 Hrs/Wk		HYBRID		GR	

This section is a hybrid section and it will be partially Flipped. Students will be expected to view lecture content through online videos outside of regular class time. This course may require you to purchase statistics software and a graphing calculator.

MTH 43 (CONTINUED TOP OF NEXT PAGE)

CRN	Type	Day(s)	Times	Room	Instructor	Dates	Code	Sec
MTH 43 (CONTINUED)								
D 20642	Lec	TR	9:00 10:15	1756	DAVIS	08/16-12/19	GR	H02
			By Arr 2.0 Hrs/Wk	HYBRID				
<i>This section is a hybrid section and it will be partially Flipped. Students will be expected to view lecture content through online videos outside of regular class time. This course may require you to purchase statistics software and a graphing calculator.</i>								
E 20641	Lec	Mon	4:30 6:45	1708	ABRAO	08/16-12/19	GR	071
	Lec	Wed	4:30 5:45	1708			GR	
	Lab	Wed	5:55 6:45	1708			GR	
E 20647	Lec	Mon	7:00 9:15	1708	OLIVER	08/16-12/19	GR	072
	Lec	Wed	7:00 8:15	1708			GR	
	Lab	Wed	8:25 9:15	1708			GR	
E 20646	Lec	MW	4:30 5:45	1706	LIANG	08/16-12/19	GR	073
	Lec	Fri	4:30 5:20	1706			GR	
	Lab	Fri	5:25 6:15	1706			GR	
E 20648	Lec	Tue	7:00 9:15	1702	ISHIBASHI	08/16-12/19	GR	074
	Lec	Thu	7:00 8:15	1702			GR	
	Lab	Thu	8:25 9:15	1702			GR	
E 20645	Lec	Mon	7:00 8:50	1706	DAVIS	08/16-12/19	GR	H71
			By Arr 3.0 Hrs/Wk	HYBRID				
<i>This section is a hybrid section and it will be partially Flipped. Students will be expected to view lecture content through online videos outside of regular class time. This course may require you to purchase statistics software and a graphing calculator.</i>								

MTH 43W PROBABILITY/STATISTICS WRKSH **0.5 Units**
 Laboratory, study group, collaborative workshop or computer laboratory time for Introduction to Probability and Statistics. **Corequisite: Mathematics 43.**
 D 23020 Lab Fri 1:15 3:05 1708 WAH 08/16-12/19 P/N 001
This course has a corequisite; MTH 43-006 must be taken concurrently.

MTH 47 MATHEMATICS FOR LIBERAL ARTS **3.0 Units**
 An introductory study of several mathematical topics. Use of mathematics to make informed decisions in different areas of daily life such as finance and politics. Topics include logic, voting, apportionment, probability, statistics, finance, and graph theory. **Prerequisite: MTH 55 (completed with a grade of "C" or higher) or , MTH 55L (completed with a grade of "C" or higher) or , MTH 55B (completed with a grade of "C" or higher) or an appropriate skill level demonstrated through the Early Assessment Program or an appropriate skill level demonstrated through the mathematics assessment process.**
 D 23021 Lec MW 1:30 2:45 3924 WUTKE 08/16-12/19 GR 001

MTH 53 APPLIED ALGEBRA & DATA ANALYSIS **6.0 Units**
 Equations and formulas; linear, exponential, logarithmic and variation functions; measurement and conversion of units; exponents and scientific notation; introduction to descriptive statistics including graphical methods; introduction to probability; measures of risk. Intended for students who do not need calculus. **Prerequisite: MTH 104 (completed with a grade of "C" or higher) or an appropriate skill level demonstrated through the Mathematics Assessment process. Strongly Recommended: ENGL 102 or ENGL 101B** This course has been developed for students whose majors do not require calculus. **The course will prepare students for entry into Math 43: Statistics and Math 47: Math for Liberal Arts. For more information, please contact the Science & Math Division at cc-sciencemathdiv@chabotcollege.edu**
This course may require you to purchase access to an online math learning environment and a graphing calculator.
 D 21600 Lec MTWR 10:30 11:45 1751 TA 08/16-12/19 OP 001
 Lab Fri 10:30 11:20 1751 OP
 D 21548 Lec Mon 1:30 2:20 1751 ISHIBASHI 08/16-12/19 OP 002
 Lab Mon 2:25 3:15 1751 OP
 Lec TWR 1:30 2:55 1751 OP
 D 21982 Lec MTW 1:30 2:55 1753 Staff - Sc 08/16-12/19 OP 003
 Lec Thu 1:30 2:20 1753 OP
 Lab Thu 2:25 3:15 1753 OP
 D 21546 Lec TWR 8:30 9:55 1751 BRASELTON 08/16-12/19 OP 004
 Lec Mon 8:30 9:20 1751 OP
 Lab Mon 9:25 10:15 1751 OP
This section is dedicated to our First Year Experience students. For pathway registration course numbers or information on the program, please visit us at www.chabotcollege.edu/FYE.
 D 22836 Lec MTW 8:00 9:25 3934 ROULAND 08/16-12/19 OP 005
 Lab Thu 8:00 8:50 3934 OP
 Lec Thu 8:55 9:45 3934 OP
 D 21981 Lec TR 4:00 6:15 3934 PHAM 08/16-12/19 OP 006
 Lec Wed 4:00 4:50 3934 OP
 Lab Wed 5:00 5:50 3934 OP

CRN	Type	Day(s)	Times	Room	Instructor	Dates	Code	Sec
MTH 53 (CONTINUED)								
D 21547	Lec	M R	10:30 11:45	1753	DAVIS	08/16-12/19	OP	H01
			By Arr 4.0 Hrs/Wk	HYBRID				
<i>This section is a hybrid section and it will be partially "Flipped". Students will be expected to view lecture content through online videos outside of regular class time. This course has been developed for students whose majors do not require calculus. The course will prepare students for entry into Math 43: Statistics and Math 47: Math for Liberal Arts. For more information, please contact the Science & Math Division at cc-sciencemathdiv@chabotcollege.edu</i>								
D 21884	Lec	Tue	6:00 9:15	1753	ROUSE	08/16-12/19	GR	OP1
	Lec	Thu	6:00 8:15	1753			GR	
	Lab	Thu	8:25 9:15	1753			GR	
<i>This is a PACE Course. Only PACE students may enroll in this class until 7/5. From 7/6, any student may enroll in remaining open spaces. For information on the PACE Program, go to www.chabotcollege.edu/PACE</i>								
E 21602	Lec	MTR	4:30 5:55	1751	ISHIBASHI	08/16-12/19	OP	071
	Lec	Wed	4:30 5:20	1751			OP	
	Lab	Wed	5:25 6:15	1751			OP	

MTH 53A ELEM APPLIED ALGEBRA & DATA AN **3.0 Units**
 Equations and formulas; linear functions; scatterplots and linear models; measurement and conversion of units; proportional reasoning and problem solving. Intended for students who do not need calculus. **Prerequisite: MTH 104 (completed with a grade of "C" or higher) or an appropriate skill level demonstrated through the Mathematics Assessment process. Strongly Recommended: ENGL 102 or ENGL 101B.** This course has been developed for students whose majors do not require calculus. The course will prepare students for entry into Math 43: Statistics and Math 47: Math for Liberal Arts. For more information, please contact the Science & Math Division at cc-sciencemathdiv@chabotcollege.edu ***This course may require you to purchase access to an online math learning environment and a graphing calculator.***
 D 22386 Lec MW 10:30 11:45 3932 GAVRYSHOVA 08/16-12/19 OP 001
 Lab Fri 10:00 10:50 1752 OP
 D 22387 Lec TR 10:30 11:45 3932 DINH 08/16-12/19 OP 002
 Lab Fri 11:00 11:50 1752 OP

MTH 53B INTER APPLIED ALGEBRA&DATA ANA **3.0 Units**
 Formulas; inverse, exponential, logarithmic functions, variation function; introduction to descriptive statistics including graphical methods; introduction to probability. Intended for students who do not need calculus. **Prerequisite: MTH 53A (completed with a grade of "C" or higher) or an appropriate skill level demonstrated through the Mathematics Assessment process. Strongly Recommended: ENGL 102 or ENGL 101B**
 D 22848 Lec MW 3:00 4:15 1753 LIANG 08/16-12/19 OP 001
 Lab Fri 3:00 3:50 1753 OP

MTH 55 INTERMEDIATE ALGEBRA **5.0 Units**
 Concepts involving complex numbers, quadratic equations, parabolas and circles, functions and their graphs, systems of equations, rational exponents, radical equations, absolute value equations and inequalities, exponential and logarithmic functions and equations. Prerequisites: Mathematics 65 or Mathematics 65B or Mathematics 65L (completed with a grade of "C" or higher) or an appropriate skill level demonstrated through the Mathematics Assessment process. ***May not receive credit if Mathematics 55A and Mathematics 55B or Mathematics 55L have been completed.***
This course may require you to purchase access to an online mathematics learning environment.
 D 20669 Lec MTWR 9:00 10:05 1758 HANHAN 08/16-12/19 OP FYE
 D 20667 Lec TR 1:30 3:45 1758 ABRAO 08/16-12/19 OP FE1
MTH 55 section FYE/FE1 are dedicated to our First Year Experience students. For pathway registration course numbers or information on the program, please visit us at www.chabotcollege.edu/FYE.
 D 20845 Lec MTWR 7:45 8:50 1758 DINH 08/16-12/19 OP 001
 D 20664 Lec MTWR 10:40 11:45 1758 ABRAO 08/16-12/19 OP 002
 D 21197 Lec MTWR 1:30 2:35 1755 HANHAN 08/16-12/19 OP 003
 D 20665 Lec MTWR 3:00 4:05 1755 ZEMLA 08/16-12/19 OP 004
 D 20663 Lec MTW 8:00 9:40 1755 CHAUDHURI 08/16-12/19 OP 005
 D 22849 Lec MW 1:30 3:45 1811 KELLY 08/16-12/19 OP 006
 D 22389 Lec TR 1:30 3:45 3934 ALEGRE 08/16-12/19 OP 007
 D 20666 Lec TR 4:00 6:15 1756 Staff - Sc 08/16-12/19 OP 009
 E 21269 Lec MW 4:30 6:45 1758 NEMZER 08/16-12/19 OP 071
 E 21270 Lec MW 7:00 9:15 1758 LIANG 08/16-12/19 OP 073
 E 21198 Lec MW 7:00 9:15 1752 HAM 08/16-12/19 OP 074
 E 20673 Lec TR 4:30 6:45 1703 TA 08/16-12/19 OP 075
 E 21014 Lec TR 4:30 6:45 1758 ZEMLA 08/16-12/19 OP 076
 E 22822 Lec TR 4:30 6:45 1906 DESMEDT 08/16-12/19 OP 077
 E 20660 Lec TWR 6:30 8:10 1756 PHAM 08/16-12/19 OP 078
 E 20674 Lec TR 7:15 9:30 1758 FILANE 08/16-12/19 OP 079

MTH 53 (CONTINUED TOP OF NEXT COLUMN)

MTH 65 ELEMENTARY ALGEBRA 5.0 Units

Elementary concepts, including signed numbers, integral exponents, polynomials and rational expressions; linear, quadratic and rational equations; linear inequalities; introduction to graphs and set theory; systems of equations. **Prerequisite: Mathematics 104 (completed with a grade of C or higher) or an appropriate skill level demonstrated through the Mathematics Assessment process. May not receive credit if Mathematics 65L or Mathematics 65A and Mathematics 65B have been completed.** This course is designed for students with a major requiring Calculus or Applied Calculus. **This course may require you to purchase access to an online mathematics learning environment.**

D 20676	Lec	MTWR	9:00 10:05	1705	FREELAND	08/16-12/19	OP	001
<i>This section is dedicated to our First Year Experience students. For pathway registration course numbers or information on the program, please visit us at www.chabotcollege.edu/FYE.</i>								
D 21272	Lec	MTWR	10:15 11:35	1755	FREELAND	08/16-12/19	OP	002
D 20677	Lec	MTWR	3:00 4:05	1802	SOHR	08/16-12/19	OP	003
D 22851	Lec	TR	1:00 2:25	1760	SOHR	08/16-12/19	OP	004
	Lec	Fri	1:00 2:25	1753			OP	
E 22486	Lec	MW	4:30 6:45	1755	POLISHCHUK	08/16-12/19	OP	071
E 20678	Lec	MW	7:00 9:15	1760	KNIGHTS	08/16-12/19	OP	072
E 20679	Lec	TR	4:30 6:45	1760	ZHANG	08/16-12/19	OP	073
E 20680	Lec	TR	7:00 9:15	1908	KAESER	08/16-12/19	OP	074

MTH 65A ELEMENTARY ALGEBRA A 3.0 Units

Concepts covered in the first half of Mathematics 65, including signed numbers, linear equations and inequalities; introduction to graphs; set theory. Designed for those with no previous algebra background. **Prerequisite: Mathematics 104 (completed with a grade of "C" or higher) or an appropriate skill level demonstrated through the Mathematics Assessment process. May not receive credit if Mathematics 65 or 65L has been completed.**

D 23282	Lec	MW	2:00 3:15	1908	OLIVER	08/16-12/19	OP	HG1
<i>The Math 65A/B sequence splits Math 65 (Elementary Algebra) into two 3-unit courses that cover the same STEM track content of Math 65 but present it in a self-paced mastery approach completely individualized for you. When Math 65A is completed you continue directly into Math 65B. Each weekly progress quiz you take is based on the results of your last quiz. Topics you have not mastered return and topics are added. Assigned homework modules are online and completed by hand (pencil and paper) just like the weekly progress quizzes. New topics are introduced by online videos. Regular class meetings are tutoring sessions where you can get help from your instructor. Your course grade is based on your final exam which can be taken more than once. Sample final exams are available online for practice at any time.</i>								
E 23283	Lec	TR	5:00 6:15	1908	OLIVER	08/16-12/19	OP	HG2
<i>The Math 65A/B sequence splits Math 65 (Elementary Algebra) into two 3-unit courses that cover the same STEM track content of Math 65 but present it in a self-paced mastery approach completely individualized for you. When Math 65A is completed you continue directly into Math 65B. Each weekly progress quiz you take is based on the results of your last quiz. Topics you have not mastered return and topics are added. Assigned homework modules are online and completed by hand (pencil and paper) just like the weekly progress quizzes. New topics are introduced by online videos. Regular class meetings are tutoring sessions where you can get help from your instructor. Your course grade is based on your final exam which can be taken more than once. Sample final exams are available online for practice at any time.</i>								

How to be successful in Math 65A & B

If you really want to learn the algebra so you can advance to a STEM major and are willing to work to do that, **THIS CLASS IS FOR YOU!**

- You take weekly quizzes on algebra topics. Topics you know are not repeated on the next quiz. Each weekly quiz is custom made for you!
- You are assigned homework on the new topics and the ones you have not yet mastered.
- You log into the course website to get your assignment (print them out or copy by hand).
- There is no course textbook (but you can use on if you want).
- An explanation video on YouTube is available to watch for each topic.
- This course will not run away from you (the main reason student fail regular fixed-pace lecture math classes).
- This course will go at your pace and will only add new topics when you have learned the past ones.
- Your course grade is just based on the final exam which you can take more than once. Your grade is the last final exam you take. You must you must finish the course within two terms.

MTH 65B ELEMENTARY ALGEBRA B 3.0 Units

Concepts covered in the second half of Mathematics 65, including an introduction to polynomials, factoring, rational expressions and complex fractions; quadratic and rational equations; Solving quadratic equations. **Prerequisite: Mathematics 65A (completed with a grade of C or higher). May not receive credit if Mathematics 65 or 65L has been completed.**

D 23284	Lec	MW	3:30 4:45	1908	OLIVER	08/16-12/19	OP	HG1
<i>The Math 65A/B sequence splits Math 65 (Elementary Algebra) into two 3-unit courses that cover the same STEM track content of Math 65 but present it in a self-paced mastery approach completely individualized for you. When Math 65A is completed you continue directly into Math 65B. Each weekly progress quiz you take is based on the results of your last quiz. Topics you have not mastered return and topics are added. Assigned homework modules are online and completed by hand (pencil and paper) just like the weekly progress quizzes. New topics are introduced by online videos. Regular class meetings are tutoring sessions where you can get help from your instructor. Your course grade is based on your final exam which can be taken more than once. Sample final exams are available online for practice at any time.</i>								
D 23285	Lec	TR	3:30 4:45	1908	OLIVER	08/16-12/19	OP	HG2
<i>The Math 65A/B sequence splits Math 65 (Elementary Algebra) into two 3-unit courses that cover the same STEM track content of Math 65 but present it in a self-paced mastery approach completely individualized for you. When Math 65A is completed you continue directly into Math 65B. Each weekly progress quiz you take is based on the results of your last quiz. Topics you have not mastered return and topics are added. Assigned homework modules are online and completed by hand (pencil and paper) just like the weekly progress quizzes. New topics are introduced by online videos. Regular class meetings are tutoring sessions where you can get help from your instructor. Your course grade is based on your final exam which can be taken more than once. Sample final exams are available online for practice at any time.</i>								

MTH 104 PREALGEBRA 4.0 Units

Brief review of arithmetic, including fractions, decimals, percents; order of operations, and geometric formulas. Introduction to algebraic concepts, including signed numbers, properties of real numbers, algebraic expressions, linear equations and graphs. **This course may require you to purchase access to an online mathematics learning environment.**

D 22317	Lec	MTW	9:00 10:10	1760	TA	08/16-12/19	OP	001
	Lab	Thu	9:00 9:50	1760			OP	
<i>This section is dedicated to our First Year Experience students. For pathway registration course numbers or information on the program, please visit us at www.chabotcollege.edu/FYE.</i>								
D 20999	Lec	TR	10:15 12:30	1703	ROULAND	08/16-12/19	OP	002
	Lab	Thu	10:15 11:30	1703			OP	
	Lab	Thu	11:40 12:30	1703			OP	
D 21000	Lec	MTW	2:40 3:50	1752	Staff - Sc	08/16-12/19	OP	003
	Lab	Thu	2:40 3:30	1752			OP	
D 22174	Lec	Tue	3:00 5:15	1702	Staff - Sc	08/16-12/19	OP	004
	Lec	Thu	3:00 4:15	1702			OP	
	Lab	Thu	4:25 5:15	1702			OP	
D 23022	Lec	Tue	8:00 10:15	1804	Staff - Sc	08/16-12/19	OP	005
	Lec	Thu	8:00 9:15	1804			OP	
	Lab	Thu	9:25 10:15	1804			OP	
D 23023	Lec	Tue	9:30 11:45	1752	BERLAND	08/16-12/19	OP	006
	Lec	Thu	9:30 10:45	1752			OP	
	Lab	Thu	10:55 11:45	1752			OP	
D 23024	Lec	Tue	1:30 3:45	1703	BERLAND	08/16-12/19	OP	007
	Lec	Thu	1:30 2:45	1703			OP	
	Lab	Thu	2:55 3:45	1703			OP	
D 22852	Lec	Mon	2:00 4:15	506	BROJERDI	08/16-12/19	OP	008
	Lec	Wed	2:00 3:15	506			OP	
	Lab	Wed	3:25 4:15	506			OP	
E 20998	Lec	MW	4:00 6:15	1752	KELLY	08/16-12/19	OP	071
	Lab	Wed	4:00 5:15	1752			OP	
	Lab	Wed	5:25 6:15	1752			OP	
E 21001	Lec	Mon	6:30 8:45	1751	GERRY	08/16-12/19	OP	072
	Lec	Wed	6:30 7:45	1751			OP	
	Lab	Wed	7:55 8:45	1751			OP	
E 21002	Lec	Tue	6:30 8:45	1706	KNIGHTS	08/16-12/19	OP	074
	Lec	Thu	6:30 7:45	1706			OP	
	Lab	Thu	7:55 8:45	1706			OP	
E 23025	Lec	Mon	7:00 9:15	1703	NEMZER	08/16-12/19	OP	075
	Lec	Wed	7:00 8:15	1703			OP	
	Lab	Wed	8:25 9:15	1703			OP	

MTH 122 MATH LAB

0.5-1.0 Units

Provides mathematics students an opportunity to build/maintain mathematics skills with tutorial assistance from an instructor, student tutors, and/or fellow Students may also use a software program and work on problems at their own pace through active participatory experience.

D 22847 Lab By Arr 3.0 Hrs/Wk 3906 HO 08/16-12/19 P/N 001
The Alternative Path in Developmental Math program is a flexible-paced math sequence that provides students with an individualized math program. Students must be self-motivated and able to work independently. To register for this course, please contact the Science and Math Division office at mho@chabotcollege.edu This course will meet in room 3906.

MEDICAL ASSISTING

MEDA 70A CLIN SKILLS FOR MED ASST I

3.0 Units

Introduction to the clinical role of the Medical Assistant. Includes basic and advanced skills which are utilized when assisting the physician and performing direct patient care. Co-requisite: Health 51A (may be taken concurrently).

D 20077 Lec Mon 9:00 10:50 2254 PERKINS 08/16-12/19 GR 001
 Lab Thu 9:00 11:50 3116 GR

Medical Assisting is a 2 - semester certificated program. There is no special application. All students wishing to be enrolled in the Medical Assisting program should register for the following classes for Fall semester. HLTH 51A, MEDA 70A, MEDA 71A MEDA 72A and MEDA 75 as well as one of the following computer classes CAS 50, CAS 88A or CSCI 8. An American Heart Association Healthcare Provide CPR card is required during the first semester and must remain current through the end of the program. All of these classes must be completed with a "C" or better to progress to the second semester of Medical Assisting. Class size is limited, so register early. For further information, visit the Medical Assisting website at <http://www.chabotcollege.edu/MEDA/> You may e-mail Kristina Perkins at kperkins@chabotcollege.edu or call (510) 723-7211. After registered students are admitted from the class rosters, additional students may be added in order from the waiting list. If you are registered but fail to attend the first session of each class without notifying the instructor you will be dropped and your place will be given to a student on the waiting list.

MEDA 71A ADMINISTRATIVE SKILLS I

2.0 Units

Administrative Medical Assisting skills and theory to include the healthcare industry, the medical assisting profession, interpersonal skills and human behavior, law and ethics, computer concepts, telephone techniques, scheduling appointments, patient reception and processing office/clinic environment and daily operations, written Communication and mail processing medical record management. **Co-requisite: Health 51A.**

D 20078 Lec Wed 12:00 12:50 2254 PERKINS 08/16-12/19 GR 001
 Lab Wed 9:00 11:50 2254 GR

Medical Assisting is a 2 - semester certificated program. There is no special application. All students wishing to be enrolled in the Medical Assisting program should register for the following classes for Fall semester. HLTH 51A, MEDA 70A, MEDA 71A, MEDA 72A and MEDA 75 as well as one of the following computer classes CAS 50, CAS 88A or CSCI 8. An American Heart Association Healthcare Provide CPR card is required during the first semester and must remain current through the end of the program. All of these classes must be completed with a "C" or better to progress to the second semester of Medical Assisting. Class size is limited, so register early. For further information, visit the Medical Assisting website at <http://www.chabotcollege.edu/MEDA/> You may e-mail Kristina Perkins: kperkins@chabotcollege.edu call (510) 723-7211. After registered students are admitted from the class rosters additional students may be added in order from the waiting list. If you are registered but fail to attend the first session of each class without notifying the instructor you will be dropped and your place will be given to a student on the waiting list.

MEDA 72A ELECTRONIC HEALTH RECORD PRT 1

1.0 Units

To prepare the student medical assistant with knowledge of the Electronic Health Record Managing the revenue cycle, and documenting patient encounters. Strongly Recommended: HLTH 51A and , CAS 50 or CSCI 8 should be taken prior but can be taken concurrently **Corequisite: MEDA 70A , MEDA 71A and MEDA 75**

D 21855 Lec Wed 3:30 4:20 2256 PERKINS 08/16-12/19 GR 001
 Lab Wed 4:30 5:20 2256 GR

MEDA 75 ADMIN OF MEDS FOR MED ASSIST

3.0 Units

Medication administration including study of drugs, drug research, drug therapy, immunizations and skin tests. Safe preparation, administration, and documentation of medication given by oral, sublingual, inhalation, topical, vaginal, rectal, transdermal, intramuscular, subcutaneous and intradermal routes.

Corequisite: Medical Assisting 70A and Medical Assisting 71A.

D 20358 Lec Mon 11:00 12:50 2254 PERKINS 08/16-12/19 GR 001
 Lab Tue 9:00 11:50 3102 GR

Medical Assisting is a 2 - semester certificated program. There is no special application. All students wishing to be enrolled in the Medical Assisting program should register for the following classes for Fall semester. MEDA 70A, MEDA 71A, MEDA 72A and MEDA 75 as well as one of the following computer classes CAS 50, CAS 88A or CSCI 8. An American Heart Association Healthcare Provide CPR card is required during the first semester and must remain current through the end of the program. All of these classes must be completed with a "C" or better to progress to the second Semester of Medical Assisting. Class size is limited, so register early. For further information, visit the Medical Assisting website at <http://www.chabotcollege.edu/MEDA/> You may e-mail Kristina Perkins: kperkins@chabotcollege.edu or call (510) 723-7211. After registered students are admitted from the class rosters additional students may be added in order from the waiting list. If you are registered but fail to attend the first session of each class without notifying the instructor you will be dropped and your place will be given to a student on the waiting list.

MUSIC-RECORDING TECHNOLOGY

MURT 20 DIGITAL AUDIO WORKSTATION

3.0 Units

Fundamentals of digital audio manipulation, recording and production within industry-standard digital audio workstation software. Introduction to MIDI sequencing, digital signal processing and audio editing.

D 22756 Lec MW 10:00 10:50 1236 Staff - Fi 08/16-12/19 GR 001
 Lab MW 11:00 11:50 TBA GR
 D 22757 Lec MW 1:00 1:50 TBA Staff - Fi 08/16-12/19 GR 002
 Lab MW 2:00 2:50 TBA GR
 D 22758 Lec TR 10:00 10:50 TBA ROSEN 08/16-12/19 GR 003
 Lab TR 11:00 11:50 TBA GR
 D 22889 Lec TR 1:00 1:50 1236 ROSEN 08/16-12/19 GR 004
 Lab TR 2:00 2:50 1236 GR
 E 23225 Lec Tue 5:00 6:50 1236 HURT 08/16-12/19 GR 071
 Lab Tue 7:00 7:50 1236 GR
 Lab By Arr 1.0 Hrs/Wk TBA GR

MURT 22A ELECTRONIC MUSIC PRODUCTION I

3.0 Units

Fundamentals of electronic music production and MIDI sequencing. Principles of synthesis, survey of electronic music instruments and their development, MIDI sequencing, drum machines and beat making, and multitrack electronic music production. **Prerequisite: MURT 20 (completed with a grade of "C" or higher).**

E 21181 Lec Thu 5:00 6:50 1236 Staff - Fi 08/16-12/19 GR 071
 Lab Thu 7:00 8:50 1236 GR
 Lab By Arr 2.0 Hrs/Wk TBA GR

MURT 28 MUSIC INDUSTRY CAREER DEVLPMNT

3.0 Units

Career opportunities in the Music industry, artist management and promotion, music merchandising.

E 22759 Lec Mon 6:00 8:50 1224 HURT 08/16-12/19 GR 071
 Lab By Arr 1.0 Hrs/Wk TBA GR

MUSIC-APPLIED

MUSA 11 JAZZ IMPROVISATION

1.0 Units

Major scales, chord construction, and development of melodic lines used in contemporary styles of Jazz Improvisation. Jazz literature for combos of the post Bop era using exotic scales, altered chord construction, and development of modal and intervallic concepts used in contemporary improvisation.

D 21584 Lab MW 1:00 2:30 1250 PALACIO 08/16-12/19 GR 001
 Lab By Arr 1.0 Hrs/Wk TBA GR

MUSA 20A GUITAR I

1.0 Units

Beginning guitar using a combination of folk and classic approaches to playing technique, utilizing basic scales and chords in first position, and music notation.

Strongly recommended: Music 6.

D 20795 Lab MW 10:30 11:20 1245 FLORES 08/16-12/19 GR 001
 Lab By Arr 2.0 Hrs/Wk TBA GR

CRN	Type	Day(s)	Times	Room	Instructor	Dates	Code	Sec	CRN	Type	Day(s)	Times	Room	Instructor	Dates	Code	Sec		
MUSA 21A	PIANO I							1.0 Units		MUSA 40	APPLIED LESSONS- JAZZ TROMBONE							1.0 Units	
Beginning piano. Contemporary and classic approaches to playing piano using basic scales, chords and music notation. Prerequisite: Music 6 (Completed with a grade of "C" or higher) or equivalent.									D 21942 Lab By Arr 4.0 Hrs/Wk TBA WILLIAMS 08/16-12/19 GR 018										
D 20007	Lab	MW	12:00 12:50	1223	LINGTON	08/16-12/19	GR	001	MUSA 40	APPLIED LESSONS- VOICE							1.0 Units		
	Lab By Arr		2.0 Hrs/Wk		TBA		GR		D 22885 Lab By Arr 4.0 Hrs/Wk TBA FALLIHEE 08/16-12/19 GR 019										
E 22628	Lab	Mon	5:00 6:50	1223	LINGTON	08/16-12/19	GR	071	MUSIC-LITERATURE, THEORY AND MUSICIANSHIP...										
	Lab By Arr		2.0 Hrs/Wk		TBA		GR		MUSL 1	INTRODUCTION TO MUSIC							3.0 Units		
MUSA 23A VOICE I 1.0 Units									Music for enjoyment and understanding through informed listening, analysis, evaluation and discernment of musical elements, forms, and repertoire. Attendance at concerts and listening to a variety of music is required. May be offered in Distance Education delivery format.										
Group singing with an emphasis on solo performance, tone production, breathing, diction, sight singing and interpretation of vocal literature. Strongly recommended: MUSL 6.									D 20010 Lec TR 10:30 11:45 1224 SHANNON 08/16-12/19 GR 001										
D 20724	Lab	MW	1:30 2:20	1224	SAUERLAND	08/16-12/19	GR	001		Lab By Arr		1.0 Hrs/Wk		1224					
	Lab By Arr		2.0 Hrs/Wk		TBA		GR		D 22634	Lec	Tue	1:00 2:15	1224	HARRIS	08/16-12/19	GR	H01		
MUSA 40 APPLIED LESSONS- FLUTE 1.0 Units									Lec By Arr 1.5 Hrs/Wk HYBRID										
Individualized study of the appropriate techniques and repertoire for the specific instrument or voice being studied. The emphasis is on the progressive development of skills needed for solo performance. Achievement is evaluated through a juried performance. Enrollment subject to a standardized audition demonstrating basic competencies in technique and musicianship in their major performance medium. Corequisite: MUSP 12 or 13 or 14 or 15 or 16 or 44 or 45.									Lab By Arr 1.0 Hrs/Wk 1224 GR										
D 21280	Lab	By Arr	4.0 Hrs/Wk		TBA	JOHNSON	08/16-12/19	GR	O 20285	By Arr	6.7 Hrs/Wk		ONLINE	HARRIS	08/16-10/06	GR	EN1		
MUSA 40 APPLIED LESSONS- BASSOON 1.0 Units									Lab By Arr 2.2 Hrs/Wk TBA GR										
D 21943 Lab By Arr 4.0 Hrs/Wk TBA CHOU 08/16-12/19 GR 002									O 20767 By Arr 6.7 Hrs/Wk ONLINE HARRIS 08/16-10/16 GR EN2										
MUSA 40 APPLIED LESSONS- CLARINET 1.0 Units									Lab By Arr 2.2 Hrs/Wk TBA GR										
D 21281 Lab By Arr 4.0 Hrs/Wk TBA BONFIGLIO 08/16-12/19 GR 003									O 23226 By Arr 12.0 Hrs/Wk ONLINE Staff - Fi 11/06-12/15 GR EN3										
MUSA 40 APPLIED LESSONS- HORN 1.0 Units									<i>MUSL 1-EN1 are short-term online courses with no required on-campus meetings. For important additional information, go http://www.chabotcollege.edu/online</i>										
D 22504 Lab By Arr 4.0 Hrs/Wk TBA SHANNON 08/16-12/19 GR 004									MUSL 2A HARMONY AND MUSICIANSHIP I 4.0 Units										
MUSA 40 APPLIED LESSONS- LOW BRASS 1.0 Units									Study of the fundamentals of Western music applicable to both classical and popular styles: notation; fundamental theoretical concepts; musicianship skills including sight singing, rhythmic training, ear training, dictation, and keyboard realization; and basic compositional skills. Strongly recommended: MUSL 6 or equivalent skills.										
D 21282 Lab By Arr 4.0 Hrs/Wk TBA KENNELLY 08/16-12/19 GR 005									D 20414 Lec TR 8:00 8:50 1223 SHANNON 08/16-12/19 GR 001										
MUSA 40 APPLIED LESSONS- BASS 1.0 Units									Lab TR 9:00 10:15 1223 GR										
D 21283 Lab By Arr 4.0 Hrs/Wk TBA RICHMAN 08/16-12/19 GR 006									Lab By Arr 1.0 Hrs/Wk TBA GR										
MUSA 40 APPLIED LESSONS- GUITAR 1.0 Units									MUSL 2C HARMONY AND MUSICIANSHIP III 4.0 Units										
D 21284 Lab By Arr 4.0 Hrs/Wk TBA FLORES 08/16-12/19 GR 007									Elements of both diatonic and chromatic harmony through part writing and ear training exercises as typified by musical practice from 1600 to the present. Continue solfeggio; chord recognition; melodic, rhythmic, and harmonic dictation; and figured bass realization. Introduce chorale dictation, chromatic four-part voice leading, chord progression and succession techniques, non-chord tones using figuration and rhythmic displacement, and mode mixture. Prerequisite: Music 2B (completed with a grade of C or higher).										
MUSA 40 APPLIED LESSONS- PIANO 1.0 Units									D 21203 Lec MW 8:00 8:50 1223 FLORES 08/16-12/19 GR 001										
D 21285 Lab By Arr 4.0 Hrs/Wk TBA LINGTON 08/16-12/19 GR 008									Lab MW 9:00 10:15 1223 GR										
MUSA 40 APPLIED LESSONS- JAZZ PIANO 1.0 Units									Lab By Arr 1.0 Hrs/Wk TBA GR										
D 22635 Lab By Arr 4.0 Hrs/Wk TBA PALACIO 08/16-12/19 GR 009									MUSL 3 WORLD MUSIC 3.0 Units										
MUSA 40 APPLIED LESSONS- COMPOSITION 1.0 Units									The study of the folk and art music of world cultures. Includes the traditional music of Sub-Saharan Africa, Middle East, China, Japan, Indonesia, India, Latin America, Europe, and Native America. Attendance at four concerts in the San Francisco Bay Area required.										
D 21286 Lab By Arr 4.0 Hrs/Wk TBA SHANNON 08/16-12/19 GR 010									O 21434 By Arr 6.7 Hrs/Wk ONLINE HARRIS 10/09-12/08 GR EN1										
MUSA 40 APPLIED LESSONS- PERCUSSION 1.0 Units									<i>MUSL 3-EN1 is a short-term online course with no required on-campus meetings. For more information, go to http://www.chabotcollege.edu/online</i>										
D 21287 Lab By Arr 4.0 Hrs/Wk TBA STORCH 08/16-12/19 GR 011									O 22268 By Arr 3.0 Hrs/Wk ONLINE LINGTON 08/16-12/19 GR ON1										
MUSA 40 APPLIED LESSONS- JAZZ TRUMPET 1.0 Units									<i>MUSL 3-ON1 is an online course with no required on-campus meetings. For important additional information, go to http://www.chabotcollege.edu/online</i>										
D 21288 Lab By Arr 4.0 Hrs/Wk TBA WILLIAMS 08/16-12/19 GR 012									MUSL 4 JAZZ STYLES 3.0 Units										
MUSA 40 APPLIED LESSONS- TRUMPET 1.0 Units									History, trends, and influences of the phenomenon of jazz beginning with pre-Dixieland early 1900's covering the various eras including Swing, Be-Bop and post Be-Bop to present day.										
D 21289 Lab By Arr 4.0 Hrs/Wk TBA OTT 08/16-12/19 GR 013									D 20009 Lec MW 9:00 10:15 1224 PALACIO 08/16-12/19 GR 001										
MUSA 40 APPLIED LESSONS- VOICE 1.0 Units									D 21204 Lec TR 9:00 10:15 1224 PALACIO 08/16-12/19 GR 002										
D 21290 Lab By Arr 4.0 Hrs/Wk TBA SAUERLAND 08/16-12/19 GR 014																			
MUSA 40 APPLIED LESSONS- SAXOPHONE 1.0 Units																			
D 21291 Lab By Arr 4.0 Hrs/Wk TBA ZINN 08/16-12/19 GR 015																			
MUSA 40 APPLIED LESSONS- OBOE 1.0 Units																			
D 21300 Lab By Arr 4.0 Hrs/Wk TBA SHIDLER 08/16-12/19 GR 016																			
MUSA 40 APPLIED LESSONS-JAZZ COMPOSITI 1.0 Units																			
D 22636 Lab By Arr 4.0 Hrs/Wk TBA PALACIO 08/16-12/19 GR 017																			

MUSL 6 BASIC MUSIC SKILLS 3.0 Units

An introduction to the notation and primary elements of tonal music. Incorporates the following concepts: staff notation in treble and bass clefs, rhythm and meter; basic properties of sound; intervals; diatonic scales and triads; and diatonic chords. Development of skills in handwritten notation is expected.

D 21619	Lec	TR	10:30 11:45	1223	PALACIO	08/16-12/19	GR	001
	Lab	By Arr	1.0 Hrs/Wk	TBA			GR	

MUSL 8 HIST ROCK & ROLL/POPULAR MUSIC 3.0 Units

A cultural survey of original American music traditions, forms and trends influenced by social, political and economic changes including blues, jazz, early rock, the "British invasion," rap, hip hop culture, Latino rock, heavy metal, jazz-rock fusion, electronic, modern rock.

D 20968	Lec	MW	10:30 11:45	1224	LINGTON	08/16-12/19	GR	001
	Lab	By Arr	1.0 Hrs/Wk	TBA			GR	
O 22043	By Arr		4.0 Hrs/Wk	ONLINE	SCHULTZ	08/16-12/19	GR	ON1

MUSL 8-ON1 is an online course with no required on-campus meetings. For important additional information, go to <http://www.chabotcollege.edu/online>

MUSL 28 MUSICAL STRUCTURE & SONGWRITNG 3.0 Units

Study of contemporary rock and popular music theory with a songwriting implementation. Common chord progressions, harmonic development, song forms, lyric structure and analysis, orchestration, history and analysis of studio recording effects on important popular music styles of the mid to late 20th Century. Strongly Recommended: MUSL 6 (completed with a grade of "C" or higher) Students should have fundamental skills in reading music notation, not identification, and some knowledge of scales.

D 23228	Lec	Wed	6:00 8:50	1224	HURT	08/16-12/19	GR	001
	Lab	By Arr	1.0 Hrs/Wk	TBA			GR	

MUSL 42A JAZZ THEORY I 2.0 Units

Developing an understanding of traditional jazz nomenclature jazz harmony. Various scales, their modes and their applications will be addressed as well as their applications to harmonic progressions common to the jazz idiom. **Strongly Recommended: MUSL 6 (completed with a grade of "C" or higher).**

D 23227	Lec	MW	10:30 11:20	1223	PALACIO	08/16-12/19	GR	001
	Clin	By Arr	1.0 Hrs/Wk	TBA			GR	

MUSIC-PERFORMANCE

MUSP 12 WIND ENSEMBLE 1.0 Units

Band repertoire of all styles and periods. Emphasis on group participation and public performance with new repertoire performed and studied each semester Attendance at all scheduled performances required. Enrollment subject to a standardized audition demonstrating musical ability and technical proficiency at a level suitable to the course level.

E 22269	Lab	Wed	7:00 9:50	1245	HARRIS	08/16-12/19	GR	071
	Lab	By Arr	1.0 Hrs/Wk	TBA			GR	

MUSP 13 WIND SYMPHONY 1.0 Units

Select and limited ensemble performing new repertoire each semester designed for advanced musicians seeking continued study in advanced band repertoire from all periods. Enrollment subject to a standardized audition demonstrating musical ability and technical proficiency at a level suitable to the course level.

E 21292	Lab	Mon	7:00 9:50	1245	JOHNSON	08/16-12/19	GR	071
	Lab	By Arr	1.0 Hrs/Wk	TBA			GR	

MUSP 14 JAZZ LAB 1.0 Units

For instrumentalists who want experience in performing and interpreting small group literature. The music literature will cover important aspects of Jazz band development and works of all styles and periods. Emphasis will be on articulations, stylistic differences, and common performance practices of the various periods of music. Enrollment by audition only.

D 21585	Lab	TR	1:00 2:30	1250	PALACIO	08/16-12/19	GR	001
	Lab	By Arr	1.0 Hrs/Wk	TBA			GR	

MUSP 18 PERCUSSION ENSEMBLE 1.0 Units

Open to any percussionist wishing to experience ensemble playing. Topics include a variety of styles and techniques used in percussion performance. Basic music reading is required. **Strongly recommended: Music 12A or equivalent skills.**

D 20796	Lab	Thu	12:00 12:50	1245	STORCH	08/16-12/19	GR	001
	Lab	By Arr	3.0 Hrs/Wk	TBA			GR	

MUSP 44 CONCERT CHOIR 1.0-2.5 Units

Development of vocal and musical ability to interpret and perform the highest caliber of choral literature.

D 20928	Lab	MW	3:00 4:15	1224	SAUERLAND	08/16-12/19	GR	001
	Lab	By Arr	1.0 Hrs/Wk	TBA			GR	

MUSP 45 CHAMBER CHOIR 1.0 Units

Development of sufficient vocal and music ability to interpret and perform a variety of vocal chamber music. Designed for the advanced singer. Enrollment subject to a standardized audition demonstrating musical ability and technical proficiency at a level suitable to the course level.

D 21113	Lab	MW	3:00 4:15	1224	SAUERLAND	08/16-12/19	GR	001
	Lab	By Arr	1.0 Hrs/Wk	TBA			GR	

MUSP 51 CONTEMPORARY MUSIC ENSEMBLE 1.0 Units

The Contemporary Music Ensemble performs a variety of works written in the twentieth and twenty-first centuries in two concerts per semester. The ensemble not only prepares students for careers that include contemporary music, but helps them to become exceptional educators, advocates, and leaders in the field. **Prerequisite: Audition with instructor required.**

D 22760	Lab	Tue	10:30 11:45	1245	HARRIS	08/16-12/19	GR	001
	Lab	By Arr	2.5 Hrs/Wk	TBA			GR	

MUSP 52 GUITAR ENSEMBLE 1.0 Units

This course focuses on the sight-reading, rehearsal, and performance of basic-level guitar ensemble literature. Basic note reading skills will be employed. Each member of the group will become a better musician through individual practice, listening, performance, and being an active part of the ensemble experience. New repertoire will be studied each semester. **Prerequisite: Audition with instructor required**

D 22761	Lab	MW	12:00 12:50	1245	FLORES	08/16-12/19	GR	001
	Lab	By Arr	2.0 Hrs/Wk	TBA			GR	

NURSING

NURS 51 MATERNITY NURSING 4.0 Units

Nursing care of the childbearing family. The focus is on the physiological and psychological needs of families as they are affected by pregnancy, labor and birth, postpartum, and newborn stages. Theory and clinical practice include integration of assessment skills, women's health violence against women, nutrition, pain management, ethical issues, and teaching strategies unique to childbearing families. Quality, Safety, Education in Nursing (QSEN) concepts are incorporated. **Prerequisite: NURS 55 (completed with a grade of "C" or higher)**

D 22552	Lec	Mon	10:00 11:50	3102	WASHINGTON	08/16-10/12	GR	E01
	Lec	Thu	10:00 11:50	3102			GR	
	Clin	Mon	12:30 2:20	3102			GR	
	Clin	TW	6:00 11:30	*060			GR	

Offsite room *060 meets at LOCAL HOSPITALS HAYWARD, CA

D 22553	Lec	Mon	10:00 11:50	3102	WASHINGTON	10/16-12/14	GR	E02
	Lec	Thu	10:00 11:50	3102			GR	
	Clin	Mon	12:30 2:20	3102			GR	
	Clin	TW	6:00 11:30	*060			GR	

Offsite room *060 meets at LOCAL HOSPITALS HAYWARD, CA

NURS 52 PEDIATRIC NURSING 4.0 Units

Emphasis placed on the use of the nursing process in promoting adaptive processes necessary for coping with the health issues of infants, children and adolescents. Theory and clinical practice includes integration of assessment skills, growth and development, family abuse issues, nutrition pharmacological concepts, ethical issues, and teaching strategies unique to child-rearing families. Clinical focuses on care of clients in community and acute care settings. Concepts related to the California Nursing Practice Act, and Quality, and Safety Education in Nursing (QSEN) will be incorporated. Total weeks-9. **Prerequisite: NURS 55 (completed with a grade of "C" or higher), NURS 61 (completed with a grade of "C" or higher), NURS 69 (completed with a grade of "C" or higher), NURS 75 (completed with a grade of "C" or higher).**

D 22554	Lec	Mon	9:00 10:50	2258	Staff - K	08/16-10/12	GR	E01
	Lec	Thu	10:00 11:50	2258			GR	
	Clin	Mon	11:00 12:50	2258			GR	
	Clin	WF	7:00 12:30	*060			GR	

Offsite room *060 meets at LOCAL HOSPITALS HAYWARD, CA

NURS 52 (CONTINUED ON TOP OF NEXT PAGE)

CRN	Type	Day(s)	Times	Room	Instructor	Dates	Code	Sec	CRN	Type	Day(s)	Times	Room	Instructor	Dates	Code	Sec
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NURS 52 (CONTINUED)

D 22555	Lec	Mon	9:00 10:50	2271	Staff - K	10/16-12/14	GR	E02
	Lec	Thu	10:00 11:50	2271			GR	
	Clin	Mon	11:00 12:50	2271			GR	
	Clin	WF	1:00 6:30	*060			GR	

Offsite room *060 meets at LOCAL HOSPITALS HAYWARD, CA

NURS 53 MENTAL HEALTH NURSING**4.0 Units**

Emphasis on the use of the nursing process in the care of adults experiencing selected conditions requiring treatment in psychiatric care settings. Theory and clinical practice include integration of bio- psychosocial assessment skill, nutrition, pharmacological and crisis intervention concepts, legal-ethical issues and anger management. Concepts related to the California Nursing Practice Act, and Quality, and Safety Education in Nursing (QSEN) will be incorporated. Total - 9 weeks. **Prerequisite: NURS 55 (completed with a grade of "C" or higher), NURS 61 (completed with a grade of "C" or higher), NURS 69 (completed with a grade of "C" or higher), NURS 75 (completed with a grade of "C" or higher)**

D 22556	Lec	Mon	9:00 12:50	2271	BAIARDI	08/16-10/12	GR	E01
	Clin	Thu	10:00 11:50	2271			GR	
	Clin	TW	8:00 1:30	*060			GR	

Offsite room *060 meets at LOCAL HOSPITALS HAYWARD, CA

D 22557	Lec	Mon	9:00 12:50	2271	BAIARDI	10/16-12/14	GR	E02
	Clin	Thu	10:00 11:50	2271			GR	
	Clin	TW	8:00 1:30	*060			GR	

Offsite room *060 meets at LOCAL HOSPITALS HAYWARD, CA

NURS 55 FUNDAMENTALS OF NURSING PRAC**8.5 Units**

Introduction to fundamental concepts and practices in nursing care across the life span. Application of the nursing process to the care of the adults clients with acute and chronic disorders. Fundamental nursing skills are presented. Theoretical content provides overview of the care of clients with diverse cultural backgrounds and spiritual needs as well as principles of therapeutic communication and mental health. Concepts related to the California Nursing Practice Act, as well as principles of state clinical practice will be included. **Prerequisite: Acceptance into the Nursing Program. Corequisite: NURS 69 , NURS 61 , NURS 58.**

D 20283	Lec	MR	10:00 11:50	3115	GILLIS	08/16-12/19	GR	001
	Clin	Mon	7:00 8:50	3116			GR	
	Clin	Tue	7:00 12:30	*060			GR	
	Clin	Wed	7:00 12:30	*060			GR	

Offsite room *060 meets at LOCAL HOSPITALS HAYWARD, CA

D 20284	Lec	MR	10:00 11:50	3115	WESTMORELAN	08/16-12/19	GR	002
	Clin	Mon	7:00 8:50	3116			GR	
	Clin	TW	7:00 12:30	*060			GR	

Offsite room *060 meets at LOCAL HOSPITALS HAYWARD, CA

D 20391	Lec	Mon	10:00 11:50	3115	COCKERHAM	08/16-12/19	GR	003
	Lec	Thu	10:00 11:50	3115			GR	
	Clin	Thu	7:00 8:50	3116			GR	
	Clin	TW	2:45 8:15	*060			GR	

Offsite room *060 meets at LOCAL HOSPITALS HAYWARD, CA

D 22134	Lec	Mon	10:00 11:50	3115	Staff - K	08/16-12/19	GR	004
	Lec	Thu	10:00 11:50	3115			GR	
	Clin	Mon	7:00 8:50	3116			GR	
	Clin	TW	7:00 12:30	*060			GR	

Offsite room *060 meets at LOCAL HOSPITALS HAYWARD, CA

D 20478	Lec	Mon	10:00 11:50	3115	Staff - K	08/16-12/19	GR	005
	Lec	Thu	10:00 11:50	3115			GR	
	Clin	Thu	7:00 8:50	*060			GR	
	Clin	TW	7:00 12:30	*060			GR	

Offsite room *060 meets at LOCAL HOSPITALS HAYWARD, CA

NURS 58 NURS CARE-PATIENT INFEC DISEAS**1.0 Units**

Emphasis on the use of the nursing process in the care of individuals experiencing infectious diseases including pathophysiology, psychosocial, treatment, and preventive measures. Updated annually to reflect global disease threats and CDC preventative protocols for healthcare workers. **Corequisite: NURS 55 (completed with a grade of "C" or higher).**

D 20832	Lec	Thu	9:00 9:50	3115	BAIARDI	08/16-12/19	GR	001
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NURS 60A ADULT HEALTH I**4.0 Units**

Emphasis on the use of the nursing process in the care of adults experiencing selected conditions requiring treatment in medical-surgical care settings. Theory and clinical practice includes integration of assessment skills, nutrition, medication administration and legal-ethical issues. Concepts related to the California Nursing Practice Act, and Quality, and Safety Education in Nursing (QSEN) will be incorporated. Total - 9 weeks **Prerequisite: NURS 55 (completed with a grade of "C" or higher) and NURS 61 (completed with a grade of "C" or higher) and NURS 69 (completed with a grade of "C" or higher), NURS 75 (completed with a grade of "C" or higher)**

D 20309	Lec	MR	10:00 11:50	1910	WOOD	08/16-10/12	GR	E01
	Clin	Mon	12:00 1:50	3116			GR	
	Clin	TW	6:30 12:00	*060			GR	

Offsite room *060 meets at LOCAL HOSPITALS HAYWARD, CA

D 20562	Lec	MR	10:00 11:50	1910	WOOD	10/16-12/14	GR	E02
	Clin	Mon	12:00 1:50	3116			GR	
	Clin	TW	6:30 12:00	*060			GR	

Offsite room *060 meets at LOCAL HOSPITALS HAYWARD, CA

NURS 61 CLINICAL NUTRITION**1.5 Units**

Introduction to principles of clinical nutrition. Assessment of nutritional status; application of nutritional principles across the life span in the hospital and community; diet therapy in the treatment of selected diseases; nutritional supplements; weight gain and weight loss; impact of culture and spiritual beliefs on diet. **Corequisite: NURS 55 and NURS 69 or satisfactory completion of equivalent.**

D 20186	Lec	Mon	1:30 3:20	3115	BAIARDI	08/16-12/19	GR	001
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NURS 64 PHARMACOLOGY FOR PROFES NURSES**2.5 Units**

Introduction to the principles of clinical pharmacology, the administration of drugs as therapeutic agents, and the interactions of drugs and body tissues. The purpose, action, and expected physiological responses of therapeutic agents and disa ge forms currently used in treating pain, infectious processes and selected acute and chronic disease states in the cardiovascular, endocrine, respiratory, autonomic nervous and central nervous system is explored as well as the integration of the concepts in the nursing process. **Prerequisite: possession of a valid California LVN license or, NURS 55 (completed with a grade of "C" or higher).**

D 20925	Lec	Mon	2:30 4:50	3102	WESTMORELAN	08/16-12/19	GR	001
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NURS 69 GERONTOLOGICAL NURSING**1.0 Units**

Nursing care of the aging client. Physical and psychosocial changes which occur with the aging process. Focus on successful adaptation to aging with emphasis on maintaining or regaining optimal health. Strategies for caring for the client who is coping with altered life styles as a result of problems associated with aging. Theories of aging and cultural influences on the aging process. **Corequisite: NURS 55 and, NURS 61 or, NURS 70**

D 20192	Lec	Mon	9:00 9:50	3115	GILLIS	08/16-12/19	GR	001
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NURS 70 NURS THEORY: LVN-RN TRANSITION**1.5 Units**

Emphasis on nursing topics that prepare the LVN adult learner for advanced standing in an Associate Degree RN Nursing Program. Includes roles transition, survival skills for the nontraditional student, theoretical foundations of nursing, communicating effectively, critical thinking in nursing practice, nursing process, educator role of the registered nurse, legal - ethical components of nursing, functions of the California Board of Registered Nursing, and selected skills used by the registered nurse in the delivery of patient care. For LVN students desiring admission to Chabot College Nursing Program with Advanced Standing, Nursing 70 and 70L, provide a framework for satisfying selected nursing content and skills offered during year one of associate degree nursing curriculum. **Prerequisite: Valid California LVN license, at least one-year work experience as LVN in an acute care client agency, and attendance at LVN-RN orientation. Corequisite: Working at least part-time as LVN. Prerequisite: ANAT 1 and, MICR 1 and, PHSI 1 (completed with a grade of "C" or higher) Minimum of 2.5 GPA in the three science prerequisites.**

D 23054	Lec	Mon	2:30 3:45	3116	COCKERHAM	08/16-12/19	GR	001
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NURS 70L CLIN SKILLS PRACTICE/ASSES LAB**0.5 Units**

Clinical skills practice lab provides framework for satisfying selected nursing content and skills offered during first year of associate degree nursing curriculum. Designed for LVN students desiring admission to Chabot Nursing Program with Advanced Standing. **Corequisite: NURS 70.**

D 23055	Lab	Mon	4:00 5:15	3116	COCKERHAM	08/16-12/19	P/N	001
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NURS 73 INTRAVENOUS THERAPY 1.0 Units

Safe administration and maintenance of intravenous therapy as a treatment modality. Includes differentiation of commonly used solutions, dosage calculation, vein selection and venipuncture techniques, recognition of and response to complications. Includes laboratory practice. **Prerequisite: Satisfactory completion of all required nursing courses in the first and second semester of the nursing curriculum, NURS 55, NURS 58, NURS 61, NURS 69, NURS 75. Corequisite: Concurrent enrollment in the third semester of the nursing program.**

D 20230	Lec	Thu	8:40	9:55	3116	WASHINGTON	08/17-10/05	P/N	E01
	Lab	Thu	1:00	2:15	3116			P/N	
D 20586	Lec	Thu	8:40	9:55	3116	WASHINGTON	10/12-12/14	P/N	E02
	Lab	Thu	1:00	2:15	3116			P/N	

NURS 80 TEST TAKING SKILLS FOR NURS STD 0.5 Units

Practice in answering multiple-choice, fill in the blank and multiple option questions related to nursing. Strategies for successful test taking. Preparation for National Council Licensing Exam for Registered Nursing (NCLEX-RN). **Prerequisite: Admission to the nursing program.**

D 22879	Lec	Thu	1:30	4:20	3115	BAIARDI	08/24-09/07	P/N	E01
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NURS 81 MATERNITY NURSING THEORY 2.0 Units

Nursing care of the childbearing family. The focus is on the physiological and psychological needs of families as they are affected by pregnancy, labor and birth, postpartum, and newborn stages. Theory includes integration of assessment skills, women's health, violence against women, nutrition, pain management, ethical issues, and teaching strategies unique to childbearing families. Quality, Safety, Education in Nursing (QSEN) concepts are incorporated. Designed to assist Licensed Vocational Nurses in preparation for the Registered Nurse National examination. **Prerequisite: Valid California LVN license and/or, NURS 70.**

D 22469	Lec	MR	10:00	11:50	3102	WASHINGTON	08/16-12/19	OP	001
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NURS 82 PEDIATRIC NURSING THEORY 2.0 Units

Emphasis is placed on the nursing process in promoting adaptive processes necessary for coping with the health infants, children, and adolescents. Theory includes integration of assessment skills, growth and development, family abuse issues, nutrition, pharmacological concepts, ethical issues, and teaching strategies unique to child-rearing families. Concepts related to the California Nursing Practice Act, and Quality, and Safety Education in Nursing (QSEN) will be incorporated. **Prerequisite: NURS 70 and/or Valid California LVN license.**

D 22470	Lec	Thu	10:00	11:50	2271	TELLES	08/16-12/19	OP	001
	Lec	Mon	9:00	10:50	2271			OP	

NURS 84 PRESCRIPTIVE CLINICAL SKILLS 0.5 Units

Emphasis is on gaining experience in practicing and refining selected clinical skills used in the delivery of nursing care to a client in the acute care or community based setting. This required course provides the opportunity for preparation for the Clinical Performance Examination, as well as for practicing different skills using up-to-date equipment in the Skills Lab. **Prerequisite: NURS 55 (completed with a grade of "C" or higher) or the equivalent.**

D 20715	Lab	By Arr	1.5 Hrs/Wk	3116	KOMANETSKY	08/16-12/19	P/N	001	
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NUTRITION

NUTR 1 THE SCIENCE OF NUTRITION 3.0 Units

The basic science of nutrition including the nutrients, their functions, sources and recommended intakes. Nutritional assessment and the role of nutrition in the maintenance of health. For students majoring in the science and/or health fields. **Strongly Recommended: Chemistry 30A and Math 65.**

D 22341	Lec	MW	10:30	11:45	2252	GRILLO	08/16-12/19	OP	001
D 22490	Lec	TR	10:30	11:45	2611	GRILLO	08/16-12/19	OP	002
D 20776	Lec	MW	1:30	2:45	804	GRILLO	08/16-12/19	OP	003
E 22455	Lec	Wed	5:30	8:20	804	CIRERA-PERE	08/16-12/19	OP	071
O 20839	By Arr	3.0 Hrs/Wk	ONLINE	CIRERA-PERE	08/16-12/19	OP	ON1		

NUTR 1-ON1 is an online course, with no required on-campus meetings. For important additional information, go to <http://www.chabotcollege.edu/online/>

PHILOSOPHY

PHIL 50 GOD, NATURE, HUMAN NATURE 3.0 Units

Nature and range of philosophical inquiry in relation to everyday problems of humans as individuals, as citizen, as existing in nature, and as a creator of works of the arts and of the spirit. Analysis of primary philosophical documents that concentrate on these broad areas of a human's concerns. Introduction to Philosophy by the Philosophers' own works, their methods of procedure and inquiry; attention given to the development of skills for reading, analyzing, and pursuing philosophical argument. **Strongly Recommended: PHIL 60 (completed with a grade of "C" or higher), PHIL 65 (completed with a grade of "C" or higher), PHIL 70 (completed with a grade of "C" or higher).**

D 20611	Lec	MW	9:00	10:15	856	SHANNON	08/16-12/19	GR	001
D 20718	Lec	MW	12:00	1:15	856	SHANNON	08/16-12/19	GR	002
D 21200	Lec	TR	10:30	11:45	856	SCHERBART	08/16-12/19	GR	003

PHIL 60 INTRO TO PHIL: ETHICS 3.0 Units

Examination of representative ethical theories. Problems of good and evil, right and wrong, individual and/ or social action; principles, criteria or starting points for these issues and decisions as discussed and developed in great writings of the philosophical-literary tradition.

D 21643	Lec	MW	1:30	2:45	1756	Staff - Fi	08/16-12/19	GR	001
D 22270	Lec	TR	9:00	10:15	2252	Staff - Fi	08/16-12/19	GR	FYE

This section is dedicated to our First Year Experience students. For pathway registration course numbers or information on the program, please visit us at www.chabotcollege.edu/FYE.

O 20719	By Arr	3.0 Hrs/Wk	ONLINE	SCHERBART	08/16-12/19	GR	ON1		
O 23351	By Arr	3.0 Hrs/Wk	ONLINE	SILVER	08/16-12/19	GR	ON2		

PHIL 60-ON1/ON2 is an online course with no required on-campus meetings. For important additional information, go to <http://www.chabotcollege.edu/online>

PHIL 70 INTRO TO POLITICAL/SOCIAL PHIL 3.0 Units

Philosophical-political analysis of value conflicts in the area of political thought and theory. Philosophical investigation of political principles which affect our lives as well as the role of theory in regard to the nature of the individual in a modern technological democracy.

D 23229	Lec	TR	1:00	2:15	1756	Staff - Fi	08/16-12/19	GR	001
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PHOTOGRAPHY

PHOT 50 INTRODUCTION TO PHOTOGRAPHY 3.0 Units

Introduction to photographic processes and light sensitive materials. Camera controls and their use in making pictures. Developing black and white negatives and prints. Print finishing, presentation, and critique.

D 21437	Lec	Mon	12:00	1:50	904	DEETZ	08/16-12/19	GR	001
	Lab	Mon	2:00	2:50	904			GR	
	Lab	Wed	12:00	2:50	904			GR	
D 22127	Lec	Mon	3:00	4:50	904	DEETZ	08/16-12/19	GR	002
	Lab	Mon	5:00	5:50	904			GR	
	Lab	Wed	3:00	5:50	904			GR	
D 23230	Lec	Tue	9:00	10:50	904	JURICH-WEST	08/16-12/19	GR	003
	Lab	Tue	11:00	11:50	904			GR	
	Lab	Thu	9:00	11:50	904			GR	
D 20008	Lec	Tue	3:00	4:50	904	HERTZ	08/16-12/19	GR	004
	Lab	Tue	5:00	5:50	904			GR	
	Lab	Thu	3:00	5:50	904			GR	

E 22498	Lec	Tue	7:00	8:50	904	HERTZ	08/16-12/19	GR	071
	Lab	Tue	9:00	9:50	904			GR	
	Lab	Thu	7:00	9:50	904			GR	

PHOT 53A BEGINNING DIGITAL CAMERA USE 1.5 Units

Camera handling techniques, basic exposure principles, camera accessories, photographic composition. Survey of photography's multiple genres and its changing role in society and culture.

D 22843	Lec	Tue	1:00	2:15	906	DEETZ	08/16-12/19	OP	001
D 22878	Lec	Fri	10:00	11:50	906	JURICH-WEST	08/16-12/19	OP	002

PHOT 53B DIGITAL DARKROOM 1.5 Units

Introduction to darkroom concepts and techniques common to both traditional and digital photography. Work with digitally created negatives to explore traditional B&W silver and alternative process techniques. **Prerequisite: PHOT 53A or PHOT 50 (completed with a grade of "C" or higher)**

D 23232	Lec	Fri	12:00	12:50	906	JURICH-WEST	08/16-12/19	OP	001
	Lab	Fri	1:00	2:50	906			OP	

PHOT 64A ARTIFICIAL LIGHT PHOTOGRAPHY 3.0 Units

Photography using light sources selected and manipulated by the photographer. Use of light sources in a controlled situation to achieve technically accurate renditions of subject matter and to make successful visual statements. Lighting techniques for product, still life and portrait photography. **Prerequisite: Photography 50 (completed with a grade of "C" or higher). Strongly recommended: Photography 60.**

D 23231	Lec	Mon	9:00 10:50	906	DEETZ	08/16-12/19	GR	001
	Lab	Mon	11:00 11:50	906			GR	
	Lab	Wed	9:00 11:50	906			GR	

PHOT 66 DIGITAL IMAGING 3.0 Units

Desktop digital imaging systems and software including operating systems, networks, file management, methods for image input, storage and output.

Strongly recommended: Photography 50.

D 23233	Lec	Tue	9:00 10:50	906	DEETZ	08/16-12/19	OP	001
	Lab	Tue	11:00 11:50	906			OP	
	Lab	Thu	9:00 11:50	906			OP	

PHYSICAL EDUCATION - ADAPTIVE**ADPE 1DSS DISABLED STRETCH/STRENGTH TRAI 1.0 Units**

Designed to give students with disabilities a chance to gain strength and mobility through a series of stretching encouragement. **Prerequisite: students must have their personal physician's clearance for the class and must be registered with Disabled Student Services.**

D 21604	TR		10:30 11:45	2706	SIROY	08/16-12/19	OP	001
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ADPE ADSF ADAPTED STRETCH & FLEXIBILITY 1.0 Units

This course is designed to give students with disabilities a chance to gain strength and mobility through a series of stretching and resistance exercise in an atmosphere of friendly encouragement. Long range goals are: increased mobility, increased strength and confidence in themselves so they can face their daily tasks with increased confidence. In some cases (strokes, accident rehabilitation) it may mean a return to almost normal lifestyles for some. Students will learn about training and prevention of metabolic syndrome through diet and exercise in this course. **Prerequisite: Students must have their personal physician's clearance for the class and must be registered with Disabled Student Services.**

D 21507	TR		9:00 10:15	2706	SIROY	08/16-12/19	OP	001
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ADPE ADST ADAPTED STRENGTH TRAINING 1.0 Units

Designed to provide reasonable accommodations in resistance training, to students with disabilities. Exercises emphasize muscular strength, muscular endurance, and flexibility. Additional topics will include: safety considerations, resistance training principles, and the role of exercise in overall wellness. **Prerequisite: Student must have their personal physician's approval to take this course and must be registered with the DSRC.**

D 21482	MW		10:30 11:45	2706	SIROY	08/16-12/19	OP	001
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PHYSICAL EDUCATION - ATHLETICS**ATHL BBPS PRE-SEASON INTCOLLEGI BASEBALL 1.5 Units**

This is a course for pre-season Intercollegiate Baseball. The student will have the opportunity to a develop through a training program designed for baseball at the intercollegiate level. An extensive baseball background and previous experience is needed for success in this class.

D 21622	MWF		2:30 3:55	BFLD	TAVIS	08/16-12/19	OP	001
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ATHL BKMP PRE-SEASON INTCOL M BASKETBALL 1.5 Units

This course is designed for students to increase their off-season physical conditioning, skill/technique level, and knowledge in Men's intercollegiate basketball. Strongly Recommended: Previous high level of competitive basketball experience and skill level. Approval of the instructor.

D 21862	MWF		4:30 5:55	2500	O BRIEN	08/16-12/19	OP	001
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ATHL BKWP PRE-SEASON INTCOL W BASKETBALL 1.5 Units

This course is designed for students to increase their off-season physical conditioning, skill/technique level, and knowledge in women's intercollegiate basketball. Strongly Recommended: High level of basketball skills combined with previous competitive competition.

D 21863	Daily		2:30 3:20	2500	ANGER	08/16-12/19	OP	001
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ATHL FT1 INTERCOLLEGIATE FOOTBALL 3.0 Units

Training for intercollegiate competition. Students who desire to participate in intercollegiate athletics will be required to adhere to academic eligibility requirements listed in the CCCAA/ COA manual, pass a physical examination by a licensed medical doctor and demonstrate an ability to safely participate in the specific regulations governing the specific intercollegiate be set forth by the Head Football Coach. Advisory: Student athlete must have prior high school experience and have talked with the head coach before enrolling in this course.

D 21460	Daily		4:00 5:50	FFLD	Staff - K	08/16-12/19	OP	001
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ATHL MB11 MENS INTERCOLLEGIATE BSKTBL 1.5 Units

Training for intercollegiate competition. Students who desire to participate in intercollegiate athletics will be required to adhere to academic eligibility requirements listed in the CCCAA/ COA manual, pass a physical examination by a licensed medical doctor and demonstrate an ability to safely participate in the specific intercollegiate sport. Compliance with all rules/ regulations governing the specific intercollegiate sport will also be required. Daily practice.

D 21516	Daily		3:30 4:20	2500	O BRIEN	08/16-12/19	OP	001
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ATHL PRSW PRE-SEASON M & W INTERCOL SWIM 1.0 Units

Pre-season training for men's and women's intercollegiate swimming. All athletes that plan in the Spring should be enrolled in this course.

S 21610	Sat		8:00 11:10	POOL	KUBICKI	08/16-12/19	OP	082
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ATHL PRWR PRE-SEASON COMPETITI WRESTLING 1.0 Units

Pre-season training and conditioning for men and women who plan to wrestle on the Chabot Intercollegiate Team. Strongly Recommended: Previous high school wrestling experience.

D 21860	MWF		3:30 4:20	2910	SIROY	08/16-12/19	OP	001
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ATHL PSGF PRE-SEASON COMPETITIVE GOLF 1.5 Units

Pre-season training for athletes intending to participate in Intercollegiate Golf in the Spring.

D 21623	TR		1:30 3:45	*052	PAPACHRISTO	08/16-12/19	OP	001
Offsite room *052 meets at LAS POSITAS GOLF COURSE 909 CLUBHOUSE DRIVE LIVERMORE, CA.								

ATHL SFTP PRE-SEASON INCOLLEGI SOFTBALL 1.5 Units

This course is for pre-season intercollegiate Softball. The student will develop her softball skills through training programs designed for the intercollegiate level. An extensive softball background and previous experience is needed for success in this class.

D 21625	MWF		7:30 8:55	SBFLD	LOKEY	08/16-12/19	OP	001
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ATHL SM3 MENS INTERCOLLEGIATE SOCCER 3.0 Units

Training for intercollegiate competition. Students who desire to participate in intercollegiate athletics will be required to adhere to academic eligibility requirements listed in the CCCAA/ COA manual, pass a physical examination by a licensed medical doctor and demonstrate an ability to safely participate in the specific intercollegiate sport. Compliance with all rules/ regulations governing the specific intercollegiate sport will also be required. Daily practice.

D 21467	Daily		3:30 5:20	SFLD	IGWE	08/16-12/19	OP	001
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ATHL SW2 INTERCOLLEGIATE WOMENS SOCCER 3.0 Units

Training for women's intercollegiate soccer competition. Students who desire to participate in intercollegiate athletics will be required to adhere to academic eligibility requirements listed in the CCCAA/ COA manual, pass a physical examination by a licensed medical doctor and demonstrate an ability to safely participate in the specific intercollegiate sport. Compliance with all rules/ regulations governing the specific intercollegiate sport will also be required. Daily practice.

D 21470	Daily		1:30 3:20	SFLD	BATHELT	08/16-12/19	OP	001
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ATHL TNPS PRE-SEASON TENNIS CONDITIONING 1.5 Units

This course is designed for intercollegiate players in men's and women's tennis. Strongly Recommended: A high level of ability to play competitive tennis. Prior background in competitive tennis is a must.

D 21606	TRF		2:00 3:25	COURT	MORRIS	08/16-12/19	OP	001
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ATHL TRKP PRE-SEASON TRACK AND FIELD TR 1.5 Units

This course is for pre-season intercollegiate track and to analyze techniques, develop training programs, and acquire a thorough working knowledge of the rules and conditioning concerning their events. **Strongly Recommended: Student must have the skills and ability to compete at the intercollegiate level in community college track and field. This skill level will be evaluated by the instructor.**

D 21624 TR 2:00 4:15 TRACK ROBINSON 08/16-12/19 OP 001

ATHL VB4 WOMENS INTERCOLLEG VOLLEYBALL 3.0 Units

Training for intercollegiate competition. Students who desire to participate in intercollegiate athletics will be required to adhere to academic eligibility requirements listed in the CCCAA/ COA manual, pass a physical examination by a licensed medical doctor and demonstrate an ability to safely participate in the specific intercollegiate sport. Compliance with all rules/ regulations governing the specific intercollegiate sport will also be required. Daily practice.

E 21469 TWRF 6:00 7:50 2500 FANENE 08/16-12/19 OP 071
Mon 2.0 hrs TBA 2500 OP

ATHL WB10 INTERCOLLEGIATE WOMENS BSKTBL 1.5 Units

Training for intercollegiate competition. Students who desire to participate in intercollegiate athletics will be required to adhere to academic eligibility requirements listed in the CCCAA/ COA manual, pass a physical examination by a licensed medical doctor and demonstrate an ability to safely participate in the specific regulations governing the specific intercollegiate sport will also be required. Daily practice.

D 21518 Daily 1:30 2:20 2940 ANGER 08/16-12/19 OP 001

ATHL WR5 INTERCOLLEGIATE WRESTLING 3.0 Units

Training for intercollegiate competition. Students who desire to participate in intercollegiate athletics will be required to adhere to academic eligibility requirements listed in the CCCAA/ COA manual, pass a physical examination by a licensed medical doctor and demonstrate an ability to safely participate in the specific intercollegiate sport. Compliance with all rules/ regulations governing the specific intercollegiate sport will also be required. Daily practice.

D 21468 Daily 1:30 3:20 2910 SIROY 08/16-12/19 OP 001

PHYSICAL EDUCATION - DANCE

DANC HAT1 BEGINNING HAITIAN DANCE 1.0 Units

The course is designed to introduce students to beginning Haitian Dance. The history, basic footwork and dances will be covered.

E 22856 TR 1:30 2:45 2930 JOHNSON 08/16-12/19 OP 071

DANC HIP1 INTRODUCTION TO HIP HOP DANCE 1.0 Units

A dance class designed to teach students the fundamental dance steps and techniques of Beginning Hip-hop dance.

D 22144 TR 12:00 1:15 2930 ROAKE 08/16-12/19 OP 001

E 22145 MW 5:00 6:15 2930 WILLIAMSON 08/16-12/19 OP 071

DANC HIP2 ADV BEGINNING HIP-HOP DANCE 1.0 Units

Advanced beginning Hip-hop Dance choreography, alignment, floor patterns, with group interactions and projects. **Prerequisite: DANC HIP1 (completed with a grade of "C" or higher) or, PEAC HIP1 (completed with a grade of "C" or higher).**

D 22147 TR 12:00 1:15 2930 ROAKE 08/16-12/19 OP 001

E 22148 MW 5:00 6:15 2930 WILLIAMSON 08/16-12/19 OP 071

DANC HIP3 INTERMEDIATE HIP-HOP DANCE 1.0 Units

Intermediate hip-hop dance techniques, steps, routines and group presentations. **Prerequisite: DANC HIP2 (completed with a grade of "C" or higher) or, PEAC HIP2 (completed with a grade of "C" or higher).**

D 22150 TR 12:00 1:15 2930 ROAKE 08/16-12/19 OP 001

E 22151 MW 5:00 6:15 2930 WILLIAMSON 08/16-12/19 OP 071

DANC HIP4 ADVANCED HIP-HOP DANCE 1.0 Units

Advanced hip-hop dance techniques, patterns which include floor breaking, rhythmic and direction changes. Choreography and improvisational group projects/ presentations which include exploring rhythmic structures of hip-hop dance. Dance Performance will be emphasized. **Prerequisite: DANC HIP3 (completed with a grade of "C" or higher) or, PEAC HIP3 (completed with a grade of "C" or higher)**

D 22307 TR 12:00 1:15 2930 ROAKE 08/16-12/19 OP 001

E 22308 MW 5:00 6:15 2930 WILLIAMSON 08/16-12/19 OP 071

DANC HAT2 INTERMEDIATE HAITIAN DANCE 1.0 Units

Designed to further the skills and knowledge of the beginning Haitian dancer. Student will be introduced to a greater variety of floor progressions, bar work and choreography in Haitian dance. **Prerequisite: DANC HAT1 (completed with a grade of "C" or higher).**

E 22857 TR 1:30 2:45 2930 JOHNSON 08/16-12/19 OP 071

PHYSICAL EDUCATION - HEALTHY AGING ADULT

HEAG FN50 FUNCT MOVEMENT & BALANCE FOR M 0.0 Units

Develops balance and functional movement for the mature adult (50+years in age). Course will include nutritional information to prevent hypertension and diabetes Course is moderate to hard in intensity. Prior to enrollment student should get physician's OK to exercise. Strongly Recommended: Approval from physician to start an exercise program

D 22342 Sat 7:30 10:30 4051 LOPEZ 08/16-12/19 OP 001

HEAG SW50 CARDIO SWIMMING FOR MATURE ADU 0.0 Units

Designed to improve cardiovascular fitness in the older adult. Emphasis on swimming with the aerobic target heart rate training zone. Instruction will also address personal nutrition, hypertension and the prevention of adult type II diabetes.

D 21897 TR 12:00 12:50 POOL HAWTREY 08/16-12/19 OP 001

PHYSICAL EDUCATION - KINESIOLOGY

KINE 1 INTRO TO KINE & PHYSICAL EDU 3.0 Units

This is an introductory course that surveys various sub disciplines related to the study of human movement. Students will examine the areas of history, sociology, biomechanics, physiology, and psychology, as they relate to the sport and exercise environment. **May not receive credit if Physical Education 20 has been completed.**

D 21513 Lec MW 10:30 11:45 2611 DROUIN 08/16-12/19 OP 001

KINE 2 INTRO TO ATHLETIC TRAINING 4.0 Units

Introduces the student to basic taping skills, therapeutic modalities, and rehabilitation principles associated with the field of athletic training. Strong emphasis on injury prevention, recognition and management. Designed to be preparatory for a career in athletic training. **May not receive credit if Physical Education 17 has been completed.**

D 21498 Lec MW 9:00 10:15 2611 MILLER 08/16-12/19 OP 001

Tue 12:00 12:50 2901 OP

By Arr 2.0 Hrs/Wk 2901 OP

KINE 3SO INTRO TO COACHING SOCCER 2.0 Units

Designed to teach the basics of coaching Soccer. Individual skill development, along with team development and dynamics, will be thoroughly covered.

D 21515 Lec Fri 11:00 12:50 2611 IGWE 08/16-12/19 OP 001

KINE 6 PERF ENCHANCE THRU MENTAL TRAIN 3.0 Units

The study and development of the concepts and theories associated with maximizing performance, from the from the perspective of sport as well as life, emphasizing the mental skills and strategies for stress control, visualization, goal setting and concentration. **May not receive credit if Physical Education 15 has been completed.)**

O 23363 By Arr 3.0 Hrs/Wk ONLINE KUBICKI 08/16-12/19 OP ON1

KINE 6-ON1 is an online course with no required on-campus meetings. For important additional information, go to <http://www.chabotcollege.edu/online>

KINE 10 NUTRITION FOR FITNESS/FAT LOSS 3.0 Units

Study the role that nutrition and activity play in developing fitness and lowering body fat. Major concepts of fitness and nutrition will be presented along with training utilizing a heart rate monitor. Students will learn to assess current fitness levels and design a personal fitness and nutritional plan. **May not receive credit if Physical Education 57 has been completed.**

O 21609 By Arr 3.0 Hrs/Wk ONLINE GRACE 08/16-12/19 OP ON1
KINE 10-ON1 is an online course with no required on-campus meetings. For important additional information, go to <http://www.chabotcollege.edu/online>

KINE 14 INTRO HLTH/FITNESS DISABILITY 3.0 Units

Application of current health teachings to individuals and life. Physiological, psychological, and social perspectives of health. Emphasis on knowledge, attitudes and behaviors that will contribute to a healthy individual.

O 23026 By Arr 3.0 Hrs/Wk ONLINE ROBINSON 08/16-12/19 OP ON1
KINE 14-ON1 is an online course with no required on-campus meetings. For important additional information, go to <http://www.chabotcollege.edu/online>

KINE 15 INTRO TO PERSONAL FIT TRAINING 3.0 Units

Includes the areas of physical activity and health, fitness evaluation, exercise prescription, exercise for special populations, exercise programming and the fundamentals of functional anatomy and exercise physiology as they pertain to personal training. Upon successful completion of the course students will be eligible for the National Certification Board Exam to attain certification in Personal Training through the American Council on Exercise. **May not receive credit if Physical Education 62 has been completed.**

O 21517 By Arr 3.0 Hrs/Wk ONLINE GRACE 08/16-12/19 OP ON1
KINE 15-ON1 is an online course with no required on-campus meetings. For important additional information, go to <http://www.chabotcollege.edu/online>

KINE 16 THEORY/TECH OFFENSIVE FOOTBALL 2.0 Units

Analysis and examination of various approaches to offensive intercollegiate football. Includes all aspects of offensive football; punt return, point after touchdown and field goal kicking. **May not receive credit if Physical Education 25 has been completed.**

D 21514 Lec TR 3:00 3:50 2611 Staff - K 08/16-12/19 OP 001

KINE 19 HLTH/FIT FOR LAW ENFORCEMENT 3.0 Units

Designed for individuals who intend to enter the law enforcement field. An introduction to fitness, stress, psychological health and wellness are examined as they relate to occupations within law enforcement.

O 21501 By Arr 3.0 Hrs/Wk ONLINE CALCAGNO 08/16-12/19 OP ON1
KINE 19-ON1 is an online course with no required on-campus meetings. For important additional information, go to <http://www.chabotcollege.edu/online>

KINE CSA COLLEGE SUCCESS FOR ATHLETES 1.0 Units

Aiding the student-athlete in developing realistic expectations of college, explore academic programs, and understand what is necessary to succeed in college while competing in an intercollegiate sport. Rules and regulations of the Commission on Athletics (COA), National Collegiate Athletic Association (NCAA), and the National Association of Intercollegiate Athletics (NAIA) will be defined. Eligibility and transferring to a four-year institution will be explored.

O 22175 By Arr 2.0 Hrs/Wk ONLINE MANOS 09/05-11/10 OP EN2
KINE CSA-EN2 is an online course with no required on-campus meetings. For important additional information, go to <http://www.chabotcollege.edu/online>

PHYSICAL EDUCATION

PEAC ARH1 ARCHERY 1 1.0 Units

This beginning course in archery has an emphasis on safety, knowledge, and basic skill development in a variety of beginning archery activities.

D 21473 MW 10:30 11:45 AFLD IGWE 08/16-12/19 OP 001
D 21474 TR 10:30 11:45 AFLD IGWE 08/16-12/19 OP 002

PEAC ARH2 INTERMEDIATE ARCHERY 1.0 Units

The course is designed to allow archers, who have completed beginning archery (ARH1), an arena to enhance their archery knowledge and skill level. **Prerequisite: PEAC ARH1 (completed with a grade of "P" or higher).**

D 21715 MW 10:30 11:45 AFLD IGWE 08/16-12/19 OP 001
D 21717 TR 10:30 11:45 AFLD IGWE 08/16-12/19 OP 002

PEAC ARH3 ADVANCED ARCHERY 1.0 Units

Advanced instruction in Archery and bowmanship. **Prerequisite: PEAC ARH2 (completed with a grade of "P" or higher).**

D 21716 MW 10:30 11:45 AFLD IGWE 08/16-12/19 OP 001
D 21718 TR 10:30 11:45 AFLD IGWE 08/16-12/19 OP 002

PEAC ARH4 TOURNAMENT ARCHERY 1.0 Units

Designed to allow the advanced archer to hone their competitive shooting skills a tournament setting. **Prerequisite: PEAC ARH3 (completed with a grade of "P" or higher).**

D 22300 MW 10:30 11:45 AFLD IGWE 08/16-12/19 OP 001
D 22301 TR 10:30 11:45 AFLD IGWE 08/16-12/19 OP 002

PEAC BAD1 INTRODUCTION TO BADMINTON 1.0 Units

Basic fundamental badminton techniques strategies will be covered.

D 21611 TR 9:00 10:15 2500 MORRIS 08/16-12/19 OP 001
D 21612 Fri 9:00 10:50 2500 MORRIS 08/16-12/19 OP 002

PEAC BAD2 INTERMEDIATE BADMINTON 1.0 Units

This course is for students who have played Badminton before. Students should already know how to rally, and have knowledge of the rules. This course is not for beginners. **Prerequisite: PEAC BAD1 (completed with a grade of "P" or higher).**

D 21719 TR 9:00 10:15 2500 MORRIS 08/16-12/19 OP 001
D 21722 Fri 9:00 10:50 2500 MORRIS 08/16-12/19 OP 002

PEAC BAD3 ADVANCED BADMINTON 1.0 Units

Theory and practice of advanced badminton that includes advanced techniques and tactics. This will include drills, practice, and tournament play. Fitness drills and conditioning will be incorporated into the class. **Prerequisite: PEAC BAD2 (completed with a grade of "P" or higher).**

D 21720 TR 9:00 10:15 2500 MORRIS 08/16-12/19 OP 001
D 21721 Fri 9:00 10:50 2500 MORRIS 08/16-12/19 OP 002

PEAC BAD4 TOURNAMENT BADMINTON 1.0 Units

Designed for students who wish to compete in badminton tournaments. The theory and practice of advanced badminton will be covered. This will include drills, practice, fitness conditioning, and tournament play. **Prerequisite: PEAC BAD3 (completed with a grade of "P" or higher).**

D 22302 TR 9:00 10:15 2500 MORRIS 08/16-12/19 OP 001
D 22303 Fri 9:00 10:50 2500 MORRIS 08/16-12/19 OP 002

PEAC BSK1 INTRODUCTION TO BASKETBALL 1.0 Units

Designed to teach to the basic skills and mechanics needed to successfully play the game of basketball.

D 21607 MW 10:30 11:45 2500 ANGER 08/16-12/19 OP 001
D 21471 TR 10:30 11:45 2500 CALCAGNO 08/16-12/19 OP 002
E 21637 Thu 6:00 8:50 2500 Staff - K 08/16-12/19 OP 071

PEAC BSK2 INTERMEDIATE BASKETBALL 1.0 Units

Designed to teach intermediate skills of basketball. **Prerequisite: PEAC BSK1 (completed with a grade of "P" or higher).**

D 21723 MW 10:30 11:45 2500 ANGER 08/16-12/19 OP 001
D 22118 TR 10:30 11:45 2500 CALCAGNO 08/16-12/19 OP 002
E 22282 Thu 6:00 8:50 2500 Staff - K 08/16-12/19 OP 071

PEAC BSK3 ADVANCED BASKETBALL 1.0 Units

Designed to teach advanced skills of basketball. **Prerequisite: PEAC BSK2 (completed with a grade of "P" or higher).**

D 21724 MW 10:30 11:45 2500 ANGER 08/16-12/19 OP 001
D 22119 TR 10:30 11:45 2500 CALCAGNO 08/16-12/19 OP 002
E 22283 Thu 6:00 8:50 2500 Staff - K 08/16-12/19 OP 071

PEAC BSK4 PRE-COMPETITIVE BASKETBALL 1.0 Units

Designed to teach pre-competitive basketball. **Prerequisite: PEAC BSK 3 (completed with a grade of "P" or higher).**

D 22284 MW 10:30 11:45 2500 ANGER 08/16-12/19 OP 001
D 22285 TR 10:30 11:45 2500 CALCAGO 08/16-12/19 OP 002
E 22286 Thu 6:00 8:50 2500 Staff - K 08/16-12/19 OP 071

PEAC FLW1 PHYSICAL FITNESS FOR LAW ENFOR 1.0 Units

This course is designed to prepare the administration of justice student for pre-employment physical ability testing, physical aspects of the Police Academy, and the maintenance of fitness and wellness as an incumbent. Course sessions will address aerobic and strength training, muscular endurance, nutrition and weight management, agility, coordination, balance and flexibility. An emphasis will be placed on injury prevention and back care. **Prerequisite: KINE 19 (completed with a grade of "P" or higher).**

D 22132 MW 10:30 11:45 2920 CALCAGNO 08/16-12/19 OP 001

PEAC FLW2 INTERM FITNESS FOR LAW ENFORCE 1.0 Units

Designed to develop specific fitness levels for law enforcement professionals **Prerequisite: PEAC FLW1 (completed with a grade of "C" or higher).**

D 22133 MW 10:30 11:45 2920 CALCAGNO 08/16-12/19 OP 001

PEAC FLW3 ADV FITNESS FOR LAW ENFORCE 1.0 Units

Designed to teach advanced levels of fitness specific to law enforcement. **Prerequisite: PEAC FLW2 (completed with a grade of "C" or higher).**

D 22169 MW 10:30 11:45 2920 CALCAGNO 08/16-12/19 OP 001

PEAC FLW4 TACTIC FITNESS FOR LAW ENFORCE 1.0 Units

Physical training for students or incumbents have successfully completed FLW 3, advanced training for Law Enforcement. **Prerequisite: PEAC FLW3 (completed with a grade of "P" or higher)**

D 22565 MW 10:30 11:45 2920 CALCAGNO 08/16-12/19 OP 001

PEAC FTS1 FUTSAL 1.0 Units

Indoor Futsal Soccer is a fast paced form of indoor soccer that places a large emphasis on technical skill and ability in situations of high pressure, and is subsequently an excellent training ground for developing foot skills that can be translated into the 11-a-side format of the game.

D 22152 MW 9:00 10:15 2940 IGWE 08/16-12/19 OP 001

PEAC FTS2 INTERMEDIATE FUTSAL 1.0 Units

Designed to teach intermediate skills and strategies of futsal in a fun and semi-competitive atmosphere. **Prerequisite: PEAC FTS1 (completed with a grade of "P" or higher).**

D 23028 MW 9:00 10:15 2940 IGWE 08/16-12/19 OP 001

PEAC FTS3 ADVANCED FUTSAL 1.0 Units

Designed to teach and develop the advanced skills and strategies needed to play futsal at a highly competitive level. **Prerequisite: PEAC FTS2 (completed with a grade of "P" or higher).**

D 22343 MW 9:00 10:15 2940 IGWE 08/16-12/19 OP 001

PEAC FTS4 COMPETITIVE FUTSOL 1.0 Units

Designed for the student who has successfully completed the first three Futsal courses and is ready for competitive play. **Prerequisite: PEAC FTS3 (completed with a grade of "P" or higher).**

D 22566 MW 9:00 10:15 2940 IGWE 08/16-12/19 OP 001

PEAC FUN1 BEGIN FUNCTIONAL TR FAT LOSS 1.0 Units

This beginning course will develop strength and fat loss through a functional strength training program. Course is moderate to hard in intensity. Students will learn about training and prevention of metabolic syndrome through diet and exercise. Strongly Recommended: Personal physician's approval to exercise vigorously.

D 21523 MW 6:00 7:30 *197 VILCHE 08/16-12/19 P/N 001
 D 21524 MW 7:30 9:00 4051 TAVIS 08/16-12/19 P/N 002
 D 21525 MW 9:00 10:30 4051 CALCAGNO 08/16-12/19 P/N 003
 D 21526 MW 10:30 12:00 4051 VILCHE 08/16-12/19 P/N 004
 D 21527 MW 12:00 1:30 4051 CALCAGNO 08/16-12/19 P/N 005
 D 21528 TR 6:00 7:30 *197 MORRIS 08/16-12/19 P/N 006
 D 21529 TR 7:30 9:00 4051 ROBINSON 08/16-12/19 P/N 007
 D 21530 TR 9:00 10:30 4051 TRAVIS 08/16-12/19 P/N 008
 D 21531 TR 10:30 12:00 4051 FRIEND 08/16-12/19 P/N 009
 D 21532 TR 12:00 1:30 4051 Staff - K 08/16-12/19 P/N 010
 D 21533 Fri 6:00 9:00 *197 ROBINSON 08/16-12/19 P/N 011
 D 21534 Fri 9:00 12:00 4051 CALCAGNO 08/16-12/19 P/N 012

PEAC FUN1 (CONTINUED TOP OF NEXT COLUMN)

PEAC FUN1 (CONTINUED)

E 21535 Mon 4:30 7:30 *197 MILLER 08/16-12/19 P/N 071
 E 21536 Tue 4:30 7:30 *197 CALCAGNO 08/16-12/19 P/N 072
 E 21537 Wed 4:30 7:30 *197 TAVIS 08/16-12/19 P/N 073
 E 21538 Thu 4:30 7:30 *197 FRIEND 08/16-12/19 P/N 074
 Offsite room *197 meets at ADVANCED CIRCUIT CENTER 25555 HESPERIAN BLVD HAYWARD, CA

PEAC FUN2 INTERM FUNCTIONAL TR FAT LOSS 1.0 Units

Designed to challenge students who have successfully completed Beginning Functional Training. Course is very hard in intensity. **Prerequisite: PEAC FUN1 (completed with a grade of "P" or higher).**

D 21729 MW 6:00 7:30 *197 VILCHE 08/16-12/19 P/N 001
 D 21730 MW 7:30 9:00 4051 TAVIS 08/16-12/19 P/N 002
 D 21731 MW 9:00 10:30 4051 CALCAGNO 08/16-12/19 P/N 003
 D 21732 MW 10:30 12:00 4051 VILCHE 08/16-12/19 P/N 004
 D 21733 MW 12:00 1:30 4051 CALCAGNO 08/16-12/19 P/N 005
 D 21734 TR 6:00 7:30 *197 MORRIS 08/16-12/19 P/N 006
 D 21735 TR 7:30 9:00 4051 ROBINSON 08/16-12/19 P/N 007
 D 21736 TR 9:00 10:30 4051 AYE 08/16-12/19 P/N 008
 D 21737 TR 10:30 12:00 4051 FRIEND 08/16-12/19 P/N 009
 D 21738 TR 12:00 1:30 4051 AYE 08/16-12/19 P/N 010
 D 21739 Fri 6:00 9:00 *197 ROBINSON 08/16-12/19 P/N 011
 D 21740 Fri 9:00 12:00 4051 CALCAGNO 08/16-12/19 P/N 012
 E 21741 Mon 4:30 7:30 *197 MILLER 08/16-12/19 P/N 071
 E 21742 Tue 4:30 7:30 *197 Staff - K 08/16-12/19 P/N 072
 E 21743 Wed 4:30 7:30 *197 Staff - K 08/16-12/19 P/N 073
 E 21744 Thu 4:30 7:30 *197 FRIEND 08/16-12/19 P/N 074
 Offsite room *197 meets at ADVANCED CIRCUIT CENTER 25555 HESPERIAN BLVD HAYWARD, CA

PEAC FUN3 ADV FUNCTIONAL TR FOR FAT LOSS 1.0 Units

Designed to challenge students who have successfully completed Intermediate Functional Training or FUN 2. Course is very hard in intensity. **Prerequisite: PEAC FUN2 (completed with a grade of "P" or higher).**

D 21745 MW 6:00 7:30 *197 VILCHE 08/16-12/19 P/N 001
 D 21746 MW 7:30 9:00 4051 TAVIS 08/16-12/19 P/N 002
 D 21747 MW 9:00 10:30 4051 CALCAGNO 08/16-12/19 P/N 003
 D 21748 MW 10:30 12:00 4051 VILCHE 08/16-12/19 P/N 004
 D 21749 MW 12:00 1:30 4051 CALCAGNO 08/16-12/19 P/N 005
 D 21750 TR 6:00 7:30 *197 MORRIS 08/16-12/19 P/N 006
 D 21751 TR 7:30 9:00 4051 ROBINSON 08/16-12/19 P/N 007
 D 21752 TR 9:00 10:30 4051 TRAVIS 08/16-12/19 P/N 008
 D 21753 TR 10:30 12:00 4051 FRIEND 08/16-12/19 P/N 009
 D 21754 TR 12:00 1:30 4051 Staff - K 08/16-12/19 P/N 010
 D 21755 Fri 6:00 9:00 *197 ROBINSON 08/16-12/19 P/N 011
 D 21756 Fri 9:00 12:00 4051 CALCAGNO 08/16-12/19 P/N 012
 E 21757 Mon 4:30 7:30 *197 MILLER 08/16-12/19 P/N 071
 E 21758 Tue 4:30 7:30 *197 CALCAGNO 08/16-12/19 P/N 072
 E 21759 Wed 4:30 7:30 *197 TAVIS 08/16-12/19 P/N 073
 E 21760 Thu 4:30 7:30 *197 FRIEND 08/16-12/19 P/N 074
 Offsite room *197 meets at ADVANCED CIRCUIT CENTER 25555 HESPERIAN BLVD HAYWARD, CA

PEAC FUN4 FAT LOSS TR FUNCTIONAL TRAINING 1.0 Units

Designed for students who would like to lo lower the percentage of body fat through functional training. **Prerequisite: PEAC FUN3 (completed with a grade of "P" or higher).**

D 22292 MW 6:00 7:30 *197 VILCHE 08/16-12/19 P/N 001
 D 22318 MW 7:30 9:00 4051 TAVIS 08/16-12/19 P/N 002
 D 22319 MW 9:00 10:30 4051 CALCAGNO 08/16-12/19 P/N 003
 D 22320 MW 10:30 12:30 4051 VILCHE 08/16-12/19 P/N 004
 D 22321 MW 12:00 1:30 4051 CALCAGNO 08/16-12/19 P/N 005
 D 22322 TR 6:00 7:30 *197 MORRIS 08/16-12/19 P/N 006
 D 22323 TR 7:30 9:00 4051 ROBINSON 08/16-12/19 P/N 007
 D 22324 TR 9:00 10:30 4051 TRAVIS 08/16-12/19 P/N 008
 D 22325 TR 10:30 12:00 4051 FRIEND 08/16-12/19 P/N 009
 D 22326 TR 12:30 1:30 4051 Staff - K 08/16-12/19 P/N 010
 D 22327 Fri 6:00 9:00 *197 ROBINSON 08/16-12/19 P/N 011
 D 22328 Fri 9:00 12:00 4051 CALCAGNO 08/16-12/19 P/N 012
 E 22329 Mon 4:30 7:30 *197 MILLER 08/16-12/19 P/N 071
 E 22330 Tue 4:30 7:30 *197 CALCAGNO 08/16-12/19 P/N 072
 E 22331 Wed 4:30 7:30 *197 TAVIS 08/16-12/19 P/N 073
 E 22332 Thu 4:30 7:30 *197 FRIEND 08/16-12/19 P/N 074
 Offsite room *197 meets at ADVANCED CIRCUIT CENTER 25555 HESPERIAN BLVD HAYWARD, CA

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PEAC HER1 BASIC HEART RATE TRAINING 1.0 Units

Improvement of cardiovascular fitness through the use of a heart rate monitor. Use of a heart rate monitor, target heart rate training zones and adult type II diabetes prevention will be covered.

O 22567 By Arr 3.0 Hrs/Wk ONLINE GRACE 08/16-12/19 OP ON1
 PEAC HER1-ON1 is an online course with no required on-campus meetings. For important additional information, go to <http://www.chabotcollege.edu/online>

PEAC HER2 INTERMED HEART RATE TRAINING 1.0 Units

Improvement of overall fitness utilizing a heart rate monitor to enhance the training process. **Prerequisite:** PEAC HEAR or HER1 (completed with a grade of "C" or higher).

O 22568 By Arr 3.0 Hrs/Wk ONLINE GRACE 08/16-12/19 OP ON1
 PEAC HER2-ON1 is an online course with no required on-campus meetings. For important additional information, go to <http://www.chabotcollege.edu/online>

PEAC HTA1 HIPS, THIGHS AND ABS WORKOUT 1.0 Units

This course is designed to reduce, tone and strengthen the abdominal areas and the buttocks and thigh region through exercises. Proper techniques for a variety of exercises for specific muscle groups will be presented.

D 21475	MW	7:30	8:45	2930	VILCHE	08/16-12/19	OP	001
D 21476	MW	9:00	10:15	2930	FRIEND	08/16-12/19	OP	002
D 21477	MW	10:30	11:45	2930	TAVIS	08/16-12/19	OP	003
D 21478	TR	7:30	8:45	2930	VILCHE	08/16-12/19	OP	004
D 21479	TR	9:00	10:15	2930	VILCHE	08/16-12/19	OP	005
D 21481	Fri	9:00	11:50	2930	VILCHE	08/16-12/19	OP	006
E 21891	MW	6:30	7:45	2930	WILLIAMSON	08/16-12/19	OP	071
E 22344	TR	5:30	6:45	2930	ROBINSON	08/16-12/19	OP	072

PEAC HTA2 INTERM HIPS, THIGHS & ABS 1.0 Units

Strenuous exercises to tone, strengthen and reduce the abdominal, buttocks and thigh regions. **Prerequisite:** PEAC HTA1 (completed with a grade of "P" or higher).

D 21761	MW	7:30	8:45	2930	VILCHE	08/16-12/19	OP	001
D 21762	MW	9:00	10:15	2930	FRIEND	08/16-12/19	OP	002
D 21763	MW	10:30	11:45	2930	TAVIS	08/16-12/19	OP	003
D 21764	TR	7:30	8:45	2930	VILCHE	08/16-12/19	OP	004
D 21765	TR	9:00	10:15	2930	VILCHE	08/16-12/19	OP	005
D 21767	Fri	9:00	11:50	2930	VILCHE	08/16-12/19	OP	006
E 21892	MW	6:30	7:45	2930	WILLIAMSON	08/16-12/19	OP	071
E 22345	TR	5:30	6:45	2930	ROBINSON	08/16-12/19	OP	072

PEAC HTA3 ADV HIPS, THIGHS & ABS WORKOUT 1.0 Units

This an advanced course designed to strengthen, reduce and tone the "core" region of the body through various exercises and techniques. The core region includes: hips, thighs and buttocks; abdominals & obliques; and lower back. A variety of strength and flexibility exercises for these specific muscle body groups will be presented. **Prerequisite:** PEAC HTA2 (completed with a grade of "P" or higher).

D 21768	MW	7:30	8:45	2930	VILCHE	08/16-12/19	OP	001
D 21769	MW	9:00	10:15	2930	FRIEND	08/16-12/19	OP	002
D 21770	MW	10:30	11:45	2930	TAVIS	08/16-12/19	OP	003
D 21771	TR	7:30	8:45	2930	VILCHE	08/16-12/19	OP	004
D 21772	TR	9:00	10:15	2930	VILCHE	08/16-12/19	OP	005
D 21774	Fri	9:00	11:50	2930	VILCHE	08/16-12/19	OP	006
E 21893	MW	6:30	7:45	2930	WILLIAMSON	08/16-12/19	OP	071
E 22346	TR	5:30	6:45	2930	ROBINSON	08/16-12/19	OP	072

PEAC HTA4 EXTREM HIPSTHIGHTS ABS WORKOUT 1.0 Units

This course is designed to provide an extreme high intensity interval functional workout for the whole body. **Prerequisite:** PEAC HTA3 (completed with a grade of "P" or higher).

D 22369	MW	7:30	8:45	2930	VILCHE	08/16-12/19	OP	001
D 22370	MW	9:00	10:15	2930	FRIEND	08/16-12/19	OP	002
D 22371	MW	10:30	11:45	2930	TAVIS	08/16-12/19	OP	003
D 22372	TR	7:30	8:45	2930	VILCHE	08/16-12/19	OP	004
D 22373	TR	9:00	10:15	2930	VILCHE	08/16-12/19	OP	005
D 22375	Fri	9:00	11:50	2930	VILCHE	08/16-12/19	OP	006
E 22376	MW	6:30	7:45	2930	WILLIAMSON	08/16-12/19	OP	071
E 22377	TR	5:30	6:45	2930	ROBINSON	08/16-12/19	OP	072

PEAC JUD1 BEGINNING JUDO 1.0 Units

Designed to teach beginning judo. Basic history, philosophy, techniques and safety aspects of judo will be covered.

D 21500	MW	9:00	10:15	2910	SIROY	08/16-12/19	OP	001
E 21636	MW	6:00	7:15	2910	SIROY	08/16-12/19	OP	071

PEAC JUD2 INTERMEDIATE JUDO 1.0 Units

Students should have completed Beginning Judo or have had previous judo experience. **Prerequisite:** PEAC JUD1 (completed with a grade of "P" or higher).

D 21775	MW	9:00	10:15	2930	SIROY	08/16-12/19	OP	001
E 21776	MW	6:00	7:15	2910	SIROY	08/16-12/19	OP	071

PEAC JUD3 ADVANCED JUDO 1.0 Units

Advanced judo course. Students should have completed intermediate judo with a passing grade prior to enrolling in this course. **Prerequisite:** PEAC JUD2 (completed with a grade of "P" or higher).

D 21777	MW	9:00	10:15	2930	SIROY	08/16-12/19	OP	001
E 21778	MW	6:00	7:15	2910	SIROY	08/16-12/19	OP	071

PEAC PIL1 INTRODUCTION TO PILATES 1.0 Units

This course will enable the student to participate in Pilates exercise routines for body and mind fitness. Pilates develops a strong core or center of the body through body awareness, good posture and easy, graceful movement while improving flexibility, agility and economy of motion. Students will learn about training and prevention of metabolic syndrome through diet and exercise in this course.

D 21502	MW	10:30	11:45	2910	ALTENBACH	08/16-12/19	OP	001
D 21504	TR	9:00	10:15	2910	CALCAGNO	08/16-12/19	OP	002

PEAC PIL2 INTERMEDIATE PILATES 1.0 Units

Pilates develops a strong core or center through body awareness, good posture and easy graceful movement while improving flexibility, agility and economy of motion. Intermediate Pilates will build on the basic principles learned in PIL1. Students will learn about eating to support an active lifestyle as well as principles of total wellness. **Prerequisite:** PEAC PIL1 (completed with a grade of "P" or higher).

D 21779	MW	10:30	11:45	2910	ALTENBACH	08/16-12/19	OP	001
D 21780	TR	9:00	10:15	2910	CALCAGNO	08/16-12/19	OP	002

PEAC PIL3 ADVANCED PILATES 1.0 Units

This course will enable the student to participate in Pilates exercise routines for body and mind fitness. Pilates develops a strong core or center through body awareness, good posture and easy graceful movement while improving flexibility, agility and economy of motion. Advanced Pilates will build on the basic principles learned in PIL2. Students will learn about eating to support an active lifestyle as well as principles of total wellness. **Prerequisite:** PEAC PIL2 (completed with a grade of "P" or higher).

D 21781	MW	10:30	11:45	2910	ALTENBACH	08/16-12/19	OP	001
D 21782	TR	9:00	10:15	2910	CALCAGNO	08/16-12/19	OP	002

PEAC PIL4 FUNCTIONAL PILATES 1.0 Units

This course will enable the student to participate in Pilates exercise routines for body and mind fitness. Pilates develops a strong core or center through body awareness, good posture and easy, graceful movement while improving flexibility, agility and economy of motion. Functional Pilates will build on the basic principles learned in PIL3. Students will learn about eating to support an active lifestyle as well as principles of total wellness. **Prerequisite:** PEAC PIL3 (completed with a grade of "P" or higher).

D 22347	MW	10:30	11:45	2910	ALTENBACH	08/16-12/19	OP	001
D 22348	TR	9:00	10:15	2910	CALCAGNO	08/16-12/19	OP	002

PEAC SBB1 SPORT-SPECIFIC TRAIN BASEBALL 1.0 Units

Designed to increase an individual's specific skills in the sport of baseball.

D 21608	TR	2:30	3:45	4001	TAVIS	08/16-12/19	OP	001
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PEAC SBB2 INTERM SP SPECIFIC TR BASEBALL 1.0 Units

Designed to increase physical conditioning, skill level, and knowledge in the sport of baseball. Individual baseball player to increase their specific physical conditioning, skill/technique level. Students must have experience and a high level of skill to enroll in this course. **Prerequisite:** PEAC SSB1 (completed with a grade of "P" or higher).

D 21783	TR	2:30 3:45	4001	TAVIS	08/16-12/19	OP	001
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PEAC SBB3 ADV BASEBAL SPECIFIC TRAINING 1.0 Units

Students will learn resistance and plyometric training methods to dramatically improve bat, leg and throwing speed. Students must have experience in resistance training and a high level of skill in the sport of baseball to enroll in this course. **Prerequisite:** PEAC SBB2 (completed with a grade of "P" or higher).

D 22349	TR	2:30 3:45	4001	TAVIS	08/16-12/19	OP	001
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PEAC SOC1 INTRODUCTION TO SOCCER 1.0 Units

Emphasizes the fundamental skills and strategies of soccer. This course focuses on rules, etiquette, safety, and soccer skills, such as dribbling, passing, shooting and defending. Offensive and defensive positions and basic team strategies are also addressed. No previous soccer experience is necessary.

D 21505	TR	9:00 10:15	SFLD	IGWE	08/16-12/19	OP	001
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PEAC SOC2 INTERMEDIATE SOCCER 1.0 Units

This course is Designed to give the student an understanding and training in the advanced principles of competitive soccer. Training and skill development will be combined in practice and applied in games situations. **Prerequisite:** PEAC SOC1 (completed with a grade of "P" or higher).

D 21784	TR	9:00 10:15	SFLD	IGWE	08/16-12/19	OP	001
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PEAC SOC3 ADVANCED SOCCER 1.0 Units

This course is designed to give the students an advanced understanding of the more complex principles of the game so they can apply them in the game situation. **Prerequisite:** PEAC SOC2 (completed with a grade of "P" or higher).

D 21785	TR	9:00 10:15	SFLD	IGWE	08/16-12/19	OP	001
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PEAC SOC4 ADVANCED CLUB LEVEL SOCCER 1.0 Units

Designed for the student who has aspirations to club level soccer in the local recreational leagues. This course will cover all aspects of beginning to intermediate team play at the recreational level. **Prerequisite:** PEAC SOC3 (completed with a grade of "P" or higher).

D 22350	TR	9:00 10:15	SFLD	IGWE	08/16-12/19	OP	001
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PEAC SPM1 SPEED/ PLYO/ AGILITY FOR MEN 1.0 Units

Course focuses on the development of speed, agility and plyometric training for men. Training will include speed training, progressive plyometric techniques, agility drills, flexibility exercises and core strengthening techniques. Health and nutritional issues specific to athletics will also be addressed. **Strongly Recommended: Previous athletic experience**

D 21511	MW	1:30 2:45	4001	FANENE	08/16-12/19	OP	001
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PEAC SPM2 INTER PLYO SPEED TRAIN FOR MEN 1.0 Units

Intermediate course on the development of speed and power for men. Training will have a strong plyometric training techniques along with speed and agility training. **Prerequisite:** PEAC SPM1 (completed with a grade of "P" or higher).

D 21876	MW	1:30 2:45	4001	FANENE	08/16-12/19	OP	001
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PEAC SWM1 BEGINNING SWIMMING 1.0 Units

Designed to teach proficiency in the basic strokes of swimming. No prior knowledge or skill in swimming is needed to join this course.

D 21483	MW	10:30 11:45	POOL	KUBICKI	08/16-12/19	OP	001
D 21484	MW	12:00 1:15	POOL	KUBICKI	08/16-12/19	OP	002
D 21485	MW	1:30 2:45	POOL	KUBICKI	08/16-12/19	OP	003
D 21486	TR	1:30 2:45	POOL	KUBICKI	08/16-12/19	OP	004
E 22351	MW	6:00 7:15	POOL	KUBICKI	08/16-12/19	OP	071

PEAC SWM2 INTERMEDIATE SWIMMING 1.0 Units

Designed for students who have completed beginning swimming (SWM1). Intermediate stroke development will be presented in this course. **Prerequisite:** PEAC SWM1 (completed with a grade of "P" or higher).

D 21786	MW	10:30 11:45	POOL	KUBICKI	08/16-12/19	OP	001
D 21787	MW	12:00 1:15	POOL	KUBICKI	08/16-12/19	OP	002
D 21788	MW	1:30 2:45	POOL	KUBICKI	08/16-12/19	OP	003
D 21789	TR	1:30 2:45	POOL	KUBICKI	08/16-12/19	OP	004
E 22352	MW	6:00 7:15	POOL	KUBICKI	08/16-12/19	OP	071

PEAC SWM3 ADVANCED SWIMMING 1.0 Units

Designed for those students who would like to learn advanced strokes in swimming. **Prerequisite:** PEAC SWM2 (completed with a grade of "P" or higher).

D 21790	MW	10:30 11:45	POOL	KUBICKI	08/16-12/19	OP	001
D 21791	MW	12:00 1:15	POOL	KUBICKI	08/16-12/19	OP	002
D 21792	MW	1:30 2:45	POOL	KUBICKI	08/16-12/19	OP	003
D 21793	TR	1:30 2:45	POOL	KUBICKI	08/16-12/19	OP	004
E 22353	MW	6:00 7:15	POOL	KUBICKI	08/16-12/19	OP	071

PEAC SWM4 HIGH LEVEL SWIMMING 1.0 Units

Designed for students who are interested in acquiring the swimming skills and conditioning necessary to compete at high level. **Prerequisite:** PEAC SWM3 (completed with a grade of "P" or higher).

D 22354	MW	10:30 11:45	POOL	KUBICKI	08/16-12/19	OP	001
D 22355	MW	12:00 1:15	POOL	KUBICKI	08/16-12/19	OP	002
D 22356	MW	1:30 2:45	POOL	KUBICKI	08/16-12/19	OP	003
D 22357	TR	1:30 2:45	POOL	KUBICKI	08/16-12/19	OP	004
E 22358	MW	6:00 7:15	POOL	KUBICKI	08/16-12/19	OP	071

PEAC TBB1 TOURNAMENT BASEBALL LEAGUE 1.5 Units

Designed for students to develop sport specific individual, group and team skills while participating in actual Baseball games. An extensive baseball background and previous experience is needed for success in this class. **Prerequisite: Students need an extensive baseball background and skill set.**

Students should be a member of a team and/or established and recognized baseball league.

S 21496	Sat	8:00 2:05	BFLD	TAVIS	08/16-12/19	OP	081
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PEAC TBB2 INTER TOURNMT BASEBALL LEAGUE 1.5 Units

Designed for students to develop sport specific individual, group and team skills while participating in a Baseball games. An extensive baseball background and previous experience is needed for success in this class. **Prerequisite: PEAC TBB1 (completed with a grade of "P" or higher) and students need an extensive baseball background and skill set. Students should be a member of a team and/or established and recognized baseball league.**

S 22378	Sat	8:00 2:05	BFLD	TAVIS	08/16-12/19	OP	081
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PEAC TEN1 INTRODUCTION TO TENNIS 1.0 Units

Introduction to the game of tennis. The course will involve basic stroking methods, conditioning techniques, historical background, rules, scoring, as well as, singles and doubles strategies.

D 23029	TR	10:30 11:45	COURT	MORRIS	08/16-12/19	OP	001
E 21487	TR	5:00 6:15	COURT	MORRIS	08/16-12/19	OP	071
S 21519	Sat	11:00 2:50	COURT	BATHELT	08/16-12/19	OP	081

PEAC TEN2 INTERMEDIATE TENNIS 1.0 Units

This course is designed for those students who have completed Tennis 1. The course will involve more techniques on the strokes of tennis, introducing spin as a control technique, footwork patterns, conditioning, historical background, rules, scoring, as well as strategy and court positioning for singles and doubles play. **Prerequisite: PEAC TEN1 (completed with a grade of "P" or higher).**

D 23030	TR	10:30 11:45	COURT	MORRIS	08/16-12/19	OP	001
E 21794	TR	5:00 6:15	COURT	MORRIS	08/16-12/19	OP	071
S 21795	Sat	11:00 2:50	COURT	BATHELT	08/16-12/19	OP	081

CRN	Type	Day(s)	Times	Room	Instructor	Dates	Code	Sec	CRN	Type	Day(s)	Times	Room	Instructor	Dates	Code	Sec
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PEAC TEN3 ADVANCED TENNIS 1.0 Units

This course is for tennis players who are at an advanced level of play. The course will involve singles and doubles strategies that utilize high percentage play, footwork and conditioning drills, strategies for courts positioning in both singles and doubles play. **Prerequisite:** PEAC TEN2 (completed with a grade of "P" or higher).

D 23031	TR	10:30	11:45	COURT MORRIS	08/16-12/19	OP	001
E 21796	TR	5:00	6:15	COURT MORRIS	08/16-12/19	OP	071
S 21797	Sat	11:00	2:50	COURT BATHELT	08/16-12/19	OP	081

PEAC TEN4 TOURNAMENT TENNIS 1.0 Units

This course is designed for those tennis players who are competing in tournaments or league play. The course will cover strategy, court positioning, footwork and conditioning, and tennis strokes technique. **Prerequisite:** PEAC TEN3 (completed with a grade of "P" or higher).

D 23032	TR	10:30	11:45	COURT MORRIS	08/16-12/19	OP	001
E 22497	TR	5:00	6:15	COURT MORRIS	08/16-12/19	OP	071
S 23033	Sat	11:00	2:50	COURT BATHELT	08/16-12/19	OP	081

PEAC TKD1 TAE-KWON-DO 1.0 Units

Introductory course in the history, philosophy, techniques and safety aspects of tae-kwon-do. This is an ancient Korean martial art where students will learn "the way of fist and foot," as well as increase cardiovascular and muscular fitness.

E 22106	TR	7:00	8:20	2910	DE GUZMAN	08/16-12/19	OP	071
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PEAC TKD2 INTERMEDIATE TAE KWON DO 1.0 Units

Designed to further the develop the beginning student in the ancient art of Tae Kwon Do. Intermediate skills in blocking, kicking, punching and katas will be introduced. This is the second in a series of structured martial art courses in the way of the "fist and foot" **Prerequisite:** PEAC TKD1 (completed with a grade of "P" or higher).

E 22379	TR	7:00	8:20	2910	DE GUZMAN	08/16-12/19	OP	071
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PEAC TKD3 ADVANCED TAE KWON DO 1.0 Units

Designed to develop the advanced skills, theory and philosophy in the ancient art of Tae Kwon Do. Students will be introduced to advance forms of katas, blocks, kicking and defensive moves. **Prerequisite:** PEAC TKD 2 (completed with a grade of "P" or higher).

E 22380	TR	7:00	8:20	2910	DE GUZMAN	08/16-12/19	OP	071
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PEAC TKD4 MASTERING TAE KWON DO 1.0 Units

The fourth in a series of courses designed for accomplished Tae Kwon Do students. In this course the student will learn advanced katas and sparing techniques. **Prerequisite:** PEAC TKD3 (completed with a grade of "C" or higher).

E 22569	TR	7:00	8:20	2910	DE GUZMAN	08/16-12/19	OP	071
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PEAC VOL1 INTRODUCTION TO VOLLEYBALL 1.0 Units

Designed to provide students an opportunity to learn or review and practice those skills which are acceptable under current rules and interpretations in the game of volleyball; to promote an interest in leisure time activity; acquire an appreciation of competitive play as a spectator; and to teach students what acceptable conduct is in a coeducational activity.

E 22163	Mon	6:00	8:50	2500	FANENE	08/16-12/19	OP	071
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PEAC VOL2 VOLLEYBALL 2 1.0 Units

This course is designed to provide students an opportunity to learn or review and practice those skills which are acceptable under current rules and interpretations in the game of volleyball; to promote an interest in leisure time activity; acquire an appreciation of competitive play as a spectator; and to teach students what acceptable conduct is in a coeducational activity.

Students will learn about current rules and effective game strategy. Strongly Recommended: PEAC VOL1 (completed with a grade of "P" or higher)

E 22164	Mon	6:00	8:50	2500	FANENE	08/16-12/19	OP	071
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PEAC VOL3 ADVANCED VOLLEYBALL 1.0 Units

This course is designed to teach advanced skills and strategy in recreational volleyball. Students will learn a variety of setting, hitting and blocking drills to enhance their ability. **Prerequisite:** PEAC VOL2 (completed with a grade of "P" or higher).

E 22359	Mon	6:00	8:50	2500	FANENE	08/16-12/19	OP	071
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PEAC VOL4 COMPETITIVE VOLLEYBALL 1.0 Units

This course is designed to teach team skills and strategies needed to play competitive team volleyball. **Prerequisite:** PEAC VOL3 (completed with a grade of "P" or higher).

E 23053	Mon	6:00	8:50	2500	FANENE	08/16-12/19	OP	071
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PEAC WAP1 INTRO TO WATER POLO 1.5 Units

Designed to provide the student the opportunity to develop their skills in water polo. Aspects of leadership, team play, sportsmanship, and other social values are concomitant objectives. Students will learn about training and prevention of metabolic syndrome through diet and exercise in this course.

D 22167	MTWR	3:00	3:50	POOL	KUBICKI	08/16-12/19	OP	001
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PEAC WAP2 BEGINNING WATER POLO 1.5 Units

Designed to enhance and to develop strategic play necessary for tournament play. **Prerequisite:** PEAC WAPO (completed with a grade of "P" or higher).

D 22168	MTWR	3:00	3:50	POOL	KUBICKI	08/16-12/19	OP	001
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PEAC WAP3 INTERMEDIATE WATER POLO 1.5 Units

Designed to provide the student the capability of participating in tournament play. Aspects of leadership, team play, sportsmanship, and other social values are concomitant objectives. **Prerequisite:** PEAC WAP2 (completed with a grade of "P" or higher).

D 22360	MTWR	3:00	3:50	POOL	KUBICKI	08/16-12/19	OP	001
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PEAC WAP4 001 1.0 Units

Designed to provide the student participation in tournament play. Aspects of team play, good sportsmanship and life long health and well-being. **Prerequisite:** PEAC WAP3 (completed with a grade of "C" or higher).

D 23034	MTWR	3:00	3:50	POOL	KUBICKI	08/16-12/19	OP	001
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PEAC WEI1 INTRO TO WEIGHT TRAINING 1.0 Units

Designed to teach the basic elements of weight training and prepare the student's body; i.e., muscles, ligaments, tendons and joints to endure weight training. Emphasis on developing muscle strength balances in the 3 different planes of motion and muscular endurance training. Circuit training will be utilized.

D 21491	MW	9:00	10:15	4001	TAVIS	08/16-12/19	OP	001
D 21492	MW	10:30	11:45	4001	FRIEND	08/16-12/19	OP	002
D 21645	MW	12:00	1:15	4001	FRIEND	08/16-12/19	OP	003
D 21490	TR	7:30	8:45	4001	TAVIS	08/16-12/19	OP	004
D 21493	TR	9:00	10:15	4001	ROBINSON	08/16-12/19	OP	005

PEAC WEI2 INTERMEDIATE WEIGHT TRAINING 1.0 Units

Designed to focus on increasing the muscular hypertrophy of the prime movers. Workout templates will be provided that stimulate and provoke high and positive chemical changes within the muscle system. **Prerequisite:** PEAC WEI1 (completed with a grade of "P" or higher).

D 21799	MW	9:00	10:15	4001	TAVIS	08/16-12/19	OP	001
D 21800	MW	10:30	11:45	4001	FRIEND	08/16-12/19	OP	002
D 21801	MW	12:00	1:15	4001	FRIEND	08/16-12/19	OP	003
D 21798	TR	7:30	8:45	4001	TAVIS	08/16-12/19	OP	004
D 21802	TR	9:00	10:15	4001	ROBINSON	08/16-12/19	OP	005

PEAC WEI3 ADVANCED WEIGHT TRAINING 1.0 Units

Designed to teach the student advanced lifts and training methods in weight training and to develop the highest level of force and to become significantly stronger through the use of muscular strength training stimulus. The student will learn to synchronize their muscles involved in the exercise. **Prerequisite:** PEAC WEI2 (completed with a grade of "P" or higher).

D 21804	MW	9:00	10:15	4001	TAVIS	08/16-12/19	OP	001
D 21805	MW	10:30	11:45	4001	FRIEND	08/16-12/19	OP	002
D 21806	MW	12:00	1:15	4001	FRIEND	08/16-12/19	OP	003
D 21803	TR	7:30	8:45	4001	TAVIS	08/16-12/19	OP	004
D 21807	TR	9:00	10:15	4001	ROBINSON	08/16-12/19	OP	005

PEAC WEI4 WEIGHT TRAIN MUSCULAR POWER 1.0 Units

This is a course designed to increase the muscular power of the student through high velocity training. Emphasis on improving neuromuscular coordination through the utilization of the stretch-reflex principle and higher rates of acceleration through lighter training loads. **Prerequisite: PEAC WEI3 (completed with a grade of "P" or higher)**

D 22518	MW	9:00	10:15	4001	TAVIS	08/16-12/19	OP	001
D 22519	MW	10:30	11:45	4001	FRIEND	08/16-12/19	OP	002
D 22520	MW	12:00	1:15	4001	FRIEND	08/16-12/19	OP	003
D 22521	TR	7:30	8:45	4001	TAVIS	08/16-12/19	OP	004
D 22522	TR	9:00	10:15	4001	ROBINSON	08/16-12/19	OP	005

PEAC WLK1 WALKING FOR FITNESS 1.0 Units

This is course is for students of all fitness levels who would like to utilize walking as a fitness enhancing activity. Walking routes begin on campus and explore a multitude of nearby parks and trails. Topics to be discussed include: fitness and health assessment, equipment and safety, walking techniques, motivation, nutrition basics, program design and evaluation, volkssporting and more.

D 21488	TR	9:00	10:15	TRACK	FRIEND	08/16-12/19	OP	001
D 23035	MW	12:00	1:15	TRACK	FRIEND	08/16-12/19	OP	002

PEAC WLK2 ADVANCED WALKING FOR FITNESS 1.0 Units

This is course is for students of intermediate-to-advanced fitness levels who would like to utilize walking as a fitness enhancing activity. Walking routes are on campus and will utilize the stadium bleachers, stairs and track. Multiple discussion topics will include: interval training, fitness and health assessment, equipment and safety, walking techniques, motivation, nutrition basics, program design and evaluation. Students will learn about target heart rate training and recording and monitoring their heart rate in this course. **Prerequisite: PEAC WLK1 (completed with a grade of "P" or higher).**

D 21808	TR	9:00	10:15	TRACK	FRIEND	08/16-12/19	OP	001
D 23036	MW	12:00	1:15	TRACK	FRIEND	08/16-12/19	OP	002

PEAC WLK3 ADV CARDIO FITNESS THRU WALKING 1.0 Units

Designed to develop advanced cardiovascular fitness through walking and a series of supplemental exercises. **Prerequisite: PEAC WLK2 (completed with a grade of "P" or higher).**

D 21878	TR	9:00	10:15	TRACK	FRIEND	08/16-12/19	OP	001
D 23037	MW	12:00	1:15	TRACK	FRIEND	08/16-12/19	OP	002

PEAC WLK4 WALK/JOG FOR TOTAL FITNESS 1.0 Units

The fourth in a series of walking fitness courses to improve cardiovascular fitness. The goal of this course is bridge the gap between walking and jogging through a gradual and progressive training plan. **Prerequisite: PEAC WLK3 (completed with a grade of "P" or higher).**

D 22381	TR	9:00	10:15	TRACK	FRIEND	08/16-12/19	OP	001
D 23038	MW	12:00	1:15	TRACK	FRIEND	08/16-12/19	OP	002

PEAC WOW1 WOMENS WEIGHT TRAINING 1.0 Units

Designed to provide introductory information on physical fitness and strength training through the use of progressive resistance exercises.

D 21489	TR	10:30	11:45	4001	VILCHE	08/16-12/19	OP	001
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PEAC WOW2 WOMENS WEIGHT TRAINING 2 1.0 Units

Designed to provide basic information to students wishing to improve their physical fitness through the use of progressive resistance exercises. The material for the course is predicated upon the use of sound physiological principles. Students will learn about training and prevention of metabolic syndrome through diet and exercise in this course. **Prerequisite: PEAC WOW1 (completed with a grade of "P" or higher).**

D 21809	TR	10:30	11:45	4001	VILCHE	08/16-12/19	OP	001
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PEAC YOG1 INTRODUCTION TO YOGA 1.0 Units

This is course explores the basic principles of Hatha This is course explores the basic principles of Hatha fitness. It incorporates yoga postures (asanas) designed to strengthen and tone the body. Breathing exercises, relaxation and meditation techniques are learned and practiced throughout the course. Students will learn about training and prevention of metabolic syndrome through diet and exercise in this course.

D 21494	MW	12:00	1:15	2930	ALTENBACH	08/16-12/19	OP	001
D 21495	MW	1:30	2:45	2930	ALTENBACH	08/16-12/19	OP	002
D 21644	MW	3:00	4:15	2930	ALTENBACH	08/16-12/19	OP	003
D 23039	TR	10:30	11:45	2930	ROAKE	08/16-12/19	OP	004

PEAC YOG2 INTERMEDIATE YOGA 1.0 Units

Designed for students who have completed beginning Yoga (YOG1) and are ready to progress to more complex moves in hatha yoga. **Prerequisite: PEAC YOG1 (completed with a grade of "P" or higher).**

D 21810	MW	12:00	1:15	2930	ALTENBACH	08/16-12/19	OP	001
D 21811	MW	1:30	2:45	2930	ALTENBACH	08/16-12/19	OP	002
D 21812	MW	3:00	4:15	2930	ALTENBACH	08/16-12/19	OP	003
D 23040	TR	10:30	11:45	2930	ROAKE	08/16-12/19	OP	004

PEAC YOG3 ADVANCED YOGA 1.0 Units

Designed for students who have completed Yoga 2 and are ready to study more advanced and complicated asanas. **Prerequisite: PEAC YOG2 (completed with a grade of "P" or higher).**

D 22120	MW	12:00	1:15	2930	ALTENBACH	08/16-12/19	OP	001
D 22121	MW	1:30	2:45	2930	ALTENBACH	08/16-12/19	OP	002
D 22122	MW	3:00	4:15	2930	ALTENBACH	08/16-12/19	OP	003
D 23041	TR	10:30	11:45	2930	ROAKE	08/16-12/19	OP	004

PEAC YOG4 YOGA FOR LIFE 1.0 Units

Designed for the advanced yoga student to learn yoga routines that can be performed throughout life. **Prerequisite: PEAC YOG3 (completed with a grade of "P" or higher).**

D 22382	MW	12:00	1:15	2930	ALTENBACH	08/16-12/19	OP	001
D 22383	MW	1:30	2:45	2930	ALTENBACH	08/16-12/19	OP	002
D 22384	MW	3:00	4:15	2930	ALTENBACH	08/16-12/19	OP	003
D 23042	TR	10:30	11:45	2930	ROAKE	08/16-12/19	OP	004

PHYSICS

PHYS 3A COLLEGE PHYSICS A 4.0 Units

Introduction to the major principles of classical mechanics using calculus for students studying life sciences and architecture. Includes: the scientific method and social responsibility of the scientist, Newtonian mechanics, energy, gravitation, fluids, thermodynamics, and vibration waves. **Prerequisite: MTH 1 or MTH 15 and MTH 37 or MTH 36 (completed with a grade of "C" or higher).**

D 22604	Lec	Tue	8:30	11:20	1810	ALEGRE	08/16-12/19	GR	001
	Lab	Thu	8:30	11:20	1810			GR	
E 22605	Lec	Mon	6:30	9:20	1810	ASZTALOS	08/16-12/19	GR	002
	Lab	Wed	6:30	9:20	1810			GR	

PHYS 4A GENERAL PHYSICS I 5.0 Units

Introduction to the principles of Newtonian mechanics using calculus as needed. Vectors, kinematics, dynamics, energy, momentum, rotation, oscillations, gravitation, and fluids. **Prerequisite: Mathematics 1 (completed with a grade of "C" or higher). This course may require you to purchase access to an online physics learning environment.**

D 20059	Lec	MW	11:30	12:35	1803	ALEXANDER	08/16-12/19	GR	001
	Lab	Wed	2:30	5:20	1810			GR	
	Lec	Fri	11:30	12:40	1803			GR	
D 22314	Lec	MW	11:30	12:35	1803	ALEXANDER	08/16-12/19	GR	002
	Lab	Mon	2:30	5:20	1810			GR	
	Lec	Fri	11:30	12:40	1803			GR	
D 20517	Lec	MW	2:30	4:20	1760	Staff - Sc	08/16-12/19	GR	003
	Lab	Fri	8:30	11:20	1810			GR	

PHYS 4B GENERAL PHYSICS II 5.0 Units

Thermodynamics, electric fields, electric currents, magnetic fields, induced currents, and alternating circuits. **Prerequisite: Physics 4A and Mathematics 2 (both completed with a grade of "C" or higher). This course may require you to purchase access to an online physics learning environment.**

D 20060	Lec	MW	2:30	4:20	1758	LEE	08/16-12/19	GR	001
	Lab	Fri	1:30	4:20	1806			GR	
D 22833	Lec	MW	11:30	12:35	1806	DAVE	08/16-12/19	GR	002
	Lab	Wed	2:30	5:20	1806			GR	
	Lec	Fri	11:30	12:40	1801			GR	

PHYS 4C GENERAL PHYSICS III 5.0 Units

Electromagnetic spectrum, including reflection, refraction, diffraction, interference, polarization, fluids, sound waves and thermodynamics. **Prerequisites: Physics 4B and Mathematics 3 (both completed with grade of "C" or higher). This course may require you to purchase access to an online physics learning environment.**

D 21522	Lec	MW	2:30 4:20	3922	HILDRETH	08/16-12/19	GR	001
	Lab	Fri	1:30 4:20	1810			GR	

PHYS 11 DESCRIPTIVE PHYSICS 4.0 Units

Motion, gravitation, heat, light, sound, electricity, magnetism, atoms, and nuclei. Present day scientific problems and developments such as alternative energy sources, solar energy, nuclear power, lasers, relativity and black holes. Designed for non-majors in physical science. Includes an introduction to laboratory principles and techniques with emphasis on the basic concepts discussed in the class. **Strongly recommended: Mathematics 105 or 105L. May not receive credit if Physics 10 or Physics 10L has been completed. This course may require you to purchase access to an online physics learning environment.**

D 20967	Lec	Tue	1:30 4:20	1810	ALEXANDER	08/16-12/19	GR	001
	Lab	Thu	1:30 4:20	1810			GR	

PHYS 25 COMP METHODS ENGINEER/SCIENCE 3.0 Units

Methodology and techniques for solving engineering/science problems using numerical-analysis computer-application programs MATLAB, SimuLink, MuPad, and EXCEL. Technical computing and visualization using MATLAB software. Examples and applications from applied-mathematics, physical-mechanics, electrical circuits, biology, thermal systems, fluid systems, and other branches of science and engineering. **May not receive credit if Engineering 25 or Mathematics 25 has been completed. Prerequisite: MTH 1 (completed with a grade of "C" or higher).**

D 21206	Lec	TR	3:30 4:20	1813	QUIGLEY	08/16-12/19	GR	001
	Lab	Thu	4:30 5:45	1813			GR	
	Lab	Tue	4:30 5:45	1813			GR	

POLITICAL SCIENCE

POSC 1 INTRO TO AMERICAN GOVERNMENT 3.0 Units

Introduction to the historical development of American political ideals and institutions including the United States Constitutions, civil liberties, civil rights, citizenship duties, political parties, participation and elections.

Strongly recommended: eligibility for English 1A.

D 21105	Lec	MW	9:00 10:15	558	GALLUCCI	08/16-12/19	OP	001
D 21108	Lec	MW	10:30 11:45	558	GALLUCCI	08/16-12/19	OP	002
D 22207	Lec	MW	12:00 1:15	1756	UKUDEEVA	08/16-12/19	OP	003
D 22101	Lec	TR	1:30 2:45	553	Staff - So	08/16-12/19	OP	004
D 21107	Lec	TR	9:00 10:15	557	FORTUNA	08/16-12/19	OP	005
D 22606	Lec	TR	10:30 11:45	353	FORTUNA	08/16-12/19	OP	006
E 21110	Lec	Mon	6:00 8:50	553	FORTUNA	08/16-12/19	OP	071
E 22208	Lec	Thu	5:00 7:50	555	Staff - So	08/16-12/19	OP	072
O 21111	By Arr	3.0 Hrs/Wk	ONLINE	Staff - So	08/16-12/19	OP	ON1	
O 21946	By Arr	3.0 Hrs/Wk	ONLINE	GALLUCCI	08/16-12/19	OP	ON2	
O 22649	By Arr	3.0 Hrs/Wk	ONLINE	GALLUCCI	08/16-12/19	OP	ON3	
O 23000	By Arr	3.0 Hrs/Wk	ONLINE	Staff - So	08/16-12/19	OP	ON4	
O 23328	By Arr	3.0 Hrs/Wk	ONLINE	Staff - So	08/16-12/19	OP	ON5	

POSC 1-ON1/ON2/ON3/ON4/ON5 are online courses with no required on-campus meetings. For important additional information, go to: <http://www.chabotcollege.edu/online>

POSC 20 COMPARATIVE GOVERNMENT 3.0 Units

Contemporary forms of government, institutions and political problems of selected national governments. **Strongly recommended: Eligibility for English 1A and Political Science 1.**

D 21854	Lec	TR	10:30 11:45	506	GALLUCCI	08/16-12/19	GR	001
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POSC 30 INTERNATIONAL RELATIONS 3.0 Units

Introduction to international politics, theories, and global institutions, focusing on international actors and their interactions with one another. Emphasis on current events.

D 21112	Lec	MW	1:30 2:45	557	UKUDEEVA	08/16-12/19	GR	001
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POSC 45 LAW AND DEMOCRACY CAPSTONE 3.0 Units

(See also Political Science 45) The Law and Democracy course is an Interdisciplinary exploration of themes such as equality, citizenship, participation, access, and social justice. We will look critically at how law structures as well as limits democracy and examine the idea of democracy as a universal value. **Strongly recommended: English 1A (completed with a grade of "C" or higher). Prerequisite: Political Science 1 or Administration of Justice 50 (completed with a grade of "C" or higher). May not receive credit if Administration of Justice 45 has been completed.**

D 21224	Lec	MW	12:00 1:15	557	HANSON	08/16-12/19	OP	001
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PSYCHOLOGY

PSY 1 GENERAL PSYCHOLOGY 3.0 Units

Introduction students to the scientific study of behavior and mental processes. Provides an overview of major psychological concepts and theories in such areas as consciousness, learning, memory, motivation, perception, personality, stress, and social behavior. **Strongly recommended: English 1A.**

D 21648	Lec	MW	9:00 10:15	557	PIERSON	08/16-12/19	GR	FE1
<i>This section is dedicated to our First Year Experience students. For pathway registration course numbers or information on the program, please visit us at www.chabotcollege.edu/FYE</i>								
D 23061	Lec	TR	10:30 11:45	556	NIJJAR	08/16-12/19	GR	FE2
<i>This section is dedicated to our First Year Experience students. For pathway registration course numbers or information on the program, please visit us at www.chabotcollege.edu/FYE</i>								
D 22583	Lec	MW	1:15 2:30	405	PEREZ	08/16-12/19	GR	FE3
<i>This section is dedicated to our First Year Experience students. For pathway registration course numbers or information on the program, please visit us at www.chabotcollege.edu/FYE</i>								
D 20933	Lec	MW	10:30 11:45	556	ESTEPA	08/16-12/19	GR	001
D 20934	Lec	TR	7:30 8:45	552	MORIN	08/16-12/19	GR	002
D 20935	Lec	TR	9:00 10:15	556	ESTEPA	08/16-12/19	GR	003
D 20936	Lec	TR	1:00 2:15	555	Staff - So	08/16-12/19	GR	004
D 20939	Lec	Mon	3:00 5:50	553	PEREZ	08/16-12/19	GR	005
D 20940	Lec	Wed	3:00 5:50	554	PEREZ	08/16-12/19	GR	006
D 20937	Lec	Wed	1:30 4:30	505	NIJJAR	08/23-12/19	GR	E01
D 21882	Lec	Thu	1:30 4:50	556	STAMATAKIS	08/24-12/19	GR	E02
D 21293	Lec	Tue	1:30 4:40	556	NIJJAR	08/29-12/19	GR	E03
E 21509	Lec	Mon	6:30 9:20	504	RAHMANY	08/16-12/19	GR	071
E 21508	Lec	Tue	7:00 9:50	551	RAHMANY	08/16-12/19	GR	072
E 22738	Mon	6:00 7:50	2611	EGUSA	08/16-12/19	GR	FYE	
	By Arr	1.0 Hrs/Wk	HYBRID				GR	

This section is for students in our First Year Experience (FYE) Pathway programs. FYE offers students the core classes they need to transfer in a timely manner. For pathway registration course numbers or information on the program, please visit us at www.chabotcollege.edu/FYE The course is a hybrid online class with Mandatory on-campus meetings on the following Mondays: Room 2611 Monday, August 28th at 6:00 PM to 7:50 PM Monday, September 11th at 6:00 PM to 7:50 PM Monday, October 9th at 6:00 PM to 7:50 PM Monday, November 12th at 6:00 PM to 7:50 PM Monday, December 11th at 6:00 PM to 7:50 PM

O 20941	By Arr	3.6 Hrs/Wk	ONLINE	NIJJAR	08/29-12/05	GR	EN1	
O 20942	By Arr	3.6 Hrs/Wk	ONLINE	ESTEPA	08/29-12/05	GR	EN2	
O 20943	By Arr	3.6 Hrs/Wk	ONLINE	PIERSON	08/29-12/05	GR	EN3	
O 20944	By Arr	3.6 Hrs/Wk	ONLINE	NIJJAR	08/29-12/05	GR	EN4	
O 20938	By Arr	3.6 Hrs/Wk	ONLINE	ESTEPA	08/29-12/05	GR	EN5	
O 23001	By Arr	3.6 Hrs/Wk	ONLINE	PIERSON	08/29-12/05	GR	EN6	
<i>PSY 1-EN1/EN2/EN3/EN4/EN5/EN6 are online courses with no required on-campus meetings. For important additional information, go to: http://www.chabotcollege.edu/online</i>								
O 20962	By Arr	3.6 Hrs/Wk	ONLINE	PIERSON	08/29-12/05	GR	OPN	
<i>PSY 1-OPN is an online PACE course with no required on-campus meetings. Only PACE students may enroll in this class until 7/5. From 7/6, any student may enroll in remaining open spaces. For information on the PACE Program, go to http://www.chabotcollege.edu/PACE</i>								

PSY 2 PSYCHOLOGICAL METHODOLOGY 3.0 Units

This course surveys various psychological research methods with an emphasis on research design, experimental procedures, descriptive methods, instrumentation, and the collection, analysis, interpretation, and reporting of research data.

Research design and methodology will be examined through a review of research in a variety of the sub-disciplines of psychology. **Prerequisite: PSY 1 (completed with a grade of "C" or higher) and PSY 5 equivalent statistics course (completed with a grade of "C" or higher). Strongly Recommended: ENGL 1A.**

D 22548	Lec	MW	10:30 11:45	506	PIERSON	08/16-12/19	GR	001
D 22209	Lec	MW	12:00 1:15	556	PIERSON	08/16-12/19	GR	002

PSY 4 BRAIN, MIND AND BEHAVIOR 3.0 Units

PSY 4 - Brain, Mind and Behavior 3.00 units This course introduces the scientific study of the and neurochemical mechanisms, and brain-biological bases of behavior and its fundamental role in the neurosciences. Physiological, hormonal, behavior relationships underlying the psychological phenomena of sensation, perception, regulatory processes, emotion, learning, memory, neurological, developmental and psychological disorders will be addressed. The course also notes historical scientific contributions and current research principles for studying brain-behavior relationships and mental processes. Ethical standards for human and animal research are discussed in the context of both invasive and non-invasive experimental research. **Prerequisite: PSY 1 Strongly Recommended: ENGL 1A.**

D 21557	Lec MW	9:00 10:15	556	ESTEPA	08/16-12/19	GR 001
O 21881	By Arr	3.6 Hrs/Wk	ONLINE	NIJJAR	08/29-12/05	GR EN1

PSY 4-EN1 is an online course with no required on-campus meetings. For important additional information, go to <http://www.chabotcollege.edu/online>

PSY 5 INTRO STATS FOR BEH & SOC SCI 4.0 Units

Statistics as applied to the behavioral and social sciences. Topics include: descriptive and inferential statistics; measures of central tendency and variability; normal, t-test, and chi-square distributions; correlation, regression, ANOVA; probability and hypothesis testing. Emphasis on selection and interpretation of statistical analyses. Introduction to applications of computer statistical software to social science data. **Prerequisite: MTH 53, MTH 53B, MTH 54, MTH 54L, MTH 55, MTH 55L or MTH 55B with a grade of "C" or higher or an appropriate skill level demonstrated through the Mathematics Assessment process. Strongly Recommended: ENGL 1A.**

D 21880	Lec Mon	12:00 1:15	507	Staff - So	08/16-12/19	GR 001
	Lec Wed	12:00 2:15	507			GR
D 22549	Lec Mon	10:00 11:15	507	Staff - So	08/16-12/19	GR 002
	Lec Wed	9:00 11:15	507			GR
D 23070	Lec Tue	10:00 11:15	507	HOVASAPIAN	08/16-12/19	GR 003
	Lec Thu	9:00 11:15	507			GR
E 22718	Lec Tue	6:30 7:45	1751	GRIMM	08/16-12/19	GR 0P1
	Lec Thu	6:30 8:45	1751			GR

This is a PACE Course. Only PACE students may enroll in this class until 7/5. From 7/6, any student may enroll in remaining open spaces. For information on the PACE Program, go to <http://www.chabotcollege.edu/PACE>

PSY 6 ABNORMAL PSYCHOLOGY 3.0 Units

An overview of the field of abnormal psychology. Introduces students to the major classifications of mental health disorders from the perspective of symptoms and behavior, causes, diagnosis and treatment. Examines historical, socio-cultural and contemporary understanding of mental illness. Includes disorders of mood, anxiety, psychosis, substance abuse, personality and other disorders in adults and children. **Strongly recommended: Eligibility for English 1A.**

D 20945	Lec TR	10:30 11:45	558	MORIN	08/16-12/19	GR 001
D 22884	Lec TR	9:00 10:15	506	MORIN	08/16-12/19	GR 002

PSY 8 HUMAN SEXUALITY 3.0 Units

Physiological and psychosocial aspects of sexual health in our contemporary society. Understanding the interrelationship of attitude and behavior as it relates to sexual well-being and sexual integrity. **May not receive credit if Health 8 or Sociology 8 has been completed.**

E 20946	Lec MW	1:30 2:45	553	DICKINSON	08/16-12/19	GR 071
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PSY 12 LIFESPAN PSYCHOLOGY 3.0 Units

Introduction to the psychological, physiological, socio-cultural and socio-historical factors influencing development from conception through death. Emphasis on the process of normal development and its variations. Examination of theoretical models and research for practical application.

D 22543	Lec Wed	3:00 5:50	552	DICKINSON	08/16-12/19	GR 001
E 20947	Lec Mon	5:30 8:20	554	DICKINSON	08/16-12/19	GR 071

PSY 33 PERSONAL & SOCIAL ADJUSTMENT 3.0 Units

Personality and behavior theory, personality assessment, and techniques of increasing personal effectiveness; basic human nature and the development of human potentialities through genetic inheritance, maturation and learning in a physical and socio-cultural environment; dynamics of individual and group behavior, motivation, stress, adjustive and maladjustive behavior and group and individual interaction. **Strongly recommended: English 1A or 52A.**

E 21431	Lec Wed	6:15 9:45	856	GRIMM	08/30-12/13	GR EP1
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This is a PACE Course. Only PACE students may enroll in this class until 7/5. From 7/6, any student may enroll in remaining open spaces. For information on the PACE Program, go to <http://www.chabotcollege.edu/PACE>

PSYCHOLOGY-COUNSELING

PSCN 1 INTRO PSCN IN A MULTI-CULT ENV 3.0 Units

Intro to psychology-counseling theory, skills, techniques, and processes in working with individuals and/or groups. Multiculturalism in American society. Emphasis placed on issues and processes of a minority-majority environment. Includes review of demographics, social services, community agencies, and intervention programs. Fundamental counseling techniques, counseling theory and socio-cultural issues related to working in the "service provider" role. **Strongly recommended: eligibility for English 1A and completion of Psychology-Counseling 13.**

D 20355	Lec Mon	1:00 3:50	1803	SANTIAGO	08/16-12/19	OP A01
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PSCN 2 INTRO CASE MGMT FOR HUMN SERV 3.0 Units

Introduction to case management theory, models and techniques. Multicultural issues affecting case management theory. Emphasis placed on case management philosophy, ethical issues, concepts and practices. Analysis of needs, documentation and confidentiality and individualized consumer plan development. Analysis of inter-agency collaboration. Includes issues of monitoring an ongoing case management plan and maintaining consumer commitment to plan success. Designed to provide students with knowledge in case management theory implementation for Human Service, Social Work and/or Mental Health. **Strongly recommended: Psychology-Counseling 1.**

O 20481	By Arr	3.0 Hrs/Wk	ONLINE	ALARCON	08/16-12/19	OP ON1
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PSCN 2-ON1 is an online course with no required on-campus meetings. For important additional information, go to <http://www.chabotcollege.edu/online/>

PSCN 901 PERSONAL GROWTH I 1.0 Units

Designed to provide academic and personal counseling to students with disabilities in a support group environment.

D 20178	Lec Mon	1:30 2:20	2407	FIERRO	08/16-12/19	P/N 001
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PSCN 902 PERSONAL GROWTH II 1.0 Units

Designed to provide academic and personal counseling to students with disabilities in a support group environment.

D 20179	Lec Tue	9:00 9:50	2407	PHAN	08/16-12/19	P/N 001
D 22997	Lec MW	12:30 1:20	2407	GREEN	08/16-12/19	P/N 002

PSCN 903 PERSONAL GROWTH III 1.0 Units

Designed to provide academic and personal counseling to students with disabilities in a support group environment.

D 20504	Lec Thu	9:00 9:50	2407	PHAN	08/16-12/19	P/N 001
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PSCN 904 PERSONAL GROWTH IV 1.0 Units

Designed to provide academic and personal counseling to students with disabilities in a support group environment.

E 20505	Lec Wed	5:00 5:50	2407	PHAN	08/16-12/19	P/N 071
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PSCN 10 CAREER AND EDUCATION PLANNING 2.0 Units

Exploration of the concept of career, educational and life planning focusing on personal career development through self-assessment. Emphasis on clarification of individual interests, values, needs, abilities and decision making styles, investigation of occupational opportunities in the world of work, and introduction to job search strategies, resume writing and interview skills. Designed for those undecided or uncertain about their career and educational plans.

D 20388	Lec Thu	9:00 10:50	3922	SANTIAGO	08/16-12/19	OP 001
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E 21968	Lec TR	5:30 7:35	558	OSIKOMAIYA	08/17-10/10	OP 071
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O 22335	By Arr	2.0 Hrs/Wk	ONLINE	GREENE	08/16-12/19	GR ON1
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PSCN 10-ON1 is an online course with no required on-campus meetings. For more information, please go to <http://www.chabotcollege.edu/online/>

PSCN 12 SELF-ESTEEM FOR SUCCESS 2.0 Units

Exploration of causes of low self-esteem, methods for building self-esteem and habits for success. Designed to improve self-esteem to ensure academic success.

D 22336	Lec Mon	4:00 5:50	856	PANELLA	08/16-12/19	GR A01
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PSCN 13 MULTICULTURAL ISSUES/AMERICA 3.0 Units

Exploration of issues relating to the multicultural community in which we live. Interpersonal relations and communication. Focus on improving individual's understanding of other cultures and how those cultures impact the American lifestyle. Includes exploration of myths and misunderstandings. Discussion of four specific cultures or sub-cultures from the following groups: 1) African-American, 2) Asian-American, 3) Hispanic-American, 4) Native-American, 5) Middle Eastern-American, 6) European-American, 7) Gay/Lesbian American, 8) Disabled American.

- D 22721 Lec Tue 9:00 11:50 3922 SANTIAGO 08/16-12/19 OP A01
 O 22337 By Arr 3.0 Hrs/Wk ONLINE ALARCON 08/16-12/19 OP AN1
PSCN 13 -AN1 is an online course with no required on-campus meetings. For important additional information, go to <http://www.chabotcollege.edu/online>. This section is for Athletes.
 O 20389 By Arr 3.0 Hrs/Wk ONLINE MANOS 08/16-12/19 OP AN2
PSCN 13-AN2 is an online course with no required on-campus meetings. For important additional information, go to <http://www.chabotcollege.edu/online>. This section is for students in our First Year Experience (FYE) Athletics Program. For more information, please call Jerome Manos at 510-723-6930.

PSCN 15 COLLEGE STUDY SKILLS 2.0 Units

A review of study skill techniques for success in college. Topics include college culture and resources, time management, personal learning style, organization, note-taking and test-preparation strategies. Includes practice and evaluation of study skill techniques.

- D 22977 Lec Wed 11:00 12:50 2258 ASHRAF 08/16-12/19 GR 001
 E 22722 Lec TR 5:30 7:35 558 OSIKOMAIYA 10/17-12/12 GR E01
 O 21472 By Arr 2.0 Hrs/Wk ONLINE GREENE 08/16-12/19 GR ON1
PSCN 15-ON1 is an online course with no required on-campus meetings. For important additional information, go to <http://www.chabotcollege.edu/online>

PSCN 18 UNIVERSITY/TRANSFER PLANNING 1.0 Units

Introduction to the resources and planning process needed to ease transition from community college to a four-year college or university. Development of a transfer action plan. Preparation for major and general education requirements. Application cycles and important deadlines. Recommended for those transferring to four-year colleges or universities.

- D 21967 Lec Tue 10:30 11:40 1753 LOPEZ 08/22-11/14 OP 001

PSCN 20 THE COLLEGE EXPERIENCE 2.0 Units

Academic programs, college policies, student rights and responsibilities, graduation and transfer requirements, student services, campus resources and activities. Designed for first time, returning, and re-entry students to ease transition into college and maximize successful matriculation through college towards academic/vocational goals. **May not be taken for credit if General Studies 20 has been completed.**

- D 20128 Lec MW 10:30 11:20 3934 FIERRO 08/16-12/19 OP 001
This section (001) is a DSPS section.
 D 20695 Lec TR 2:30 3:20 TBA PHAN 08/16-12/19 OP 002
This is a DSPS section.
 D 22339 Lec TR 9:30 10:20 3924 LAI 08/16-12/19 OP CIN
This course is open to all students. This class is part of the CIN! (Change it Now!) Learning Community. CIN! is a year-long, accelerated writing and leadership program designed to empower students interested in social change, who would also like to transfer to four-year colleges and universities. Students enrolled in the program self-select various community issues to explore such as: education, health care, budget cuts, environmental issues, poverty, violence and any other issues that they find relevant to their lives. CIN students build strong relationships with each other and develop skills to become leaders in their communities. For more information including all Pathway course registration numbers, see our website www.chabotcollege.edu/CIN. CIN! Student Orientation will be held on Friday, August 25, 2017 from 10am-2pm on the Chabot campus. Attendance is required. CIN! staff will contact you in July/August with more details for the event.
 D 22723 Lec Mon 1:00 3:10 510 REED 08/28-12/19 OP DAR
This is a Daraja section.
 D 22980 Lec TR 1:00 1:50 559 AUGSBURGER 08/16-12/19 OP EOP
 D 22338 Lec Tue 1:00 2:50 802 MESSINA 08/16-12/19 OP FY5
This section is dedicated to our First Year Experience students. For pathway registration course numbers or information on the program, please visit us at www.chabotcollege.edu/FYE.

PSCN 21 STRATEGIES FOR COLLEGE SUCCESS 1.0 Units

Introduction to practical strategies for success in college. Topics include college policies, graduation and transfer requirements, and campus resources. **May not receive credit if Psychology-Counseling 20 or General Studies 20 has been completed.**

- D 21243 Lec Tue 10:30 11:20 857 GENERA 08/16-12/19 OP PU2
Link with Puente English 102 PU2
 D 21244 Lec Wed 10:30 11:20 1760 GENERA 08/16-12/19 OP PUE
Link with Puente English 102 PU1

PSCN 22 COLLEGE SUCCESS LECTURE SERIES 1.0 Units

Workshop format focusing on practical strategies for success in college. academic and/or career goal setting; transitioning and adapting to higher education; educational planning for graduation and/or transfer; support services and campus resources; majors and careers; plus other topics as student needs are identified. Designed for all students to maximize their potential with emphasis on enhancing the new student's transition into college.

- D 20390 Lec Mon 12:00 12:50 1904 GENERA 08/16-12/19 P/N PUE
Link with Puente English 102 PU1 or PU2

PSCN 23 COLLEGE READINESS 3.0 Units

An intensive course designed to assist students to identify and develop critical thinking and problem-solving skills that will facilitate their adjustment to the college environment and the successful pursuit of their educational goals. This course provides an introduction to academic skills and strategies, campus resources and activities, decision making and planning, college policies and procedures, interpersonal communications, self-exploration and goal setting, student rights and responsibilities, and campus visitation to at least one 4-year college.

- O 22464 Lec TR 9:00 10:15 555 LOPEZ 08/16-12/19 P/N 001
 O 22108 By Arr 3.0 Hrs/Wk ONLINE MANOS 08/16-12/19 P/N FY2
This section is for students in our First Year Experience (FYE) Athletics Program. For more information, please call Jerome Manos at 510-723-6930.

REAL ESTATE**REST 80 REAL ESTATE PRINCIPLES 3.0 Units**

Real and personal property acquisition, ownership, estates in real property, joint tenancies, sales contracts, homesteads, deeds and taxes. Methods of financing, and regulation of the real estate business.

- D 20864 Lec MW 9:00 10:15 1564 MUMFORD 08/16-12/19 OP 001
Computer access and computer use is required for this course.
 O 20757 By Arr 3.0 Hrs/Wk ONLINE MUMFORD 08/16-12/19 OP ON1
REST 80-ON1 is an online course, with no required on-campus meetings. For important additional information, go to <http://www.chabotcollege.edu/online>

REST 81A LEGAL ASPECTS OF REAL ESTATE 3.0 Units

California law as applied to real estate problems; origin and sources of California real estate law; contracts in general; real estate contracts; law of agency and regulation of agents; classification of property; easements; acquisition and transfer of interests of property; methods and incidents of ownership; land description; recordation. **Strongly recommended: Real Estate 80.**

- O 20347 By Arr 3.0 Hrs/Wk ONLINE MUMFORD 08/16-12/19 OP ON1
REST 81A-ON1 is an online course with no required on-campus meetings. For important additional information, go to <http://www.chabotcollege.edu/online>

REST 82A REAL ESTATE APPRAISAL 3.0 Units

Real Estate appraisals, the appraisal process, and approaches, methods, and techniques used to determine value of various types of property; current trends, neighborhood analysis, and preparing an appraisal report; emphasis on residential and single-unit property. **Strongly recommended: Real Estate 80.**

- O 20303 By Arr 3.0 Hrs/Wk ONLINE MUMFORD 08/16-12/19 GR ON1
REST 82A-ON1 is an online course with no required on-campus meetings. For important additional information, go to <http://www.chabotcollege.edu/online>

REST 83 REAL ESTATE FINANCE 3.0 Units

Financing transactions in the real estate business and in lending institutions; analysis of money markets, interest rates and real estate financing. Financing procedures, residential and commercial financing. **Strongly recommended: Real Estate 80.**

- O 20860 By Arr 3.0 Hrs/Wk ONLINE MUMFORD 08/16-12/19 OP ON1
REST 83-ON1 is an online course with no required on-campus meetings. For important additional information, read the Online Course Information page toward the end of the schedule AND go to <http://www.chabotcollege.edu/online>

REST 84 REAL ESTATE PRACTICE 3.0 Units

Principles and practical techniques of operating a real estate business. Emphasis on daily activities of brokers and salesperson; introduction to appraising, exchanges, listings, advertising, financing, and marketing. Exchanges, specialized brokerage, property management, professional and public relations. **Strongly recommended: Real Estate 80.**

O 20758 By Arr 3.0 Hrs/Wk ONLINE MUMFORD 08/16-12/19 GR ON1
REST 84-ON1 is an online course, with no required on-campus meetings. For important additional information, go to <http://www.chabotcollege.edu/online>

REST 88 RE PROPERTY MANAGEMENT 3.0 Units

Problems encountered by owners and resident managers of residential and commercial income properties; application of sound business principles in the pursuit of operational effectiveness. **Strongly recommended: Real Estate 80.**

O 21951 Lec By Arr 3.0 Hrs/Wk ONLINE MUMFORD 08/16-12/19 GR ON1
REST 88-ON1 is an online course with no required on-campus meetings. For important additional information, go to <http://www.chabotcollege.edu/online>

REST 90 EXAM PREPARATION: CA LICENSING 2.0 Units

Real and personal property acquisition, ownership, estates in real property, joint tenancies, partnerships, sales contracts, homesteads, deeds and taxes. Methods of financing, real estate practices, and regulation of the real estate business.

S 20771 Lec Sat 8:30 12:45 303 MUMFORD 10/14-12/09 OP E82
Computer access and computer use is required for this course.

RELIGIOUS STUDIES

RELS 50 RELIGIONS OF THE WORLD 3.0 Units

Introduction to the study of religion by (1) surveying the world religions, stating basic principles of each as shown by fundamental scriptures, practices and works of art, highlighting underlying patterns, OR (2) exploring themes and concepts, using the world religions as examples. Themes may include: grace, sin, enlightenment, suffering, salvation.

D 20969 Lec MW 10:30 11:45 1904 Staff - Fi 08/16-12/19 GR 001
 D 22638 Lec TR 9:00 10:15 2254 SCHERBART 08/16-12/19 GR 002
 O 20720 By Arr 3.0 Hrs/Wk ONLINE Staff - Fi 08/16-12/19 GR ON1
 O 22639 By Arr 3.0 Hrs/Wk ONLINE SCHERBART 08/16-12/19 GR ON2
RELS 50-ON1/ON2 are online courses with no required on-campus meetings. For important additional information, go to <http://www.chabotcollege.edu/online>
 O 22388 By Arr 3.0 Hrs/Wk ONLINE DINWIDDIE 08/16-12/19 GR OPN
RELS 50-OPN is an online PACE course with no required on-campus meetings. Only PACE students may enroll in this class until 7/5. From 7/6, any student may enroll in remaining open spaces. For information on the PACE Program, go to <http://www.chabotcollege.edu/PACE>

RELS 64 THE NATURE OF ISLAM 3.0 Units

Introduction to the nature of Islam as a religion or system for life, its culture and its impact on Muslim individuals and groups. Includes a brief history of Islam and Muslims in relation to the basic sources of Islam.

E 22641 Lec Wed 6:30 10:00 854 Staff - Fi 08/30-12/13 GR E71

SCIENCE TECH ENGINEERING MATH

STEM 1 INTRO TO SCI TECH ENGR MTH 2.0 Units

Introduction to basic scientific concepts taken from biology, chemistry, computer science, engineering, mathematics and physics, the role of science as a human endeavor and the power of scientific inquiry to explore the interdependence of scientific fields through project based activities. STEM education pathways and careers will be investigated. **Strongly Recommended: MTH 65**

D 22501 Lab Tue 1:00 3:50 1804 DOCKTER 08/16-12/19 GR FY3
 Lec Thu 1:00 1:50 1804 GR

This section is dedicated to our First Year Experience students. For pathway registration course numbers or information on the program, please visit us at www.chabotcollege.edu/FYE

SERVICE LEARNING

SERV 5A SERV LEARNIN FOR WRLD LANG BEG 2.0 Units

Practice of a World Language in a real setting that requires involvement with local community organizations and/or schools, approved by instructor. Introduction to practical skills and knowledge of cultural differences through volunteer field projects. Class will meet one hour per week on campus for reflection and discussion of community issues, and students will serve at least 3 hours per week in community agencies or schools. **Prerequisite: SPA 1B or SPA 1B2 or CHIN 1B or FRNC 1B or FRNC 1B2 or ITAL 1B or JAPN 1B (completed with a grade of "C" or higher).**

D 23204 Lec Mon 11:00 11:50 359 ZERMENO 08/16-12/19 OP 001

SERV 85A LEARNING IN ACTION: BEGINNING 2.0-3.0 Units

Placement in meaningful volunteer projects in community organizations or schools, approved by instructor and supervised by site supervisor. Introduction to practical skills and knowledge required to serve as effective volunteers or tutors. Discuss specific problems in the community and investigate and carry out service projects to address them. Class will meet one hour per week on campus for reflection and discussion of community issues, and students will serve at least 3 hours per week in community agencies or schools.

D 21614 Lec Wed 3:00 3:50 134 MARTINEZ 08/16-12/19 OP 001
 Lab By Arr 3.0 Hrs/Wk TBA OP

Service Learning 85A, 85B, 85C, and 85D represent 4 levels of the service-learning experience for students who wish to participate in supervised work and reflection for more than one semester. Each level of the course involves attending class on campus one hour per week at the time listed, and volunteering 3-6 hours per week in the community. Students participating for the first time begin in level A.

SERV 85B LEARNING IN ACTION: INTERMED 2.0-3.0 Units

Placement in meaningful volunteer projects in community organizations or schools. Furthering of practical skills and knowledge required to serve as effective volunteers or tutors. Discuss specific problems in the community and investigate and carry out service projects to address them. Meets one hour per week on campus for reflection and discussion, and students serve at least 3 hours per week in community agencies or schools. **Prerequisite: SERV 85A (completed with a grade of "P" or higher).**

D 21615 Lec Wed 3:00 3:50 134 MARTINEZ 08/16-12/19 OP 001
 Lab By Arr 3.0 Hrs/Wk TBA OP

Service Learning 85A, 85B, 85C, and 85D represent 4 levels of the service-learning experience for students who wish to participate in supervised work and reflection for more than one semester. Each level of the course involves attending class on campus one hour per week at the time listed, and volunteering 3-6 hours per week in the community. Students participating for the first time begin in level A.

SERV 85C LEARNING IN ACTION: ADV INTERM 2.0-3.0 Units

Placement in meaningful volunteer projects in community organizations or schools. Advanced intermediate skills and knowledge required to serve as effective volunteers or tutors. Discuss specific problems in the community and investigate and carry out service projects to address them. Meets one hour per week on campus for reflection and discussion, and students serve at least 3 hours per week in community agencies or schools. **Prerequisite: SERV 85B (completed with a grade of "P" or higher).**

D 21616 Lec Wed 3:00 3:50 134 MARTINEZ 08/16-12/19 OP 001
 Lab By Arr 3.0 Hrs/Wk TBA OP

Service Learning 85A, 85B, 85C, and 85D represent 4 levels of the service-learning experience for students who wish to participate in supervised work and reflection for more than one semester. Each level of the course involves attending class on campus one hour per week at the time listed, and volunteering 3-6 hours per week in the community. Students participating for the first time begin in level A.

SERV 85D LEARNING IN ACTION: ADVANCED 2.0-3.0 Units

Placement in meaningful volunteer projects in community organizations or schools. Advanced skills and knowledge to serve as effective volunteers or tutors. Discuss specific problems in the community and investigate and carry out service projects to address them. Meets one hour per week on campus for reflection and discussion, and students serve at least 3 hours per week in community agencies or schools. **Prerequisite: SERV 85C (completed with a grade of "P" or higher).**

D 21617 Lec Wed 3:00 3:50 134 MARTINEZ 08/16-12/19 OP 001
 Lab By Arr 3.0 Hrs/Wk TBA OP

Service Learning 85A, 85B, 85C, and 85D represent 4 levels of the service-learning experience for students who wish to participate in supervised work and reflection for more than one semester. Each level of the course involves attending class on campus one hour per week at the time listed, and volunteering 3-6 hours per week in the community. Students participating for the first time begin in level A.

FALL 2017

SIGN LANGUAGE

SL 64 ASL BEGINNING SIGN LANGUAGE 3.0 Units

Introduction to beginning communication skills through the language of sign, with emphasis on American Sign Language (ASL). Introduction to an understanding of deafness and the deaf culture. Basic sign vocabulary, the manual alphabet, and a contrast with various other sign systems used throughout the United States.

D 20089	Lec	MW	9:00 10:15	355	LOPEZ YANEZ	08/16-12/19	GR	001
D 20090	Lec	MW	10:30 11:45	854	DADZIE	08/16-12/19	GR	002
D 21439	Lec	MW	12:00 1:15	355	DADZIE	08/16-12/19	GR	003
D 20717	Lec	MW	1:30 2:45	355	LOPEZ YANEZ	08/16-12/19	GR	004
D 22253	Lec	TR	9:00 10:15	355	LOPEZ YANEZ	08/16-12/19	GR	005
D 20261	Lec	TR	10:30 11:45	355	LOPEZ YANEZ	08/16-12/19	GR	006
E 20091	Lec	Wed	6:30 9:20	355	DADZIE	08/16-12/19	GR	071

SL 65 ASL INTERMEDIATE SIGN LANGUAGE 3.0 Units

Further development of skills and knowledge learned in Beginning Sign Language 64, with emphasis on American Sign Language (ASL). Communication of vocabulary building, with emphasis on applying ASL characteristics for communication in phrases and culturally specific language. **Prerequisite: Sign Language 64 (completed with a grade of C or higher).**

D 20092	Lec	MW	10:30 11:45	355	LOPEZ YANEZ	08/16-12/19	GR	001
E 20180	Lec	Mon	6:30 9:20	355	VIALL	08/16-12/19	GR	071

SL 66 ADVANCED SIGN LANGUAGE 3.0 Units

Further development of American Sign Language (ASL) receptive/expressive skills and knowledge learned in Sign Language 65. Emphasis on conversational skills in functional situations, continued vocabulary expansion and knowledge of Deaf culture and the Deaf community. **Prerequisite: Sign Language 65 (completed with a grade of C or higher).**

D 20880	Lec	MW	10:30 11:45	355	LOPEZ YANEZ	08/16-12/19	GR	001
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SOCIOLOGY

SOCI 1 PRINCIPLES OF SOCIOLOGY 3.0 Units

Designed to illuminate the way students see their social world. Uses a sociological perspective: scientific study of human interaction and society, with emphasis on impact of groups on social behavior. Includes the systematic examination of culture, socialization, social organization, social class, race, gender, deviance, social change and empirical methodology. These content areas are woven throughout the fabric of the course, particularly as they affect the lives of at least three of the following groups: African Americans, Latino Americans, Asian Americans, Native Americans, Middle Eastern Americans and/or women.

D 22869	Lec	MW	9:00 10:15	559	ABDOUN	08/16-12/19	OP	A01
D 21273	Lec	MW	10:30 11:45	504	ABDOUN	08/16-12/19	OP	A02
D 20492	Lec	MW	12:00 1:15	504	MENDOZA	08/16-12/19	OP	A03
D 22870	Lec	MW	12:00 1:15	553	NOVELL	08/16-12/19	OP	A04
D 20489	Lec	MW	1:30 2:45	551	MENDOZA	08/16-12/19	OP	A05
D 20488	Lec	TR	7:30 8:45	558	AHMED	08/16-12/19	OP	A06
D 22102	Lec	TR	9:00 10:15	553	HARRIS	08/16-12/19	OP	A07
D 22162	Lec	TR	9:00 10:15	504	Staff - So	08/16-12/19	OP	A08
D 21962	Lec	TR	1:30 2:45	552	ABDOUN	08/16-12/19	OP	A09
D 20493	Lec	Fri	9:00 11:50	506	SAEED	08/16-12/19	OP	A10
D 23362	Lec	MWF	10:30 1:00	1706	Staff - So	10/23-12/11	OP	AE1
E 22867	Lec	Mon	5:00 7:50	558	SAEED	08/16-12/19	OP	A71
E 20494	Lec	Tue	7:00 9:50	504	SAEED	08/16-12/19	OP	A72
E 20491	Lec	Wed	6:30 9:20	506	HARRIS	08/16-12/19	OP	A73
E 22210	Lec	Thu	5:00 7:50	557	AHMED	08/16-12/19	OP	A74
O 20490	By Arr	3.6 Hrs/Wk	ONLINE	MENDOZA	08/29-12/05	OP	AN1	
O 21466	By Arr	3.6 Hrs/Wk	ONLINE	MENDOZA	08/29-12/05	OP	AN2	
O 20495	By Arr	3.6 Hrs/Wk	ONLINE	MENDOZA	08/29-12/05	OP	AN3	
O 22475	By Arr	3.6 Hrs/Wk	ONLINE	ABDOUN	08/29-12/05	OP	AN4	
O 22530	By Arr	3.6 Hrs/Wk	ONLINE	GRANT	08/29-12/05	OP	AN5	
<i>SOCI 1-AN1/AN2/AN3/AN4/AN5 are online courses with no required on-campus meetings. For important additional information, go to www.chabotcollege.edu/online</i>								
O 20499	By Arr	3.0 Hrs/Wk	ONLINE	GRANT	08/16-12/19	OP	APN	
<i>This is an online PACE Course with no required on-campus meetings. Only PACE students may enroll in this class until 7/5. From 7/6, any student may enroll in remaining open spaces. For more information on PACE Program, go to http://www.chabotcollege.edu/PACE</i>								

SOCI 2 SOCIAL PROBLEMS

3.0 Units

Introduction to social problems common to modern industrial society, and the role of principal institutions in social organization and social disorganization.

Strongly recommended: Psychology 1 or Anthropology 3.

D 20496	Lec	TR	10:30 11:45	504	MENDOZA	08/16-12/19	OP	A01
O 23071	By Arr	3.0 Hrs/Wk	ONLINE	GRANT	08/16-12/19	OP	AN1	
<i>SOCI 2-AN1 is an online course with no required on-campus meetings. For important additional information, go to http://www.chabotcollege.edu/online</i>								

SOCI 3 CULTURAL AND RACIAL MINORITIES 3.0 Units

Analysis of Racial and ethnic relations in the United States. Includes race, ethnicity, prejudice, discrimination and stereotyping, as well as theories and patterns of intergroup relations. Focus on contemporary American minorities: African Americans, Chicano/Latinos, Asian Americans, and Native Americans.

Strongly recommended: Sociology 1 or Anthropology 3 or Psychology 1.

D 20497	Lec	TR	9:00 10:15	558	AHMED	08/16-12/19	OP	A01
O 22267	By Arr	3.0 Hrs/Wk	ONLINE	TONG	08/16-12/19	OP	ANI	
<i>SOCI 3-ANI is an online course with no required on-campus meetings. For more information, please go to http://www.chabotcollege.edu/online</i>								

SOCI 4 MARRIAGE & FAMILY RELATIONS 3.0 Units

Sociological perspective of the family including mate selection, marital roles, marital adjustment, sexual adjustment, reproduction, child rearing, marital dissolution, and problems associated with the family in modern industrial society. Emphasis on methodology of family investigation.

D 22550	Lec	MW	9:00 10:15	504	EARL-NOVELL	08/16-12/19	OP	A01
O 20498	By Arr	3.0 Hrs/Wk	ONLINE	TONG	08/16-12/19	OP	AN1	
<i>SOCI 4-AN1 is an on-line course with no required on-campus meetings. For important additional information, go to http://www.chabotcollege.edu/online</i>								

SOCI 6 INTRODUCTION TO GENDER 3.0 Units

A sociological analysis of the social construction of masculinity and femininity through history and cultures. Examines the debates on sex and gender. Analyzes the impact of economic and political change on gender expectations and practices. Focuses macro analyses of how institutions shape gender and microanalyses of how individuals are socialized and how they "do" and practice gender.

D 23003	Lec	TR	10:30 11:45	559	ABDOUN	08/16-12/19	OP	A01
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SPANISH

SPA 1A BEGINNING SPANISH 5.0 Units

Introduction to the Spanish-speaking cultures of the world featuring the study and practice of the four language skills (listening, speaking, reading, and writing) of Spanish. **Strongly Recommended: Eligibility for English 1A**

D 20843	Lec	MTWR	7:45 8:50	359	ZERMENO	08/16-12/19	OP	001
	Lab	Tue	11:00 11:50	352			OP	
D 20841	Lec	MW	9:30 11:45	351	Staff-Lang	08/16-12/19	OP	002
	Lab	Wed	11:55 12:45	352			OP	
D 20869	Lec	MW	12:00 2:15	351	FRENCH-RAFA	08/16-12/19	OP	003
	Lab	Wed	2:20 3:10	352			OP	
D 21274	Lec	TR	8:55 11:10	359	ZERMENO	08/16-12/19	OP	004
	Lab	Thu	11:15 12:05	352			OP	
D 22717	Lec	TR	1:00 3:15	557	BUENO	08/16-12/19	OP	005
	Lab	Tue	3:20 4:10	352			OP	
E 20871	Lec	TR	4:30 6:45	359	WOLPE	08/16-12/19	OP	071
	Lab	Tue	6:50 7:40	352			OP	
O 20872	By Arr	6.0 Hrs/Wk	ONLINE	MOON	08/16-12/19	OP	ON1	

SPA 1A-ON1 is an online course with no on-campus meetings. Students must have an email account and Internet access by the first day of class, Wednesday, August 16 to read the announcements and see course assignments. To begin, go to <http://www.chabotcollege.edu/online> and click the course website. Contact the instructor for more information at cmoon@chabotcollege.edu

SPA 1B ELEMENTARY SPANISH 5.0 Units

Further study of Spanish-speaking cultures of the world featuring the acquisition of the four language skills (listening, speaking, reading, and writing) of Spanish begun in Spanish 1A. **Prerequisite: Spanish 1A (completed with a grade of "C" or higher).**

D 20881	Lec	MW	12:00 2:15	855	ALFONSO	08/16-12/19	OP	001
	Lab	Mon	2:20 3:10	352			OP	
O 20970	By Arr	6.0 Hrs/Wk	ONLINE	MOON	08/16-12/19	OP	ON1	
<i>SPA 1B-ON1 is an online course with no on-campus meetings. Students must have an email account Internet access by the first day of class, Wednesday, August 16, to read the announcements and see assignments. To begin, to http://www.chabotcollege.edu/online. Contact the instructor for more information at cmoon@chabotcollege.edu</i>								

SPA 2A INTERMEDIATE SPANISH 4.0 Units

Review of Grammar, reading of works of modern authors; practice in conversation and composition. **Prerequisite: Spanish 1B (completed with a grade of "C" or higher).**

D 20882	Lec	MW	9:00 10:50	359	ZERMENO	08/16-12/19	OP	001
	Lab	Wed	11:00 11:50	352			OP	
O 22573	By Arr	5.0 Hrs/Wk	ONLINE	MOON		08/16-12/19	OP	ON1

SPA 2A-ON1 is an online course with no on-campus meetings. Students must have an email account Internet access by the first day of class, Wednesday, August 16, to read the announcements and see assignments. To begin, go to <http://www.chabotcollege.edu/online> Contact the instructor for more information at cmoon@chabotcollege.edu

SPA 2B ADVANCED SPANISH 4.0 Units

Reading of Hispanic authors; advanced review of grammar; emphasis on speaking and composition. **Prerequisite: Spanish 2A (completed with a grade of "C" or higher).**

O 22575	By Arr	5.0 Hrs/Wk	ONLINE	MOON		08/16-12/19	OP	ON1
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SPA 2B-ON1 is an online course with no on-campus meetings. Students must have an email account Internet access by the first day of class, Wednesday, August 16, to read the announcements and see assignments. To begin, go to <http://www.chabotcollege.edu/online> Contact the instructor for more information at cmoon@chabotcollege.edu

THEATER ARTS

THTR 1 INTRODUCTION TO ACTING 3.0 Units

This course prepares a student to apply basic acting theory to performance and develops the skills of interpretation of drama through acting. Special attention is paid to skills for performance: memorization, stage movement, vocal production, and interpretation of text.

D 22642	Lec	MW	1:00 2:15	1328	AMAYO-HASSA	08/16-12/19	GR	002
	Lab	By Arr	1.3 Hrs/Wk	TBA			GR	
D 23286	Lec	TR	9:00 10:15	1257	HALL-CALLEN	08/16-12/19	GR	003
	Lab	By Arr	1.0 Hrs/Wk	TBA			GR	
D 20545	Lec	TR	10:30 11:45	1257	HALL-CALLEN	08/16-12/19	GR	004
	Lab	By Arr	1.0 Hrs/Wk	TBA			GR	
D 20546	Lec	MWF	8:00 10:05	1328	MORAN	08/16-10/11	GR	E01
	Lab	By Arr	2.25 Hrs/Wk	TBA			GR	
D 23346	Lec	MWF	8:00 10:10	1328	MORAN	10/16-12/12	GR	E02
	Lab	By Arr	2.2 Hrs/Wk	TBA			GR	

THTR 7 VOICE FOR THE ACTOR 3.0 Units

Development of the awareness of and access to the actors' natural voice for performance in theatrical productions. Increase emotional availability and ability to communicate text clearly through relaxation, breath control and articulation. Understand theory and philosophy of vocal techniques.

D 21201	Lec	MW	10:30 11:45	1328	Staff - Fi	08/16-12/19	GR	001
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THTR 8 AUDITION TECHNIQUE 3.0 Units

Work on monologues and showcase scenes, cold reading technique. Students with interest in pursuing acting beyond the community college setting will work on preparations to audition for theater, film and four year schools. Students will be expected to have a headshot taken at their own expense. **Prerequisite: THTR 1 (completed with a grade of "C" or higher).**

D 21208	Lec	TR	10:30 11:45	1328	HASSAN	08/16-12/19	GR	001
	Lab	Tue	12:00 12:50	1328			GR	

THTR 10 INTRODUCTION TO THEATER ARTS 3.0 Units

Focuses on the relationship of theater to various cultures throughout history, and on the contributions of significant individual artists. Introduces students to elements of the production process including playwriting, acting, directing, design, and criticism. Students will also survey different periods, styles and genres of theater through play reading, discussion, films, and viewing and critiquing live theater, including required attendance at theater productions.

D 20547	Lec	TR	10:30 11:45	1904	LE PELL	08/16-12/19	GR	001
D 22507	Lec	MW	10:30 11:45	1802	Staff - Fi	08/16-12/19	GR	002
O 22280	By Arr	3.0 Hrs/Wk	ONLINE	HASSAN		08/16-12/19	GR	ON1

THTR 10-ON1 is an online course with no required on-campus meetings. For important additional information, go to <http://www.chabotcollege.edu/online>

THTR 12 FILM AS ART & COMMUNICATION 4.0 Units

Introduction to film as art and communication. Analysis of films from various genres, with an emphasis on both technical aspects of filmmaking and story-telling.

D 22156	Lec	MW	10:00 11:50	1257	LE PELL	08/16-12/19	GR	001
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THTR 16A INTRO TO DRAMATIC WRITING 3.0 Units

Introduction to the basic concepts of dramatic writing, including playwriting, screenwriting, radio plays, and electronic media scripts. This course focuses on character development, the qualities of believability and dialogue.

Strongly Recommended: Eligibility for ENGL 1A.

D 21571	Lec	Mon	2:00 4:50	805	LE PELL	08/16-12/19	GR	001
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THTR 16B BASICS OF DRAMATIC WRITING 3.0 Units

This is a continuation of THTR 16A, with further exploration of modern dramatic writing forms. The course will focus on the completion of longer projects, including the 10-minute play and short film. Emphasis will be on dramatic tension and story-telling. **Prerequisite: THTR 16A (completed with a grade of "C" or higher) Strongly Recommended: ENGL 1A.**

D 21572	Lec	Mon	2:00 4:50	805	LE PELL	08/16-12/19	GR	001
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THTR 16C INTERMEDIATE DRAMATIC WRITING 3.0 Units

This is a continuation of THTR 16B, designed for students who wish to further develop their existing skills in dramatic writing. The emphasis of this course will be on developing longer works, with special attention to rising action and alternatives to Realism. **Prerequisite: THTR 16B (completed with a grade of "C" or higher) Strongly Recommended: ENGL 1A.**

D 21573	Lec	Mon	2:00 4:50	805	LE PELL	08/16-12/19	S	GR 001
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THTR 16D ADVANCED DRAMATIC WRITING 3.0 Units

This is a continuation of THTR 16C, providing a capstone experience for students as they explore writing in various dramatic forms. Students will focus on writing full-length pieces with emphasis on story, clarity and structure. Some plays may be submitted to regional competitions, with author permission. **Prerequisite: THTR 16C (completed with a grade of "C" or higher).**

Strongly Recommended: ENGL 1A

D 21574	Lec	Mon	2:00 4:50	805	LE PELL	08/16-12/19	GR	001
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THTR 30A INTRODUCTION TO EMERGING WORK 3.0 Units

Development of new plays for staged readings and/or productions. This class will develop and perform plays for an audience, with an emphasis on the evolution of the dramatic texts. Special projects, such as specific textural challenges, may be included.

D 21559	Lec	TR	1:00 2:15	1257	LE PELL	08/16-12/19	GR	001
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THTR 30B BASICS OF EMERGING WORK 3.0 Units

This is continuation of THTR 30A, the development of new plays and/or other special projects for production and/ or readings. This course emphasizes character study and scene breakdown. **Prerequisite: THTR 30A (completed with a grade of "C" or higher).**

D 21560	Lec	TR	1:00 2:15	1257	LE PELL	08/16-12/19	GR	001
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THTR 30C EMERGING WORK READING WKSHP 3.0 Units

This is a continuation of THTR 30B, as students further their skills in the development of new dramatic material. This course emphasizes character development and story arc, culminating in the staged reading, the reading workshop. **Prerequisite: THTR 30B (completed with a grade of "C" or higher).**

D 21561	Lec	TR	1:00 2:15	1257	LE PELL	08/16-12/19	GR	001
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THTR 30D EMERGING WORKSHOP PRODUCTION 3.0 Units

This is the capstone course of the THTR 30 track, where students continue to hone their skills in the development of new work and/or other special projects for the stage. This course will emphasize an actual staged production near the end of the term, with instruction in student directing, stage management, elemental production values of lights, sound and costumes. **Prerequisite: THTR 30C (completed with a grade of "C" or higher).**

D 21562	Lec	TR	1:00 2:15	1257	LE PELL	08/16-12/19	GR	001
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FALL 2017

THTR 47A INTRO TO COLLEGE THTR ACTING 3.0 Units

This course provides instruction and supervised participation in theater rehearsal and performance in main season production or project. Enrollment is for duration of the production. Enrollment by audition only.

D 21563 Lab MTWR 3:30 6:45 1328 MULLENNIX 08/16-12/19 GR 001
Auditions will take place during the first week of instruction.

THTR 47B COLLEGE THEATER ACTING- BASICS 3.0 Units

This is a continuation of THTR 47A, as students further their acting skills in a college production. This course emphasizes character development, along with objectives, actions and obstacles. **Prerequisite:** THTR 47A (completed with a grade of "C" or higher).

D 21564 Lab MTWR 3:30 6:45 1328 MULLENNIX 08/16-12/19 GR 001
Auditions will take place during the first week of instruction.

THTR 47C COLLEGE THTR ACTING INTERMED 3.0 Units

This is a continuation of THTR 47B for furthering a student's skill as an actor in a college production. Emphasis in this course will be on effective rehearsal techniques, generous responses, and ensemble building. **Prerequisite:** THTR 47B (completed with a grade of "C" or higher).

D 21565 Lab MTWR 3:30 6:45 1328 MULLENNIX 08/16-12/19 GR 001
Auditions will take place during the first week of instruction.

THTR 47D COLLEGE THTR ACTING - ADVANCED 3.0 Units

This is a continuation of THTR 47C, where students further developing their skills as actors in a college production. This course will emphasize the polish in performance, the evaluation of one's work and the development of a personal, creative process. **Prerequisite:** THTR 47C (completed with a grade of "C" or higher).

D 21566 Lab MTWR 3:30 6:45 1328 MULLENNIX 08/16-12/19 GR 001
Auditions will take place during the first week of instruction.

THTR 48A COLLEGE THEATER TECHNICAL:INTR 3.0 Units

Participation in scheduled productions as crew members and/or constructing its technical elements. Development of skills in the various technical areas involved in the presentation of a theatrical production.

D 22287 MTWR 1:30 3:20 1340 FLYNN 08/16-12/19 GR 001

THTR 48B COLLEGE THEATER TECH:BEGINNING 3.0 Units

This is a continuation of THTR 48A. Participation in scheduled productions as crew members and/or constructing its technical elements. Continued application of skills in the various technical areas involved in the presentation of a theatrical production learned in THTR 48A. **Prerequisite:** THTR 48A (completed with a grade of "C" or higher).

D 21567 Lab MTWR 1:30 3:20 1340 FLYNN 08/16-12/19 GR 001

THTR 48C COLLEGE THEATER TECH:INTERMED 3.0 Units

This is a continuation of THTR 48B. Participation in scheduled productions as crew members and/or constructing its technical elements. Application of skills in the various technical areas involved in the presentation of a theatrical production learned in THTR 48B. **Prerequisite:** THTR 48B (completed with a grade of "C" or higher).

D 21568 Lab MTWR 1:30 3:20 1340 FLYNN 08/16-12/19 GR 001

THTR 48D COLLEGE THEATER TECH:ADVANCED 3.0 Units

This is the capstone course in the THTR 48 track. Participation in scheduled productions as crew members and/or constructing its technical elements. Application of leadership skills in the various technical areas involved in the presentation of a theatrical production. **Prerequisite:** THTR 48C (completed with a grade of "C" or higher).

D 21570 Lab MTWR 1:30 3:20 1340 FLYNN 08/16-12/19 GR 001

TUTORING**TUTR 1A BEGIN. TUTORING THEORY & PRACT 0.5 Units**

Training for college tutors to acquire specific skills and techniques for tutoring in academic and vocational subject matter areas and basic skills. Required course for tutors participating in Chabot College Learning Connection tutoring programs.

O 20913 Lec By Arr 1.0 Hrs/Wk HYBRID WOLFORD 08/22-12/12 P/N EH1
TUTR 1A-EH1 is a hybrid course with one required on-campus meeting. This course meets face to face in Building 300, Room 355 on Tuesday, August 22 from 5:05-6:35 p.m. An additional 7 hours and 10 minutes will be completed online.

TUTR 1B INTER TUTORING THEORY&PRACT 0.5 Units

Intermediate training for college tutors to acquire specific skills and techniques for tutoring and leading study groups in academic and vocational subject matter areas and basic skills. Required course for tutors participating in Chabot College Learning Connection tutoring programs. **Prerequisite:** TUTR 1A (completed with a grade of "P")

O 21017 Lec By Arr 1.0 Hrs/Wk HYBRID WOLFORD 08/25-12/15 P/N EH1
TUTR 1B-EH1 is a hybrid course with one required on-campus meeting. This course meets face to face in Building 300, Room 355 on Friday, August 25 from 3:00-4:30 p.m. An additional 7 hours and 10 minutes will be completed online.

TUTR 1C INTER-ADV TUTORING THEORY&PRA 0.5 Units

Intermediate-advanced training for college tutors to acquire specific skills and techniques for tutoring in academic and vocational subject matter areas and basic skills. Required course for tutors participating in Chabot College Learning Connection tutoring programs. **Prerequisite:** TUTR 1B (completed with a grade of "P").

O 21668 Lec By Arr 1.0 Hrs/Wk HYBRID WOLFORD 08/25-12/15 P/N EH1
TUTR 1C-EH1 is a hybrid course with one required on-campus meeting. This course meets face to face in Building 300, Room 355 on Friday, August 25 from 3:00-4:30 p.m. An additional 7 hours and 10 minutes will be completed online.

TUTR 1D ADVAN TUTORING THEORY&PRACTICE 0.5 Units

Advanced training for college tutors to acquire specific skills and techniques for tutoring in academic and vocational subject matter areas and basic skills. Required course for tutors participating in Chabot College Learning Connection tutoring programs. **Prerequisite:** TUTR 1C (completed with a grade of "P").

O 22000 Lec By Arr 1.0 Hrs/Wk HYBRID WOLFORD 08/22-12/12 P/N EH1
TUTR 1D-EH1 is a hybrid course with one required on-campus meeting. This course meets face to face in Building 300, Room 355 on Tuesday, August 22 from 5:05-6:35 p.m. An additional 7 hours and 10 minutes will be completed online.

TUTR 2A BEG CONTENT TRAINING CHEM 0.5 Units

Beginning training for college tutors to acquire skills and techniques for tutoring in specific content areas. Required course for tutors participating in Chabot College Learning Connection tutoring programs.

D 21629 Lec Tue 1:00 2:30 3922 SAWHNEY 08/22-11/14 P/N E03
TUTR 2A-E03 meets on five Tuesdays (Aug. 22, Sept. 12, Sept. 26, Oct. 10, and Nov. 14) in room 3922, from 1:00 - 2:30 p.m.

TUTR 2A BEG CONTENT TRAINING ENGL 0.5 Units

D 21630 Lec Fri 1:00 2:30 192 TENN 08/25-11/03 P/N E04
TUTR 2A-E04 meets on five Fridays (Aug. 25, Sept. 8, Sept. 22, Oct. 13, and Nov. 3) in room 192 from 1:00 - 2:30 p.m.

TUTR 2A BEG CONTENT TRAINING WORL 0.5 Units

D 21631 Lec Wed 12:00 12:50 359 ZERMENO 08/23-12/06 P/N E05
TUTR 2A-E05 meets on nine Wednesdays (Aug. 23, Sept. 6, Sept. 20, Oct. 4, Oct. 18, Nov. 1, Nov. 15, Nov. 29, and Dec. 6) in room 359, from 12:00 - 12:50 p.m.

TUTR 2A BEG CONTENT TRAINING LIFESCI 0.5 Units

D 21632 Lec Fri 1:00 3:05 2108 LANGE 08/25-09/22 P/N E06
TUTR 2A-E06 meets on four Fridays (Aug. 25, Sept. 8, Sept. 15 and Sept. 22) in room 2108, from 1:00-3:05 p.m.

TUTR 2A BEG CONTENT TRAINING SOCSOI 0.5 Units

D 21633 Lec Fri 12:00 1:30 108 GIOVANOLA 08/25-12/08 P/N E07
TUTR 2A-E07 meets on five Fridays (Aug. 25, Sept. 22, Oct. 20, Nov. 17, and Dec. 8) in room 108, from 12:00 - 1:30 p.m.

TUTR 2A BEG CONTENT TRAINING ESL 0.5 Units

D 21634 Lec Fri 2:00 2:50 108 UCHIYAMA 08/18-12/08 P/N EX1
TUTR 2A-EX1 meets on nine Fridays (Aug. 18, Aug. 25, Sept. 1, Sept. 15, Sept. 29, Oct. 13, Oct. 27, Nov. 17, and Dec. 8) in room 108, from 2:00 - 2:50 p.m.

TUTR 2A BEG CONTENT TRAINING SOTA 0.5 Units

D 22112 Lec Tue 4:00 5:30 901 HUANG 08/29-12/05 P/N E08
TUTR 2A-E08 meets on five Tuesdays (Aug. 29, Sept. 19, Oct. 17, Nov. 14, and Dec. 5) in room 901, from 4:00 - 5:30 p.m.

TUTR 2A BEG CONTENT TRAINING BUS 0.5 Units

O 21627 Lec By Arr 1.0 Hrs/Wk HYBRID BHANGAL 08/22-12/12 P/N EH1
TUTR 2A -EH1 is a hybrid course with one required on-campus meeting. This course meets face to face in Building 400, Room 453M on August 22 from 12:00-1:30 p.m. An additional 7 hours and 10 minutes will be completed online.

CRN	Type	Day(s)	Times	Room	Instructor	Dates	Code	Sec	CRN	Type	Day(s)	Times	Room	Instructor	Dates	Code	Sec
TUTR 2A	BEG	CONTENT TRAINING MATH	0.5 Units														
D 21628	Lec	By Arr	1.0 Hrs/Wk	HYBRID	CORENO	08/25-12/15	P/N	EH2									
<p><i>TUTR 2A-EH2 is a hybrid course with one required on-campus meeting. This course meets face to face in Building 1700, Room 1705 on Friday, August 25 from 12:00-1:50 p.m. An additional 7 hours will be completed online</i></p>																	
TUTR 2B	INTER	CONTENT TRAINING CHEM	0.5 Units														
<p>Intermediate training for college tutors to acquire skills and techniques for tutoring in specific content areas. Required course for tutors participating in Chabot College Learning Connection tutoring programs. Prerequisite: TUTR 2A (completed with a grade of "P" or higher).</p>																	
D 22018	Lec	Tue	1:00 2:30	3922	SAWHNEY	08/22-11/14	P/N	E03									
<p><i>TUTR 2B-E03 meets on five Tuesdays (Aug. 22, Sept. 12, Sept. 26, Oct. 10, and Nov. 14) in room 3922, from 1:00 - 2:30 p.m.</i></p>																	
TUTR 2B	INTER	CONTENT TRAINING ENGL	0.5 Units														
D 22021	Lec	Fri	1:00 2:30	192	TENN	08/25-11/03	P/N	E04									
<p><i>TUTR 2B-E04 meets on five Fridays (Aug. 25, Sept. 8, Sept. 22, Oct. 13, and Nov. 3) in room 192 from 1:00 - 2:30 p.m.</i></p>																	
TUTR 2B	INTER	CONTENT TRAINING WORL	0.5 Units														
D 22024	Lec	Wed	12:00 12:50	359	ZERMENO	08/23-12/06	P/N	E05									
<p><i>TUTR 2B-E05 meets on nine Wednesdays (Aug. 23, Sept. 6, Sept. 20, Oct. 4, Oct. 18, Nov. 1, Nov. 15, Nov. 29, and Dec. 6) in room 359, from 12:00 - 12:50 p.m.</i></p>																	
TUTR 2B	INTER	CONTENT TRAINING LIFESCI	0.5 Units														
D 22027	Lec	Fri	1:00 3:05	2108	LANGE	08/25-09/22	P/N	E06									
<p><i>TUTR 2B-E06 meets on four Fridays (Aug. 25, Sept. 8, Sept. 15 and Sept. 22) in room 2108, from 1:00-3:05 p.m.</i></p>																	
TUTR 2B	INTER	CONTENT TRAINING SOCSCI	0.5 Units														
D 22030	Lec	Fri	12:00 1:30	108	GIOVANOLA	08/25-12/08	P/N	E07									
<p><i>TUTR 2B-E07 meets on five Fridays (Aug. 25, Sept. 22, Oct. 20, Nov. 17, and Dec. 8) in room 108, from 12:00 - 1:30 p.m.</i></p>																	
TUTR 2B	INTER	CONTENT TRAINING ESL	0.5 Units														
D 22033	Lec	Fri	2:00 2:50	108	UCHIYAMA	08/18-12/08	P/N	EX1									
<p><i>TUTR 2B-EX1 meets on nine Fridays (Aug. 18, Aug. 25, Sept. 1, Sept. 15, Sept. 29, Oct. 13, Oct. 27, Nov. 17, and Dec. 8) in room 108, from 2:00 - 2:50 p.m.</i></p>																	
TUTR 2B	INTER	CONTENT TRAINING SOTA	0.5 Units														
D 22113	Lec	Tue	4:00 5:30	901	HUANG	08/29-12/05	P/N	E08									
<p><i>TUTR 2B-E08 meets on five Tuesdays (Aug. 29, Sept. 19, Oct. 17, Nov. 14, and Dec. 5) in room 901, from 4:00 - 5:30 p.m.</i></p>																	
TUTR 2B	INTER	CONTENT TRAINING BUS	0.5 Units														
O 22012	Lec	By Arr	1.0 Hrs/Wk	HYBRID	BHANGAL	08/22-12/12	P/N	EH1									
<p><i>TUTR 2B -EH1 is a hybrid course with one required on-campus meeting. This course meets face to face in Building 400, Room 453M on August 22 from 12:00-1:30 p.m. An additional 7 hours and 10 minutes will be completed online.</i></p>																	
TUTR 2B	INTER	CONTENT TRAINING MATH	0.5 Units														
D 22015	Lec	By Arr	1.0 Hrs/Wk	HYBRID	CORENO	08/25-12/15	P/N	EH2									
<p><i>TUTR 2B-EH2 is a hybrid course with one required on-campus meeting. This course meets face to face in Building 1700, Room 1705 on Friday, August 25 from 12:00-1:50 p.m. An additional 7 hours will be completed online</i></p>																	
TUTR 2C	INT-ADV	CONTENT TRAINING CHEM	0.5 Units														
<p>Intermediate-advanced training for college tutors to acquire skills and techniques for tutoring in specific content areas. Required course for tutors participating in Chabot College Learning Connection tutoring programs. Prerequisite: TUTR 2B (completed with a grade of "P" or higher)</p>																	
D 22019	Lec	Tue	1:00 2:30	3922	SAWHNEY	08/22-11/14	P/N	E03									
<p><i>TUTR 2C-E03 meets on five Tuesdays (Aug. 22, Sept. 12, Sept. 26, Oct. 10, and Nov. 14) in room 3922, from 1:00 - 2:30 p.m.</i></p>																	
TUTR 2C	INT-ADV	CONTENT TRAINING ENGL	0.5 Units														
D 22022	Lec	Fri	1:00 2:30	192	TENN	08/25-11/03	P/N	E04									
<p><i>TUTR 2C-E04 meets on five Fridays (Aug. 25, Sept. 8, Sept. 22, Oct. 13, and Nov. 3) in room 192 from 1:00 - 2:30 p.m.</i></p>																	
TUTR 2C	INT-ADV	CONTENT TRAINING WORL	0.5 Units														
D 22025	Lec	Wed	12:00 12:50	359	ZERMENO	08/23-12/06	P/N	E05									
<p><i>TUTR 2C-E05 meets on nine Wednesdays (Aug. 23, Sept. 6, Sept. 20, Oct. 4, Oct. 18, Nov. 1, Nov. 15, Nov. 29, and Dec. 6) in room 359, from 12:00 - 12:50 p.m.</i></p>																	
TUTR 2C	INTER-ADVA	TRAINING LIFESCI	0.5 Units														
D 22028	Lec	Fri	1:00 3:05	2108	LANGE	08/25-09/22	P/N	E06									
<p><i>TUTR 2C-E06 meets on four Fridays (Aug. 25, Sept. 8, Sept. 15 and Sept. 22) in room 2108, from 1:00-3:05 p.m.</i></p>																	
TUTR 2C	INT-ADV	CONTENT TRAINING SOCSC	0.5 Units														
D 22031	Lec	Fri	12:00 1:30	108	GIOVANOLA	08/25-12/08	P/N	E07									
<p><i>TUTR 2C-E07 meets on five Fridays (Aug. 25, Sept. 22, Oct. 20, Nov. 17, and Dec. 8) in room 108, from 12:00 - 1:30 p.m.</i></p>																	
TUTR 2C	INT-ADV	CONTENT TRAINING ESL	0.5 Units														
D 22034	Lec	Fri	2:00 2:50	108	UCHIYAMA	08/18-12/08	P/N	EX1									
<p><i>TUTR 2C-EX1 meets on nine Fridays (Aug. 18, Aug. 25, Sept. 1, Sept. 15, Sept. 29, Oct. 13, Oct. 27, Nov. 17, and Dec. 8) in room 108, from 2:00 - 2:50 p.m.</i></p>																	
TUTR 2C	INT-ADV	CONTENT TRAINING SOTA	0.5 Units														
D 22114	Lec	Tue	4:00 5:30	901	HUANG	08/29-12/05	P/N	E08									
<p><i>TUTR 2C-E08 meets on five Tuesdays (Aug. 29, Sept. 19, Oct. 17, Nov. 14, and Dec. 5) in room 901, from 4:00 - 5:30 p.m.</i></p>																	
TUTR 2C	INT-ADV	CONTENT TRAINING BUS	0.5 Units														
O 22013	Lec	By Arr	1.0 Hrs/Wk	HYBRID	BHANGAL	08/22-12/12	P/N	EH1									
<p><i>TUTR 2C -EH1 is a hybrid course with one required on-campus meeting. This course meets face to face in Building 400, Room 453M on August 22 from 12:00-1:30 p.m. An additional 7 hours and 10 minutes will be completed online.</i></p>																	
TUTR 2C	INT-ADV	CONTENT TRAINING MATH	0.5 Units														
O 22016	Lec	By Arr	1.0 Hrs/Wk	HYBRID	CORENO	08/25-12/15	P/N	EH2									
<p><i>TUTR 2C-EH2 is a hybrid course with one required on-campus meeting. This course meets face to face in Building 1700, Room 1705 on Friday, August 25 from 12:00-1:50 p.m. An additional 7 hours will be completed online</i></p>																	
TUTR 2D	ADVAN	CONTENT TRAINING CHEM	0.5 Units														
<p>Advanced training for college tutors to acquire skills and techniques for tutoring in specific content areas. Required course for tutors participating in Chabot College Learning Connection tutoring programs. Prerequisite: TUTR 2C (completed with a grade of "P" or higher).</p>																	
D 22020	Lec	Tue	1:00 2:30	3922	SAWHNEY	08/22-11/14	P/N	E03									
<p><i>TUTR 2D-E03 meets on five Tuesdays (Aug. 22, Sept. 12, Sept. 26, Oct. 10, and Nov. 14) in room 3922, from 1:00 - 2:30 p.m.</i></p>																	
TUTR 2D	ADVAN	CONTENT TRAINING ENGL	0.5 Units														
D 22023	Lec	Fri	1:00 2:30	192	TENN	08/25-11/03	P/N	E04									
<p><i>TUTR 2D-E04 meets on five Fridays (Aug. 25, Sept. 8, Sept. 22, Oct. 13, and Nov. 3) in room 192 from 1:00 - 2:30 p.m.</i></p>																	
TUTR 2D	ADVAN	CONTENT TRAINING WORL	0.5 Units														
D 22026	Lec	Wed	12:00 12:50	359	ZERMENO	08/23-12/06	P/N	E05									
<p><i>TUTR 2D-E05 meets on nine Wednesdays (Aug. 23, Sept. 6, Sept. 20, Oct. 4, Oct. 18, Nov. 1, Nov. 15, Nov. 29, and Dec. 6) in room 359, from 12:00 - 12:50 p.m.</i></p>																	
TUTR 2D	ADVAN	CONTENT TRAINING LIFESCI	0.5 Units														
D 22029	Lec	Fri	1:00 3:05	2108	LANGE	08/25-09/22	P/N	E06									
<p><i>TUTR 2D-E06 meets on four Fridays (Aug. 25, Sept. 8, Sept. 15 and Sept. 22) in room 2108, from 1:00-3:05 p.m.</i></p>																	
TUTR 2D	ADVAN	CONTENT TRAINING SOCSCI	0.5 Units														
D 22032	Lec	Fri	12:00 1:30	108	GIOVANOLA	08/25-12/08	P/N	E07									
<p><i>TUTR 2D-E07 meets on five Fridays (Aug. 25, Sept. 22, Oct. 20, Nov. 17, and Dec. 8) in room 108, from 12:00 - 1:30 p.m.</i></p>																	
TUTR 2D	ADVAN	CONTENT TRAINING ESL	0.5 Units														
D 22035	Lec	Fri	2:00 2:50	108	UCHIYAMA	08/18-12/08	P/N	EX1									
<p><i>TUTR 2D-EX1 meets on nine Fridays (Aug. 18, Aug. 25, Sept. 1, Sept. 15, Sept. 29, Oct. 13, Oct. 27, Nov. 17, and Dec. 8) in room 108, from 2:00 - 2:50 p.m.</i></p>																	
TUTR 2D	ADVAN	CONTENT TRAINING SOTA	0.5 Units														
D 22115	Lec	Tue	4:00 5:30	901	HUANG	08/29-12/05	P/N	E08									
<p><i>TUTR 2D-E08 meets on five Tuesdays (Aug. 29, Sept. 19, Oct. 17, Nov. 14, and Dec. 5) in room 901, from 4:00 - 5:30 p.m.</i></p>																	
TUTR 2D	ADVAN	CONTENT TRAINING BUS	0.5 Units														
O 22014	Lec	By Arr	1.0 Hrs/Wk	HYBRID	BHANGAL	08/22-12/12	P/N	EH1									
<p><i>TUTR 2D -EH1 is a hybrid course with one required on-campus meeting. This course meets face to face in Building 400, Room 453M on August 22 from 12:00-1:30 p.m. An additional 7 hours and 10 minutes will be completed online.</i></p>																	

TUTR 2D ADVAN CONTENT TRAINING MATH 0.5 Units

O 22017 Lec By Arr 1.0 Hrs/Wk HYBRID CORENO 08/25-12/15 P/N EH2
TUTR 2D-EH2 is a hybrid course with one required on-campus meeting. This course meets face to face in Building 1700, Room 1705 on Friday, August 25 from 12:00-1:50 p.m. An additional 7 hours will be completed online

TUTR 31A BEG PEER ADV TRAIN CHABOTLINK 1.0 Units

Beginning skills, techniques, leadership training, and information needed by peer advisors to help students gather information and explore practical strategies for academic success. College policies, campus resources, programs and services, student rights and responsibilities, general educational planning (including graduation and transfer requirements), major offerings, public speaking, listening strategies. Required for all peer advisors participating in the ChabotLink Program.

E 22919 Lec Wed 6:00 6:50 807 WILLIAMS 08/16-12/19 P/N 001

TUTR 31B INTER PEERADV TRAINCHABOTLINK 1.0 Units

Intermediate skills, techniques, leadership training, and information needed by peer advisors to help students gather information and explore practical strategies for academic success. College policies, campus resources, programs and services, student rights and responsibilities, general educational planning (including graduation and transfer requirements), major offerings, public speaking, listening strategies. Required for all peer advisors participating in the ChabotLink Program. **Prerequisite: TUTR 31A (completed with a grade of "P" or higher).**

E 22920 Lec Wed 6:00 6:50 807 WILLIAMS 08/16-12/19 P/N 001

TUTR 31C INTERADV PEER ADV CHABOTLINK 1.0 Units

Intermediate-advanced skills, techniques, leadership training, and information needed by peer advisors to help students gather information and explore practical strategies for academic success. College policies, campus resources, programs and services, student rights and responsibilities, general educational planning (including graduation and transfer requirements), major offerings, public speaking, listening strategies. Required for all peer advisors participating in the ChabotLink Program. **Prerequisite: TUTR 31B (completed with a grade of "P" or higher).**

E 22947 Lec Wed 6:00 6:50 807 WILLIAMS 08/16-12/19 P/N 001

TUTR 31D ADV PEER ADV TRAIN CHABOTLINK 1.0 Units

Advanced skills, techniques, leadership training, and information needed by peer advisers to help students gather information and explore practical strategies for academic success. College policies, campus resources, programs and services, student rights and responsibilities, general educational planning (including graduation and transfer requirements), major offerings, public speaking, listening strategies. Required for all peer advisors participating in the ChabotLink Program. **Prerequisite: TUTR 31C (completed with a grade of "P" or higher).**

E 22948 Lec Wed 6:00 6:50 807 WILLIAMS 08/16-12/19 P/N 001

WELDING TECHNOLOGY

WELD 63 WELDING LAYOUT & FITTING 2.0 Units

Theoretical and practical applications of welding blueprints on welded assemblies and subassemblies. Welding power source identification and classification, welding process identification and selection, assessment of welding joint discontinuities and defects identified by the AWS standards and codes, techniques of stress and distortion control such as proper use of jigs, fixtures and holding devices, the use of welding sequences techniques to control welding distortion and the implementation of the correct methods of straightening and dimension restoration of finished products. Laboratory includes the use of the follow welding processes: SMAW, GMAW, GTAW, and FCAW and plasma and fuel cutting practice. **Strongly recommended: Welding Technology 64A, Welding Technology 65A and Industrial Technology 74.**

E 21124 Lab Mon 4:00 6:50 1416 RAVEICA 08/16-12/19 GR 071
 Lec Mon 7:00 7:50 1564 GR

WELD 64A BEG ARC/FLUX-CORE/BLEUPRINT 3.0 Units

Theory and practical application of: Shielded Metal Arc Welding (SMAW) and Flux-Core Arc Welding (FCAW) flame cutting, American Welding Society (AWS) nomenclature and codes, welding metallurgical transformations, welding discontinuities and defects, welding electrodes and wire selection, OSHA hazardous materials regulation, general shop equipment usage blueprint reading (as and maintenance, shop safety and applied in manufacturing industry).

Strongly recommended: Welding Technology 70.

D 21125 Lab Tue 8:30 10:45 1416 RAVEICA 08/16-12/19 GR 001
 Lec Tue 11:00 11:50 1564 GR
 Lab Thu 8:30 11:45 1416 GR
 E 22109 Lec Mon 6:00 6:50 1564 KENNEDY WAR 08/16-12/19 GR 071
 Lab Wed 7:00 9:50 1416 GR
 Lab Mon 7:00 9:50 1416 GR

WELD 65A BEG TIG/MIG/BLEUPRINT READING 3.0 Units

Theory and practical application of ferrous and non-ferrous metals and their alloys using GTAW (Gas Tungsten Arc Welding) and GMAW (Gas Metal Arc Welding) processes, oxyacetylene brazing, flame and plasma cutting skill development AWS (American Welding Society) codes and standards, supplies selection, introduction to blueprint reading, proper and safe use of welding equipment and hazardous material regulations. **Strongly recommended: Welding Technology 70.**

D 21126 Lab Mon 8:30 11:45 1416 RAVEICA 08/16-12/19 GR 001
 Lab Wed 8:30 10:45 1416 GR
 Lec Wed 11:00 11:50 1506 GR
 E 21127 Lec Tue 6:00 6:50 1564 PLASENCIA 08/16-12/19 GR 071
 Lab Tue 7:00 9:50 1416 GR
 Lab Thu 6:00 8:50 1416 GR

WELD 67A WELDING SKILLS LABORATORY 2.0 Units

Development and improvement practical welding skills using SMAW, FCAW, MIG, GMAW, and GRAW processes. Preparation for welding solidification in 1G, 2G and 2F positions. **Strongly recommended: Welding Technology 64A.**

D 21128 Lab Mon 8:30 11:45 1416 RAVEICA 08/16-12/19 GR 001
 Lab Wed 8:30 10:45 1416 GR
 D 21129 Lab MW 4:00 5:50 1416 RAVEICA 08/16-12/19 GR 002
 Lab MW 6:00 6:50 1416 GR
 D 21130 Lab Tue 8:30 10:45 1416 RAVEICA 08/16-12/19 GR 003
 Lab Thu 8:30 11:45 1416 GR
 E 22110 Lab MW 7:00 9:50 1416 KENNEDY WAR 08/16-12/19 GR 071
 E 21131 Lab Tue 7:00 9:50 1416 PLASENCIA 08/16-12/19 GR 072
 Lab Thu 6:00 8:50 1416 GR
 S 21132 Lab Sat 9:00 12:10 1416 RAVEICA 08/16-12/19 GR 081
 Lab Sat 1:30 4:40 1416 GR

WELD 67B ADV WELDING SKILLS LABORATORY 2.0 Units

Advanced development and improvement of practical welding skills using SMAW, FCAW, GMAW AND GTAW in the 1G, 2G 3G 4G, 1F, 2F, 3F and 4F positions. **Strongly recommended: Welding Technology 64B and Welding Technology 65B or equivalent.**

D 21133 Lab Mon 8:30 11:45 1416 RAVEICA 08/16-12/19 GR 001
 Lab Wed 8:30 10:45 1416 GR
 D 21134 Lab Tue 8:30 10:45 1416 RAVEICA 08/16-12/19 GR 002
 Lab Thu 8:30 11:45 1416 GR
 D 21135 Lab MW 4:00 6:50 1416 RAVEICA 08/16-12/19 GR 003
 E 22983 Lab MW 7:00 9:50 1416 KENNEDY WAR 08/16-12/19 GR 071
 E 22982 Lab Tue 7:00 9:50 1416 PLASENCIA 08/16-12/19 GR 072
 Lab Thu 6:00 8:50 1416 GR
 S 21136 Lab Sat 9:00 12:10 1416 RAVEICA 08/16-12/19 GR 081
 Lab Sat 1:30 4:40 1416 GR

WELD 68 CERTIFICATION PREPARATION 0.5-2.0 Units

Welding process preparation for certification exams including the theory of American Welding Society D1.1, American Society of Mechanical Engineers Section IX, American Petroleum Institute 1104, includes laboratory practice in skills needed to take these exams.

D 21137	Lab Mon	8:30 11:45	1416	RAVEICA	08/16-12/19	OP	001
	Lab Wed	8:30 10:45	1416			OP	
D 21138	Lab Mon	4:00 6:50	1416	RAVEICA	08/16-12/19	OP	002
	Lab Wed	4:00 6:50	1416			OP	
D 21139	Lab Tue	8:30 10:45	1416	RAVEICA	08/16-12/19	OP	003
	Lab Thu	8:30 11:45	1416			OP	
E 22111	Lab Mon	7:00 9:50	1416	KENNEDY WAR	08/16-12/19	OP	071
	Lab Wed	7:00 9:50	1416			OP	
E 21140	Lab Tue	7:00 9:50	1416	PLASENCIA	08/16-12/19	OP	072
	Lab Thu	6:00 8:50	1416			OP	
S 21141	Lab Sat	9:00 12:10	1416	RAVEICA	08/16-12/19	OP	081

WELD 69A FABRICATION & INSTAL PIPE SYST 3.0 Units

Theory and practical application of pipe joint preparation and design, API (American Petroleum Institute) and AWS (American Welding Society) welding codes specification for pipe and pipe fittings, analysis of joint configuration, plasma and flame cutting of pipes, wire and electrodes selections, pipe welding blue pring and welding symbols, SMAW, GMAW, and GTAW of pipe joints, non-destructive and destructive test and qualitative concepts of evaluation.

Prerequisite: Welding Technology 64B or equivalent.

S 23364	Lec Sat	12:15 1:05	1560	RAVEICA	08/16-12/19	GR	082
	Lab Sat	9:00 12:10	1416			GR	
	Lab Sat	1:30 4:40	1416			GR	

WELD 70 INTRODUCTION TO WELDING 2.0 Units

Welding industry fundamentals including introduction to SMAW, GMAW, GTAW, FCAW processes, oxyacetylene and braze welding, plasma and fuel gas cutting, general shop equipment usage, welding electricity fundamentals, shop safety, identification of welding consumables, hazardous materials regulation, introduction to blueprint reading as applied in manufacturing industry.

D 21426	Lec Thu	1:00 1:50	1564	RAVEICA	08/16-12/19	OP	001
	Lab Thu	2:00 4:50	1416			OP	
S 21142	Lec Sat	7:45 8:50	1560	RAVEICA	08/16-12/19	OP	081
	Lab Sat	9:00 12:10	1416			OP	

WELD 71 WELDING FOR ARTISTS 2.0 Units

Welding essentials and conventional shop instruction and skills that artistically disposed individuals need to attain in order to proficiently perform in the artistic creation process. Provides instruction on types of metals (aluminum, iron, steel, cast iron, bronze, stainless steel, etc.), mechanical fastenings, cutting and permanent joining together of metals and alloys through welding processes such as; SMAW, GMAW, GTAW, FCAW, oxyacetylene and braze welding, plasma and fuel gas cutting, general shop equipment usage, welding electricity fundamentals, shop safety, welding consumable identification, and hazardous materials regulation.

E 21143	Lab Mon	4:00 6:50	1416	RAVEICA	08/16-12/19	OP	071
	Lec Mon	7:00 7:50	1506			OP	
S 21144	Lec Sat	8:00 8:50	1560	RAVEICA	08/16-12/19	OP	081
	Lab Sat	9:00 12:10	1416			OP	

WORK EXPERIENCE

WEXP 95 WORK EXPERIENCE 3.0 Units

College supervised on-the-job training. Paid or volunteer work experience including an internship, in an occupation related to student's major or classes. Cooperative effort between student, supervisor, and instructor to accomplish new work objective and broaden experiences for each semester enrolled.

Corequisite: Work Experience 96. 5-15 hours or more of paid employment per week or 4-12 hours of volunteer work per week.

D 20302	By Arr	10.0 Hrs/Wk	TBA	Staff - Ap	08/16-12/19	OP	001
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WEXP 96 WORK EXPERIENCE SEMINAR 1.0 Units

Provides the focal point for the coordination of the student's curriculum with college supervised employment/ volunteering in the student's major field. Emphasis on building strong working relationships with supervisor, subordinates and co-workers. Issues pertaining to the modern workplace. **Corequisite: Work Experience 95.**

O 20011	By Arr	1.0 Hrs/Wk	ONLINE	Staff - Ap	08/16-12/19	OP	ON1
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WEXP 96-ON1 is an online course with no required on-campus meetings. For important additional information, go to <http://www.chabotcollege.edu/onlines>

SUMMARY OF OFF-CAMPUS CLASSES

CRN	Subject	Sec	Location
21623	ATHL PSGF 001	*052	LAS POSITAS GOLF COURSE
22554	NURS 52 E01	*060	LOCAL HOSPITALS
22552	NURS 51 E01	*060	LOCAL HOSPITALS
20309	NURS 60A E01	*060	LOCAL HOSPITALS
22556	NURS 53 E01	*060	LOCAL HOSPITALS
20478	NURS 55 005	*060	LOCAL HOSPITALS
20283	NURS 55 001	*060	LOCAL HOSPITALS
20284	NURS 55 002	*060	LOCAL HOSPITALS
22134	NURS 55 004	*060	LOCAL HOSPITALS
20391	NURS 55 003	*060	LOCAL HOSPITALS
22555	NURS 52 E02	*060	LOCAL HOSPITALS
22553	NURS 51 E02	*060	LOCAL HOSPITALS
20562	NURS 60A E02	*060	LOCAL HOSPITALS
22557	NURS 53 E02	*060	LOCAL HOSPITALS
20428	FT 51 E71	*081	ALAMEDA CTY FIRE DPT TRAIN CTR
21209	FT 91D E71	*081	ALAMEDA CTY FIRE DPT TRAIN CTR
22453	FT 51W E71	*081	ALAMEDA CTY FIRE DPT TRAIN CTR
20430	FT 52 E01	*081	ALAMEDA CTY FIRE DPT TRAIN CTR
20431	FT 52 H71	*081	ALAMEDA CTY FIRE DPT TRAIN CTR
20433	FT 90A E71	*081	ALAMEDA CTY FIRE DPT TRAIN CTR
20435	FT 90C E71	*081	ALAMEDA CTY FIRE DPT TRAIN CTR
20426	FT 50 H01	*081	ALAMEDA CTY FIRE DPT TRAIN CTR
20427	FT 50 E71	*081	ALAMEDA CTY FIRE DPT TRAIN CTR
20434	FT 90B E71	*081	ALAMEDA CTY FIRE DPT TRAIN CTR
20461	FT 91A E71	*081	ALAMEDA CTY FIRE DPT TRAIN CTR
21533	PEAC FUN1 011	*197	ADVANCED CIRCUIT CENTER
21739	PEAC FUN2 011	*197	ADVANCED CIRCUIT CENTER
21755	PEAC FUN3 011	*197	ADVANCED CIRCUIT CENTER
22327	PEAC FUN4 011	*197	ADVANCED CIRCUIT CENTER
21538	PEAC FUN1 074	*197	ADVANCED CIRCUIT CENTER
21744	PEAC FUN2 074	*197	ADVANCED CIRCUIT CENTER
21760	PEAC FUN3 074	*197	ADVANCED CIRCUIT CENTER
22332	PEAC FUN4 074	*197	ADVANCED CIRCUIT CENTER
21537	PEAC FUN1 073	*197	ADVANCED CIRCUIT CENTER
21743	PEAC FUN2 073	*197	ADVANCED CIRCUIT CENTER
21759	PEAC FUN3 073	*197	ADVANCED CIRCUIT CENTER
22331	PEAC FUN4 073	*197	ADVANCED CIRCUIT CENTER
21536	PEAC FUN1 072	*197	ADVANCED CIRCUIT CENTER
21742	PEAC FUN2 072	*197	ADVANCED CIRCUIT CENTER
21758	PEAC FUN3 072	*197	ADVANCED CIRCUIT CENTER
22330	PEAC FUN4 072	*197	ADVANCED CIRCUIT CENTER
21528	PEAC FUN1 006	*197	ADVANCED CIRCUIT CENTER
21734	PEAC FUN2 006	*197	ADVANCED CIRCUIT CENTER
21750	PEAC FUN3 006	*197	ADVANCED CIRCUIT CENTER
22322	PEAC FUN4 006	*197	ADVANCED CIRCUIT CENTER
21535	PEAC FUN1 071	*197	ADVANCED CIRCUIT CENTER
21741	PEAC FUN2 071	*197	ADVANCED CIRCUIT CENTER
21757	PEAC FUN3 071	*197	ADVANCED CIRCUIT CENTER
22329	PEAC FUN4 071	*197	ADVANCED CIRCUIT CENTER
21523	PEAC FUN1 001	*197	ADVANCED CIRCUIT CENTER
21729	PEAC FUN2 001	*197	ADVANCED CIRCUIT CENTER
21745	PEAC FUN3 001	*197	ADVANCED CIRCUIT CENTER
22292	PEAC FUN4 001	*197	ADVANCED CIRCUIT CENTER

FALL 2017

SPECIAL PROGRAMS & SERVICES

ASPIRE PROGRAM

www.chabotcollege.edu/specialprograms/aspire

510.723.7547 The ASPIRE Program offers low-income, first generation, and disabled students academic support: individualized academic, financial, and personal counseling; career exploration; and cultural enrichment activities. The program also offers multi-tiered academic support, including clustered courses, tutoring, and study groups.



CALWORKS PROGRAM

www.chabotcollege.edu/specialprograms/calworks

510.723.6985 The CalWORKS program offers education, job training and job placement through work study to CalWORKS/TANF county recipients. Students can fulfill their welfare to work activity hours on campus while also receiving childcare, transportation and book/school supplies. The program provides counseling, career planning and personal development workshops. Work study students can work a maximum of 20 hours/week without affecting their county assistance.



CARE PROGRAM (COOPERATIVE AGENCIES RESOURCES FOR EDUCATION)

www.chabotcollege.edu/specialprograms/eops-care

510.723.6909 CARE is an educational program and a cooperative effort between the community college system, Department of Social Services, and community organizations to assist single parents in achieving their educational goals. CARE offers counseling grants and meal tickets to CARE parents receiving cash aid with children under 14 years old.



DSPS (DISABLED STUDENTS PROGRAMS AND SERVICES)

www.chabotcollege.edu/dspr

510.723.6725 DSPS serves the needs of students with physical, communicative, psychological, and learning disabilities. The program provides academic, personal and vocational counseling, and offers courses to assist students with successful transition to and beyond college. DSPS assists with academic accommodations; use of community resources based on individual student needs; and provides student education plans, and referrals for diagnostic evaluations.



ETS PROGRAM (EDUCATIONAL TALENT SEARCH)

www.chabotcollege.edu/specialprograms/ets

510.723.7570 ETS serves young people in grades 7th through 12th in the Hayward and San Lorenzo School Districts. In addition to counseling, participants receive information about college admissions requirements, scholarships, and various student financial aid programs. More than 392,000 students are enrolled in approximately 510 Educational Talent Search TRiO programs.



EOPS (EXTENDED OPPORTUNITY PROGRAMS AND SERVICES)

www.chabotcollege.edu/specialprograms/eops-care

510.723.6909 EOPS provides access and educational opportunity for individuals whose educational and socio-economic backgrounds might otherwise prevent them from successfully attending and succeeding in college. EOPS provides individual counseling, book vouchers, workshops, and friendly support.



For more information about Special Programs, please visit our website:

www.chabotcollege.edu/specialprograms

EXCEL PROGRAM

www.chabotcollege.edu/specialprograms/excel

510.723.7547 EXCEL offers eligible students in-depth academic support, including personal counseling, transfer assistance, and career exploration with emphasis on ESL support courses.



FOSTER YOUTH SUCCESS PROGRAM

www.chabotcollege.edu/specialprograms/fysp

510.723.7682 The Foster Youth Success Program (FYSP) was created to ensure that youth transitioning from the foster care system have the help, resources, and support services they need to succeed at Chabot College.



MESA/TRiO STEM

www.chabotcollege.edu/sciencemath/mesa

The MESA/TRiO STEM Program offers low-income, first generation and disabled college students majoring in STEM academic support and opportunities for career and personal growth. The program offers Academic Excellence Workshops, guest speakers, counseling, assistance with internship opportunities and field trips. Contact Donna Gibson at dgibson@chabotcollege.edu to learn more.



PACE

www.chabotcollege.edu/pace

510.723.2626 PACE is an Adult College Education learning community. It is a degree and transfer program specifically designed for working adults. The program offers pre-selected classes, clear pathways toward certain academic goals, and instructors who teach toward adult learners. It includes General Education classes, and meets AA degree requirements as well as CSU GE transfer requirements.

PUENTE PROJECT

www.chabotcollege.edu/specialprograms/puente

510.723.7120 Puente Project is an academic, counseling, and mentoring program to help students achieve their academic and career goals. Students in Puente work closely with their counselor, English instructor, and mentor to prepare for transfer to four-year colleges and universities through the exploration of the Mexican American /Latino experience.



SYSP (SUMMER YOUTH SPORTS PROGRAM)

510.723.7676 The Summer Youth Sports Program (SYSP) provides youth from our local community an opportunity to participate in a comprehensive summer program involving sports and other educational activities, including swimming, soccer, basketball and pre-college information.

UMOJA PROGRAM

www.chabotcollege.edu/specialprograms/daraja

510.723.6747 The Umoja Program (formerly known as the Daraja Program) offers academic support services and a curriculum focused on African-American literature, history, and issues; and math. Umoja is for students who want a good education, are willing to work hard, and want to study issues facing the African-American community. Umoja students do better in school and transfer to four-year universities at a higher rate.



VETERANS SERVICES

www.chabotcollege.edu/veterans

510.723.7582 Veterans Services at Chabot College is designed to assist veterans and their dependents in reaching their educational goals. The Veterans Services Office is your liaison to the Department of Veterans Affairs to help you process the necessary educational benefits claims.



LEARNING COMMUNITIES

DISABLED STUDENTS PROGRAM AND SERVICES (DSPS)

DSPS offer students with disabilities a variety of courses in English, Math, Computer Application Systems, Psychology-Counseling and Physical Education. It also encompasses the Disabled Students Resource Center, which provides academic, personal, career and support service counseling for students with physical, communicative, psychological and learning disabilities. The program is open to all eligible students. For more information, call 510.723.6725 or visit the office (Bldg. 2400).

Below is a list of DSPS courses offered in Summer (**bold**) and Fall 2017:

SUBJECT	TITLE	UNITS	CRN
ADPE ADSF	Adapted Stretch & Flexibility	0.5 Unit	10528
ADPE ADST	Adapted Strength Training	0.5 Unit	10203
ENGL 116	Learning Skills/Diagnostic Clinic	1.0 Unit	10543
ENGL 116	Learning Skills/Diagnostic Clinic	1.0 Unit	10030
ADPE 1DSS	Adapted Stretch & Flexibility	0.5 Unit	21604
ADPE ADSF	Adapted Stretch & Flexibility	0.5 Unit	21507
ADPE ADST	Adapted Strength Training	0.5 Unit	21482
CAS 100	Adapted Computer Keyboarding	3.0 Units	20501
CAS 101	Adapted Word Processing	3.0 Units	20502
CAS 102	Intro to Assistive Technology	1.0 Unit	21118
CAS 102	Intro to Assistive Technology	2.0 Units	21119
LNSK 116	Learning Skills/Diagnostic Clinic	1.0 Unit	23270
LNSK 116	Learning Skills/Diagnostic Clinic	1.0 Unit	23271
LNSK 116	Learning Skills/Diagnostic Clinic	1.0 Unit	23272
LNSK 116	Learning Skills/Diagnostic Clinic	1.0 Unit	23273
LNSK 116	Learning Skills/Diagnostic Clinic	1.0 Unit	23274
LNSK 117	Learning Skills - Reading	4.0 Units	23275
LNSK 118A	Learning Skills: Read/Write	3.0 Units	23276
LNSK 118A	Learning Skills: Read/Write	3.0 Units	23277
LNSK 118B	Learning Skills: Read/Write	3.0 Units	23278
LNSK 119	Learning Skills: Problem Solving	3.0 Units	23279
LNSK 119	Learning Skills: Problem Solving	3.0 Units	23280
LNSK 120	Learning Skills: Study Strategy	2.0 Units	23268
LNSK 121	Learning Skills: Strategies	2.0 Units	23269
PSCN 10	Career and Education Planning	2.0 Units	20112
PSCN 20	The College Experience	2.0 Units	20128
PSCN 901	Personal Growth I	1.0 Unit	20178
PSCN 902	Personal Growth II	1.0 Unit	20179
PSCN 902	Personal Growth III	1.0 Unit	22997
PSCN 903	Personal Growth III	1.0 Unit	20504
PSCN 904	Personal Growth IV	1.0 Unit	20505

ECD CLASES EN ESPAÑOL

Chabot College ofrece cursos para obtener su certificado de Maestro Asociado en Educación de la Niñez. Materiales en inglés serán presentados gradualmente en las siguientes clases básicas:

ECD 50 Introducción a la Educación Temprana de los Niños.

ECD 51 Desarrollo Prenatal hasta la Adolescencia.

ECD 62 El Niño, la Familia y la Comunidad

ECD 63 Currículo para la Educación de la Niñez

Para registrarse y para más información enviar un correo electrónico a cc-ecds@chabotcollege.edu con su información y preguntas.

PUENTE PROJECT

The Puente Project is a two semester, accelerated writing, counseling and mentoring program with a curriculum that focuses on Mexican American/Latino history, authors and issues. It is designed for students who want to transfer to four-year colleges and universities. The program is open to all students who meet the qualifications for enrollment. Students will be required to participate in all course and program activities. The program consists of English 102, PSCN 21, and PSCN 22 in the fall semester and English 1A and PSCN 26 in the spring semester. For more information, please contact the Puente Office (Bldg. 700, 2nd floor, room 767H) or call 510.723.7044.

PACE

The PACE Program, a Degree & Transfer Program for working adults, is a learning community designed to help working adults pursue an AA degree and transfer to CSU.

PACE is designed to meet the needs of students who work 9am-5pm jobs and so require convenient evening, Saturday, and online courses. The PACE Program fulfills both AA degree requirements at Chabot, and CSU General Education transfer requirements.

PACE is a "college within a college" which helps build a sense of community among students and instructors. Students take all their General Education classes together over multiple semesters. PACE offers students support, flexibility, and networking opportunities, as well as specialized services from an academic counselor.

PACE offers clear pathways toward certain academic goals, and is an excellent destination for students starting or returning to college, who wish to pursue careers in Social Science (Psychology, Sociology, etc.), Education, or Business. Most PACE students earn an AA degree and then transfer to complete their Bachelor of Arts degree. Our primary transfer destination is CSU East Bay's PACE Program, which offers majors in Human Development, Liberal Studies, and a Business Minor/option. Other Bay Area transfer colleges include, among others, Holy Names University and St. Mary's College.

Below is a list of PACE courses offered in Summer (**bold**) and Fall 2017:

SUBJECT	TITLE	UNITS	CRN
HIS 12	History of California	3 Units	10074
HUMN 68	World Mythology	3 Units	10599
MTH 122	Math Jam	0.5 Unit	10600
SOCI 4	Marriage and Family	3 Units	10118
ANTH 1	Biological/Physical Anthropology	3 Units	20282
ARCH 14	CA Architecture & Urban Design	3 Units	21432
COMM 1	Fundamentals of Speech Comm.	3 Units	20874
ENGL 1A	Critical Reading & Composition	3 Units	20953
ENGL 7	Critical Think. & Writ. Lit.	3 Units	22044
GEOG 1	Intro. to Physical Geography	3 Units	20280
GEOG 1L	Intro. to Physical Geography Lab	1 Unit	20281
HIS 7	US History through Reconstruction	3 Units	20685
HLTH 4	Women and Health	3 Units	21239
MTH 53	Applied Algebra & Data Analysis	6 Units	21884
PSY 1	General Psychology	3 Units	20962
PSY 5	Intro. Stats. for the Behav. Sciences	4 Units	22718
PSY 33	Personal and Social Adjustment	3 Units	21431
RELS 50	Religions of the World	3 Units	22388
SOCI 1	Principles of Sociology	3 Units	20499

Applicants to the PACE program must fill out a PACE application and attend a PACE Orientation.

For more information about PACE, please visit our website at www.chabotcollege.edu/PACE or send an e-mail to pace@chabotcollege.edu. Our website includes links to the PACE Admission Criteria, PACE Application form, flyer with PACE Orientation dates and times, and PACE class information.

UMOJA PROGRAM

The Umoja Program (formerly known as the Daraja Program) is a learning community that focuses on the African American experience by exploring their history, culture, authors, and current issues. It is designed for students who want to transfer to four-year colleges and universities. The program is open to all students who meet the qualifications for enrollment. Students will be required to participate in all course and program activities. Umoja currently offers COMM 1, ENGL 102, 1A and 4, HIS 7, HIS 21, MTH 53, and PSCN 20. For more information, call 510.723.6747.

CAMPUS SAFETY AND SECURITY

MISSION STATEMENT

The Chabot College Department of Campus Safety and Security, in partnership with the Hayward Police Department, is committed to providing a safe and secure learning and work environment for all members of the campus community and guests. We recognize our role as service providers and are dedicated to delivering consistent and quality service to diverse groups of people and individuals alike.

SAFETY PROGRAMS AND MEASURES

SAFE RIDE PROGRAM

The Department of Campus Safety and Security offers escorts to the campus community to and from the parking lots for safety related issues. To arrange to have an escort accompany you from your classroom or office to your vehicle, dial 6923 from any college phone, or activate a nearby emergency call box. An escort will be dispatched by radio to meet you at your location.

ZERO TOLERANCE

Chabot College maintains a Zero Tolerance policy regarding all forms of sexual violence. If you, or anyone you know, becomes the victim of sexual assault, domestic violence, or stalking, you may seek immediate help at the Campus Safety Office. The Department of Campus Safety and Security is committed to keeping the campus community informed about patterns, trends, or incidents that pose a threat or substantial risk to our community. Such information is typically published in special crime bulletins posted at the office of the Department of Campus Safety and Security or other campus media such as the campus newspaper, The Spectator. Safety through environmental design is yet another component of effective crime prevention. Our Maintenance and Operations Department works hard at keeping the campus grounds well groomed and adequately lit during darkness. The campus grounds and parking lots are lit at nightfall until 11pm during normal days of operation. Emergency Talk A Phones and telephones are strategically located throughout the campus for your safety.

EMERGENCY TALK A PHONE

These Talk A Phones are outdoors in all the parking lots and various areas throughout the campus. **(Refer to the campus map on the back cover for Emergency Talk A Phone locations.)**

EMERGENCY CAMPUS TELEPHONES

These telephones can be found in all of our elevators and buildings. The telephones are mounted to the wall. Pick up the phone and follow the printed directions. Elevator phones will dial directly to the Campus Safety and Security Office while other phones require you dial the Campus Safety and Security extension (6923 or 6666). Please familiarize yourself with the locations of the emergency phones in the areas you travel on campus.

EMERGENCY NOTIFICATION SYSTEM

Chabot College is offering an emergency notification service for your mobile phone. In the event of an emergency, Chabot students, staff, faculty and others will be alerted in real-time to important security information. Simply text "Chabot" to 55155.

ON-DUTY OFFICER CONTACT

Off-Campus Phone: 510.723.6923

Duty Officer Phone: 510.377.0173

On-Campus Phone: 6923 or 6666 or

Activate one of the 26 emergency call boxes.

For Emergencies: Dial 911

HOURS OF OPERATION AND ACCESS TO COLLEGE FACILITIES

The college's normal hours of operation are printed on signs at every entrance to the campus. Normal hours of operation are 7 am to 10 pm Monday through Friday and 7 am to 5 pm on Saturday. There are typically special events that take place after the normal hours of operation. However, access is restricted to the special event(s). Individuals who need to be in campus buildings or areas outside the normal hours of operation may be required to obtain authorization from their supervisor and must notify the on-duty campus safety officer of their presence prior to entry. All students, faculty and staff have been issued ID cards, which they may be asked to produce if there is a question about their authorization to be in a specific area before, during, or after the normal hours of operation. Many college buildings, classrooms and labs are protected by intrusion alarms. Do not enter the area until an instructor or authorized person has deactivated the alarm. We are all responsible to ensure the safety and security of our college buildings and facilities. Ensure all doors and windows are locked when rooms are unattended. Turn off lights, gas, machinery, or equipment when not in use. Activate the intrusion alarm system if applicable. Report any problems with safety or security of our buildings, facilities, or areas promptly to the Campus Safety and Security Office.

LOST AND FOUND

A centralized Lost and Found is located in the Campus Safety Office in Room 203, Bldg. 200. Lost articles may be turned in or retrieved between the hours of 6 am and 10 pm, Monday through Friday, and 8 am to 3 pm on Saturday. Articles deposited with the Lost and Found are held until the end of each semester. After this period, unclaimed items will be disposed of.

CHABOT COLLEGE CRIME STATISTICS

In 1998, the federal government passed The Jeanne Clery Disclosure of Campus Security Policy and Campus Crime Statistics Act, formerly The Student Right to Know Act of 1990. This law requires colleges and universities receiving federal funding to disclose the reported instances of criminal activity on their campuses. The following table is an accounting of mandatory crime statistics on campus. You may contact the Hayward Police Department for crime statistics on public property adjacent to the campus at: 510.293.7272.

CRIME	2011	2012	2013	2014	2015
Murder/Non Negligent Manslaughter	0	0	0	0	0
Negligent Manslaughter	0	0	0	0	0
Sex Offenses Forcible	1	0	1	0	1
Sex Offenses Non Forcible	0	0	2	0	0
Robbery	3	5	0	0	0
Aggravated Assault	5	2	4	0	0
Burglary	5	0	3	0	1
Motor Vehicle Theft	17	6	6	2	5
Arson	0	0	0	0	0
Illegal Weapons Possession	3	0	2	0	2
Drug Law Violations	4	4	7	2	5
Liquor Law Violations	1	4	1	0	1
Hate Crime	0	0	0	0	0
Domestic Violence	-	-	0	1	0
Dating Violence	-	-	0	0	0
Stalking	-	-	0	0	0

DEPARTMENT OF SAFETY AND SECURITY

Location: Building 200, Room 203

Office Hours: 6 am to 10 pm, Monday to Friday;

8 am to 3 pm Saturday

NON-DISCRIMINATION POLICY & FERPA

NON-DISCRIMINATION POLICY

AGE

Chabot College complies with the Age Discrimination in Employment Act of 1974, which prohibits discrimination in employment on the basis of age.

DISABLED

Chabot College does not discriminate on the basis of disability in the admission or access to, or treatment or employment in, its programs or activities. The designee to coordinate compliance with non-discrimination requirements in the American with Disabilities Act: Dr. Matthew Kritscher, Vice President of Students Services, Rm. 708, 510.723.6743.

RACE, COLOR, OR NATIONAL ORIGIN

Chabot College complies with the requirements of Title VI of the Civil Rights Act of 1964 and the regulations adopted thereunder. No person shall, on the grounds of race, color, or national origin be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination under any program of the college. Chabot College also complies with Title VII of the Act, which includes nondiscrimination on the basis of religion and sex. Limited language skills are not a barrier to occupational programs and services.

SEX OR SEXUAL ORIENTATION

Chabot College does not discriminate on the basis of sex or sexual orientation in education programs or activities. Title IX of the Educational Amendments of 1972, as amended, and the administrative regulations adopted thereunder prohibit discrimination on the basis of sex in education programs and activities operated by the college. Such programs and activities include admission of students and employment.

SEXUAL HARASSMENT

Chabot College desires to maintain an academic and work environment which protects the dignity and promotes the mutual respect of all employees and students. Sexual harassment of employees or students will not be condoned. In general, deliberate verbal comments, gestures or physical contact of a sexual nature that are unsolicited and unwelcomed will be considered harassment (Title VII of the Civil Rights Act of 1964). Inquiries concerning the application of these policies to programs and activities of Chabot College may be referred to the following officers assigned the administrative responsibility of reviewing such matters:

Employee Concerns

Wyman Fong
Vice Chancellor of Human Resources
925.485.5261

Student Concerns

Valjeán Dale, LPCC, LMFT
Dean of Counseling
Rm. 755, 510.723.6717

Inquiries may also be addressed to:

San Francisco Office of Civil Rights, US Dept. of Education, 50 Beale Street, Suite 7200, San Francisco, CA 94105, 415.486.5555

DECLARACIÓN DE NO DISCRIMINACIÓN

Los Colegios Chabot y Las Positas, de acuerdo con las leyes civiles, declara que no discrimina hacia ninguna persona a base de su raza, color, nacionalidad, ascendencia, religión, creencia, sexo, edad o incapacidad, en sus programas y políticas de empleo y educación. El conocimiento limitado del idioma no limita acceso a programas y servicios ocupacionales. Cualquier pregunta sobre la aplicación de esta declaración puede dirigirse a:

Asuntos de Empleo: Wyman Fong, Vice Chancellor of Human Resources, 925.485.5261. **Asuntos de Estudiantes / Asuntos de Discriminación:** Valjean Dale, Dean of Counseling Rm. 755, 510.723.6717.

Las investigaciones se pueden también tratar en: San Francisco Office of Civil Rights, US Dept. of Education, 50 Beale Street, Suite 7200, San Francisco, CA 94105, 415.486.5555.

FERPA

The Family Educational Rights and Privacy Act (FERPA) affords students certain rights with respect to their education records. These rights are:

1. The right to inspect and review the student's education records within 45 days of the day the College receives a request for access. Students should submit to the Director of Admissions and Records, a written request that identifies the record(s) they wish to inspect. The Director will make arrangements for access and notify the student of the time and place where the records may be inspected. If the records are not maintained by the Director of Admissions and Records, they shall advise the student of the correct official to whom the request should be addressed.
2. The right to request the amendment of the student's education records that the student believes is inaccurate or misleading. Students may ask the College to amend a record that they believe is inaccurate or misleading. They should write the Director of Admissions and Records or College official responsible for the record, clearly identify the part of the record they want changed, and specify why it is inaccurate or misleading. If the College decides not to amend the record as requested by the student, the College will notify the student of the decision and advise the student of his or her right to a hearing regarding the request for amendment. Additional information regarding the hearing procedures will be provided to the student when notified of the right to a hearing.
3. The right to consent to disclosures of personally identifiable information contained in the student's education records, except to the extent that FERPA authorizes disclosure without consent. One exception, which permits disclosure without consent, is disclosure to school officials with legitimate educational interests.

A school official is defined as a person employed by Chabot-Las Positas Community College District in an administrative, supervisory, academic, or support staff position (including law enforcement unit and health staff); a person or company with whom the College or District has contracted (such as an attorney, auditor, or collection agent); a person serving on the Board of Trustees; or a person assisting another school official in performing his or her tasks.

A school official has a legitimate educational interest if the official needs to review an education record in order to fulfill his or her professional duties and responsibilities.

Upon request, the College discloses education records without consent to officials of another school in which a student seeks or intends to enroll. While the college does not provide general student directory services, it may release the following information about a student without consent: name, address, telephone number, date of birth, major field of study, photos, degrees and awards received and dates of attendance. Any student who does not wish such information to be released about him/herself shall notify Admissions and Records Office in writing, no later than 10 school days after the start of the term. Chabot College does not release student information for individual use, private business or commercial firms for use in advertising and publicity.

If a student has a concern, they have the right to file a complaint with the US Department of Education concerning alleged failures by the college to comply with the requirements of FERPA. The name and address of the office that administers FERPA is: Family Policy Compliance Office, US Department of Education, 400 Maryland Avenue SW, Washington, DC 20202-4605 (<http://www.ed.gov/policy/gen/guid/fpco/ferpa>).

For more information regarding FERPA regulations, confidentiality, and privacy of student records, visit:
www.chabotcollege.edu/admissions/ferpa.asp

CHABOT FERPA OFFICIALS

Student Records Paulette Lino Director, Admissions & Records 510.723.2934	Student Discipline Dr. Matthew Kritscher Vice President, Student Services 510.723.6743
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ASSOCIATE IN ARTS DEGREE 2017-2018

* Courses may be listed in more than one area (A - F), but shall not be counted in more than one area (A - F).

Completed (C) In-Progress (IP) Need to Complete (N)

Completed (C)	In-Progress (IP)	Need to Complete (N)
A - LANGUAGE AND RATIONALITY (Complete one course from each A1, A2, and A3.)		
A1: English Composition: English 1A (Complete with a grade of "C" or better.)		
A2: Writing and Critical Thinking: Business 10; English 4, 7; French 2A*, 2B*; German 2A*, 2B*; Italian 2A*, 2B*; Japanese 2A*, 2B; Spanish 2A*, 2B*		
A3: Communication and Analytical Thinking:		
Architecture 68 Business 14, 16 Chinese 1A*, 1B* Communication Studies 1, 2*, 10, 11*, 20, 46 Computer Application Systems 50, 92A, 92B, 92C, 92D Computer Science 8, 10, 14, 15, 19A English 70 Entrepreneurship 30 French 1A*, 1A1*, 1A2*, 1B*, 1B1*, 1B2* Geography 20*, 21*, 22* German 1A*, 1B*	History 5*, 12* Industrial Technology 74 Interior Design 68 Italian 1A*, 1B* Japanese 1A*, 1B* Mass Communications 43, 44 Mathematics 1, 2, 15, 16, 20, 31, 33, 36, 37, 40, 41, 43, 47, 53, 53A, 53B, 54, 54L, 55, 55A, 55B, 55L, 57, 65, 65B, 65L Psychology 5 Spanish 1A*, 1A1*, 1A2*, 1B*, 1B1*, 1B2* Theater 3, 7*	
B - NATURAL SCIENCE (Complete three semester units.) A lab is not a requirement, however, underlined course denotes a lab.		
Anatomy 1 Anthropology 1*, <u>1L</u> , 13 Astronomy 10, 20, <u>30</u> Biology <u>2</u> , <u>4</u> , <u>6</u> , <u>10</u> , <u>25</u> , <u>31</u> , <u>50</u> Biotechnology <u>20</u> , <u>30</u> , <u>40</u> Chemistry <u>1A</u> , <u>10</u> , <u>30A</u> , <u>30B</u> , <u>31</u> Environmental Science 10, <u>1L</u> , 12, 15, 15L Geography 1*, <u>1L</u> , 8, 13, 20*, 21*, 22*	Geological Sciences 1 Kinesiology <u>2</u> Microbiology 1 Physical Science <u>15</u> Physics <u>2A</u> , <u>3A</u> , <u>3B</u> , <u>4A</u> , <u>4B</u> , <u>4C</u> , <u>5</u> , <u>11</u> Physiology 1 Psychology 4*	
C - HUMANITIES (Complete three semester units.)		
Architecture 2A, 2B, 4A, 4B, 8A, 8B, 12, 14, 16 Art 2A, 3A, 16A, 17A, 22, 23, 24, 54, 57 Art History 1, 4, 5, 6, 7, 8, 20, 50A, 51A Chinese 1A*, 1B* Communication Studies 2*, 6 English 11A, 12A, 13A, 20, 21, 22, 24, 25, 26, 28, 31, 32, 35, 41, 45, 48 Film 14, 50, 60 French 1A*, 1A1*, 1A2*, 1B*, 1B1*, 1B2*, 2A*, 2B* General Studies 31 German 1A*, 1B*, 2A*, 2B* History 1*, 2*	Humanities 50, 60, 65, 68, 72 Interior Design 52 Italian 1A*, 1B*, 2A*, 2B* Japanese 1A*, 1B*, 2A*, 2B* Music (MUSA) 40; (MUSL) 1, 2A, 2B, 2C, 2D, 3, 4, 5, 8; (MUSP) 12, 14, 44, 45 Philosophy 50, 60, 65, 70 Photography 20, 50, 53A Religious Studies 50, 64, 65, 70, 72 Sign Language 64, 65, 66 Spanish 1A*, 1A1*, 1A2*, 1B*, 1B1*, 1B2*, 2A*, 2B*, 5 Theater Arts 1, 4, 7*, 10, 11, 12, 14, 21, 22, 47A, 48A, 50A	
D - SOCIAL & BEHAVIORAL SCIENCES (Complete three semester units.)		
Administration of Justice 45, 50, 60, 70 Anthropology 1*, 2, 3, 4, 5, 7, 8, 12 Business 12, 20, 36, 40, 42 Communication Studies 11*, 12, 50 Early Childhood Development 40, 52, 56, 62, 69, 79, 87 Economics 1, 2, 10 Entrepreneurship 1, 5 Environmental Studies 1 Ethnic Studies 1, 2, 3, 10, 21*, 22*, 25*	Geography 1*, 2, 3, 5, 10, 12, 21*, 22* Global Studies 1, 2 Health 8 History 1*, 2*, 3, 4, 5*, 7*, 8*, 12*, 19, 20*, 21*, 22*, 25*, 27* Mass Communications 40, 41 Political Science 1*, 10, 12*, 20, 25, 30, 45 Psychology 1, 2, 3, 4*, 6, 8, 12, 33, 45 Psychology-Counseling 1, 4, 13 Sociology 1, 2, 3, 4, 5, 6, 8, 10	
E - WELLNESS (Complete three semester units from E1A and one semester unit from E2. Or, complete E1B and 1 semester unit from E2.)		
E1: Areas of Health (Complete option A or B):		
A. Choose one of the following classes: Early Childhood Development 54; Fire Technology 7; Health 1, 4; Kinesiology 14, 19, 24; Nutrition 1	B. AA Degree in Nursing or Dental Hygiene	
E2: Physical Education Activity Any physical education activity course with a rubric of: ADPE; ATHL; DANC; PEAC; FT 88A, 88B, 88C, 88D Students who hold an AA/AS Degree or higher are exempt. Exemption is allowed for illness or physical disability. You must file a "Request for Course Waiver" petition, available in the Counseling Office. You will need to provide a physician's statement. See a counselor for assistance.		
F - AMERICAN INSTITUTIONS (Complete three semester units.)		
Ethnic Studies 21*, 22*, 25*; History 7*, 8*, 12*, 20*, 21*, 22*, 25*, 27*; Political Science 1*, 12*		
AMERICAN CULTURES (Complete one course from below with a grade of "C" or "P" or better.)		
Anthropology 5 Art History 7 Communication Studies 11 Early Childhood Development 79 English 26, 32 Ethnic Studies 1 History 5, 7, 8, 12, 27	Humanities 65 Music (MUSL) 8 Psychology-Counseling 1, 4, 13 Sociology 1, 3 Theater Arts 14 Note: Courses taken at LPC, even with the same course name and number, may not satisfy this requirement. See a counselor for assistance.	
MATHEMATICS PROFICIENCY (Complete option A or B below. Option B must be completed with a grade of "C" or "P" or better.)		
A. Demonstrate proficiency beyond intermediate algebra: Chabot College Math Assessment, Math Department Proficiency Test; AP Statistics or Calculus Exam (score of "3" or higher), or EAP Math (score of "Standard Exceeded").	B. Mathematics 1, 2, 15, 16, 20, 31, 33, 36, 37, 41, 43, 47, 53B, 54, 54L, 55, 55B, 55L, 57; Psychology 5	

For the AA & AS GE patterns: Every effort has been made to publish accurate information. However, course requirements are subject to change each academic year. For the most up-to-date Chabot College general education course patterns, go to: www.chabotcollege.edu/Counseling/articulation.asp

For CSU GE and IGETC patterns: Every effort has been made to publish accurate information. However, course requirements are subject to change each academic year. For the most up-to-date transfer course information, go to the ASSIST website at www.assist.org or www.chabotcollege.edu/Counseling/articulation.asp

ASSOCIATE IN SCIENCE DEGREE 2017-2018

* Courses may be listed in more than one area (A - E), but shall not be counted in more than one area (A - E).

Completed (C) In-Progress (IP) Need to Complete (N)

		Completed (C)	In-Progress (IP)	Need to Complete (N)
A - LANGUAGE AND RATIONALITY (Complete one course from A1 and A2.)				
A1: English Composition: English 1A (Complete with a grade of "C" or better.)				
A2: Communication and Analytical Thinking:				
Architecture 68	History 5*, 12*			
Business 14, 16	Industrial Technology 74			
Chinese 1A*, 1B*	Interior Design 68			
Communication Studies 1, 2*, 10, 11*, 20, 46	Italian 1A*, 1B*			
Computer Application Systems 50, 92A, 92B, 92C, 92D	Japanese 1A*, 1B*, 2A*, 2B*			
Computer Science 8, 10, 14, 15, 19A	Mass Communications 43, 44			
English 70	Mathematics 1, 2, 15, 16, 20, 31, 33, 36, 37, 40, 41, 43, 47, 53, 53A, 53B, 54, 54L, 55, 55A, 55B, 55L, 57, 65, 65B, 65L			
Entrepreneurship 30	Psychology 5			
French 1A*, 1A1*, 1A2*, 1B*, 1B1*, 1B2*	Spanish 1A*, 1A1*, 1A2*, 1B*, 1B1*, 1B2*			
Geography 20*, 21*, 22*	Theater 3, 7*			
German 1A*, 1B*				
B - NATURAL SCIENCE (Complete three semester units.) A lab is not a requirement, however, underlined course denotes a lab.				
Anatomy 1	Geological Sciences 1			
Anthropology 1*, 1L, 13	Kinesiology 2			
Astronomy 10, 20, 30	Microbiology 1			
Biology 2, 4, 6, 10, 25, 31, 50	Physical Science 15			
Biotechnology 20, 30, 40	Physics 2A, 3A, 3B, 4A, 4B, 4C, 5, 11			
Chemistry 1A, 10, 30A, 30B, 31	Physiology 1			
Environmental Science 10, 11, 12, 15, 15L	Psychology 4*			
Geography 1*, 1L, 8, 13, 20*, 21*, 22*				
C - HUMANITIES (Complete three semester units.)				
Architecture 2A, 2B, 4A, 4B, 8A, 8B, 12, 14, 16	Humanities 50, 60, 65, 68, 72			
Art 2A, 3A, 16A, 17A, 22, 23, 24, 54, 57	Interior Design 52			
Art History 1, 4, 5, 6, 7, 8, 20, 50A, 51A	Italian 1A*, 1B*, 2A*, 2B*			
Chinese 1A*, 1B*	Japanese 1A*, 1B*, 2A*, 2B*			
Communication Studies 2*, 6	Music (MUSA) 40; (MUSL) 1, 2A, 2B, 2C, 2D, 3, 4, 5, 8; (MUSP) 12, 14, 44, 45			
English 11A, 12A, 13A, 20, 21, 22, 24, 25, 26, 28, 31, 32, 35, 41, 45, 48	Philosophy 50, 60, 65, 70			
Film 14, 50, 60	Photography 20, 50, 53A			
French 1A*, 1A1*, 1A2*, 1B*, 1B1*, 1B2*, 2A*, 2B*	Religious Studies 50, 64, 65, 70, 72			
General Studies 31	Sign Language 64, 65, 66			
German 1A*, 1B*, 2A*, 2B*	Spanish 1A*, 1A1*, 1A2*, 1B*, 1B1*, 1B2*, 2A*, 2B*, 5			
History 1*, 2*	Theater Arts 1, 4, 7*, 10, 11, 12, 14, 21, 22, 47A, 48A, 50A			
D - SOCIAL & BEHAVIORAL SCIENCES (Complete three semester units.)				
Administration of Justice 45, 50, 60, 70	Geography 1*, 2, 3, 5, 10, 12, 21*, 22*			
Anthropology 1*, 2, 3, 4, 5, 7, 8, 12	Global Studies 1, 2			
Business 12, 20, 36, 40, 42	Health 8			
Communication Studies 11*, 12, 50	History 1*, 2*, 3, 4, 5*, 7*, 8*, 12*, 19, 20*, 21*, 22*, 25*, 27*			
Early Childhood Development 40, 52, 56, 62, 69, 79, 87	Mass Communications 40, 41			
Economics 1, 2, 10	Political Science 1*, 10, 12*, 20, 25, 30, 45			
Entrepreneurship 1, 5	Psychology 1, 2, 3, 4*, 6, 8, 12, 33, 45			
Environmental Studies 1	Psychology-Counseling 1, 4, 13			
Ethnic Studies 1, 2, 3, 10, 21*, 22*, 25*	Sociology 1, 2, 3, 4, 5, 6, 8, 10			
E - WELLNESS (Complete one course from E1 or one unit from E2.)				
E1: Areas of Health (Complete option A or B):				
A. Choose one of the following classes:		B. AA Degree in Nursing or Dental Hygiene		
Early Childhood Development 54; Fire Technology 7; Health 1, 4; Kinesiology 14, 19, 24; Nutrition 1				
E2: Physical Education Activity				
Any physical education activity course with a rubric of: ADPE; ATHL; DANC; PEAC; FT 88A, 88B, 88C, 88D Students who hold an AA/AS Degree or higher are exempt. Exemption is allowed for illness or physical disability. You must file a "Request for Course Waiver" petition, available in the Counseling Office. You will need to provide a physician's statement. See a counselor for assistance.				
F - PROGRAM-BASED GENERAL EDUCATION REQUIREMENT (Complete one course as determined under the specific AS degree.)				
For the program-based selections for specific AS degrees, see each AS degree program page in the catalog.				
AMERICAN CULTURES (Complete one course from below with a grade of "C" or "P" or better.)				
Anthropology 5	Humanities 65			
Art History 7	Music (MUSL) 8			
Communication Studies 11	Psychology-Counseling 1, 4, 13			
Early Childhood Development 79	Sociology 1, 3			
English 26, 32	Theater Arts 14			
Ethnic Studies 1				
History 5, 7, 8, 12, 27	Note: Courses taken at LPC, even with the same course name and number, may not satisfy this requirement. See a counselor for assistance.			
MATHEMATICS PROFICIENCY (Complete option A or B below. Option B must be completed with a grade of "C" or "P" or better.)				
A. Demonstrate proficiency beyond intermediate algebra: Chabot College Math Assessment, Math Department Proficiency Test; AP Statistics or Calculus Exam (score of "3" or higher), or EAP Math (score of "Standard Exceeded").		B. Mathematics 1, 2, 15, 16, 20, 31, 33, 36, 37, 41, 43, 47, 53B, 54, 54L, 55, 55B, 55L, 57; Psychology 5		

For the AA & AS GE patterns: Every effort has been made to publish accurate information. However, course requirements are subject to change each academic year. For the most up-to-date Chabot College general education course patterns, go to: www.chabotcollege.edu/Counseling/articulation.asp

For CSU GE and IGETC patterns: Every effort has been made to publish accurate information. However, course requirements are subject to change each academic year. For the most up-to-date transfer course information, go to the ASSIST website at www.assist.org or www.chabotcollege.edu/Counseling/articulation.asp

FINAL EXAM SCHEDULE - FALL 2017

ALL SECTIONS: Grades to be filed no later than Tuesday, January 2, 2018 by 11:00 pm via CLASS-Web.

The start time and meeting days determine placement of the class in Group I or II. In determining the examination time for lecture-laboratory and lecture-discussion courses, the lecture period determines the time. If the instructors involved desire to give final laboratory or discussion section examinations, the examination should be given during the last such class meeting of the semester, or the two hour examination period may be prorated between lecture and laboratory or discussion section finals. Lecture examinations must be given at the time indicated in the schedule, and for a two hour period.

No changes or early class finals are permitted in the final examination schedule without approval. Students should contact the Vice President of Academic Services on problems involving the class schedule for final examinations.

NOTE: Final Exam Schedule for **full-term classes only**. Students taking short-term classes will be given their final exams on the last day of class. Consult with your faculty member for details.

DAY CLASSES

Day Classes (classes meeting before 4:30 pm) include the following combinations in the class schedule:

GROUP I: MW classes; also MTWR, MWF, MTWF, MWRF, MTRF, MT, MR, MF, WF, M only, W only, & Daily classes

GROUP II: TR classes; also TRF, TW, TWR, TF, RF, WR, MTR, TWRF, and T only classes

GROUP III: Classes scheduled "by arrangement" and R only and F only classes

NOTE: R = Thursday

EXAMINATION TIME	WEDNESDAY DECEMBER 13	THURSDAY DECEMBER 14	FRIDAY DECEMBER 15	MONDAY DECEMBER 18	TUESDAY DECEMBER 19
7:30-9:20 am	GROUP I – 7, 7:30, 7:45, 7:50 am classes		GROUP II – 7:30, 7:45 am classes		Group III – 7:30, 7:45 am classes
8:00-9:50 am		GROUP II – 9, 9:30, 9:45 am classes	Group II 8, 8:30 am classes	Group I 8, 8:30 am classes	Group III 8, 9 am classes
10:00-11:50 am	GROUP I – 10, 10:30, 10:40 am classes	Group I 11, 11:30 am classes	GROUP II – 10, 10:30 am classes	GROUP I – 9, 9:30, 9:45 am classes	Group III – 9:45, 10, 10:45, 11 am classes
12:00-1:50 pm	GROUP I – 1, 1:15, 1:30, 1:45 pm classes	GROUP II – 1, 1:15, 1:30 pm classes	Group II – 11, 11:30 am, and 12 pm classes	GROUP I – 12, 12:30, and 12:45 pm classes	Group III – 11:30 am, 12, 1 pm classes
2:00-3:50 pm	Group I 2, 2:30 pm classes	Group II 2, 2:30 pm classes	Group II 3, 3:30 pm classes	Group I 3, 3:30 pm classes	Group III – 2, 3, 4 pm classes

(Common block times in **BLUE**.)

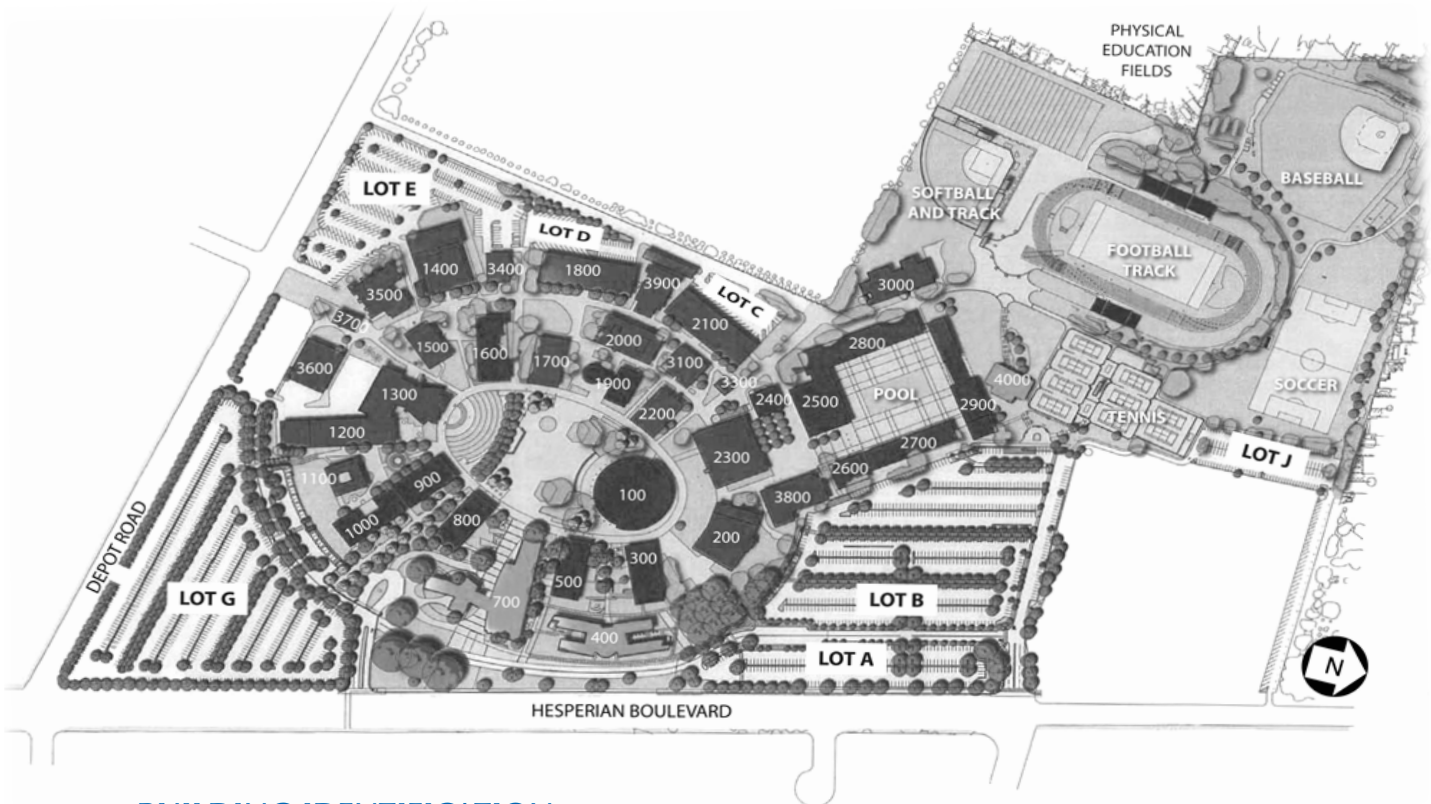
LATE AFTERNOON, EVENING AND SATURDAY CLASSES

SCHEDULED CLASS MEETING DAYS	TUESDAY DECEMBER 12	WEDNESDAY DECEMBER 13	THURSDAY DECEMBER 14	SATURDAY DECEMBER 16	MONDAY DECEMBER 18
Tuesdays only classes	Final Exam Day*				
Mon/Wed & Wed. only classes		Final Exam Day*			
Tues/Thur & Thursday only classes			Final Exam Day*		
Saturday only classes				Final Exam Day*	
Monday only classes					Final Exam Day*

* Meet at the REGULAR MEETING ROOMS AND TIMES. Final examinations should be scheduled for TWO HOURS.

CAMPUS MAP

25555 Hesperian Blvd., Hayward, CA 94545



BUILDING IDENTIFICATION

100	Library; WRAC Center; TV/Radio Stations	2900	Physical Education Classrooms
200	Administration; Campus Safety and Security	3000	Maintenance Building and Warehouse
300	Language Arts Classrooms	3100	Health Sciences Classrooms
400	Instructional Office Building	3400	BMW Automotive Facility
500	Social Sciences Classrooms	3500	Children's Center
700	Community & Student Services Center (Admissions & Records; Assessment; Counseling; Financial Aid; Online Services; Special Programs; Student Services)	3700	Children's Center
800	Classrooms shared by various divisions	3800	Bookstore
900	Humanities Classrooms	3900	Chemistry/Computer Science Classrooms
1000	Arts, Media & Communication Classrooms	4000	Fitness Center
1100	Humanities Faculty Offices		
1200	Music Skills Center; Stage One Theater		
1300	Performing Arts Center		
1400	Technology Center		
1500	Applied Technology Faculty Offices; Classrooms		
1600	Applied Technology and Business Classrooms		
1700	Mathematics; Physics		
1800	Classrooms		
1900	Science Lecture Halls; Planetarium		
2000	Science and Mathematics Faculty Offices		
2100	Biological Sciences Classrooms		
2200	Health Sciences/Dental Health		
2300	Cafeteria; Student Health Center; Student Life; Student Senate Veterans Resource Center		
2400	Disabled Students Resource Center		
2500	Gymnasium		
2600	Physical Education Faculty Offices; Classrooms		
2700	Women's Shower and Locker Rooms; Classrooms		
2800	Men's Shower and Locker Rooms		

EMERGENCY TALK A PHONE LOCATIONS

- › Parking Lot J
- › Parking Lot B Section B1, B4, B6, B15
- › Parking Lot A Section A2, A8 near Campus Drive
- › Parking Lot D Near Building 3900
- › Parking Lot E Near Building 3400
Behind the Building 1400
Behind the Building 3500
- › Parking Lot G Section G1, G2, G8, G15
- › Parking Lot H Section H1
- › Building 1400 Between Building 1600
- › Building 1800 Between Building 2000
- › Building 1900 Between Building 2200
- › Building 2300 Walkway by Building 100
- › Building 2100 Walkway facing 2400
- › Building 2500 Walkway next to Bookstore
- › Building 100 Walkway next to Building 500
- › Building 2700 On the Swimming Pool upper deck
- › Softball Field Snack Bar Wall
- › Soccer/Tennis Court Storage on Athletic pathway

SSSP ACADEMIC EXPECTATIONS

Community colleges are required to place students on probation who, after attempting at least 12 semester units, either have a grade point average below 2.0 or receive a "withdrawal," "incomplete," or "no pass" mark on 50 percent or more of total attempted units. Students who are placed on probation for two consecutive semesters lose their priority registration status.

Effective Fall 2016, students will also lose their **BOG fee waiver** if they have been on college probation for two consecutive semesters. Those students who lose their fee waiver can regain eligibility when they are no longer on probation. To appeal loss of BOG fee waiver, please visit Counseling Division to complete Loss of BOG Fee Waiver Appeal Petition.



**BE PART OF THE
*FUTURE!***

Don't forget to register to graduate
by going to Admissions and Records:
www.chabotcollege.edu/Admissions



**Associate Degree
for Transfer**
A Degree with a Guarantee.SM

The Associate Degree for Transfer (AA-T or AS-T) is a special degree offered at California Community Colleges. The curriculum for an AA-T or AS-T differs from traditional AA or AS degrees in that the AA-T or AS-T courses align to similar academic majors and curriculum at a California State University campus. That is, courses required for an AA-T in English are likely the same courses required for an English major at a CSU campus.

Completing an AA-T or AS-T in your major results in:

- Guaranteed admission to one of the 23 CSU campuses.
- Priority consideration for transfer admission to some of the more competitive or impacted majors and/or campuses in the CSU system.
- Completion of your bachelor's degree at the CSU in 60 semester units

Contact Transfer Counselor/Instructor Frances Fon at ffon@chabotcollege.edu



CHABOT COLLEGE

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www.chabotcollege.edu

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RESIDENTIAL CUSTOMER

NEW STUDENT WELCOME DAYS

Thursday, June 8th ♦ Thursday, July 13th ♦ Thursday, August 3rd

- 4:00 – 5:00 p.m. Student Services Workshops
- 5:00 – 6:00 p.m. Instructional Program Workshops
- 6:00 – 7:00 p.m. Party in the Plaza BBQ



REGISTER TODAY!

www.chabotcollege.edu/welcome2017



2017 SUMMER SESSIONS

- 1ST 5-WEEK SESSION ♦ May 30 – July 3
- 8-WEEK SESSION ♦ June 12 – August 3
- 6-WEEK SESSION ♦ June 19 – July 27
- 2ND 5-WEEK SESSION ♦ July 5 – August 3