“Learning is a treasure that will follow its owner everywhere.”

~ Chinese proverb

Message from Chabot College’s President

On behalf of Chabot College, welcome to our 2014-2015 academic year. We are entering our 53rd year of providing exemplary education to our communities and celebrating the 50th anniversary of our campus at its present Hayward site. Chabot prioritizes excellence: we place in the top one-third of community colleges statewide in transferring students to CSUs and UCs, as well as many private universities. Our highly-regarded career-technical and allied health professional programs provide Chabot students with the skills needed to enter the workforce upon graduation. Our extra-curricular activities, including our excellent Athletics program, exemplify our commitment to nurturing the “whole person.” Your professors and counselors at Chabot, as well as our talented support staff, are here to help you build your future through education. If you are not already a Chabot student, I encourage you to stop by our campus and register for classes, a decision that will change your future. If you are a new or continuing student, I look forward to meeting you as we work together to continue our College’s history of excellence.

I wish you great success and continuing aspiration in our Summer and Fall Semesters!

Susan Sperling, Ph.D.
Chabot College President

Chabot - Las Positas Community College District Board of Trustees

Hal G. Gin, Ed.D. President
Marshall Mitzman, Ph.D. Secretary

Arnulfo Cedillo, Ed.D.
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Barbara F. Mertes, Ph.D.
Carlo Vecchiarelli

Jannett N. Jackson, Ph.D. Chancellor
Susan Sperling, Ph.D. President, Chabot College
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 the college catalog.

**Student Conduct and Due Process Policy**

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.
REGISTRATION DATES

<table>
<thead>
<tr>
<th>STATE MANDATED - Veterans, Foster Youth, EOPS, DSPS Cal Works</th>
<th>COMPLETE</th>
<th>INCOMPLETE</th>
</tr>
</thead>
<tbody>
<tr>
<td>COLLEGE PRIORITY – Athletes, TRIO/Excel, TRIO/Aspire</td>
<td>April 23</td>
<td>May 14</td>
</tr>
<tr>
<td>CONTINUING (by priority)</td>
<td>April 25</td>
<td>May 15</td>
</tr>
<tr>
<td>EARLY DECISION</td>
<td>May 3</td>
<td>June 2</td>
</tr>
<tr>
<td>NEW</td>
<td>May 12</td>
<td>June 2</td>
</tr>
<tr>
<td>RETURNING (former)</td>
<td>May 13</td>
<td>June 2</td>
</tr>
<tr>
<td>PROBATION</td>
<td>May 23</td>
<td></td>
</tr>
<tr>
<td>100+ DEGREE UNITS</td>
<td>May 27</td>
<td></td>
</tr>
<tr>
<td>OPEN ENROLLMENT</td>
<td>June 2</td>
<td></td>
</tr>
<tr>
<td>CONCURRENT ENROLLMENT (Summer)</td>
<td>June 9</td>
<td></td>
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<tr>
<td>CONCURRENT ENROLLMENT (Fall)</td>
<td>August 9</td>
<td></td>
</tr>
</tbody>
</table>

SUMMER 2014 CALENDAR

- June 16 – August 7 ....................................................... 8-week session
- June 23 – July 31 ........................................................... 6-week session
- July 4 ............................................................................. HOLIDAY – Independence Day
- August 11 ................................................................. Instructors: Summer 2014 Grades DUE via Class-Web

FALL 2014 CALENDAR

- August 18 ....................................................................Fall 2014 Instruction begins
- August 23 ....................................................................... Saturday classes begins
- August 29 ....................................................................... Last day to ADD/DROP with No-Grade-of-Record (NGR)
  - In-person (FULL-TERM classes ONLY)                      |
  - Online (FULL-TERM classes ONLY)                        |
- August 30 ................................................................... No Saturday classes
- September 1 ................................................................... Last day to ADD/DROP with No-Grade-of-Record (NGR)
  - In-person and online (FULL-TERM classes ONLY)          |
- September 1 ................................................................... HOLIDAY – Labor Day
- September 2 ................................................................... Census Day (FULL-TERM classes ONLY)
- September 12 .............................................................. Pass / No Pass deadline (FULL-TERM classes ONLY)
- October 29 ................................................................. Last day to apply for Degree / Certificate
- November 7 ................................................................... Last day to withdraw with “W”
  - In-person and online (FULL-TERM classes ONLY)          |
- November 8 ................................................................... Saturday classes meet
- November 10 ............................................................... HOLIDAY – Veterans Day
- November 26 - 29 ......................................................... HOLIDAY – Thanksgiving
- November 29 ................................................................... No Saturday classes
- December 6 ................................................................... Last day of instruction for Saturday classes
- December 12 ................................................................... Last day of instruction – all classes
- December 13 - 19 ........................................................... Final Examination Period (see inside back cover)
- December 24 – January 1, 2015 ........................................ Winter recess (no instruction)
- January 3, 2015 ............................................................. Instructors: Fall 2014 Grades DUE via Class-Web

PAY FEES BY

JUNE 18 (if registered before June 4) or
JULY 31 (if registered between June 5 and July 17)

OR YOUR CLASSES WILL BE DROPPED
ACADEMIC DIVISIONS

Applied Technology & Business ........................................ 510.723.6653
Language Arts ..................................................................... 510.723.6804
Health, PE, & Athletics .................................................... 510.723.7484
School of the Arts .............................................................. 510.723.6829
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

STUDENT SERVICES

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

AND COLLEGE PROGRAMS

Admissions and Records Office ......................................... 510.723.6700
Building 700 1st Floor — www.chabotcollege.edu/admissions

Assessment Center ............................................................ 510.723.6722
Room 714A — www.chabotcollege.edu/counseling/assessment

Bookstore ........................................................................ 510.723.2650
Building 3800 — www.chabot.blkstr.com

Career and Transfer Center ............................................... 510.723.6720
Room 761 — www.chabotcollege.edu/Counseling/TECS

Children’s Center ............................................................. 510.723.6684
Building 3500 — www.chabotcollege.edu/childrenscenter

Counseling ........................................................................ 510.723.7013
Room 752 — www.chabotcollege.edu/counseling

Daraja Program ................................................................. 510.723.6747
Room 767H — www.chabotcollege.edu/daraja

Dental Health Programs Clinic ........................................... 510.723.6900
Room 2200 — www.chabotcollege.edu/dhyg

Disabled Students Resource Center (DSRC) ....................... 510.723.6725
Building 2400 — www.chabotcollege.edu/dsrc

Extended Opportunity Programs & Services (EOPS) ........... 510.723.6909
Room 767L — www.chabotcollege.edu/specialprograms/eops

Financial Aid Office ........................................................... 510.723.6748
Building 700 1st Floor — www.chabotcollege.edu/finaid

International Students ...................................................... 510.723.6715
Room 706 — www.chabotcollege.edu/international

KCTH-27 ........................................................................... 510.723.7604
www.chabotcollege.edu/tv

KCRH-FM ......................................................................... 510.723.6954
www.chabotcollege.edu/KCRH

Language Center (ESL support) ......................................... 510.723.6764
Building 100 2nd floor — www.chabotcollege.edu/library

Library .............................................................................. 510.723.6764
Building 100 2nd floor — www.chabotcollege.edu/library

Online Services/Photo ID .................................................... 510.723.6770
Room 709 — www.chabotcollege.edu/StudentLife/photoid.asp

PACE Program ................................................................. 510.723.2626
www.chabotcollege.edu/PACE

Performing Arts Center .................................................... 510.723.6976
Building 1300 — www.chabotcollege.edu/PAC

Puente Program ............................................................... 510.723.7120
www.chabotcollege.edu/puente

Registered Nursing Program ............................................. 510.723.7677
www.chabotcollege.edu/nurs

Spectator Newspaper .......................................................... 510.723.7676
www.chabotcollege.edu/TECS

Student Health Center ....................................................... 510.723.7625
Room 120 — www.chabotcollege.edu/healthcenter

Student Life, Associated Students of Chabot College .......... 510.723.6914
Room 2355 — www.chabotcollege.edu/studentlife

Transfer Employment Center Services (TECS) .................. 510.723.6720
www.chabotcollege.edu/counseling/TECS

Tutoring - Learning Connection ......................................... 510.723.6720
www.chabotcollege.edu/counseling/TECS

Vanguard Program ................................................................ 510.723.6747
www.chabotcollege.edu/vanguard

Veterans Services ............................................................ 510.723.6910
Room 703E — www.chabotcollege.edu/veterans

Vice President, Student Services ......................................... 510.723.6743
Room 708 — www.chabotcollege.edu/studentlife

AlertU

GET EMERGENCY TEXT ALERTS ON YOUR CELL PHONE

Sign up is SIMPLE: Text Chabot to 253788. Reply Y.

Alerts are sent only in case of Chabot emergency. Only Chabot officials will send texts.
You must sign up to get alerts. No spam. Your information will not be shared with third parties.
Service is free, but text message rates apply. Used by many colleges. Friends and family can sign up, too. Opt out at any time. Learn more at
http://www.chabotcollege.edu/safety/alertU.asp

Proud of Our Campus Safety

Chabot College • Summer/Fall 2014 Class Schedule 3 510.723.6600 • www.chabotcollege.edu
New to Chabot?

Our FYE Community is designed to help incoming students maximize their first year of college by getting comfortable on campus, connecting with new friends, and thinking of Chabot as home. Students in FYE get to explore their own interests and make friends while they work towards their degree.

BENEFITS
- Reserved sections of hard-to-get UC/CSU courses needed to transfer more quickly.
- Counselors to help you stay on track.
- Access to faculty in your area of interest.
- Career exploration and interactive activities.
- Access to BUS, STEM, Undecided, Social Justice, Daraja, and Athletics pathways.
- Experienced Chabot students to provide go-to answers to questions and support.
- Individual and/or group tutoring in Math and English if desired.

REQUIREMENTS
- Test into Math 53 or Math 55.
- Register to be a full time student (12+ units) including reserved Math, English, and Passion & Purpose GNST/PSCN courses in your interest area.

For more information visit us at http://www.chabotcollege.edu/Counseling/TECS/FYE.asp or email Deonne Kunkel at dkunkel@chabotcollege.edu. Space is limited to the first 180 students who apply.

To receive more information and details on how to register, complete the form below and turn it in to a counselor at the Counseling Front Desk upstairs in Bldg. 700 OR at your Student Education Planning session (PSCN 25). You will then receive a confirmation email with information on how and when to register.

NAME ____________________________________ STUDENT ID # __________________
EMAIL ____________________________________

Please provide an email address you regularly check.

CIRCLE AN AREA OF POTENTIAL INTEREST:
Business    Science, Technology, Engineering, Math (STEM)    Athletics
Social Justice    African American Themes    Undecided

We’re here to get you connected!
GETTING STARTED

GET OUT OF THE LINE, GO ONLINE! WWW.CHABOTCOLLEGE.EDU

1 APPLY FOR ADMISSION ONLINE
Apply online at www.chabotcollege.edu.

2 LOG INTO CLASS-WEB & OBTAIN YOUR STUDENT ID NUMBER
All admitted students are assigned a unique student identification number (W number). This number will be sent to you via email. If you have not received this email within two business days after submitting your online application for admission, you may also obtain your student ID number by logging into CLASS-Web:
- Go to www.chabotcollege.edu.
- Click on the CLASS-Web icon.
- User ID: Your social security number
  PIN: Your birthdate in numerical format: MMDDYY
  Note: If you did not provide a social security number with your application for admission, you may obtain your W number by visiting the Admissions and Records Office (photo ID required).
- Log in and click the What is my W ID? link.
- If your PIN has been disabled, go to the Admissions and Records Office (photo ID required) or send email to: ccarcom@chabotcollege.edu

3 ACCESS YOUR STUDENT ZONEEMAIL
All admitted students are given a student email account through The Zone web portal. All messages from the college are sent to this account.
- Go to www.chabotcollege.edu.
- Click on The Zone icon.
- User ID: Your W number.
  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).

4 SUBMIT OFFICIAL TRANSCRIPTS
Submit your official college/university transcripts to the Admission and Records Office. (Note: If you are only taking personal enrichment classes with no prerequisites, you may not need to complete this step. Check with a counselor to confirm.)

5 COMPLETE THE ASSESSMENT TEST
You must complete the assessment test if you plan to register for certain English, ESL, or Math classes or any class requiring the assessment test to prove appropriate skill level. (Refer to page 10 for assessment dates and times.)

6 COMPLETE THE ORIENTATION
Visit www.chabotcollege.edu/counseling/orientation to complete the college online orientation.

7 ATTEND A PSCN 25 SESSION
Attend a PSCN 25 group planning session to create your abbreviated, one-semester student educational plan (SEP). The SEP helps define what classes to take before your first semester at Chabot to start you on the right path toward your educational goal. By attending the PSCN 25 session, you also will receive a coupon redeemable for a priority one-on-one counseling appointment to develop a more comprehensive SEP in the next semester. Sign up for the PSCN 25 group sessions in the Assessment Center after completing your English or ESL and math assessment tests. (Refer to pages 9 and 13-14 for more information and PSCN 25 class listings.)

8 REGISTER FOR CLASSES ONLINE
Log into CLASS-Web or The Zone to register for classes online. (Refer to page 15 for more detail.) Special registration assistance is available to students with disabilities through the Disabled Student Resource Center (Building 2400).

9 PAY YOUR FEES
Fees are due by June 18th (if registered before June 4th) or by July 31st (if registered between June 5th and July 17th).
ONLINE: Log into CLASS-Web or The Zone to pay your fees online using a credit card. Payment plans are available. (See page 17 for more detail.)
MAIL: Send a check or money order for full payment to the Admissions and Records Office, 25555 Hesperian Blvd., Hayward, CA 94545. Allow 1-2 weeks to process payments by mail. DO NOT SEND CASH.

10 BUY YOUR PARKING PERMIT
Order and purchase your parking permit online after logging into CLASS-Web or The Zone. Parking permits are valid for one semester and may only be purchased after you have registered in at least one course. (Refer to page 17 for more information.)

11 GET YOUR STUDENT ID CARD
Visit Student Online Services (Building 700) to get your free student ID card. If you already paid the $10 student activity fee, an activity sticker to be placed on the back of your ID card will be mailed to you before the first day of the semester.

12 BUY YOUR BOOKS
IN-PERSON: Visit the Bookstore (Building 3800).

13 ATTEND YOUR CLASSES
Attend the first day of class. Failure to attend may result in being dropped from class.
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.

In the table below, the student should specify the application procedures.

<table>
<thead>
<tr>
<th>STUDENT</th>
<th>APPLICATION PROCEDURES</th>
</tr>
</thead>
<tbody>
<tr>
<td>NEW</td>
<td>Apply online.</td>
</tr>
<tr>
<td>FORMER</td>
<td>Reapply online if you last attended more than two terms ago.</td>
</tr>
<tr>
<td>CONTINUING</td>
<td>Don’t reapply if you were enrolled in Spring 2014.</td>
</tr>
<tr>
<td>INTERNATIONAL</td>
<td>Visit the International Student Program’s website for additional application procedures.</td>
</tr>
<tr>
<td>CONCURRENT ENROLLMENT</td>
<td>See application instructions on page 7.</td>
</tr>
<tr>
<td>DENTAL HYGIENE</td>
<td>Visit the Dental Hygiene Program website for additional application procedures.</td>
</tr>
<tr>
<td>NURSING</td>
<td>Visit the Nursing Program website for additional application procedures.</td>
</tr>
</tbody>
</table>

INFORMATION 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 por una gran variedad de razones: 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 indíque que de “Hispano”. Hemos tenido la oportunidad que la población estudiantil 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, ayuda telefónica y otros servicios necesarios bilingües.

Para más información, comuníquese con La Carrera y Transferencia Centrales al 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 que hayan completado un examen de matrícula en California o en otro estado, deben presentar documentación que indique que han sido residentes de California por un año.
» Estudiantes que hayan obtenido un título de escuela secundaria should provide documentation of having attended a high school in California for three or more years.
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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, and University of California. Los Requisitos: • El estudiante tiene que haber asistido a clases de un High School en el estado de California (publica o privada) por lo menos tres años. • El estudiante tiene que haberse graduado de un 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 STUDENTS
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 dates 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.

For more information or to download the application, please visit the International Student Program’s website: www.chabotcollege.edu/international
**VETERANS**

Chabot College offers instruction to servicepersons, 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 and then follow the Enrollment Certification procedures outlined below:

2. Submit a copy of your DD-214 to Chabot Veterans Services Office to establish priority registration.
3. Complete the Math and English Assessment.
4. Submit all official, sealed college and military transcripts to the Admissions and Records Office.
5. Choose a major and meet with Chabot College’s Veterans Benefits Specialist to discuss your education objective.
6. Register for classes online.
7. Complete the Enrollment Certification Request form at Chabot Veterans Services Office.

**BASIC CATEGORIES OF EDUCATION BENEFITS**

- Post 9/11 Veterans Education Assistance Act of 2008 (Chapter 33)
- Montgomery GI Bill – Active Duty (Chapter 30)
- Survivor’s and Dependent’s Educational Assistance Program (DEA - Chapter 35)
- Restored Entitlement Program for Survivors (REPS) & Vocational Rehabilitation (Chapter 31)
- Veterans Educational Assistance Program (VEAP - Chapter 32)
- Reserve Educational Assistance Program (REAP – Chapter 1607)
- Montgomery GI Bill – Selected Reserve (Chapter 1606)

**MILITARY PRIORITY REGISTRATION**

Per California SB 272 & 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, all 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 registration component (assessment, orientation, student education plan) and submit a copy of your DD-214 or military identification card to Chabot Veterans Services Office (Building 700, room 703E) or fax to 510.723.7510, ATTN: Chabot Veterans Services Office or email to cc-veterans@chabotcollege.edu.

For more information, please visit the Chabot Veterans Services Office’s website: [www.chabotcollege.edu/veterans](http://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.

**APPLICATION DEADLINE:**

*May 23 for Summer 2014*

*July 18 for Fall 2014*

**ELIGIBILITY**

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

- Have written parental approval.
- Limit enrollment to advanced scholastic courses. Enrollment in Physical Education or basic skills courses will not be allowed. (Title 5 Regulations, section 55002)
- Be pre-approved by the school 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 at Chabot College, follow these procedures:

1. Complete the Chabot College admission application online at [www.chabotcollege.edu](http://www.chabotcollege.edu).
2. Complete the (1) Recommendation for Concurrent Enrollment and (2) Release of Personal Information/Emergency forms.
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. Packets may be submitted in-person at the Admissions and Records Office or by mail (Chabot College, ATTN: Concurrent Enrollment, Admissions and Records Office, 25555 Hesperian Blvd., Hayward, CA 94545).
5. You will be sent a notification of your approved recommendation and be given a date when you may register online via CLASS-Web or The Zone.

**REGULATIONS**

- Concurrently enrolled students will be permitted to enroll in no more than six units or two classes per semester.
- 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, the 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. However, a $3 mailing fee is assessed in order to provide mailers at the end of the term. The Health Services Fee of $17 for the semester is mandatory. International, non-resident, and out-of-state students will be assessed tuition of $243 per unit.

For more information, please visit our Concurrent Enrollment website: [www.chabotcollege.edu/Admissions/Concurrent](http://www.chabotcollege.edu/Admissions/Concurrent)
Your registration priority group and registration date will be 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.

The California Community College Board of Governors approved a policy change to establish system-wide registration priorities in an effort to improve student success. The new regulations are 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. Consequently, enrollment priorities have been redefined and changes will go into effect for Summer and Fall 2014 registration.

Under the new 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), will now have enrollment priority over students who do not meet these criteria. Students will now register for courses according to an enrollment priority system as defined by Title 5 regulations and the Chabot-Las Positas Community College District.

<table>
<thead>
<tr>
<th>PRIORITY GROUP (highest to lowest)</th>
<th>DESCRIPTION</th>
<th>STUDENT SUCCESS &amp; SUPPORT PROGRAM (SSSP) CORE SERVICES</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>ASSESSMENT</td>
</tr>
<tr>
<td>09</td>
<td>State-mandated enrollment priority groups: Veterans, EOPS, DSPS, and Cal Works 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.</td>
<td>✔️</td>
</tr>
<tr>
<td>08</td>
<td>College priority groups: Athletes, Trio, &amp; Aspire students in good standing with less than 100 degree-applicable units and who have 3 core services completed.</td>
<td>✔️</td>
</tr>
<tr>
<td>07</td>
<td>Continuing students in good standing with less than 100 degree-applicable units who have 3 core services completed.</td>
<td>✔️</td>
</tr>
<tr>
<td>06</td>
<td>Early Decision: High School graduating seniors who have been accepted into the program and who have 3 core services completed.</td>
<td>✔️</td>
</tr>
<tr>
<td>05</td>
<td>New students who have 3 core services completed.</td>
<td>✔️</td>
</tr>
<tr>
<td>04</td>
<td>Returning students in good standing with less than 100 degree-applicable units and who have 3 core services completed.</td>
<td>✔️</td>
</tr>
<tr>
<td>03</td>
<td>Continuing students in good standing with less than 100 degree-applicable units and who have not completed 3 core services.</td>
<td>✔️</td>
</tr>
<tr>
<td>02</td>
<td>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.</td>
<td>✔️</td>
</tr>
<tr>
<td>01</td>
<td>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.</td>
<td>✔️</td>
</tr>
<tr>
<td>00</td>
<td>High School Concurrent Enrollment students (based on availability and funding).</td>
<td>✔️</td>
</tr>
</tbody>
</table>

Understanding Your Priority #

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

0 7 0 4 5 9

- First 2 digits indicate your priority group.
- Last digit is random.
- Middle three digits indicate number of units completed at CLPCCD.

Registration appointment notices have been mailed to the home address noted on your student account. Additionally, your priority registration date and completion status of your assessment, orientation, and Student Education Plan will be listed in your CLASS-Web account under the Check Your Priority Registration Status link.
YOUR JOURNEY STARTS HERE!

Student Success and Support Program (SSSP), created by the California Legislature, is a new 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 College, 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.)

<table>
<thead>
<tr>
<th>ASSESSMENT EXEMPTION</th>
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</thead>
<tbody>
<tr>
<td><strong>English/Math Assessment Exemption is available if:</strong></td>
</tr>
<tr>
<td>1. You have 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 and Records Office as soon as possible.); and/or</td>
</tr>
<tr>
<td>2. You have 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 and Records Office as soon as possible.)</td>
</tr>
</tbody>
</table>

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)

Every student without an associate degree or higher needs to attend a PSCN 25 group planning session, in which a counselor will work with you to create your abbreviated, one-semester student educational plan. The SEP helps define what classes to take your first semester at Chabot to start you on the right path toward your educational goal. By attending the PSCN 25 session, you also will receive a coupon redeemable for a priority one-on-one counseling appointment to develop a more comprehensive SEP in the next semester. Students sign up for the PSCN 25 group sessions in the Assessment Center after completing their English or ESL and math assessment tests. (Refer to page 13 for a list of PSCN 25 classes.)

SELF ENRICHMENT CLASSES

The Counseling Division offers a variety of Psychology-Counseling (PSCN) classes taught by counseling faculty to promote and support student success. All classes are not necessarily offered every term. These classes apply counseling theory and practices to the realms of academic success, career-life planning, and being a productive member of a diverse community: PSCN 10 – Career and Educational Planning, PSCN 12 – Self-Esteem for Success, and PSCN 15 – College Study Skills. PSCN classes are (1) taught by counseling faculty, (2) AA/AS degree-applicable and CSU transferable, and (3) designed to help you succeed. Contact Felicia Tripp, 510.723.7598, for more information. See below for Summer and Fall 2014 class offerings:

<table>
<thead>
<tr>
<th>CLASS</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSCN 1 1</td>
<td>Intro to PSCN in Multicultural Environment: Learn basic counseling skills &amp; explore cultural issues.</td>
</tr>
<tr>
<td>PSCN 2 3</td>
<td>Intro to Case Management for Human Services: Provides knowledge in case management theory implementation for Human Service, Social Work and/or Mental Health.</td>
</tr>
<tr>
<td>PSCN 4 2</td>
<td>Multiethic/Cultural Communication: Exploration of intercultural &amp; interethic communication including case study in three of the five following groups: African Americans, Asian Americans, Native/Indigenous Americans, Pacific Islander Americans, Hispanic Americans. Students will attend Bay Area Cultural events.</td>
</tr>
<tr>
<td>PSCN 10 2</td>
<td>Career and 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.</td>
</tr>
<tr>
<td>PSCN 11 2</td>
<td>Interpersonal Relationships: Course includes self exploration, personality assessment, group process, learning about your relationship style and how to more of what you want in relationships and life.</td>
</tr>
<tr>
<td>PSCN 13 3</td>
<td>Multicultural Issues in Contemporary America: Focus on improving understanding of other cultures and how those cultures impact American lifestyle.</td>
</tr>
<tr>
<td>PSCN 15 2</td>
<td>College Study Skills: Review study skill techniques to improve success in college &amp; earn better grades.</td>
</tr>
<tr>
<td>PSCN 18 1</td>
<td>University / Transfer Planning: Resources and planning process needed to east transition from community college to a four-year college or university.</td>
</tr>
<tr>
<td>PSCN 23 3</td>
<td>College Readiness: Develop critical thinking about problem-solving skills that support adjustment to college. Learn about academic success strategies, campus resources and educational planning through self-reflection.</td>
</tr>
</tbody>
</table>

PSCN DEGREES AND CERTIFICATES

Psychology-Counseling offers the Associate in Arts degree (AA), 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 in Liberal Studies Elementary Teacher Preparation
- 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.
NEW, FIRST-TIME IN COLLEGE STUDENTS

ENGLISH/MATH ASSESSMENT, ONLINE ORIENTATION & EDUCATION PLANNING
As a new, first-time in college student you need to complete the English/Math assessments, Online Orientation, and attend a Student Education Planning session. These steps are part of a class, PSCN 25:Transition to College, and will enable you to earn 0.5 units towards your educational goal plus increased priority registration. Follow the steps below to get started:

1. If you have not already done so, submit an admission application online at www.chabotcollege.edu.
2. Visit www.chabotcollege.edu/counseling/assessment to review our study guides online.
3. Attend an assessment session. No appointment is needed. Bring a valid Photo ID (you will not be admitted without a photo ID) and know your student ID#.
4. Once you have completed your assessments, you will receive a Student Success passport with next step information.

Please note that assessments for NEW, FIRST-TIME IN COLLEGE STUDENTS are offered on Mondays only.

CONTINUING, RETURNING, AND CONCURRENT ENROLLMENT STUDENTS

ENGLISH AND MATH ASSESSMENT
Continuing, returning, and high school current enrollment students may complete the English and/or Math assessments. Follow the steps below to get started:

1. If you have not already done so, submit an admission application online at www.chabotcollege.edu.
2. Visit www.chabotcollege.edu/counseling/assessment to review our study guides online.
3. Attend an assessment session. No appointment is needed. Bring a valid Photo ID (you will not be admitted without a photo ID) and know your student ID#.
4. Attend an assessment session. No appointment is needed. Bring a valid Photo ID (you will not be admitted without a photo ID) and know your student ID#.

ESL STUDENTS

ESL ASSESSMENT
The ESL assessment is for students who want to improve their English skills at Chabot College. (Note: Chabot College’s ESL program starts at the intermediate level.) Follow the steps below to get started:

1. If you have not already done so, submit an admission application online at www.chabotcollege.edu.
2. Visit www.chabotcollege.edu/counseling/assessment to review our study guides online.
3. Attend an assessment session. No appointment is needed. Bring a valid photo ID (you will not be admitted without a photo ID) and know your student ID#.
4. New ESL students will receive a Student Education Planning appointment with a Counselor at the time of the assessment.

ESL ASSESSMENT SCHEDULE

CHEMISTRY STUDENTS

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. 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. Follow the steps below to get started:

1. If you have not already done so, submit an admission application online at www.chabotcollege.edu.
2. Attend an assessment session. No appointment is needed. Bring a valid photo ID (you will not be admitted without a photo ID) and know your student ID#.
3. Non-programmable calculators are permitted.

CHEMISTRY DIAGNOSTIC TEST SCHEDULE

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

STOP

Before enrolling in an English class, take the English Assessment test (Assessment Center). This test will determine eligibility for English 1A. If you do not place into English 1A, choose either 101A/B or 102.

ENGLISH 101A & 101B
This two-semester program prepares students for success in reading and writing at the college level. Students learn strategies to better understand what they read, and to think and write about the material in clear and logical ways. Typical assignments include reading full-length books as well as articles and writing a series of 3-5 page essays on the class readings. These classes do not focus on teaching English grammar.*

ENGLISH 102
A faster-paced alternative to the 101A/B sequences (above), this one-semester course is recommended for students who are able to write clear, effective sentences, are prepared to take on challenging reading and writing tasks sooner, and believe they will be ready for college-level English with only one semester of preparation. This class does not focus on teaching English grammar.*

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

STOP

Take the ESL Assessment test (Assessment Center). This test will determine which level* of ESL class will benefit you the most. Your starting point will be either ESL 110A, B, C, or D.

ESL 110A → ESL 110B → ESL 110C → ESL 110D

ENGLISH 101A or 102.
(see above)

* Chabot College ESL classes start at the Intermediate Level.
MATH COURSE PROGRESSION

MTH 103
Basic Math

MTH 104
Pre-Algebra

MTH 53
Applied Algebra & Data Analysis

MTH 65
Elementary Algebra

MTH 54/54L*
Applied Inter. Algebra

MTH 55*
Intermediate Algebra

MTH 47**
Math for Liberal Arts

MTH 41**
Number Systems

MTH 43**
Statistics

MTH 33**
Finite Math

MTH 31**
College Algebra

MTH 37**
Trigonometry (w/Geometric Foundations)

MTH 15
Applied Calculus I

MTH 16****
Applied Calculus II

MTH 20
Pre-Calculus

MTH 1
Calculus 1

MTH 8***
Discrete Math

MTH 2***
Calculus II

MTH 25***
Comp. Methods for Engr/Science

MTH 3***
Multivariable Calculus

MTH 4***
Elem. Differential Equations

MTH 6***
Elementary Linear Algebra

* MINIMUM REQUIREMENT TO SATISFY AA/AS MATH PROFICIENCY REQUIREMENT.

** MINIMUM REQUIREMENT TO SATISFY CSU GE MATH REQUIREMENT.

*** MTH 2, MTH 8, AND MTH 25 MAY BE TAKEN CONCURRENTLY AND MTH 3, MTH 4, AND MTH 6 MAY BE TAKEN CONCURRENTLY.

**** MTH 15 AND MTH 37 ARE PREREQUISITES FOR MTH 16.

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.
PSYCHOLOGY-COUNSELING 25

PSCN 25: TRANSITION TO COLLEGE
STUDENT EDUCATION PLANNING SECTIONS

Targeted to new, first-time college students, PSCN 25 requires the completion of several steps which survey practical strategies for academic success in college. New students apply to the college, complete the English and math assessment, complete an online orientation, and complete a student education planning component. Each student will select one of the following student education planning sections at their assessment testing session:

<table>
<thead>
<tr>
<th>CRN</th>
<th>DAY</th>
<th>TIME</th>
<th>ROOM</th>
<th>DATE</th>
<th>CRN</th>
<th>DAY</th>
<th>TIME</th>
<th>ROOM</th>
<th>DATE</th>
</tr>
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WEEK OF APRIL 14TH

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WEEK OF APRIL 21ST

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WEEK OF APRIL 28TH

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WEEK OF MAY 5TH

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WEEK OF MAY 12TH

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WEEK OF MAY 19TH

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<td>10 am-noon</td>
<td>751</td>
<td>Staff</td>
</tr>
<tr>
<td>22964</td>
<td>Lec Tue</td>
<td>1-3:00 pm</td>
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<td>22965</td>
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<td>22966</td>
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<tr>
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<td>22981</td>
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</tr>
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<td>22982</td>
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(Continued)
REGISTRATION PROCEDURES

REGISTRATION DATES

<table>
<thead>
<tr>
<th>Course Type</th>
<th>Start Date</th>
<th>End Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>STATE MANDATED - Veterans, Foster Youth, EOPS, DSPS Cal Works</td>
<td>April 23</td>
<td>May 14</td>
</tr>
<tr>
<td>COLLEGE PRIORITY – Athletes, TRIO/Excel, TRIO/Aspire</td>
<td>April 25</td>
<td>May 15</td>
</tr>
<tr>
<td>CONTINUING (by priority)</td>
<td>April 28 – May 9</td>
<td>May 16 – 22</td>
</tr>
<tr>
<td>EARLY DECISION</td>
<td>May 3</td>
<td>June 2</td>
</tr>
<tr>
<td>NEW</td>
<td>May 12</td>
<td>June 2</td>
</tr>
<tr>
<td>RETURNING (former)</td>
<td>May 13</td>
<td>June 2</td>
</tr>
<tr>
<td>PROBATION</td>
<td>May 23</td>
<td></td>
</tr>
<tr>
<td>100+ DEGREE UNITS</td>
<td>May 27</td>
<td></td>
</tr>
<tr>
<td>OPEN ENROLLMENT</td>
<td>June 2</td>
<td></td>
</tr>
<tr>
<td>CONCURRENT ENROLLMENT (Summer)</td>
<td>June 9</td>
<td></td>
</tr>
<tr>
<td>CONCURRENT ENROLLMENT (Fall)</td>
<td>August 4</td>
<td></td>
</tr>
</tbody>
</table>

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 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](http://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 deadline.

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.”

Use CLASS-Web or The Zone to drop any classes. If a class is canceled or a drop occurs before the drop with NGR deadline, the student may apply for a refund through the Admissions and 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” deadline date. “W” grades are subject to all fees and/or tuition. “W” grades do not affect student’s GPA. Excess “W” notations, however, may result in poor progress or dismissal status and may affect financial aid, athletic eligibility, 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).

<table>
<thead>
<tr>
<th>COMMON REGISTRATION ERROR MESSAGES</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>EXCESS UNITS</td>
<td>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.</td>
</tr>
<tr>
<td>CLASS OVERLAP</td>
<td>If a class overlaps with another class, the student must request a Class Overlap card at the Admissions and 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 and Records Office.</td>
</tr>
<tr>
<td>REPEAT LIMIT EXCEEDED</td>
<td>The student must consult with the Counseling Division. (Refer to page 18 for more information.)</td>
</tr>
<tr>
<td>PREREQUISITE NOT MET</td>
<td>The student must consult with the Counseling Division. (Refer to page 18 for more information.)</td>
</tr>
<tr>
<td>MAJOR RESTRICTION</td>
<td>The specific class CRN you selected is designated for students in that special program (PACE, Puente, Daraja etc.). Students who are not in a special program must register for a different class section.</td>
</tr>
</tbody>
</table>

CHECK CLASS DROP, PASS/NO PASS, & WITHDRAW DEADLINES

1. Login to 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 AND RECORDS OFFICE

Phone: 510.723.6700
Location: Building 700 1st floor, Lobby
Email: ccarcom@chabotcollege.edu
Website: [www.chabotcollege.edu/counseling/admissions](http://www.chabotcollege.edu/counseling/admissions)
FEES & REFUNDS

<table>
<thead>
<tr>
<th>FEE</th>
<th>AMOUNT</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENROLLMENT</td>
<td>$46 per unit</td>
<td>The enrollment fee for all students, except those exempt by law, is $46 per unit.</td>
</tr>
<tr>
<td>NON-RESIDENT TUITION</td>
<td>$243 per unit</td>
<td>Non-residents of California are required to pay a tuition fee of $243 per unit in addition to the enrollment fee and basic fees.</td>
</tr>
<tr>
<td>INTERNATIONAL STUDENT TUITION</td>
<td>$243 per unit</td>
<td>The tuition fee for international students, nonimmigrant aliens or students on other types of visas is $243 per unit in addition to the enrollment fee and basic fees.</td>
</tr>
<tr>
<td>HEALTH SERVICES</td>
<td>$17</td>
<td>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.</td>
</tr>
<tr>
<td>MAILING</td>
<td>$3</td>
<td>An optional fee of $3 will be assessed each semester to cover the cost of various mailings that students receive throughout the term.</td>
</tr>
<tr>
<td>ASSOCIATED STUDENTS ACTIVITY</td>
<td>$10</td>
<td>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.</td>
</tr>
<tr>
<td>PARKING</td>
<td>$2 daily</td>
<td>Parking at Chabot College is by permit only. Daily and semester permits are available. (Refer to page 17 for more information.)</td>
</tr>
<tr>
<td></td>
<td>$30 semester</td>
<td></td>
</tr>
</tbody>
</table>

(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.

MAIL: Send a check or money order for full payment to the Admissions and Records Office, 25555 Hesperian, Blvd., Hayward, CA 94545. Allow 1-2 weeks to process payments by mail. DO NOT SEND CASH.

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 and Records Office.

- 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.)
- The mailing, 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

PAY FEES BY
JUNE 18 (if registered before June 4) or
JULY 31 (if registered between June 5 and July 17)
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](http://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? Refer to the Frequently Asked Questions or How e-Cashier Works links located on the toolbar of e-Cashier. Customer service representatives are available Monday through Thursday, 7:30 am to 7:00 pm (CST), and Friday, 7:30 am to 5:00 pm. For additional help, please call NelNet at 800.609.8056.

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**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.

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**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

Leave a message stating your (1) parking permit issue, (2) contact number and email address, (3) student ID number.
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 and 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 and Records Office, you may request a prerequisite override online at:

www.chabotcollege.edu/counseling/prereqoverride

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.

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).

PREREQUISITE OVERRIDE REQUESTS IN-PERSON

Students attempting to enroll in the same course for a fourth time will be blocked from registration. Appeal of this course repetition limitation requires a Petition to Repeat a Course through the Counseling Division.

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 deadline 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

For the most current, accurate and detailed information, policies, procedures, dates and deadlines, visit: 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, using the previous year’s tax and income information. 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. February is the ideal time to apply for the following Fall/Spring semesters in order to meet the March 2nd priority filing date for Chabot FWS and SEOG funds, and Cal Grant deadline. All students and parents should use the IRS data retrieval for the tax line items required; it will greatly speed up the verification and awarding process.

Applying early will help us process your file faster and 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 missed the priority deadline 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 purchase of your own books and materials. We must receive your application before the last date of enrollment in a semester, or by deadlines 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 forms required.
• Students selected for verification must either use the IRS Data Retrieval option from the FAFSA application, 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 (Summer, early Fall, Dec-Jan).
• Students who complete the verification process earliest each year will be considered for limited FWS and SEOG funds.
• Deadline to submit verification for first Fall disbursement (and last Summer disbursement) is 07/01 each year. Documents submitted after 7/01 will be processed by date received and eligible students may not receive a disbursement until later in the semester. If you submit your verification documents after 07/01, you will need to make alternate arrangements to purchase books and complete the semester successfully.
• Students must provide official 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.

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).
• 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.
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 services until repayment is made.

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 OFFICE
Phone: 510.723.6748
Location: Building 700 1st floor, Lobby
Email: cc-finaid@chabotcollege.edu
Website: www.chabotcollege.edu/finaid
School Code: 001162
**FINANCIAL AID**

**IMPORTANT THINGS TO KNOW**

New as a result of recent legislative changes, you should be aware of several new requirements for the federal student aid programs. Most of these changes were effective 2012-13. [http://studentaid.ed.gov/PORTALSWebApp/students/english/recentchangesSA.jsp](http://studentaid.ed.gov/PORTALSWebApp/students/english/recentchangesSA.jsp)

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.

**SAP (Satisfactory Academic Progress)** - Academic eligibility is based on the student's academic performance. (Cumulative and semester minimum 2.00 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.) [http://www.chabotcollege.edu/finaid/SAP.cfm](http://www.chabotcollege.edu/finaid/SAP.cfm)

**Loans** - Loans are only available by manual request to students with 12 earned academic units at Chabot, and are limited based on multiple academic criteria and accumulated loan debt. The lender for the Stafford Loan Program is the Department of Education. 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 and SEOG.

**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 recent legislative changes, you should be aware of a number of new requirements for the federal student aid programs. Some of the changes include:

- **New!** - Students are now limited to a maximum of six years (600%) of full time Pell Grant.
- 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.
- **New!** - Effective 7/1/13, new borrowers will be ineligible for subsidized loans once they have reached 150% of their program length in attempted units.
- Students will no longer have the interest on their subsidized loans paid during the 6 month grace period before repayment begins. Interest rates are 6.8% as of 7/1/13, and no rebates are offered.
- Students are limited to a maximum of six years of full-time Pell Grant.

**PELL GRANT LIMITS (URGENT TO READ)**

Students are limited to a maximum of six years of full-time Pell Grant.

- **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 PIN 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 Bachelors degree. The six year limit is a lifetime limit, regardless of completion of your academic goals or Bachelors 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](http://www.chabotcollege.edu/finaid).

**STAY OUT OF THE LINE, GO ONLINE**

Please check the status of your file using The Zone (Financial Aid tab) rather than calling or visiting the Financial Aid Office to allow us to use our time most productively in file review and awarding. Use your Chabot PIN to access The Zone, and print requested documents from our website at [www.chabotcollege.edu/finaid/forms.asp](http://www.chabotcollege.edu/finaid/forms.asp) to avoid an unnecessary wait in line.

If you are not planning to attend Chabot during this academic year, please contact us in writing to cancel your financial aid application and further communication from our office.

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.

You can download all financial aid forms and see current deadlines on the Financial Aid website.
FINANCIAL AID

FINANCIAL AID REFUNDS THROUGH CHABOT DEBIT CARD

NEW STUDENTS
This is not a credit card! It’s a Debit Card that all students receive the first time they apply for financial aid at Chabot via FAFSA. The card is good for the life of a student at Chabot. All students must select their “refund preference” with the card to choose how to receive any financial aid refunds. (Do not discard, even if you do not think you will receive aid, as replacement cards are $20 each.)

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 applying early, monitoring your ZoneMail and The Zone, and following up early with FAO to complete your file.

SETTING UP YOUR REFUND PREFERENCE
When you receive your card, go to www.chabotdebitcard.com and activate your preference (Easy, ACH or Paper Check). During the activation process you will be required to provide an email address, your card number and other personal information. The options are:

EASY REFUND
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 Higher One 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.

ACH TRANSFER
Instead of opening an online account with Higher One, 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.

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.

VERIFYING CUSTOMER ID PROGRAM (CIP) & PASSWORD/PIN RETRIEVAL
There is a dedicated phone line and computer in Online Student Services for Higher One customer assistance.

VERIFYING YOUR CIP FOR ONE ACCOUNT
If Higher One sends you a notification about certifying your CIP, visit our site and under “forms” you will find instructions and the CIP form. Please download, complete and submit to FAO. New! - Or you can quickly, simply and securely transmit ID with a webcam or smartphone. CIP complies with US Patriot Act, ensuring that required identity information is not only verified but retained properly.

PASSWORD/PIN RETRIEVAL
Higher One 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 Higher One 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 Higher One 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, AB 131 made this limited pool of students eligible to apply for the CA Board of Governor’s (BOG) Fee Waiver, entitlement Cal Grants, Chafee and other state aid.

<table>
<thead>
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<td>Permanent Resident (Resident Alien card)</td>
<td>FAFSA (Do NOT do Dream App)</td>
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<td>Undocumented AB540 (no permanent Social</td>
<td>Dream App</td>
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<tr>
<td>Security Number, or has SS card with “valid for work only”, “not valid for employment”)</td>
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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, visit: www.chabotcollege.edu/finaid/dreamact

The California DREAM Act
Financial aid is now available to AB 540 students attending a California community college.

Thanks to the California DREAM Act, AB 540 students at community colleges are now eligible to apply for:

- Partially-funded scholarships
- Board of Governors Fee Waivers (apply now for terms starting after January 1, 2013)
- Assistance from EOPS, CARE or CalWORKs (beginning January 1, 2013)
- State financial aid like Cal Grants for 2013-14 academic year and Chafee Grants

Check with your local college financial aid, scholarship, EOPS/CARE and CalWORKs offices to see what is available.

You are an AB 540 eligible student if you meet all of the following criteria:

- Attended a California high school for at least three years;
- Graduated from a California high school, got a GED or passed the California High School Proficiency Exam;
- Are registered or enrolled at an accredited California college or university;
- Do not have a receipt of legal immigrant status.

If required, complete an affidavit saying you have filed (or will file when you are eligible to do so) for legal immigration status.

For more information, visit your local community college.
To find the college closest to you, learn more about financial aid, and to apply visit: www.icanaffordcollege.com/dreamact

icanaffordcollege.com®
## BUS 12 INTRO TO BUSINESS

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).

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<td>01/21-05/30</td>
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### 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 located in Bldg. 700 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.
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 10249 Lec MTWR 8:00  10:05  557 HANSON 06/23-07/31 OP 061

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 10251 Lec MTWR 10:30  12:35  557 HANSON 06/23-07/31 GR 061

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.

D 10001 Lec MTWR 8:00  10:05  503 GRAVELY 06/23-07/31 OP 061
D 10252 Lec MW 6:00  9:00  503 MILNER-ROSE 06/16-08/07 OP 081

ANTH 1L  BIOLOGICAL/PHYSICAL ANTHRO LAB  1.0 Unit
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).

D 10049 Lab TWR 10:30  12:20  503 SINGH 06/23-07/31 OP 061

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.

D 10158 Lec MTWR 10:30  12:35  559 GRAVELY 06/23-07/31 OP 061

ART

ART 2A  INTRODUCTION TO DRAWING  3.0 Units
Skill development in black and white drawing using composition, light and shade, perspective and other basics applied to realism drawing.

D 10276 Lec MTWR 8:00  9:15  901 GOLOUCH 06/23-07/31 GR 061
MTWR 9:20  12:10  901

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 10277 Lec MTWR 8:00  9:15  901 GOLOUCH 06/23-07/31 GR 061
MTWR 9:20  12:10  901

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 10278 Lec MTWR 8:00  9:15  901 GOLOUCH 06/23-07/31 MTWR 9:20  12:10  901

AUTOMOTIVE TECHNOLOGY

ATEC 50  INTRO AUTOMOTIVE TECH  3.0 Units
Automotive industry fundamentals including engine operating principles; engine teardown and diagnosis; fastener recognition, use and repair; hand tool identification and usage; electrical fundamentals; service information access and use; automotive chemical and fluid applications; hazardous waste handling; general shop equipment usage and shop safety. Students must have an email account and internet access by the first day of class.

D 10143 Lec TWR 8:00  9:50  1418 BAUM 06/16-08/07 Lab TWR 10:00  11:50  1426 OP
D 10228 Lec TWR 1:00  2:50  1418 BAUM 06/16-08/07 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 10052 Lec MTWR 9:30  11:35  2110 WU 06/23-07/31 Lab MW 12:15  4:35  2110 GR

BIOLOGICAL SCIENCES-BIOLOGY

BIOL 4  PRIN OF ANIMAL BIO 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: Mathematics 55 or equivalent (completed with a grade of “C” or higher). Strongly recommended: Eligibility for English 1A.

D 10248 Lec MTWR 9:30  11:35  2130 HOWELL 06/23-07/31 Lab MW 12:00  4:20  2130 GR

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 that are needed to succeed in more advanced courses in biology. Strongly recommended: Math 65 or 65B or 65Y and eligibility for English 1A or 52A.

D 10035 Lab MTWR 8:00  10:05  2104 KAMAKEA 06/23-07/31 Lec MTWR 10:15  12:20  2108 GR
D 10243 Lec MTWR 10:15  12:20  2104 KAMAKEA 06/23-07/31 Lab MTWR 12:45  2:50  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 paramed and medical assisting programs and pre-medical students who wish to explore the realm of anatomy and physiology.

D 10246 Lec MTWR 12:00  1:25  1802 PETERS 06/23-07/31 Lab MW 2:00  5:05  2102 GR
D 10247 Lec MTWR 12:00  1:25  1802 PETERS 06/23-07/31 Lab TR  2:00  5:05  2102 GR

Chabot College • Summer/Fall 2014 Class Schedule 23  510.723.6600 • www.chabotcollege.edu
BUS 10  BUSINESS LAW 4.0 Units
Legal setting in which business operates, with emphasis on legal reasoning and resolution, contracts, agency, and partnerships and corporations.
O 10051 By Arr 9.0 Hrs/Wk ONLINE NOVAK 06/16-08/07 GR EN1
O 10380 By Arr 9.0 Hrs/Wk ONLINE NOVAK 06/16-08/07 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).
O 10093 By Arr 6.7 Hrs/Wk ONLINE PINKAS 06/16-08/07 OP EN1
O 10381 By Arr 6.7 Hrs/Wk ONLINE PINKAS 06/16-08/07 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 10178 By Arr 9.0 Hrs/Wk ONLINE PATTSON 06/16-08/07 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 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 10272 By Arr 6.7 Hrs/Wk ONLINE KLEIN 06/16-08/07 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

CHEM 1B  GENERAL COLLEGE CHEMISTRY II 5.0 Units
Continuation of Chemistry 1A. 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).

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.

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 for certain majors in allied health and technological fields and for general education. Prerequisite: Mathematics 65 or 65B or 65L (completed with a grade of "C" or higher).

Phisiology 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 or 52A.

BUS 7 ACCOUNTING FOR SMALL BUSINESS 3.0 Units
Bookkeeping practices for a sole proprietorship. Debit and credit practice, books of original entry, ledgers, working papers, adjusting and closing entries, income statement, balance sheets, and statement of owner’s equity, cash, payroll, special journals, merchandising firms.

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.

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.

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

BUS 7 ACCOUNTING FOR SMALL BUSINESS 3.0 Units
Bookkeeping practices for a sole proprietorship. Debit and credit practice, books of original entry, ledgers, working papers, adjusting and closing entries, income statement, balance sheets, and statement of owner’s equity, cash, payroll, special journals, merchandising firms.

BUS 8 PAYROLL ACCOUNTING 3.0 Units
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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 10053 Lec MTWR 10:10-12:15 1803 JOSHI 06/23-07/31 OP 061
Lab MTWR 8:00-10:05 3921 OP
D 10254 Lec MTWR 10:10-12:15 1803 JOSHI 06/23-07/31 OP 062
Lab MTWR 12:45-2:50 3921 OP

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 10129 Lec MTWR 8:15-10:20 807 Staff - Fi 06/23-07/31 OP 061
D 10320 Lec MTWR 10:30-12:35 851 Staff - Fi 06/23-07/31 OP 062
D 10232 Lec MTWR 10:30-12:35 807 Staff - Fi 06/23-07/31 OP 063
D 10153 Lec MTWR 1:30-3:35 801 Staff - Fi 06/23-07/31 OP 064
D 10131 Lec MTWR 4:20-6:25 356 Staff - Fi 06/23-07/31 OP 065
E 10133 Lec MTWR 6:30-8:35 356 Staff - Fi 06/23-07/31 OP 066

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.

E 10233 Lec MTWR 6:30-8:35 357 Staff - Fi 06/16-08/07 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 10132 Lec MTW 10:00-12:05 811 AMES 06/23-07/31 OP 06

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 10084 By Arr 9.0 Hrs/Wk ONLINE  DER MODY 06/16-08/07 OP EN1
CAS 50-EN1 is an online course, with no required on-campus meetings. For important additional information, go to http://www.chabotcollege.edu

CAS 54A  MICROSOFT EXCEL I  3.0 Units
Introduction to spreadsheet techniques using Microsoft Excel to create a variety of spreadsheets with emphasis on business application programs. Calculate data using functions and formulas. Create charts, link and consolidate worksheets. This course prepares students to take the Microsoft Office Specialist, (MOS) core level certification. Strongly recommended: Computer Application Systems 50, Computer Application Systems 72E, or Computer Science 8.

O 10273 By Arr 6.7 Hrs/Wk ONLINE  O TOOLE 06/16-08/07 OP EN1
CAS 54A-EN1 is an online course with no required on-campus meetings. For important additional information, go to http://www.chabotcollege.edu

COMPUTER NETWORKING TECHNOLOGY

CNT 82B  NETWORKING SM TO MED BUS/ ISP  3.0 Units
Second of four courses in the Cisco® Networking Academy® CCNA® Discovery program, providing career-oriented, IT-skills instruction. CCNA Discovery prepares the student for the Cisco Certified Entry Network Technician (CCENT) and Cisco Certified Network Associate (CCNA)exams. Students will install, configure, and troubleshoot Cisco IOS® devices, plan a wired network infrastructure, implement basic WAN connectivity, demonstrate proper disaster recovery procedures, perform server backups, monitor network performance, isolate failures, and troubleshoot problems using logical application of the OSI model and the process of encapsulation. Prerequisite: 92A (completed with a grade of “C” or higher) or CNT 82A (completed with a grade of “C” or higher) or EYS 72A (completed with a grade of “C” or higher) may not receive credit if Computer Application Systems 92B or Electronic Systems Technology 72B has been completed.

O 10377 Lab Tue 6:00-10:05 1602 PHILLIPS 06/16-08/07 GR 081
By Arr 4.5 Hrs/Wk ONLINE
CNT 82B-081 is partially taught online course. For important additional information, go to http://www.chabotcollege.edu/online

CNT 82C  ROUTING & SWITCHING IN THE ENT  3.0 Units
Third of four courses in the Cisco® Networking Academy® CCNA® Discovery program, providing career-oriented, IT-skills instruction. CCNA Discovery prepares the student for the Cisco Certified Entry Network Technician (CCENT) and Cisco Certified Network Associate (CCNA) exams. Students will implement, configure, and troubleshoot an enterprise LAN network utilizing VLANs, access control list, WAN links and advanced routing protocols. Prerequisite: CNT 82B (completed with a grade of “C” or higher) or EYS 72B (completed with a grade of “C” or higher) or CNT 82B (completed with a grade of “C” or higher).

O 10378 Tue 6:00-10:05 1602 PHILLIPS 06/16-08/07 GR 081
By Arr 4.5 Hrs/Wk ONLINE
CNT 82C-081 is partially taught online course. For important additional information, go to http://www.chabotcollege.edu/online

CNT 82D  DESIGN & SUPPORT COMP NET  3.0 Units
Fourth of four courses in the Cisco® Networking Academy® CCNA® Discovery program, provide career-oriented, IT-skills instruction. CCNA Discovery prepares the student for the Cisco Certified Entry Network Technician (CCENT) and Cisco Certified Network Associate (CCNA) exams. Students will implement, configure, and troubleshoot an enterprise LAN network utilizing VLANs, access control lists, WAN links and advanced routing protocols. Prerequisite: CNT 92C (completed with a grade of “C” or higher) or EYS 72C (completed with a grade of “C” or higher) or CNT 82C (completed with a grade of “C” or higher).

O 10379 Tue 6:00-10:05 1602 PHILLIPS 06/16-08/07 GR 081
By Arr 4.5 Hrs/Wk ONLINE
CNT 82D-081 is partially taught online course. For important additional information, go to http://www.chabotcollege.edu/online

DENTAL HYGIENE

DHYG 50A  DENTAL HYGIENE ORIENTATION I  0.5 Unit
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 10148 Lec Thur 8:00-11:50 2202 PINESCHI-PE 08/07-08/08 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 Unit
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 10174 Lec Fri 1:00-2:50 2258 GALLIANO 08/07-08/08 P/N E01
Lec Fri 8:00-11:50 2258 P/N
Lec Fri 1:00-2:50 2258 P/N
DHGY 68  EXTENDED CLINICAL EXPERIENCES  0.5 Unit
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 10171 Clin By Arr 1.3 Hrs/Wk TBA GALLIANO 06/16-08/07 P/N 09A

DHGY 71C  ADVANCED PERIODONTAL PROCEDURE  0.5 Unit
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 10127 Lec Mon 8:00 11:50 2202 CARLSON 08/11-08/13 P/N 011
Lec Tue 8:00 9:50 2202 P/N
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 10064 Lec MTWR 10:30 11:55 504 STAFF 06/16-08/07 GR 081
O 10280 By Arr 6.7 Hrs/Wk ONLINE RODRIGGS 06/16-08/07 GR EN1
ECD 50-EN1 is an online course with no required on-campus meetings. For more information, please go to http://www.chabotcollege.edu/online.

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 10274 Lec MTWR 8:00 9:25 558 STAFF 06/16-08/07 GR 081
O 10175 By Arr 6.7 Hrs/Wk ONLINE OZDEMIR 06/16-08/07 GR EN1
ECD 56-EN1 is an online course with no required on-campus meetings. For more information, please go to http://www.chabotcollege.edu/online.

ECONOMICS

ECON 1  PRINCIPLES OF MICROECONOMICS  3.0 Units
Economic analysis of market systems, 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. Prerequisite: Mathematics 54 or 55 or 55B or 55L or 55Y (completed with a grade of “C” or higher) or an appropriate skill level demonstrated through the mathematics assessment process. Strongly recommended: English 1A eligibility.
D 10034 Lec MTWR 8:00 10:05 506 WILLIAMS 06/23-07/31 OP 061

ECON 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. Prerequisite: Mathematics 54 or 55 or 55B or 55L or 55Y (completed with a grade of “C” or higher) or an appropriate skill level demonstrated through the mathematics assessment process. Strongly recommended: English 1A.
D 10003 Lec MTWR 10:30 12:35 506 WILLIAMS 06/23-07/31 OP 062

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 10029 Lec MTWR 10:30 12:35 502 Staff - Lang 06/23-07/31 GR 061
D 10067 Lec MTWR 1:00 3:05 502 CHAN 06/23-07/31 GR 062
D 10234 Lec MTWR 8:15 10:20 801 HIGGINS 06/16-08/07 GR 081
D 10152 Lec MTWR 10:30 12:35 558 MC FARLAND 06/16-08/07 GR 082
D 10150 Lec MTWR 1:00 3:05 554 MC FARLAND 06/16-08/07 GR 083
O 10063 Lec MTWR 8:00 10:05 554 MC FARLAND 06/16-08/07 GR 084
O 10235 By Arr 6.7 Hrs/Wk ONLINE HIGGINS 06/16-08/07 GR 084
This is an online course with two required on-campus meetings. This course meets face to face in Building 300, Room 354, on two Tuesdays: June 17 and July 22, from 4:00-5:40 PM. For more important additional information, go to http://www.chabotcollege.edu/online

ESYS 52  ESYS MEASUREMENT/TOURESHTECH  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. Prerequisite: ESYS 50 or equivalent.
O 10168 Lab Tue 6:00 10:05 1602 PHILLIPS 06/17-08/05 GR EN1
By Arr 2.2 Hrs/Wk ONLINE GR
ESYS 52-EN1 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. Prerequisite: ESYS 52 or equivalent.
O 10169 Lab Tue 6:00 10:05 1602 PHILLIPS 06/17-08/05 GR EN1
By Arr 2.2 Hrs/Wk ONLINE GR
ESYS 56A-EN1 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. Prerequisite: ESYS 52 or equivalent.
O 10170 Lab Tue 6:00 10:05 1602 PHILLIPS 06/17-08/05 GR EN1
By Arr 2.2 Hrs/Wk ONLINE GR
ESYS 58-EN1 is partially taught online. For important additional information, go to http://www.chabotcollege.edu/online

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 ISCE Certified Electronic Technician exam. Prerequisite: ESYS 54 and INDT 74 or equivalent or eligibility for MTH 55.
O 10162 Lab Tue 6:00 10:05 1602 PHILLIPS 06/17-08/05 GR EN1
By Arr 2.2 Hrs/Wk ONLINE GR
ESYS 60-EN1 is partially taught online. For important additional information, go to http://www.chabotcollege.edu/online

CHABOT COLLEGE • SUMMER/FALL 2014 CLASS SCHEDULE • 26
FIRE TECHNOLOGY

FT 95 WORK EXPERIENCE/FT 1.0 Unit
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. Students must have an email account and Internet access to login to Blackboard by the first day of class, Monday, June 23rd to read the announcements and see course assignments. To begin go to http://www.chabotcollege.edu and click the course website. Contact the instructor for more information at cparris@chabotcollege.edu

ENGLISH

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).

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.

ENTREPRENEURSHIP

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.

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.

GENERAL STUDIES

GNST 9 COLLOQUIUM-GENERAL STUDIES 1.0 Unit

GEOMETRY

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).

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.

HLTH 61 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. 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.

FIRE TECHNOLOGY

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.
**HISTORY**

**HIS 7**  US HISTORY THROUGH RECONSTRUCTION  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.

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<td>D 10255</td>
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<td>D 10256</td>
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**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, Chicana/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.

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<td>D 10126</td>
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**HIS 12**  HISTORY OF CALIFORNIA  3.0 Units
Historical development of California, including Spanish exploration and settlement, the Mexican Revolution, Transformation of California under United States control; the American conquest, the Gold Rush, and dynamic expansion to the present day.

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**MACHINE TOOL TECHNOLOGY**

**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.

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<tr>
<td>E 10041</td>
<td>Lec TWR 5:00-6:50 1564 ABISHER</td>
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**MTT 75**  NUMERICAL CONTROL OPERATOR  4.0 Units
Introduction to operating computer numerical controlled drilling and milling machining centers, two axis lathes, and mill/tap machining centers. Includes the XYZ Cartesian Coordinate system, manual and automatic machining center setup and operation, 2 axis lathe setup and operation, mill/tap machining center setup and operation, basic program editing, run programmed mill and lathe parts, laboratory “first article” inspection, and creating lab inspection reports.

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**MARKETING**  (See course listing under Business)

**MASS COMMUNICATIONS**

**MCOM 9**  COLLOQUIUM-MASS COMMUNICATIONS  1.0 Unit
Special projects in Radio and TV to further skills in broadcasting.

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**MATH**

**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.

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<td>D 10108</td>
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**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).

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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.

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**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.

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<td>D 10266</td>
<td>Lec MTWR 8:30-9:55 1802 POLISHCHUK</td>
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<td>1309</td>
<td>GR A61</td>
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Chabot College • Summer/Fall 2014 Class Schedule  28  510.723.6600 • www.chabotcollege.edu
MTH 37 TRIG/GEOMETRIC FOUNDATIONS 5.0 Units
Plane trigonometry, with topics from plane geometry. Contains the entire subject matter 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 10101 Lec 10101 MTWR 10:45-12:20 1812 DESMEDT 06/16-08/07 GR 081
D 10267 Lec 10267 MTWR 10:45-12:20 1802 IONEL 06/16-08/07 GR 082

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 packages 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 10102 Lec 10102 MTR 8:00-10:15 1804 DAVIS 06/16-07/31 GR 071
Lab Wed 8:00-10:15 1804 GR

This section will be partially ‘Flipped’. Students will be expected to view lecture content through online videos outside of regular class time.
D 10268 Lec 10268 MTWR 10:30-12:20 1804 ISHIBASHI 06/16-08/07 GR 082
Lab Thur 10:30-12:45 1804 GR
D 10103 Lec 10103 MTWR 1:30-3:35 1804 ROULAND 06/16-08/07 GR 083
Lab By Arr 2:25 HR/WK TBA GR
E 10104 Lec 10104 MTWR 7:00-9:50 1804 TA 06/16-08/07 GR 084
Lab Thur 7:00-9:15 1804 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: Eligibility for English 1A.

May not receive credit if Mathematics 35 has been completed.
D 10437 Lec 10437 MTWR 10:30-12:55 1802 CORENO 06/16-08/07 GR 081
Lab Wed 10:30-12:55 1802 CORENO GR 082

This section 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-sciencecomathdev@chabotcollege.edu

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. May be offered in Distance Education delivery format.
O 10230 By Arr 12.0 HR/WK ONLINE HARRIS 06/23-07/31 GR EN1
MUSL 1-EN1 is an online course with no required on-campus meetings. For more information, please go to http://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 is required. Attendance at concerts and listening to a variety of music is required. May be offered in Distance Education delivery format.
O 10180 By Arr 9.0 HR/WK ONLINE LINGTON 06/23-07/31 OP EN1
MUSL 3-EN1 is an online course with no required on-campus meetings. For more information, please go to http://www.chabotcollege.edu/online

NURSING

NURS 54 CLINICAL TOPICS/NURSING 0.5 Unit
Study of selected clinical topics and associated nursing process related to nursing practice. Prerequisite: NURS 59 Completion of or NURS 60A (completed with a grade of “C” or higher) (or the equivalent) or possession of a valid California LVN or RN License. Prerequisite: Current Chabot Nursing Program admission required.
D 10095 Lec Tue 8:30-12:45 3116 BERVEN 08/05-08/06 P/N 011

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.
O 10100 By Arr 9.0 HR/WK ONLINE CIREIRA-PERE 06/23-07/31 OP EN1
NUTR 1-EN1 is an online course, with no required on-campus meetings. For important additional information, go to http://www.chabotcollege.edu/online
PHILO 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 or starting points for these issues and decisions as discussed and developed in great writings of the philosophical-literary tradition.
D 10231 Lec: By Arr. 9.0 Hrs/Wk ONLINE SILVER 06/23-07/31 GR EN1
PHILO 60-EN1 is an online course with no required on-campus meetings. For more information, please go to http://www.chabotcollege.edu/online

PHYSICAL EDUCATION-ADAPTIVE
ADP ADST ADAPTED STRENGTH TRAINING 0.5 Unit
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 10326 MTWR 10:30 11:45 2706 OP 061

PHYSICAL EDUCATION-ATHLETICS
ATHL BKWPP PRE-SEASON INTCOL W BASKETBALL 0.5 Unit
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: Previous high level of competitive basketball experience and skill level. Approval of the instructor.
E 10325 MW 9:10 2940 ATE 06/30-07/08 OP 061

ATHL BKOMP PRE-SEASON INTCOL M BASKETBALL 0.5 Unit
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 10364 TR 2:00 4:40 2500 ANGER 06/30-07/08 OP 061

ATHL DFTP PRE-SEASON INTCOL DEF FOOTBALL 0.5 Unit
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 10359 MTWR 3:00 4:15 FIELD CALCAGNO 06/30-07/08 OP 061

ATHL PRWR PR -SEASON COMPETITI WRESTLING 0.5 Unit
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 10373 MTWR 3:00 4:15 2910 SIROY 06/30-07/08 OP 061

ATHL PSOF PRE-SEA TRAIN FOR OFFENSIVE FT 0.5 Unit
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 10362 MTWR 1:30 2:45 4001 CALCAGNO 06/30-07/08 OP 061

ATHL SCMP MEN'S PRE-SEAS SOCCER SP COND 0.5 Unit
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 10365 MTWR 3:00 5:50 FIELD IGWE 07/21-08/07 OP 061

ATHL SFTP PRE-SEASON INCOLLEGI SOFTBALL 0.5 Unit
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 10363 MTWR 1:00 2:15 SFLD LOKEY 06/30-07/08 OP 061

ATHL WSCP WOMEN'S PR-SEAS SOCCER SP COND 0.5 Unit
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 10366 MTWR 12:00 2:50 FIELD BATHTEL 07/21-08/07 OP 031

PHYSICAL EDUCATION-KINESIOLOGY
KINE 1 INTRO TO KINE & PHYSICAL EDU 3.0 Units
This is an introductory course that surveys various subspecialties 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 10438 By Arr. 6.7 Hrs/Wk ONLINE MILLER 06/16-07/08 OP 011
KINE 1-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 10324 By Arr. 6.7 Hrs/Wk ONLINE GRACE 06/16-07/08 OP 011
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 10323 Lec. TR 5:00 6:05 2611 ROBINSON 06/16-07/08 OP 081
Lab TR 6:30 9:20 2611 OP

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 10322 By Arr. 6.7 Hrs/Wk ONLINE GRACE 06/16-07/08 OP 011
KINE 14-EN1 is an online course with no required on-campus meetings. For important additional information, go to http://www.chabotcollege.edu/online

PHYSICAL EDUCATION
PEAC FLW1 PHYSICAL FIT. FOR LAW ENFORCEMENT 0.5 Unit
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.
E 10447 MW 8:50 2920 PASTORE 06/30-07/08 OP 061

PEAC FLW2 INTERM. FIT. FOR LAW ENFORCEMENT 0.5 Unit
Designed to develop specific fitness levels for law enforcement professionals. Prerequisite: PEAC FLW1 (completed with a grade of “C” or higher).
E 10448 MW 8:50 2920 PASTORE 06/30-07/08 OP 061
Students should have completed Beginning Judo or have had previous judo experience. **Strongly Recommended:** Physical instructor’s approval to exercise vigorously.

### PEAC JUD1: BEGINNING JUDO
0.5 Unit
- Designed to teach beginning judo. Basic history, philosophy, techniques and safety aspects of judo will be covered.
- CRN: 10453
- Days: MTWR
- Time: 9:00-10:15
- Room: 2930
- Instructor: FRIEND
- Dates: 06/30-08/07
- Code: OP

### PEAC JUD2: INTERMEDIATE JUDO
0.5 Unit
- Students should have completed Beginning Judo or have had previous judo experience. **Prerequisite:** PEAC JUD1 (completed with a grade of “C” or higher).
- CRN: 10454
- Days: MTWR
- Time: 8:50
- Room: 2920
- Instructor: SIROY
- Dates: 06/23-07/31
- Code: OP

### PEAC FUN1: BEGINNING FUNCTIONAL TR FAT LOSS
0.5 Unit
- 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:** Physical instructor’s approval to exercise vigorously.
- CRN: 10327
- Days: MW
- Time: 7:29
- Room: 2930
- Instructor: DROUIN
- Dates: 06/09-08/07
- Code: OP
- CRN: 10328
- Days: TR
- Time: 6:00
- Room: 2930
- Instructor: MILCHE
- Dates: 06/09-08/07
- Code: OP

### PEAC SWM1: BEGINNING SWIMMING
0.5 Unit
- Designed to teach proficiency in the basic strokes of swimming. No prior knowledge or skill in swimming is needed to join this course.
- CRN: 10367
- Days: MTWR
- Time: 1:30
- Room: POOL
- Instructor: KUBICKI
- Dates: 06/30-08/07
- Code: OP

### PEAC SWM2: INTERMEDIATE SWIMMING
0.5 Unit
- Designed for students who have completed beginning swimming (SWM1). Intermediate stroke development will be presented in this course.
- CRN: 10368
- Days: MTWR
- Time: 1:30
- Room: POOL
- Instructor: KUBICKI
- Dates: 06/30-08/07
- Code: OP

### PEAC TEN1: INTRODUCTION TO TENNIS
0.5 Unit
- Introduction to the game of tennis. The course will involve basic strokes methods, conditioning techniques, historical background, rules, scoring, as well as, singles and doubles strategies.
- CRN: 10369
- Days: TR
- Time: 6:00
- Room: COURTHAWK
- Instructor: MORRIS
- Dates: 06/30-08/07
- Code: OP

### PEAC TEN2: INTERMEDIATE TENNIS
0.5 Unit
- 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 “C” or higher).
- CRN: 10370
- Days: TR
- Time: 6:00
- Room: COURTHAWK
- Instructor: MORRIS
- Dates: 06/30-08/07
- Code: OP

### PEAC VOL1: INTRODUCTION TO VOLLEYBALL
0.5 Unit
- 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.
- CRN: 10371
- Days: TR
- Time: 6:00
- Room: Staff - P
- Instructor: J.
- Dates: 06/16-08/07
- Code: OP

### PEAC VOL2: VOLLEYBALL 2
0.5 Unit
- 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. **Strongly Recommended:** PEAC VOL1 (completed with a grade of “C” or higher).
- CRN: 10372
- Days: TR
- Time: 6:00
- Room: Staff - P
- Instructor: J.
- Dates: 06/16-08/07
- Code: OP

**Additional Information:**
- **Prerequisite:** PEAC TEN1 (completed with a grade of “C” or higher).
- **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; **S** = Saturday Class
- **SUMMER 2014**

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**Summer/Fall 2014 Class Schedule**

- **CRN:** 10453
- **Type(s):** MTWR
- **Times:** 9:00-10:15
- **Room:** 2930
- **Instructor:** FRIEND
- **Dates:** 06/30-08/07
- **Code:** OP

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**Prerequisite:** PEAC JUD1 (completed with a grade of “C” or higher).
### PEAC YOG2 INTERMEDIATE YOGA

0.5 Unit

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 “C” or higher).

D 10375 MW 12:00 2:50 2930 ALLENBACH 06/30-08/07 OP 061

### PHYSICS

#### 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 an 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 10422 Lec TWR 9:30 11:10 1810 DAVE 06/23-07/31 GR 061

Lab TWR 11:30 1:35 1810

### 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 Constitution, civil liberties, civil rights, citizenship duties, political parties, participation and elections. Strongly recommended: eligibility for English 1A.

D 10140 Lec MTWR 8:00 10:05 559 ROBINSON 06/23-07/31 GR A61

O 10299 By Arr. 9.0 Hrs/Wk ONLINE WINGARD 06/23-07/31 OP EN1

POSC 1-EN1 is an online course with no required on-campus meetings. For important additional information, go to http://www.chabotcollege.edu/online

D 10141 By Arr 6.7 Hrs/Wk ONLINE PARKER 06/16-08/07 OP EN2

POSC 1-EN2 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 10423 By Arr. 9.0 Hrs/Wk ONLINE DINWIDDIE 06/23-07/31 GR 061

RELS 50-EN1 is an online course 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.

D 10002 Lec MTWR 6:30 8:35 559 LOPEZ YANEZ 06/03-07/31 GR 061

### 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 10264 Lec MTWR 8:00 10:05 559 ROBINSON 06/23-07/31 GR A61

D 10082 Lec MTWR 10:30 12:35 553 ROBINSON 06/23-07/31 OP A62

O 10428 By Arr. 9.0 Hrs/Wk ONLINE GRANT 06/16-08/07 OP AN1

O 10179 By Arr 6.7 Hrs/Wk ONLINE TONG 06/16-08/07 OP AN2

SOCI 1-AN1 & AN2 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 10441 By Arr. 9.0 Hrs/Wk ONLINE GRANT 06/23-07/31 OP EN1

SOCI 2-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 10142 Lec MTWR 8:00 10:05 552 ESTEPA 06/23-07/31 OP 061

D 10260 Lec MTWR 10:30 12:35 552 GARCIA 06/23-07/31 GR 062

O 10156 By Arr. 9.0 Hrs/Wk ONLINE NIJJAR 06/23-07/31 OP EN1

O 10261 By Arr. 9.0 Hrs/Wk ONLINE NIJJAR 06/23-07/31 GR EN2

O 10439 By Arr. 9.0 Hrs/Wk ONLINE ESTEPA 06/23-07/31 GR EN3

PSY 1-EN1 & EN2 & EN3 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 10440 Lec MW 6:00 9:05 559 DICKINSON 06/16-08/07 GR 081

#### PSYCHOLOGY-COUNSELING

#### PSCN 10 CAREER AND EDUCATION PLANNING

2.0 Units

Exploration of the concept of educational/career planning focusing on personal career development through self-assessment, psychological testing and individual counseling. Emphasis on clarification of individual interests, values, needs, and abilities and investigation of occupational opportunities in the world of work. Designed for those undecided or uncertain about their career and educational plans. May not receive credit if Psychology-Counseling 10A or 10B has been completed.

D 10275 By Arr 2.0 Hrs/Wk ONLINE ALARCON 06/23-07/31 OP EN1

PSCN 10-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 10176 By Arr 6.7 Hrs/Wk  ONLINE TONG 06/16-08/07 OP ANP
SOCI 4 - ANP is an online PACE course with no required on-campus meetings. Enrollment is restricted to PACE students. For important additional information, 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 10128 Lec MTWF 7:45 1:15 359 ZERMENO 06/16-07/10 OP 041
Lab M/TFW 1:20 2:25 352

O 10151 By Arr 18.0 Hrs/Wk  ONLINE MOON 06/23-07/31 OP EN1
SPA 1A-EN1 is an intensive 6-week online course with no on-campus meetings. Students must have an email account and Internet access to login to Blackboard by the first day of class, Monday June 23rd, to read the announcements and 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 10239 Lec MW 9:30-1:00 353 MOON 06/23-07/31 OP EN2
By Arr 10.4 Hrs/Wk  ONLINE OP
SPA 1A-EN2 is an intensive 6-week hybrid course conducted both on-campus and over the Internet. Class starts Monday, June 23rd. The class will meet Mondays and Wednesdays from 9:30-1:00 pm. Please note: students who do not attend the first Internet 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. For more information, contact cmoon@chabotcollege.edu. Please note: due to the format some previous knowledge of Spanish is recommended for this course.

THEATER ARTS
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 10181 Lec TWR 10:30 2:20 805 LE PELL 06/23-07/31 OP 061

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 10166 Lec TR 3:30 4:50 1564 RAVEICA 06/23-07/31 OP 061
Lab TR 5:00 7:50 1416 OP
Lab Wed 3:30 6:50 1416 OP

SUMMARY OF ONLINE CLASSES
Registering for online or hybrid classes is the same process as for traditional classes. You need daily access to a computer with Internet connection to take an online or hybrid class. If you have not taken an online class before, be sure to check the list of computer requirements and software needs before registering. (List available online at www.chabotcollege.edu/online). On the first day of your class, log into Blackboard to begin. Be sure to attend any required meetings on campus as well. An instructor may drop students who miss the first meeting of a class. Instructors also may drop students who do not log into a Blackboard class site and/or complete assigned activities by the third day of classes.

BEGINNING JUNE 16TH

10065 BUS 1A EN1 FINANCIAL ACCOUNTING 6/16-8/7
10099 BUS 1A EN2 FINANCIAL ACCOUNTING 6/16-8/7
10092 BUS 1B EN1 MANAGERIAL ACCOUNTING 6/16-8/7
10117 BUS 1B EN2 MANAGERIAL ACCOUNTING 6/16-8/7
10279 BUS 3 EN1 NUTRITION SPORTS & HUMAN PERF 6/16-8/7
10271 BUS 8 EN1 PAYROLL ACCOUNTING 6/16-8/7
10051 BUS 10 EN1 BUSINESS LAW 6/16-8/7
10380 BUS 10 EN2 BUSINESS LAW 6/16-8/7
10093 BUS 12 EN1 INTRO TO BUSINESS 6/16-8/7
10381 BUS 12 EN2 INTRO TO BUSINESS 6/16-8/7
10178 BUS 14 EN1 BUSINESS COMMUNICATIONS 6/16-8/7
10272 BUS 22 EN1 INTRO TO MANAGEMENT 6/16-8/7
10084 CAS 50 EN1 INTRO TO COMP. APPL. SYSTEMS 6/16-8/7
10273 CAS 54A EN1 MICROSOFT EXCEL I 6/16-8/7
10377 CNT 82B 081 NETWORKING: SM TO MED BUS/SP 6/16-8/7
10378 CNT 82C 081 ROUTING & SWITCHING IN THE ENT 6/16-8/7
10379 CNT 82D 081 DESIGN & SUPPORT COMP. NET 6/16-8/7
10280 ECD 50 EN1 ECD PRINCIPLES AND PRACTICES 6/16-8/7
10175 ECD 56 EN1 CHILD GROWTH AND DEVELOPMENT 6/16-8/7
10235 ENGL 1A EN1 CRITICAL READING & COMPOSITION 6/16-8/7
10116 ENGL 4 EN1 CRITICAL THINKWRITE LIT 6/16-8/7
10105 HIS 7 AN1 HIS HISTORY THROUGH RECONSTRUCT 6/16-8/7
1007 HIS 12 ENP HISTORY OF CALIFORNIA 6/16-8/7
10083 HLTH 68 EN1 INTRODUCTION TO HEALTH 6/16-8/7
10115 HLTH 1 EN2 INTRODUCTION TO HEALTH 6/16-8/7
10321 HLTH 1 EN3 INTRODUCTION TO HEALTH 6/16-8/7
10438 KINE 1 EN1 INTRO TO KINE & PHYSICAL EDU 6/16-8/7
10324 KINE 11 EN1 NUTRITION SPORTS & HUMAN PERF 6/16-8/7
10141 POSC 1 EN2 INTRO TO AMERICAN GOVERNMENT 6/16-8/7
10125 REST 80 EN1 REAL ESTATE PRINCIPLES 6/16-8/7
10066 REST 84 EN1 REAL ESTATE PRACTICE 6/16-8/7
10288 SOC 1 AN2 PRINCIPLES OF SOCIOLOGY 6/16-8/7
10176 SOC 4 ANP MARRIAGE & FAMILY RELATIONS 6/16-8/7

BEGINNING JUNE 17TH

10168 EYS 52 EN1 EYS MEASUREMENT/TROUBLESHOOTG 6/16-8/7
10167 EYS 54A EN1 ELECTRONIC POWER SYSTEMS I 6/16-8/7
10170 EYS 58 EN1 WIRELESS COMMUNICATION SYSTEMS 6/16-8/7
10162 EYS 60 EN1 ELECTRONIC SYSTEMS ANALYSIS 6/16-8/7

BEGINNING JUNE 23RD

10164 CHEM 10 061 INTRODUCTION TO CHEMISTRY 6/23-7/31
10147 FRNC 1A EN1 BEGINNING FRENCH 6/23-7/31
10230 MUSL 1 EN1 INTRODUCTION TO MUSIC 6/23-7/31
10100 MUSL 3 EN1 WORLD MUSIC 6/23-7/31
10100 NUTR 1 EN1 THE SCIENCE OF NUTRITION 6/23-7/31
10231 PHIL 60 EN1 INTRO TO PHILOSOPHY 6/23-7/31
10089 PHYS 1 061 HUMAN PHYSIOLOGY 6/23-7/31
10259 POSC 1 EN1 INTRO TO AMERICAN GOVERNMENT 6/23-7/31
10275 PSCN 10 EN1 CAREER AND EDUCATION PLANNING 6/23-7/31
10156 PSY 1 EN1 GENERAL PSYCHOLOGY 6/23-7/31
10261 PSY 1 EN2 GENERAL PSYCHOLOGY 6/23-7/31
10436 PSY 1 EN3 GENERAL PSYCHOLOGY 6/23-7/31
10423 RELS 50 EN1 RELIGIONS OF THE WORLD 6/23-7/31
10441 SOC 2 EN1 SOCIAL PROBLEMS 6/23-7/31
10151 SPA 1A EN1 BEGINNING SPANISH 6/23-7/31
10239 SPA 1A EN2 BEGINNING SPANISH 6/23-7/31
ACCOUNTING* (See course listing under Business)

ADMJ 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 Political Science 45 has been completed.

D 21607 Lec Mon 12:00 1:50 553 HANSON 08/18-12/19 OP 001
Lec Wed 12:00 12:50 551 OP
Lec Wed 1:00 1:50 551 OP

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 20072 Lec TR 9:00 10:15 555 PALERMINI 08/18-12/19 OP 001
D 20074 Lec TR 10:30 11:45 555 HANSON 08/18-12/19 OP 002
D 20073 Lec MW 9:00 10:15 553 HANSON 08/18-12/19 OP 003
E 20775 Lec Wed 6:00 8:50 555 MCDANIEL 08/18-12/19 OP 071
E 22724 Lec Thu 6:00 8:50 554 HANSON 08/18-12/19 OP 072

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 20822 Lec Tue 7:00 9:50 555 STAFF 08/18-12/19 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.

D 21502 Lec TR 3:00 4:15 554 MCCLURE-MOORE 08/18-12/19 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 20101 Lec TR 9:00 10:15 557 HANSON 08/18-12/19 GR 001
E 21206 Lec Tue 7:00 9:50 502 STAFF 08/18-12/19 GR 071

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.

D 20569 Lec MW 10:30 11:45 555 STAFF 08/18-12/19 GR 001

ANTH

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.

D 20102 Lec MW 9:00 10:15 503 SINGH 08/18-12/19 OP 001
D 21207 Lec MW 10:30 11:45 503 SINGH 08/18-12/19 OP 002
D 21076 Lec MW 12:00 1:15 503 CASQUEIRO 08/18-12/19 OP 003
D 20485 Lec TR 9:00 10:15 503 GRAVELY 08/18-12/19 OP 004
D 21020 Lec TR 10:30 11:45 503 GRAVELY 08/18-12/19 OP 005
O 22267 Mon 1:30 4:20 505 SINGH 08/18-12/19 OP ON1

By Arr 3.0 Hrs/WK ONLINE

ANTH 1 ON1 is a hybrid class with five (5) mandatory on-campus meetings; First class meeting August 25, September 29, October 27, November 24, December 15.

E 20571 Lec Tue 6:30 9:20 503 MILNER-ROSE 08/18-12/19 OP 071
E 20944 Lec Thu 6:30 9:20 503 GIOVANOLA 08/18-12/19 OP 0P1

This is a PACE Course. Enrollment priority is given to PACE students, but the course will open up to all students on July 21st. For information on the PACE Program, go to http://www.chabotcollege.edu/PACE
ARCHITECTURE

ARCH 2A ARCH DRAWING & GRAPHICS I 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. Prerequisite: Art 2A (completed with a grade of "C" or higher).

ARCH 2B ARCH DRAWING & GRAPHICS II 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).

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.

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 Catalog, and the Uniform Building Code. Prerequisite: Architecture 4A (completed with a grade of "C" or higher).

ARCH 68 CAD ARCHITECTURE & INT DESIGN 3.0 Units
Introduction to computer-aided drafting. Topics include command basics including drawing entity creation and modification, industry layering standards, and architectural applications of computer-aided drafting technology.

ANTH 1L BIOLOGICAL/PHYSICAL ANTHRO LAB 1.0 Unit
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).

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.

ANTH 5 CULTURES OF THE U.S. IN GLOBAL 3.0 Units
Issues relevant to understanding constructs of race, class, gender and culture in U.S. society from a global perspective. Factors affecting U.S. cultural communities including impacts of globalization, patterns of migration, permeability of cultural communities in the U.S., the cultural politics of identity and xenophobia, and other factors influencing modern U.S. society.

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.

ARCH 33 3-D MODELING 3.0 Units
Introduction to 3-dimensional digital modeling using 3-dimensional software. Emphasis on learning basic commands to create 3-dimensional objects including building interiors and exteriors, and defining photo-realistic views with appropriate light sources. Prerequisite: Architecture 68 (completed with a grade of "C" or higher). May not receive credit if Art 33, Interior Design 33, or Photography 33 has been completed.

ARCH 69 INTRO TO FORENSIC ANTHROPOLOGY 3.0 Units
An introductory course in the application of biological anthropological to the medicolegal 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 identification procedures.

ARCH 8A FUNDAMENTALS OF ARCH DESIGN I 4.0 Units
An introductory course in the application of physical anthropology to the medicolegal 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 identification procedures.

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.

ARCH 13 INTRO TO FORENSIC ANTHROPOLOGY 3.0 Units
An introductory course in the application of biological anthropology to the medicolegal 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.

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.

ANTH 13 INTRO TO FORENSIC ANTHROPOLOGY 3.0 Units
An introductory course in the application of biological anthropology to the medicolegal 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.

ANTH 13 INTRO TO FORENSIC ANTHROPOLOGY 3.0 Units
An introductory course in the application of biological anthropology to the medicolegal 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.

ANTH 13 INTRO TO FORENSIC ANTHROPOLOGY 3.0 Units
An introductory course in the application of biological anthropology to the medicolegal 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.

ANTH 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.

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.

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.
ARCH 80 ARCHITECTURE INTERNSHIP 3.0 Units
Architecture Internship in Architecture department setting approved by Architecture faculty as related to student’s architecture firm supervisor to accomplish agreed upon work objectives and broaden experiences. Student provides verification of service experience hours during the term. Students will get an architecture firm approved by architecture faculty and make arrangements for hours and duties directly with architecture firm supervisor. Students will meet with architecture instructor one hour per week on campus for input and hands-on experience discussion focused on architecture firm structure, project procedures, design developments and construction documents. Prerequisite: Architecture 4A, 8A, 33 (completed with a grade of “C” or higher).

D 22750 Lec Wed 2:45 3:35 1008 HUANG 08/18-12/19 GR 001
By Arr 4.0 Hrs/Wk 1008

ART 2A INTRODUCTION TO DRAWING 3.0 Units
Skill development in black and white drawing using composition, light and shade, perspective and other basics applied to realism drawing.

D 20496 Lec MW 9:00 9:50 901 GOLOJUCH 08/18-12/19 GR 001
MW 10:00 10:50 901 GR
D 20263 Lec TR 9:00 9:50 901 GOLOJUCH 08/18-12/19 GR 002
TR 10:00 10:50 901 GR
D 20001 Lec MW 12:00 12:50 901 GOLOJUCH 08/18-12/19 GR 003
MW 1:00 1:50 901 GR
D 22191 Lec TR 1:00 1:50 901 GOLOJUCH 08/18-12/19 GR 004
TR 2:00 2:50 901 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. Introduction to the use of color. Prerequisite: Art 2A (completed with a grade of “C” or higher).

D 21438 Lec MW 9:00 9:50 901 GOLOJUCH 08/18-12/19 GR 001
MW 10:00 10:50 901 GR
D 21450 Lec TR 9:00 9:50 901 GOLOJUCH 08/18-12/19 GR 002
TR 10:00 10:50 901 GR
D 21452 Lec MW 12:00 12:50 901 GOLOJUCH 08/18-12/19 GR 003
MW 1:00 1:50 901 GR
D 22192 Lec TR 1:00 1:50 901 GOLOJUCH 08/18-12/19 GR 004
TR 2:00 2:50 901 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 21439 Lec MW 9:00 9:50 901 GOLOJUCH 08/18-12/19 GR 001
MW 10:00 10:50 901 GR
D 21451 Lec TR 9:00 9:50 901 GOLOJUCH 08/18-12/19 GR 002
TR 10:00 10:50 901 GR
D 21453 Lec MW 12:00 12:50 901 GOLOJUCH 08/18-12/19 GR 003
MW 1:00 1:50 901 GR
D 22193 Lec TR 1:00 1:50 901 GOLOJUCH 08/18-12/19 GR 004
TR 2:00 2:50 901 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 20324 Lec MW 9:00 9:50 1006 Staff - Fi 08/18-12/19 OP 001
MW 10:00 10:50 1006 OP
D 20002 Lec MW 12:00 12:50 1006 Staff - Fi 08/18-12/19 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 20003 Lec MW 9:00 9:50 1006 Staff - Fi 08/18-12/19 OP 001
MW 10:00 11:50 1006 OP
D 20912 Lec MW 12:00 12:50 1006 Staff - Fi 08/18-12/19 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 stressing individual philosophies and expressions. Strongly recommended: Art 3B (completed with a grade of “C” or higher).

D 20004 Lec MW 9:00 9:50 1006 Staff - Fi 08/18-12/19 OP 001
MW 10:00 11:50 1006 OP
D 20913 Lec MW 12:00 12:50 1006 Staff - Fi 08/18-12/19 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 20005 Lec MW 9:00 9:50 1006 Staff - Fi 08/18-12/19 OP 001
MW 10:00 11:50 1006 OP
D 20914 Lec MW 12:00 12:50 1006 Staff - Fi 08/18-12/19 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 20277 Lec TR 9:00 9:50 1006 Staff - Fi 08/18-12/19 OP 001
TR 10:00 11:50 1006 OP

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 20278 Lec TR 9:00 9:50 1006 Staff - Fi 08/18-12/19 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 20279 Lec TR 9:00 9:50 1006 Staff - Fi 08/18-12/19 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 20280 Lec TR 9:00 9:50 1006 Staff - Fi 08/18-12/19 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 20281 Lec TR 9:00 9:50 1006 Staff - Fi 08/18-12/19 OP 001
TR 10:00 11:50 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 22731 Lec TR 1:00 1:50 1006 Staff - Fi 08/18-12/19 OP 001
TR 2:00 3:50 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 22732 Lec TR 1:00 1:50 1006 Staff - Fi 08/18-12/19 OP 001
TR 2:00 3:50 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 22733 Lec TR 1:00 1:50 1006 Staff - Fi 08/18-12/19 OP 001
TR 2:00 3:50 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 22734 Lec TR 1:00 1:50 1006 Staff - Fi 08/18-12/19 OP 001
TR 2:00 3:50 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 22735 Lec TR 1:00 1:50 1006 Staff - Fi 08/18-12/19 OP 001
TR 2:00 3:50 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 22736 Lec TR 1:00 1:50 1006 Staff - Fi 08/18-12/19 OP 001
TR 2:00 3:50 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 22737 Lec TR 1:00 1:50 1006 Staff - Fi 08/18-12/19 OP 001
TR 2:00 3:50 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. Prerequisite: Art 16A (completed with a grade of “C” or higher).
D 20006 Lec TR 1:00 1:50 1016 Staff - Fi 08/18-12/19 GR 001
TR 2:00 3:50 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 20007 Lec TR 1:00 1:50 1016 Staff - Fi 08/18-12/19 GR 001
TR 2:00 3:50 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 20008 Lec TR 1:00 1:50 1016 Staff - Fi 08/18-12/19 GR 001
TR 2:00 3:50 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 20009 Lec TR 1:00 1:50 1016 Staff - Fi 08/18-12/19 GR 001
TR 2:00 3:50 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. Prerequisite: Art 16C (completed with a grade of “C” or higher).
D 22114 Lec TR 9:00 9:50 1012 THIEL 08/18-12/19 GR 001
Lab TR 10:00 11:50 1012 OP 001

ART 17B BEGINNING SCULPTURE II 3.0 Units
Further development of the technical skills of three-dimensional sculpture and has 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 22115 Lec TR 9:00 9:50 1012 THIEL 08/18-12/19 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. Prerequisite: Art 16D (completed with a grade of “C” or higher).
D 22135 Lec MW 9:00 9:50 1012 THIEL 08/18-12/19 GR 001
Lab MW 10:00 11:50 1012 GR

ART 18B WOOD AND STONE SCULPTURE II 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 22136 Lec MW 9:00 9:50 1012 THIEL 08/18-12/19 GR 001
Lab MW 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 20012 Lec MW 9:00 9:50 1012 THIEL 08/18-12/19 GR 001
MW 10:00 11:50 1012 GR

ART 21 IND PRJTS IN CERAMIC SCULPTURE 3.0 Units
Projects in Ceramic Sculpture for intermediate to advanced students. Building on previous knowledge of and skills required from previous assignments in Beginning Sculpture, students will produce artwork that expresses their individual styles. Strongly Recommended: Art 17A (completed with a grade of “C” or higher).
D 21053 Lec TR 9:00 9:50 1012 THIEL 08/18-12/19 GR 001
TR 10:00 11:50 1012 GR
FALL 2014

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ART 22 METAL SCULP-LOST WAX BRNZ CSTG 3.0 Units
Comprehensive introduction to various metal sculpture processes. Mold-making techniques for casting bronze, aluminum, as well as basic welding. Emphasis on three-dimensional design quality, craftsmanship, and subject matter, with research in the history of traditional and contemporary metal sculpture.
D 21533 Lec MW 9:00 9:50 1012 THIEL 08/18-12/19 GR 001
MW 10:00 11:50 1012

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 21710 Lec TR 1:00 1:50 1008 THIEL 08/18-12/19 GR 001
2:00 3:50 1008

ART-HISTORY

ARTH 1 INTRODUCTION TO ART 3.0 Units
Architecture, sculpture, painting, photography and design in human inventiveness in providing for material and aesthetic needs; orientation to contemporary and historic art forms and principles.
D 20958 Lec MW 10:30 11:45 804 ZULIANI 08/18-12/19 OP 001
D 20957 Lec MW 12:00 1:15 804 ZULIANI 08/18-12/19 OP 002

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 21437 Lec MW 3:00 4:15 804 ZULIANI 08/18-12/19 OP 001
D 21938 Lec TR 10:30 11:45 804 ZULIANI 08/18-12/19 OP 002

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.
E 21534 Lec Tue 6:30 9:20 804 MULLER 08/18-12/19 OP 071

ARTH 20 HISTORY OF PHOTOGRAPHY 3.0 Units
A broad chronological survey of photography from its invention to the present. Considers the medium’s dual role as technology and art. Addresses a multiplicity of photographic themes and purposes. Considers the intersections of photography and technology, history, art, and everyday life. May not receive credit if Photography 67 and Art 67 have been completed.
E 22742 Lec Mon 6:00 8:50 804 Staff – Fi 08/18-12/19 OP 071

ARTH 50 INTRO MUSEUM & GALLERY TECHN 3.0 Units
Learn the display of visual art within a museum/gallery space. Meet artists from the Bay Area and beyond, learn the meaning behind their artwork, and gain hands-on practice in a range of activities covering the presentation, handling and security of original artwork in the Chabot Art Gallery.
D 21203 Lec TR 12:00 12:50 552 MONES 08/18-12/19 OP 001
Lab TR 1:00 2:15 552

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 20046 Lec MW 10:30 11:45 1902 LEE 08/18-12/19 OP 001
D 21688 Lec TR 10:30 11:45 1902 DAVE 08/18-12/19 OP 002

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.
D 20932 Lec TR 9:00 10:15 1902 DAVE 08/18-12/19 OP 001
D 22027 Lec TR 1:30 2:45 1902 DAVE 08/18-12/19 OP 002

ASTR 30 INTRO TO ASTRONOMY LAB 1.0 Unit
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 21689 Lab Tue 6:30 9:20 1806 DAVE 08/18-12/19 OP 071

AUTOMOTIVE TECHNOLOGY

ATEC 2 AUTOMATIC TRANSMISS & 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. Students must have an email account and internet access by the first day of class. May not receive credit if Automotive Technology 64B has been completed.
D 21649 Lec Tue 8:00 9:15 1406 BAUM 08/18-12/19 GR 001
Lab Tue 9:30 11:20 1406
Lab Thur 8:00 11:50 1406

ATEC 3 MANUAL TRANSMISIONS & TRANSAX 3.0 Units
Automotive Manual Transmission fundamentals including: Diagnosis, inspection, repair and adjustment of automotive manual drive train and axle assemblies, final drives, clutches, viscous couplings, and transfer cases. Two, four and all wheel drive assemblies, service and repair. Prerequisite: Automotive Technology 50 (may be taken concurrently) or equivalent. Students must have an email account and internet access by the first day of class. May not receive credit if Automotive Technology 64A has been completed.
E 21650 Lec Tue 6:30 7:45 1406 SNIDER 08/18-12/19 GR 071
Lab Tue 8:00 9:20 1406
Lab Thur 6:30 10:00 1406

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 and internet access by the first day of class.
D 21651 Lab Mon 8:00 10:50 1426 BAUM 08/18-12/19 GR 001
Lec Wed 8:00 9:15 1418
Lab Wed 9:30 11:30 1426
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. Students must have an email account and internet access by the first day of class. May not receive credit if Automotive Technology 65 has been completed.

   CRN Type Day(s) Times Room Instructor Dates Code Sec
   D 21653 Lec Mon 1:00  2:15  1418 BAUM  08/18-12/19 GR  001
   Lab Mon 2:30  4:00  1426  GR
   Lab Wed 1:00  4:30  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. Students must have an email account and internet access by the first day of class. May not receive credit if Automotive Technology 60 has been completed.

   CRN Type Day(s) Times Room Instructor Dates Code Sec
   D 21654 Lec Mon 10:30 11:50  1426 SMALL  08/18-12/19 GR  001
   Lec Mon 8:00 10:15  1635  GR
   Lab Wed 8:00 11:50  1426  GR
   E 22717 Lab Mon 6:00 9:50  1426 BAUM  08/18-12/19 GR  071
   Lec Wed 6:00 7:15  1635  GR
   Lab Wed 8:00 9:20  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 or equivalent. Students must have an email account and internet access by the first day of class. May not receive credit if Automotive Technology 61 has been completed.

   CRN Type Day(s) Times Room Instructor Dates Code Sec
   D 21657 Lec Mon 1:00  4:45  1426 SMALL  08/18-12/19 GR  001
   Lec Wed 1:00  3:15  1418  GR
   Lab Wed 3:30  4:50  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 6A or equivalent. May not receive credit if Automotive Technology 71 or 71B has been completed.

   CRN Type Day(s) Times Room Instructor Dates Code Sec
   D 22718 Lec Thur 1:00  2:15  1418 SMALL  08/18-12/19 GR  001
   Lab Thur 2:30  3:45  1426  GR
   Lab Tue 1:00  4:15  1426  GR

ATEC 50  INTRO AUTOMOTIVE TECH  3.0 Units
Automotive industry fundamentals including engine operating principles; engine teardown and diagnosis; faster speed recognition, use and repair; hand tool identification and usage; electrical fundamentals; service information access and use; automotive chemical and fluid applications; hazardous waste handling; general shop equipment usage and shop safety. Students must have an email account and internet access by the first day of class.

   CRN Type Day(s) Times Room Instructor Dates Code Sec
   D 20764 Lec Tue 8:00  10:30  1418 SMALL  08/18-12/19 OP  001
   Lab Thur 8:00  10:30  1426  OP
   D 21482 Lec Thur 1:00  3:30  1426 BAUM  08/18-12/19 OP  002
   Lec Tue 1:00  3:30  1418  OP
   E 20765 Lec Thu 6:30  9:00  1418 ESPINOZA  08/18-12/19 OP  071
   Lab Tue 6:30  9:00  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: Automotive Technology 50 (completed with a grade of “C” or higher).

   CRN Type Day(s) Times Room Instructor Dates Code Sec
   D 22729 Lec Tue 8:00 10:30  1635 SHADBOLT  08/18-12/19 GR  001
   Lab Thur 8:00 9:30  1426  GR

ATEC 90  HYBRID VEHICLE OPERAT & SVC  2.0 Units
Study of hybrid vehicle architecture, operation, and servicing. Prerequisite: Automotive Technology 50 or equivalent. Highly recommended: Automotive Technology 2, 5, 6A, 8, 10 or equivalent. Students must have an email account and internet access by the first day of class.

   CRN Type Day(s) Times Room Instructor Dates Code Sec
   E 21560 Lec Mon 6:00 8:50  1418 SNIDER  10/13-12/03 OP  E71
   Lab Wed 6:00 9:50  1426  GR

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 and internet access by the first day of class.

   CRN Type Day(s) Times Room Instructor Dates Code Sec
   E 21659 Lec Mon 6:00 8:50  1418 SNIDER  08/18-10/08 OP  E71

AUTOMOTIVE TECHNOLOGY-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.

   CRN Type Day(s) Times Room Instructor Dates Code Sec
   D 21335 Lec Wed 12:10  4:00  3407 SHADBOLT  08/18-12/19 GR  001
   Lab Fri 8:00  12:20  3410  GR
   BMW 10 registration needs prior faculty approval. See Mike Sherburne, room 1548, or email for an appointment at msherburne@chabotcollege.edu Students must have an email account and internet access by the first day of class.

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. Strongly recommended: ATEC 6A. Students must have an email account and internet access by the first day of class.

   CRN Type Day(s) Times Room Instructor Dates Code Sec
   D 21531 Lec Mon 8:00 12:45  3410 SHERBURNE  08/18-12/19 GR  001
   Lec Wed 8:00  10:50  3407  GR
   Lab Wed 11:00 13:50  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, BMW 20. Strongly Recommend ATEC 4, ATEC 5. Students must have an email account and internet access by the first day of class.

   CRN Type Day(s) Times Room Instructor Dates Code Sec
   D 21540 Lec Thur 8:00 10:50  3407 SHERBURNE  08/18-12/19 GR  001
   Lab Tue 8:00 12:45  3410  GR
   Lab Thu 11:00 13:51  3410  GR
### BIOL 6 PRINCIPLES OF PLANT BIOLOGY & ECOLOGY 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.

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### 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 biological sciences. Designed for non-majors in biology or the biomedical sciences.

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### 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.

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### 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 65B or 65Y and eligibility for English 1A or 52A.

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### 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 paramedical and medical assisting programs and pre-medical students who wish to explore the realm of anatomy and physiology.

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### 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.

- **Department:** Environmental Science
- **Course Details:** 10, 11, and 12 may be combined for a maximum of 4 units.

  - D 21054 Lec TR 10:30-11:45 1802 ALEX 08/18-12/19 GR 001

### 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:** Chemistry 30A and Anatomy 1 (both completed with a grade of “C” or higher).

  - D 20931 Lec WF 7:30-8:45 2124 ENRIQUEZ 08/18-12/19 GR 001
  - Lab WF 9:00-11:50 2124 GR
  - D 20930 Lec TR 7:30-8:45 2124 ENRIQUEZ 08/18-12/19 GR 002
  - Lab TR 9:00-11:50 2124 GR
  - D 20490 Lec MW 1:15-2:30 2124 MARTINEZ-RO 08/18-12/19 GR 003
  - Lab MW 2:45-5:35 2124 GR
  - E 20491 Lec MW 5:45-7:00 2124 CORONADO 08/18-12/19 GR 071
  - Lab MW 7:15-10:05 2124 GR
  - E 20756 Lec TR 5:45-7:00 2124 TSAO 08/18-12/19 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).

  - D 22803 Lec MW 7:45-9:00 2102 MARAWALA 08/18-12/19 GR 001
  - Lab MW 9:05-11:55 2102 GR
  - D 20668 Lec TR 7:45-9:00 2102 WU 08/18-12/19 GR 002
  - Lab TR 9:05-11:55 2102 GR
  - D 20935 Lec MW 1:00-2:15 2102 MARAWALA 08/18-12/19 GR 003
  - Lab MW 2:20-5:10 2102 GR
  - E 20936 Lec MW 5:45-7:00 2102 MAJESKI 08/18-12/19 GR 071
  - Lab MW 7:15-10:05 2102 GR
  - O 20721 Lec Thu 1:00-2:15 2102 MARAWALA 08/18-12/19 GR ON1
  - Lab Thu 2:30-5:00 2102 GR
  - By Arr 4.7 Hrs/Wk ONLINE GR

  This is a hybrid format class where students will do the same lab activities, but half of them are done outside the class by Physiology interactive DVD issued with the course lab manual. The interactive software also covers a lot of the diacritics for the course, with special issues being covered in class. This section meets on the assigned weekday on campus. Students are required to have access to a PC operating Windows or Intel Mac with Mac OS 10.5 or higher that can handle a exe program have access to the college’s website. The first day of class will serve as orientation, and students are required to purchase their lecture/lab book pack the first day so that they can start working on the coursework.

### 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.

- **Prerequisite:** Chemistry 30A and Anatomy 1 (both completed with a grade of “C” or higher).

  - D 20541 Lec Mon 10:30-12:50 1607 KALVAGIN 08/18-12/19 OP 001
  - Lab Wed 10:30-11:50 1607 OP
  - Lab Wed 12:00-1:20 1607 OP
  - D 20016 Lec Mon 8:00-10:20 1607 KALVAGIN 08/18-12/19 OP 003
  - Lab Wed 8:00-9:20 1607 OP
  - Lab Wed 9:30-10:20 1607 OP
  - D 21530 Lec TR 10:30-11:45 301 WONG 08/18-12/19 OP 004
  - By Arr 2.0 Hrs/Wk ONLINE OP
  - BUS 1A-004 is a hybrid course, with a portion of the class taught online. For important additional information, go to http://www.chabotcollege.edu/online

  - D 21861 Lec Mon 1:00-3:20 301 KLEIN 08/18-12/19 OP 005
  - Lab Wed 1:00-2:20 301 OP
  - Lab Wed 2:30-3:20 301 OP
  - E 20017 Lec Mon 6:30-8:50 301 KLEIN 08/18-12/19 OP 071
  - Lab Wed 6:30-7:50 301 OP
  - Lab Wed 8:00-8:50 301 OP

  BUS 1A-071 is a hybrid course, with a portion of the class taught online.

  - O 20778 By Arr 5.0 Hrs/Wk ONLINE BHANGAL 08/18-12/19 OP ON1
  - O 21036 By Arr 5.0 Hrs/Wk ONLINE WONG 08/18-12/19 OP ON2
  - O 21126 By Arr 5.0 Hrs/Wk ONLINE WONG 08/18-12/19 OP ON3

  BUS 1A-011 & 012 & 013 are online courses, with no required on-campus meetings. For important additional information, go to http://www.chabotcollege.edu/online

  - O 20907 By Arr 5.0 Hrs/Wk ONLINE KALVAGIN 08/18-12/19 OP ON4

  BUS 1A-014 is an online course, with one required on-campus meeting. A student must choose one of the following meetings: Monday, August 18, 5:30-6:20 p.m. OR Saturday, August 23, 10:00-10:50 a.m. in building 400, room 455. 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, volume-profit analysis, profit planning, budgeting, budgetary controls, cost controls, accounting for manufacturing costs and ethics.

- **Prerequisite:** Business 1A (completed with a grade of “C” or higher).

  - D 20540 Lec MW 8:30-10:20 301 HOM 08/18-12/19 OP 001
  - O 20908 By Arr 4.0 Hrs/Wk ONLINE WONG 08/18-12/19 OP ON1
  - O 21037 By Arr 4.0 Hrs/Wk ONLINE WONG 08/18-12/19 OP ON2

  BUS 1B-011 & 012 is an online course, with no required on-campus meetings. For important additional information, go to http://www.chabotcollege.edu/online

### BUS 3 INCOME TAX ACCOUNTING 4.0 Units
Analysis of the current Federal regulations that affect the income tax liability of individuals. Emphasis on the Federal rules and differences in the California Law.

- D 21598 Lec TR 9:00-10:15 1607 HATTER 08/18-12/19 OP 001

  BUS 3-001 is taught partially online. Students must have an email account and Internet access by the first day of class.

  - O 20550 By Arr 4.0 Hrs/Wk ONLINE Staff - Ap 08/18-12/19 OP ON1

  BUS 3-011 is an online course, with no required on-campus meetings. For important additional information, go to http://www.chabotcollege.edu/online

### 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 22739 By Arr 3.0 Hrs/Wk ONLINE HUNTING 08/18-12/19 GR ON1

  BUS 4-011 is an online course, with no required on-campus meetings. For important additional information, go to http://www.chabotcollege.edu/online
BUS 7 PRACTICING ACCOUNTING FOR SMALL BUSINESS 3.0 Units

Bookkeeping practices for a sole proprietorship, Debit and credit practice, books of original entry, ledgers, working papers, adjusting and closing entries, income statement, balance sheets, and statement of owner's equity, cash, payroll, special journals, merchandising firms.

D 20551 Lec Mon 1:00 2:50 1607 KALYAGIN 08/18-12/19 OP 001
Lec Wed 1:00 1:50 1607 OP
Lab Wed 2:00 2:50 1607 OP
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.

O 21128 Lec Tue 1:00 3:50 1607 KALYAGIN 09/16-12/19 OP E01
BUS 7-E01 is taught partially online. Student must have an E-mail account and internet access by the first day of class. For important additional information, go to http://www.chabotcollege.edu/online

O 20984 By Arr 4.0 Hrs/Wk ONLINE KLEIN 08/18-12/19 OP ON1
BUS 7-ON1 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.

D 20103 Lec MW 10:30 11:45 301 HOM 08/18-12/19 OP 001
O 20985 By Arr 3.0 Hrs/Wk ONLINE BHANGAL 08/18-12/19 OP ON1
BUS 8-ON1 is an online course, with no required on-campus meetings. For important additional information, go to http://www.chabotcollege.edu/online

O 21038 By Arr 4.0 Hrs/Wk ONLINE RUIZ 08/18-12/19 GR ON1
O 20688 By Arr 4.0 Hrs/Wk ONLINE RUIZ 08/18-12/19 GR ON2
O 20908 By Arr 3.0 Hrs/Wk ONLINE NOVAK 08/18-12/19 GR ON3
O 22738 By Arr 4.0 Hrs/Wk ONLINE NOVAK 08/18-12/19 GR ON4
BUS 8-ON1& ON2& ON3& ON4 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). Student must have an email account & internet access by the first day of class.

D 20543 Lec MW 9:00 10:15 1609 YOO 08/18-12/19 OP 001
D 20544 Lec MW 10:30 11:45 1609 YOO 08/18-12/19 OP 002
D 20546 Lec MW 1:00 2:15 1609 YOO 08/18-12/19 OP 003
D 20987 Lec TR 9:00 10:15 1613 Staff - Ap 08/18-12/19 OP 004
D 20545 Lec TR 10:30 11:45 1613 KLEIN 08/18-12/18 OP FY1
BUS 12-FY1 is for students in our First Year Experience (FYE) program. FYE offers students the core classes they need to transfer in a timely manner. Business Career and major exploration are built into FYE along with tutoring if needed. For information and an application please visit us at http://www.chabotcollege.edu/Counseling/TECS/FYE.asp

E 20548 Lec Thu 6:30 9:20 455 LALAMI 08/18-12/19 OP 071
E 20549 By Arr 3.0 Hrs/Wk ONLINE PINKAS 08/18-12/19 OP ON1
O 21107 By Arr 3.0 Hrs/Wk ONLINE PINKAS 08/18-12/19 OP ON2
O 20988 By Arr 3.0 Hrs/Wk ONLINE PINKAS 08/18-12/19 OP ON3
BUS 12-ON1& ON2& ON3 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.

D 21599 Lec TR 9:00 10:15 1609 PATTERSON 08/18-12/19 GR 001
Lab By Arr 1.0 Hrs/Wk ONLINE GR
BUS 14-001 is partially taught online. (3 hours classroom + 1 hour online each week). For important additional information, go to http://www.chabotcollege.edu/online

E 20552 Lec Tue 6:30 9:20 301 PATTERSON 08/18-12/19 GR 071
By Arr 1.0 Hrs/Wk ONLINE GR
BUS 14-071 is partially taught on-line (3 hrs classroom + 1 hr online each week). For important additional information, go to http://www.chabotcollege.edu/online

O 20553 By Arr 4.0 Hrs/Wk ONLINE IANNIELLO 08/18-12/19 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.

E 21577 Lec Thu 6:30 9:20 1611 HATTER 08/18-12/19 OP 071
BUS 16-071 is taught partially online. Students must have an email account and Internet access by the first day of class.

O 20554 By Arr 3.0 Hrs/Wk ONLINE PINKAS 08/18-12/19 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 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.

D 20555 Lec TR 9:00 10:15 301 PINKAS 08/18-12/19 OP 001
Student must have an email account & internet access by the first day of class.

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 20989 Lec TR 10:30 11:45 1607 Staff - Ap 08/18-12/19 OP 001
O 20556 By Arr 3.0 Hrs/Wk ONLINE KLEIN 08/18-12/19 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 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 20989 Lec TR 10:30 11:45 1607 Staff - Ap 08/18-12/19 OP 001
O 20556 By Arr 3.0 Hrs/Wk ONLINE KLEIN 08/18-12/19 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 23 MANAGING ORGANIZATIONAL BEHAVIOR 3.0 Units

Theories and techniques of management, analysis of situations, management problems, team building, negotiation, motivation, leadership, budgeting, planning, decision-making, problem-solving, and organizational behavior.

E 20557 Lec Thu 6:30 9:20 301 PINKAS 08/18-12/19 OP 071
BUS 23-071 is partially taught online. Students must have an email account and Internet access by the first day of class.

O 20560 By Arr 3.0 Hrs/Wk ONLINE PINKAS 08/18-12/19 OP ON1
BUS 23-ON1 is an online course, with no required on-campus meetings. For important additional information, go to http://www.chabotcollege.edu/online

BUS 24 WRITING IN THE ACAD EMIC AND PROFESSIONAL CONTEXTS 3.0 Units

Development of writing skills in the fields of academic and professional contexts. Emphasis on various types of argumentation, including expository, descriptive, and persuasive styles; the drafting, revising, and editing process; and the use of appropriate technology in the writing process.

O 20561 By Arr 3.0 Hrs/Wk ONLINE PINKAS 08/18-12/19 OP ON1
BUS 24-ON1 is an online course, with no required on-campus meetings. For important additional information, go to http://www.chabotcollege.edu/online

BUS 25 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.

D 20555 Lec TR 9:00 10:15 301 PINKAS 08/18-12/19 OP 001
Student must have an email account & internet access by the first day of class.
| 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 20990 By Arr 3.0 Hrs/Wk  ONLINE PINKAS 08/18-12/19 GR ON1 | BUS 34-ON1 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. | D 21921 Lec TR 10:30 11:45 1609 PATTERSON 08/18-12/19 GR 001 | Students must have an email account and internet access by the first day of class. |
| 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 20910 By Arr 3.0 Hrs/Wk  ONLINE LALAMI 08/18-12/19 OP ON1 | BUS 40-ON1 is an online course, with no required on-campus meetings. For important additional information, go to http://www.chabotcollege.edu/online |
| BUS 50C | INTERVIEWING FOR SUCCESS | 1.0 Unit | Principles and techniques of successful employment interviews: interview preparation, selling your qualifications, managing difficult qualifications, following up on the interview. | O 21039 By Arr 3.0 Hrs/Wk  ONLINE LALAMI 09/29-11/03 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 50J | TIME MANAGEMENT SKILLS | 1.0 Unit | 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 22741 By Arr 3.0 Hrs/Wk  ONLINE SILVA-WILK 09/29-11/03 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 Unit | 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 21040 By Arr 3.0 Hrs/Wk  ONLINE IANNIELLO 08/18-09/26 OP EN1 | BUS 50K-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 50L | CAREERS IN BUSINESS | 1.0 Unit | Exploration of the wide variety of potential careers in business, and the educational preparation appropriate for those careers. | O 21041 By Arr 3.0 Hrs/Wk  ONLINE LALAMI 11/04-12/12 OP EN1 | BUS 50L-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 50P | QUALITY CUSTOMER SERVICE | 1.0 Unit | 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 21132 By Arr 3.0 Hrs/Wk  ONLINE LALAMI 11/04-12/12 OP EN1 | BUS 50P-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 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 22164 By Arr 3.0 Hrs/Wk  ONLINE LEADBATER 08/18-12/19 OP ON1 | BUS 70-ON1 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, Business 7, or equivalent AND Computer Application Systems 54A or Computer Application Systems 72E. | D 22165 Lec Mon 12:00 1:15 TBA HOM 08/18-12/19 OP 001 | Lab Wed 12:00 1:15 TBA OP |
| 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. | E 21133 Lec Wed 6:00 6:50 1611 DORSETT 08/18-12/19 OP 071 | Lab Wed 7:00 8:50 1611 OP |
| 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 20566 By Arr 15.0 Hrs/Wk  TBA PINKAS 08/18-12/19 OP 001 |
| BUS 96 | BUSINESS WK EXPERIENCE SEMINAR | 1.0 Unit | 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 20567 By Arr 1.0 Hrs/Wk  ONLINE PINKAS 08/18-12/19 OP ON1 | WEXP 96-ON1 is an online course with no required on-campus meetings. For important additional information, go to http://www.chabotcollege.edu/online |
| CHEM 1A | GENERAL COLLEGE CHEMISTRY I | 5.0 Units | Introduction to atomic structure, bonding, stoichiometry, thermochernistry, 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 or 55Y 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. |

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CHEM 1B GENERAL COLLEGE CHEMISTRY II 5.0 Units
Continuation of Chemistry 1A. 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 20476 Lec Mon 7:30 8:45 3934 SCHLEGEL 08/18-12/19 GR 001
Lab Mon 9:00 10:15 3934 GR
Lab W F 7:30 10:20 3923
D 21558 Lec TR 7:30 8:45 1802 DOCKTER 08/18-12/19 GR 002
Lab TR 9:00 11:50 3923

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 20426 Lec Mon 5:30 8:20 3934 GIBSON 08/18-12/19 OP ON1
By Arr 3.0 Hrs/Wk ONLINE OP
CHEM 10, section (ON1) 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
The structure, nomenclature, bonding, stereochemistry, conformational analysis, physical properties in relation to alkanes, alkyl halides, alkenes, alkyne, alcohols, and ethers. Emphasis on reactivity and reaction mechanisms. Multi-step synthesis is also introduced. Laboratory work includes microscale, semi-microscale, spectroscopic, and chromatographic techniques. Chemistry 12A is the first semester in a year 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 20057 Lec MW 10:00 11:15 3932 GIBSON 08/18-12/19 GR 001
Lab Mon 11:20 12:10 3931
Lab Tue 7:10 12:00 3931
D 20579 Lec MW 10:00 11:15 3932 GIBSON 08/18-12/19 GR 002
Lab Wed 11:20 12:10 3931
Lab Thu 7:10 12:00 3931
D 20784 Lec Mon 10:45 12:00 1906 WELLS 08/18-12/19 GR 003
Lab Mon 12:15 1:05 3931
Lab Tue 1:00 5:50 3931
Lab Wed 12:15 1:05 3931
Lab Fri 8:00 12:50 3931

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 for certain majors in the allied health sciences and technological fields. Prerequisite: Chemistry 30A (completed with a grade of “C” or higher).

D 20381 Lec MW 7:30 8:45 1801 DOCKTER 08/18-12/19 GR 001
Lab Mon 9:00 11:50 3901
D 20706 Lec MW 7:30 8:45 1801 DOCKTER 08/18-12/19 GR 002
Lab Wed 9:00 11:50 3901
E 21456 Lec TR 5:45 7:00 1904 SCHUMACHER 08/18-12/19 GR 071
Lab Tue 7:05 9:55 3901
E 22083 Lec TR 5:45 7:00 1904 SCHUMACHER 08/18-12/19 GR 072
Lab Thur 7:05 9:55 3901

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. Designed for certain majors in the allied health sciences and technological fields. Prerequisite: Chemistry 30A (completed with a grade of “C” or higher).

D 20064 Lec MW 12:00 1:15 1801 PITCHER 08/18-12/19 OP 001
Lab Mon 1:30 4:20 3921
D 20065 Lec MW 12:00 1:15 1801 PITCHER 08/18-12/19 OP 002
Lab Wed 1:30 4:20 3921
D 20066 Lec TR 1:15 2:30 1801 Staff - Sc 08/18-12/19 OP 003
Lab Tue 2:40 5:30 3921
D 21043 Lec TR 1:15 2:30 1801 Staff - Sc 08/18-12/19 OP 004
Lab Thur 2:40 5:30 3921
E 20067 Lec TR 5:30 6:45 1801 Staff - Sc 08/18-12/19 OP 071
Lab Tue 6:50 9:40 3921
E 22084 Lec TR 5:30 6:45 1801 Staff - Sc 08/18-12/19 OP 072
Lab Thur 6:50 9:40 3921

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 21334 Lec MW 9:00 10:15 810 KEELING-HAI 08/18-12/19 OP 001
D 21171 Lec MW 9:00 10:15 501 Staff - Fi 08/18-12/19 OP 002
D 21172 Lec TR 9:00 10:15 857 Staff - Fi 08/18-12/19 OP 003
D 21309 Lec MW 3:00 4:15 802 AMES 08/18-12/19 OP 004
D 21187 Lec TR 1:30 2:45 851 Staff - Fi 08/18-12/19 OP 005
D 21175 Lec TR 7:30 8:45 811 Staff - Fi 08/18-12/19 OP 006
D 21176 Lec TR 9:00 10:15 810 Staff - Fi 08/18-12/19 OP 007
D 21178 Lec TR 9:00 10:15 801 Staff - Fi 08/18-12/19 OP 008
D 21180 Lec TR 10:30 11:45 801 Staff - Fi 08/18-12/19 OP 009
D 21182 Lec TR 2:30 3:45 804 MARTINEZ 08/18-12/19 OP 010
D 21181 Lec TR 3:00 4:15 851 Staff - Fi 08/18-12/19 OP 011
D 21174 Lec Wed 12:00 2:50 510 WARDA 08/18-12/19 OP 012
D 21184 Lec Fri 9:00 11:50 501 Staff - Fi 08/18-12/19 OP 013
D 21183 Lec TR 1:00 2:15 852 Staff - Fi 08/18-12/19 OP 014
D 21915 Lec MW 10:30 11:45 810 Staff - Fi 08/18-12/19 OP 015
D 21916 Lec MW 12:00 1:15 801 KEELING-HAI 08/18-12/19 OP 016
D 22257 Lec TR 12:00 1:15 501 Staff - Fi 08/18-12/19 OP 017
D 21173 Lec TR 10:30 11:45 3934 WARDA 08/18-12/19 OP CIN
CIN (Change it Now!) is an academically based leadership program designed to empower students interested in social change, who also plan to transfer to four-year colleges and universities. Students enrolled in the program explore pertinent issues facing their communities and develop strategies to foster change. CIN students build strong relationships with each other and cultivate skills to become leaders in their communities. The program is open to all students who meet the qualifications for Chabot College enrollment. Students can enroll in as many CIN classes as they want. To enroll: 1) ADD THE CLASS 2) VISIT OUR WEBSITE: www.chabotcollege.edu/cin.

(COMM 1 CONTINUED ON NEXT PAGE)
## COMM 1 (CONTINUED)

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This is a PACE Course. Enrollment priority is given to PACE students, but the course will open up to all students on July 21st. For information on the PACE Program, go to http://www.chabotcollege.edu/PACE

### COMM 2 ORAL INTERPRETATION OF LITERATURE 3.0 Units

Development of skills in reading quality literature aloud; practice in writing scholarly criticism of the literature presented orally.

D 22875 Lec TR 10:30-11:45 810 Staff - Fi 08/18-12/19 GR 001

### COMM 3 GROUP COMMUNICATION 3.0 Units

Communication in small group situations. Role of communication in various group processes, including norms, roles, leadership and decision-making, with application to modern concepts of organizational communication. Includes participation in simulation exercises and group activities.

D 21509 Lec MW 12:00-1:15 852 MARTINEZ 08/18-12/19 OP 001

### 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 21189 Lec MW 10:30-11:45 801 MARTINEZ 08/18-12/19 OP 001
D 22688 Lec Thu 6:30-9:20 802 WARDKA 08/18-12/19 OP 002

### 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 the practical application of skills for effective communication between people of different domestic and international cultures.

D 21190 Lec MW 1:30-2:45 558 MARTINEZ 08/18-12/19 OP 001

### COMM 20 PERSUASION AND COMMUNICATION 3.0 Units

Investigation and development of persuasive techniques, strategies, and theories throughout and ancient 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 21863 Lec MW 1:30-2:45 802 Staff - Fi 08/18-12/19 GR 001

### 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 21191 Lec MW 10:30-11:45 802 KEELING-HAII 08/18-12/19 OP 001
D 21192 Lec TR 10:30-11:45 801 AMES 08/18-12/19 OP 002
D 21918 Lec MW 1:30-2:45 861 Staff - Fi 08/18-12/19 OP 003
D 21919 Lec TR 2:30-3:45 801 Staff - Fi 08/18-12/19 OP 004

### COMM 48 ACTIVITIES IN FORENSICS 1.0-4.0 Units

Intercolligate competition in the areas of public speaking, debate, and oral interpretation. Other activities include performance in workshops, festivals, concert readings and the community. As a condition of enrollment for this class, students will be required to sign an agreement to conform to a code of conduct.

D 21193 Lab Tue 2:30-4:20 810 AMES 08/18-12/19 GR 001
Lab By Arr 2.0 Hrs/Wk TBA

## 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 21862 Lec MW 12:00-1:15 802 AMES 08/18-12/19 OP 001

### 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 22249 Lec Tue 12:00-12:50 803 MARTINEZ 08/18-12/19 P/N 001
Lab By Arr 3.0 Hrs/Wk TBA

### COMM 70B EXPERIENCED 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 22709 Lec Tue 12:00-12:50 803 MARTINEZ 08/18-12/19 P/N 001
Lab By Arr 3.0 Hrs/Wk TBA

## 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 20198 Lec MW 9:00-10:15 1611 LANDEROS 08/18-12/19 GR 001
By Arr 1.0 Hrs/Wk ONLINE
D 20199 Lec TR 10:30-11:45 1611 Staff - Ap 08/18-12/19 GR 002
By Arr 1.0 Hrs/Wk ONLINE
CAS 50-001 & 002 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 20201 By Arr 8.7 Hrs/Wk ONLINE Staff - Ap 10/13-12/12 GR EN1
D 20200 By Arr 8.7 Hrs/Wk ONLINE WONG 10/13-12/12 GR EN2
CAS 50-EN1 & EN2 are short-term online courses, with no required on-campus meetings. For important additional information, go to http://www.chabotcollege.edu/online
D 21344 By Arr 3.0 Hrs/Wk ONLINE WHITEHEAD 08/18-12/19 GR ON1
By Arr 1.0 Hrs/Wk ONLINE
CAS 50-ON1 is an online course with no on-campus meetings. For important additional information, go to http://www.chabotcollege.edu/online

### CAS 54A MICROSOFT EXCEL I 3.0 Units

Introduction to spreadsheet techniques using Microsoft Excel to create a variety of spreadsheets with emphasis on business application programs. Calculate data using functions and formulas. Create charts, link and consolidate worksheets. This course prepares students to take the Microsoft Office Specialists, (MOS) core level certification. Strongly recommended: Computer Application Systems 50, Computer Application Systems 72E, or Computer Science 8.

D 20484 Lec TR 8:30-9:20 1611 LANDEROS 08/18-12/19 GR 001
Lab TR 9:30-10:20 1611 GR
O 21010 By Arr 8.7 Hrs/Wk ONLINE REINOISA 10/13-12/12 GR EN1
CAS 54A-EN1 is a short-term 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.

D 20328 Lec Mon 1:00 2:15 1611 Staff - Ap 08/18-12/19 GR 001
Lab Wed 1:00 3:15 1611 GR
O 22187 Lab Wed 6:30 8:20 905 PHILLIPS 08/18-12/19 GR 071
By Arr 3.5 Hrs/Wk ONLINE
CAS 58-071 is a hybrid course with 8 required on-campus meetings: Wednesday, 6:30-8:20 pm, Room 905; for important additional information, go to http://www.chabotcollege.edu/online

CAS 72A ELEM COMP KEYBOARDING I 1.0 Unit
Introduction to the computer keyboard for developing correct keyboarding skills.
O 21012 By Arr 6.7 Hrs/Wk ONLINE CLINE 08/18-10/12 P/N EN1
O 20406 By Arr 6.7 Hrs/Wk ONLINE REINOSA 10/13-12/12 P/N EN2
CAS 72A-EN1 & EN2 are short-term online courses with no required on-campus meetings. For important additional information, go to http://www.chabotcollege.edu/online

CAS 72B ELEM COMP KEYBOARDING II 1.0 Unit
Speed. Introduction to word processing techniques will also be taught including introduction to basic word processing techniques. Strongly recommended: Computer Application Systems 72A.
O 20407 By Arr 6.7 Hrs/Wk ONLINE WONG 08/18-10/12 P/N EN1
O 21136 By Arr 6.7 Hrs/Wk ONLINE LANDEROS 10/13-12/12 P/N EN2
CAS 72B-EN1 & EN2 are short-term online courses with no required on-campus meetings. For important additional information, go to http://www.chabotcollege.edu/online

CAS 72D INTRO TO MICROSOFT WORD 1.0 Unit
Introduction to word processing using Microsoft Word. Strongly recommended: Computer Applications Systems 72A or Computer Application Systems 72B.
O 20408 By Arr 6.7 Hrs/Wk ONLINE WHITEHEAD 08/18-10/12 P/N EN1
O 21536 By Arr 6.7 Hrs/Wk ONLINE REINOSA 10/13-12/12 P/N EN2
CAS 72D-EN1 & EN2 are short-term online courses with no required on-campus meetings. For important additional information, go to http://www.chabotcollege.edu/online

CAS 72E INTRO TO MICROSOFT EXCEL 1.0 Unit
Introduction to spreadsheets using Microsoft Excel. Strongly recommended: Computer Applications Systems 72A or Computer Application Systems 72B.
O 21537 By Arr 6.7 Hrs/Wk ONLINE CLINE 08/18-10/12 P/N EN1
O 20409 By Arr 6.7 Hrs/Wk ONLINE O'TOOLE 10/13-12/12 P/N EN2
CAS 72E-EN1 & EN2 are short-term online courses with no required on-campus meetings. For important additional information, go to http://www.chabotcollege.edu/online

CAS 72F INTRO TO MICROSOFT POWERPOINT 1.0 Unit
Introduction to presentations using Microsoft PowerPoint. Strongly recommended: Computer Applications Systems 72A or Computer Application Systems 72B.
O 20410 By Arr 6.7 Hrs/Wk ONLINE WHITEHEAD 10/13-12/12 P/N EN1
CAS 72F-EN1 is a short-term online course with no required on-campus meetings. For important additional information, go to http://www.chabotcollege.edu/online

CAS 72G INTRO TO MICROSOFT ACCESS 1.0 Unit
Introduction to data bases using Microsoft Access. Strongly recommended: Computer Applications Systems 72A or Computer Application Systems 72B.
O 21584 By Arr 6.7 Hrs/Wk ONLINE WONG 08/18-10/12 P/N EN2
CAS 72G-EN1 is a short-term online course with no required on-campus meetings. For important additional information, go to http://www.chabotcollege.edu/online

CAS 72J TEN-KEY 1.0 Unit
Self-paced ten-key course using the computer numeric keypad.
O 21013 By Arr 7.7 Hrs/Wk ONLINE BRICHACEK 08/18-10/03 P/N EN1
CAS 72J-EN1 is a short-term, online course with no required on-campus meetings. For important additional information, go to http://www.chabotcollege.edu/online

CAS 72K BUS ENGLISH SKILLS I 1.0 Unit
Self-paced Business English course focusing on English fundamentals as applied to business documents.
O 21223 By Arr 7.7 Hrs/Wk ONLINE BRICHACEK 08/18-10/03 P/N EN1
CAS 72K-EN1 is a short-term online course with no required on-campus meetings. For important additional information, go to http://www.chabotcollege.edu/online

CAS 72L BUS ENGLISH SKILLS II 1.0 Unit
Continuation of self-paced Business English course focusing on English fundamentals as applied to business documents. Strongly recommended Computer Application Systems 72K.
O 21538 By Arr 6.0 Hrs/Wk ONLINE BRICHACEK 10/06-12/12 P/N EN1
CAS 72L-EN1 is a short-term online course with no required on-campus meetings. For important additional information, go to http://www.chabotcollege.edu/online

CAS 88A MICROSOFT WORD I 3.0 Units
Basic word processing using Microsoft Word to produce business letters, memos, reports, tables and other documents. Includes Microsoft Office Core Certification preparation. Strongly recommended: Computer Application Systems 72A, and 72B. Combined credit for Computer Application Systems 55, 61, and 88A may not exceed 12 units.
D 20574 Lec TR 1:00 1:50 1611 Staff - Ap 08/18-12/19 GR 001
Lab TR 2:00 2:50 1611 GR
O 21011 By Arr 6.7 Hrs/Wk ONLINE TOOLE 10/13-12/12 P/N EN1
CAS 88A-EN1 is a late start online course with no required on-campus meetings. For important additional information, go to http://www.chabotcollege.edu/online

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 20669 Lec MW 2:30 3:20 303 GOLDE 08/18-12/19 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 20670 Lec TR 2:30 3:20 303 GOLDE 08/18-12/19 P/N 001
Lab TR 3:30 4:45 303 P/N

CAS 102 INTRO TO ASSISTIVE TECHNOLOGY 1.0-3.0 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 20671 Lec Mon 2:40 5:10 2407 ALLEN 08/18-12/19 P/N 001
Lab MTWR 8:00 9:50 2407 P/N
Lab Mon 12:00 1:50 2407 P/N
Lab Wed 6:00 6:50 2407 P/N
D 21454 Lab MTW 8:00 8:50 2407 ALLEN 08/18-12/19 P/N 002
D 21455 Lab MTW 8:00 8:50 2407 ALLEN 08/18-12/19 P/N 003
Lab Mon 12:00 1:50 2407 P/N
Lab Wed 6:00 6:50 2407 P/N

CAS 103 ASSISTIVE TECHNOLOGY LAB 1.0 Unit
Support and individualized instruction in access technology use and adaptive strategies while working on assignments and research projects. Major emphasis on the Personal Computer and its practical use. Designed for students with disabilities.
D 20672 Lab TR 3:30 4:45 2407 ALLEN 08/18-12/19 P/N 001
### COMPUTER NETWORKING TECHNOLOGY

**CNT 62A  CISCO NETWORKING ACADEMY 1/2**  
**4.0 Units**  
This course covers the first two parts in the Cisco Certified Network Associate (CCNA) curriculum, and the objectives of the CCNA 640-821 INTRO certification exam. This course will cover the fundamentals of networking, including the OSI model and industry standards, concepts, network topologies, cabling, network hardware, basic network design, LANs, and network configuration and troubleshooting. It includes router and routing concepts and terminology including RIP, EIGRP and IGRP routing protocols, distance vector and link state routing, routing loop issues, routing theory, TCP/IP basics, IP addressing, subnetting, router IOS and configuration, switching concepts, CDP and CSMA-CD. Students will get hands-on experience configuring Cisco routers and switches. Students should have basic computer skills and knowledge of Internet use.  
**Strongly recommended:** Computer Information Systems 50.

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**CNT 7401  INTRO TO LINUX/UNIX, LINUX+**  
**4.0 Units**  
This course provides hands-on training covering basic installation, management, configuration, security, documentation and hardware topics for the Linux/UNIX operating system on workstations in a LAN environment. The objectives for basic technician certifications such as RHCT, CompTIA Linux+ are covered. Topics include desktop security objectives and major types of security vulnerabilities, physical security, fire protection, basic system and network configuration, account security, logging, backups, Linux/UNIX desktop security features and useful utilities, detecting and preventing DOS attacks, hacking, authentication and data recovery.  
**Strongly recommended:** Computer Information Systems 50.

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**CNT 7502  WIRESHARK, TCP/IP ANALYSIS AND NETWORK MONITORING**  
**4.0 Units**  
Course is geared to teach solid network management skills using the WiresharkTM network analyzer. The class provides a logical troubleshooting approach to capturing and analyzing data frames. Armed with this knowledge, students can effectively troubleshoot, maintain, and optimize network traffic and keep your network operating at its peak performance.  
**Strongly recommended:** Computer Information Systems 50.

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**CNT 7701  VMWARE, MICROSOFT & XEN VIRTUALIZATION**  
**4.0 Units**  
VMware, Microsoft Virtual Server, Virtual PC and Xen are virtualization software, more common every day. Using virtual machines gives huge savings in time, money, energy, and resources. Every power user and sysadmin needs to understand virtualization and the implications for the future of desktops and servers. This class covers Virtual Machine basics, concepts, and use.  
**Strongly recommended:** Computer Information Systems 50.

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**CNT 83A  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 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 and basic implementation skills, Voice over Internet Protocol (VoIP), security, applied network configuration and troubleshooting skills.  
**Prerequisite:** ESYS 63A (completed with a grade of “C” or higher) or, CNT 83A (completed with a grade of “C” or higher). May not receive credit if Electronic Systems Technology 63B has been completed.

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**CNT 83B  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 and basic implementation skills, Voice over Internet Protocol (VoIP), security, applied network configuration and troubleshooting skills.  
**Prerequisite:** ESYS 63A (completed with a grade of “C” or higher) or, CNT 83A (completed with a grade of “C” or higher). May not receive credit if Electronic Systems Technology 63B has been completed.

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### 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.

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**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.

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**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 20287 Lec MW 2:30-3:45 1812 MEHL 08/18-12/19 OP 001
Lab MW 4:00-5:15 1812 OP
D 20284 Lec TR 9:00-10:15 1812 TRAUGOTT 08/18-12/19 OP 002
Lab TR 10:30-11:45 1812 OP
E 22781 Lec TR 6:30-7:45 1813 MEHL 08/18-12/19 OP 071
Lab TR 7:50-9:05 1813 OP

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 20934 Lec MW 10:30-11:45 1812 TRAUGOTT 08/18-12/19 OP 001
Lab Fri 10:00-12:50 1812 OP

Dental Hygiene

DHYG 52A  PERIODONTOLOGY  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 20482 Lec Tue 8:00-9:50 2202 PINESCHI-PE 08/18-12/19 GR 001

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 20076 Lec Tue 10:00-11:50 2202 PINESCHI-PE 08/18-12/19 GR 001

DHYG 56A  COMMUNITY DENTAL HEALTH  1.0 Unit
Individual and community oral health problems, relative to personal, family, and public health needs. Corequisite: Dental Hygiene 80A. Strongly recommended: Speech 1, 10, or 30.
D 20077 Lec Thu 9:00-9:50 2202 MOULTREY 08/18-12/19 GR 001

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 20078 Lec Thu 1:00-1:50 1564 GALLIANO 08/18-12/19 GR 001
Clin Thu 2:00-2:50 2204 GR

DHYG 59A  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 20493 Lec Wed 1:00-2:50 2202 ORTEGA 08/18-12/19 GR 001

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 21457 Lec Fri 1:00-2:20 2202 COAN 08/18-12/19 GR 001

DHYG 60L  DENTAL ANATOMY AND MORPHOLOGY  0.5 Unit
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 21229 Lec Fri 2:30-3:50 2202 COAN 08/18-12/19 OP 001

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 and the regional osteology. Corequisite: Dental Hygiene 61L, 69A and Dental Hygiene 71A.
D 20291 Lec Fri 8:00-9:50 2202 COAN 08/18-12/19 GR 001

DHYG 61S  HEAD AND NECK ANAT IND STUDY  1.0 Unit
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 21230 Lec Fri 10:00-12:50 2202 COAN 08/18-12/19 OP 001

DHYG 68  EXTENDED CLINICAL EXPERIENCES  0.5 Unit
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 21488 Clin By Arr 1.0 Hrs/Wk TBA GALLIANO 08/18-10/16 P/N 001

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 20079 Lec MR 8:00-9:50 2204 PINESCHI-PE 08/18-12/19 GR 001
Clin Mon 9:00-11:50 2204 GR
Clin Thu 9:00-11:50 2204 GR

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 20079 Lec MR 8:00-9:50 2204 PINESCHI-PE 08/18-12/19 GR 001
Clin Mon 9:00-11:50 2204 GR
Clin Thu 9:00-11:50 2204 GR

DHYG 71S  PRE-CLIN DENTAL HYG IND STUDY  1.0 Unit
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 21231 Lab Wed 9:00-11:50 2202 CARLSON 08/18-12/19 OP 001
**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 21602 Lec MW 12:00-12:50 908 SCHAEFFER 08/18-10/08 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 22744 Lec MW 12:00-12:50 908 SCHAEFFER 10/13-12/10 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 Introduction to the essential visual elements of graphic and protocls 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 22752 Lec TR 9:00-9:50 908 Staff-Fi 08/18-12/19 GR
D 22743 Lec MW 12:00-12:50 908 SCHAEFFER 10/13-12/10 GR
E 21047 Lec Wed 6:30-9:20 556 SHERRY 08/18-12/19 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 21047 Lec Wed 6:30-9:20 556 SHERRY 08/18-12/19 GR

**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 20109 Lec MW 10:30-11:45 3521 OZDEMIR 08/18-12/19 GR
D 20108 Lec TR 9:00-10:15 3521 KELLEY 08/18-12/19 GR
D 21208 Lec Tue 6:30-9:20 306 OGMAN 08/18-12/19 GR
O 20739 By Arr 3.0 Hrs/Wk ONLINE RODRIGUEZ 08/18-12/19 GR
E 21037 Lec Sat 9:00-12:10 559 CALOCA 08/18-12/19 OP
S 21501 Lec Sat 9:00-12:10 559 CALOCA 08/18-12/19 OP

**ECD 51 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 career, observation, scientific methods, and stages of development.

D 22009 Lec MW 1:00-2:15 555 OZDEMIR 08/18-12/19 GR
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**ECD 63: EARLY CHILDHOOD CURRICULUM (4.0 Units)**

Professional application of human growth and development in the early childhood classroom. Techniques and methods used to promote the physical, social, emotional, and cognitive development of children; strategies for fostering children’s competence, striving for objectivity and individualization of programs to meet individual children’s needs. Prerequisite: Early Childhood Development 56 (completed with a grade of “C” or higher). Students must bring current verification of TB clearance to first class meeting.

**ECD 67: INFANT/TODDLER DEVELOPMENT (3.0 Units)**

A study of infants and toddlers from preconception to 36 months with respect to behavior and interactions between heredity and the 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).

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**ECD 68: ADMIN II: PERSONAL & LEADERSHIP (3.0 Units)**

Management of Early Care and Education programs which includes: strategic planning, group dynamics, supervision of staff and volunteers, development of motivation and morale; leadership skills, functions of personnel, interviewing skills, interpersonal and group conflicts, staff evaluations, and working effectively with families and advisory boards. Designed to provide knowledge of methods and principles of working with adults in a supervisory capacity in Early Care and Education settings. Prerequisite: Early Childhood Development 62 and 63 (completed with a grade of “C” or higher).

**ECD 69: CHILD STUDY THROUGH OBSERVATION (3.0 Units)**

Current approaches for observing the development of children and young children using various scientific techniques. Effective observations that build on respecting and fostering all children’s competence, striving for objectivity and individualization in meeting 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).

**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).

**ECD 89: ISSUES IN ECE (1.0 Unit)**

Series of workshops offered on a variety of topics, which are current and relevant to early childhood professionals. Topic: Kindergarten Readiness. This class will provide “hands on” opportunities to create appropriate math and literacy curriculum for preschool age children.

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**CRN Type Day(s) Times Room Instructor Dates Code Sec**

- **ECD 54** 3.0 Hrs/Wk ONLINE RODRIGGS 08/18-12/19 GR ON1
- **ECD 56** 3.0 Hrs/Wk ONLINE RODRIGGS 08/18-12/19 GR ON1
- **ECD 57** 3.0 Hrs/Wk ONLINE RODRIGGS 08/18-12/19 GR ON1
- **ECD 58** 3.0 Hrs/Wk ONLINE RODRIGGS 08/18-12/19 GR ON1
- **ECD 59** 3.0 Hrs/Wk ONLINE RODRIGGS 08/18-12/19 GR ON1
- **ECD 60** 3.0 Hrs/Wk ONLINE RODRIGGS 08/18-12/19 GR ON1
- **ECD 61** 3.0 Hrs/Wk ONLINE RODRIGGS 08/18-12/19 GR ON1
- **ECD 62** 3.0 Hrs/Wk ONLINE RODRIGGS 08/18-12/19 GR ON1
- **ECD 63** 3.0 Hrs/Wk ONLINE RODRIGGS 08/18-12/19 GR ON1
- **ECD 64** 3.0 Hrs/Wk ONLINE RODRIGGS 08/18-12/19 GR ON1
- **ECD 65** 3.0 Hrs/Wk ONLINE RODRIGGS 08/18-12/19 GR ON1
- **ECD 66** 3.0 Hrs/Wk ONLINE RODRIGGS 08/18-12/19 GR ON1
- **ECD 67** 3.0 Hrs/Wk ONLINE RODRIGGS 08/18-12/19 GR ON1
- **ECD 68** 3.0 Hrs/Wk ONLINE RODRIGGS 08/18-12/19 GR ON1
- **ECD 69** 3.0 Hrs/Wk ONLINE RODRIGGS 08/18-12/19 GR ON1
- **ECD 70** 3.0 Hrs/Wk ONLINE RODRIGGS 08/18-12/19 GR ON1
- **ECD 71** 3.0 Hrs/Wk ONLINE RODRIGGS 08/18-12/19 GR ON1
- **ECD 72** 3.0 Hrs/Wk ONLINE RODRIGGS 08/18-12/19 GR ON1

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For additional information, go to http://www.chabotcollege.edu/online/.

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Ana Del Aguila 510-723-7284 o adelaguila@chabotcollege.edu

Clase sera dictada en espanol. Para mas informacion y registrarse en esta clase llame a 510-723-7284.
ECD 90 PRACTICUM/SUPERVISE EXPERIENCE 4.0 Units
PRACTICUM/SUPERVISE EXPERIENCE
Practicum experience working with young children under the supervision of an ECE/CD faculty. Students will utilize practical classroom experiences to make connections 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 63 (completed with a grade of “C” or higher), ECD 62 (completed with a grade of “C” or higher), ECD 50 (completed with a grade of “C” or higher), ECD 56 (completed with a grade of “C” or higher). Students must bring current (within past 2 years unless chest x-ray) verification of TB clearance to first class meeting.

D 20111 Lec TR 1:00 1:50 3521 SHERRY 08/18-12/19 GR 001
Lab TR 10:00 12:50 3521
GR
D 21738 Lec Thu 8:30 8:50 302 MCGREGOR 08/18-12/19 GR 002
Lab Fri 9:30 12:20 3521
GR
Lab Fri 1:00 2:50 3521
GR

ECD 95 WORK EXPERIENCE 1.0-3.0 Units
WORK EXPERIENCE
College supervised on-the-job training in early childhood programs. Cooperative effort between student, supervisor and instructor to accomplish professional work objectives and broaden experiences. Corequisite: Early Childhood Development 96. 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.

O 20325 By Arr 15.0 Hrs/Wk ONLINE RODRIGGS 08/18-12/19 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

ECD 96 WORK EXPERIENCE SEMINAR 1.0 Unit
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 20326 By Arr 1.0 Hrs/Wk ONLINE RODRIGGS 08/18-12/19 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

ECON 1 PRINCIPLES OF MICROECONOMICS 3.0 Units
PRINCIPLES OF MICROECONOMICS
Economic analysis of market systems, 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: English 1A eligibility. Prerequisite: Mathematics 54 or 55 or 55B or 55L or 55Y (completed with a grade of “C” or higher) or an appropriate skill level demonstrated through the mathematics assessment process.

D 20114 Lec MW 9:00 10:15 552 WILLIAMS 08/18-12/19 OP 001
D 20489 Lec MW 1:30 2:45 552 WILLIAMS 08/18-12/19 OP 002
D 21049 Lec TR 9:00 10:15 502 WILLIAMS 08/18-12/19 OP 003
D 21315 Lec TR 1:30 2:45 502 WILLIAMS 08/18-12/19 OP 004
D 2120 Lec Fri 9:00 11:50 553 WILLIAMS 08/18-12/19 OP 005
E 20119 Lec Wed 7:00 9:50 552 WILLIAMS 08/18-12/19 OP 071

ECON 2 PRINCIPLES OF MACROECONOMICS 3.0 Units
PRINCIPLES OF MACROECONOMICS
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: English 1A. Prerequisite: Mathematics 54 or 55 or 55B or 55L or 55Y (completed with a grade of “C” or higher) or an appropriate skill level demonstrated through the mathematics assessment process.

D 21106 Lec TR 12:00 1:15 503 FLORES 08/18-12/19 OP 001
E 20575 Lec Tue 7:00 9:50 559 WILLIAMS 08/18-12/19 OP 071

ELECTRONIC SYSTEMS TECHNOLOGY

ESYS 50 INTRO-ELECTRONIC SYSTEMS TECH 2.0 Units
INTRO-ELECTRONIC SYSTEMS TECH
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 21149 Lab Tue 6:00 10:05 1602 PHILLIPS 08/19-10/07 EN1
By Arr 2.2 Hrs/Wk ONLINE
GR
E 21150 Lab Thur 6:00 10:05 1602 PHILLIPS 10/16-12/11 EN2
By Arr 2.2 Hrs/Wk ONLINE
GR
ESYS 50-EN1 & EN2 are short-term courses, partially taught online. For important additional information, go to http://www.chabotcollege.edu/online

ESYS 51 FABRICATION TECHNIQUES 2.0 Units
FABRICATION TECHNIQUES
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 21151 Lab Tue 6:00 10:05 1616 PHILLIPS 10/14-12/09 EN1
By Arr 2.2 Hrs/Wk ONLINE
GR
ESYS 51-EN1 is a short-term course, partially taught online. There is no class November 26. For important additional information, go to http://www.chabotcollege.edu/online

ESYS 54 ANALOG CIRCUITS/SEMICONDUCTR DVC 2.0 Units
ANALOG CIRCUITS/SEMICONDUCTR DVC
Analog circuits, including amplifiers, oscillators, and filters, using single-chip analog devices, operational amplifiers, field-effect transistors, bipolar transistors. Prerequisite: ESYS 52 or equivalent.

E 21807 Lab Tue 6:00 10:05 1616 PHILLIPS 10/14-12/09 EN1
By Arr 2.2 Hrs/Wk ONLINE
GR
ESYS 54-EN1 is a short-term course, partially taught online. There is no class November 26. For important additional information, go to http://www.chabotcollege.edu/online

ESYS 56A ELECTRONIC POWER SYSTEMS I 2.0 Units
ELECTRONIC POWER SYSTEMS I
Switching power supply systems. Alternative energy systems. Advanced power bus management and control systems. Prerequisite: ESYS 52 or equivalent.

E 21267 Lec By Arr 2.2 Hrs/Wk ONLINE PHILLIPS 08/21-10/09 EN1
Lab Thur 6:00 10:05 1602
GR
ESYS 56A-EN1 is a short-term course, partially taught online. For important additional information, go to http://www.chabotcollege.edu/online

ESYS 56B ELECTRONIC POWER SYSTEMS II 2.0 Units
ELECTRONIC POWER SYSTEMS II
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. Prerequisite: ESYS 56A or equivalent.

E 21266 By Arr 2.2 Hrs/Wk ONLINE PHILLIPS 10/16-12/11 EN1
Lab Thu 6:00 10:05 1602
GR
ESYS 56B-EN1 is a short-term course, partially taught online. For important additional information, go to http://www.chabotcollege.edu/online

ESYS 57A PROCESS CONTROL SYSTEMS 2.0 Units
PROCESS CONTROL SYSTEMS
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. Prerequisite: ESYS 50 (may be taken concurrently) or equivalent.

E 21269 By Arr 2.2 Hrs/Wk ONLINE CASINI 08/20-10/08 EN1
Lab Wed 6:00 10:05 1602
GR
ESYS 57A-EN1 is a short-term course, partially taught online. For important additional information, go to http://www.chabotcollege.edu/online

ESYS 57B PLC AND ROBOTIC SYS COMPONENTS 2.0 Units
PLC AND ROBOTIC SYS COMPONENTS
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. Prerequisite: ESYS 57A.

E 21270 By Arr 2.2 Hrs/Wk ONLINE CASINI 10/15-12/10 EN1
Lab Wed 6:00 10:05 1616
GR
ESYS 57B-EN1 is a short-term course, partially taught online. For important additional information, go to http://www.chabotcollege.edu/online

Chabot College • Summer/Fall 2014 Class Schedule 51
1. Proof of TB test

Prerequisite: ESYS 52 or equivalent.

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 Medical Services Agency Certification.

Evidence of immunizations required: MMR (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).

In order to be accepted to the EM class, all of the following items must be received by Friday, August 2, 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).

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.

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). 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

EMS 2W PATIENT STABIL EXTRIC & TRIAGE

0.5 Unit

Patient stabilization techniques to include safe patient extrication from a simulated motor vehicle accident. Includes triage for multi-casualty incident/disaster management. Corequisite: EMS 2. May not receive credit if Health 83 has been completed.

EMS 4 EMERG MED TECH BASIC REFRESHER

1.5 Units

Provides training in the foundation skills and knowledge 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. 24 total hours accredited by the Alameda County Emergency Medical Services Agency. Prerequisite: EMS 2 (completed with a grade of “C” or higher) and EMS 3 (completed with a grade of “C” or higher) or current EMT certification.

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 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. 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.

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.

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). Sheet 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 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

Chabot College • Summer/Fall 2014 Class Schedule 52
510.723.6600 • www.chabotcollege.edu
### ENGLISH

**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.

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<td>D 20204 Lec TR</td>
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**ENGR 11** ENGINEERING 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 users 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.**

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**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 AutoCAD Computer-Assisted Drawing Software as a design tool. Basic CAD 3-dimensional solid-modeling. **Strongly recommended:** Mathematics 37 and English 1A or 102.

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**ENGR 25** COMP METHODS ENGINEER/ SCIENCE 3.0 Units

Methodology and techniques for solving engineering/science problems using numerical-analysis computer-application programs MATLAB and EXCEL. Technical computing and visualization for mechanics, electrical circuits, biology, thermal systems, fluid systems and other branches of science and engineering. **Prerequisite:** Mathematics 1. **Strongly recommended:** Computer Application Systems 8 or Computer Science 8. May not receive credit if Mathematics 25 or Physics 25 has been completed.

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**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).

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**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).

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ENGL 4 CRITICAL THINK/WRIT 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 22585 Lec MW 7:30-8:45 854 MCQUADE 08/18-12/19 GR 001
D 20911 Lec MW 9:00-10:15 802 MCQUADE 08/18-12/19 GR 002
D 20703 Lec MW 9:00-10:15 853 RAJARAM 08/18-12/19 GR 003
D 21924 Lec MW 10:30-11:45 353 WASH 08/18-12/19 GR 004
D 21925 Lec MW 12:00-1:15 353 HOLLANDER 08/18-12/19 GR 005
D 21385 Lec TR 9:00-10:15 855 HOLLANDER 08/18-12/19 GR 006
D 21082 Lec TR 9:00-10:15 356 GRUBER 08/18-12/19 GR 007
D 21016 Lec TR 10:30-11:45 356 LUNDBERG 08/18-12/19 GR 008
D 20183 Lec TR 1:00-2:15 853 TRANSUE 08/18-12/19 GR 009
D 20181 Lec Mon 12:00-2:50 510 WOODHAMS 08/18-12/19 GR 010
D 20184 Lec Fri 9:00-11:50 853 MATTHEWS 08/18-12/19 GR 012
D 20305 Lec MW 1:30-2:45 859 DEWIT 08/18-12/19 GR DAI

The Dara 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 Dara 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.

ENGL 4-OPN is a Pace hybrid course with 5 required on-campus meetings: Monday, Tuesday, Thursday, and Friday. This course meets face to face in Building 300, Room 354, on Mondays, Aug 18, from 6:00-8:30 pm, and on Thursdays, Aug 21 and December 4, from 2:00-3:40 pm. For more important additional information, go to www.chabotcollege.edu/online/PACE

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 21086 Lec Mon 6:30-9:20 356 MFARLAND 08/18-12/19 GR 071
E 22094 Lec Wed 7:00-9:50 356 KAPLAN 08/18-12/19 GR 072
E 22256 Lec Wed 6:00-8:50 853 HOLLANDER 08/18-12/19 GR 073
E 21160 Lec Mon 6:30-9:20 501 HOFFMAN 08/18-12/19 GR OPN

By Arr 2.0 Hrs/Wk ONLINE GR

ENGL 7 (CONTINUED)

E 20188 Lec TR 9:00-10:15 855 RAJARAM 08/18-12/19 GR 003
D 22780 Lec TR 8:00-9:15 510 SULLIVAN 08/18-12/19 GR 005
D 20944 Lec TR 9:00-10:15 357 SILVER 08/18-12/19 GR 006
D 20946 Lec TR 10:30-11:45 853 MAZE 08/18-12/19 GR 007
D 21926 Lec TR 3:00-4:15 854 MAHER 08/18-12/19 GR 008
D 21078 Lec MW 9:00-10:15 854 ZAPPA 08/18-12/19 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.

ENGL 9 OPPORTUNITY & FREEDOM COLLOQUIUM 1.0 Unit
Practical workshop training in the managing, editing, and printing of a literary magazine. Workshop enrollment constitutes the staff of the magazine.

D 23004 Sem Tue 10:00-10:50 1623 DEWIT 08/18-12/19 OP 001

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 22269 Lec Tue 7:00-9:50 853 PUCKETT 08/18-12/19 OP 071

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 22588 Lec Tue 7:00-9:50 853 PUCKETT 08/18-12/19 OP 071

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.

E 22270 Lec TR 10:30-11:45 351 WOODHAMS 08/18-12/19 OP 001
E 22271 Lec Wed 7:00-9:50 851 PUCKETT 08/18-12/19 OP 071

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 cliche. 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. Strongly Recommended: ENGL 1A.

Prerequisite: ENGL 12A (completed with a grade of “C” or higher).

D 22951 Lec TR 10:30-11:45 853 WOODHAMS 08/18-12/19 OP 001
E 22952 Lec Wed 7:00-9:50 851 PUCKETT 08/18-12/19 OP 071

ENGL 13A CRAFT OF WRITING-POETRY 3.0 Units
Practice in writing poetry using materials drawn from published poetry and individual’s own work for analysis and criticism with a focus on techniques of revision. Strongly Recommended: ENGL 1A.

D 22639 Lec TR 1:00-2:15 802 MCLEAN 08/18-12/19 OP 001

ENGL 13B INTERM CRAFT OF WRITING-POETRY 3.0 Units
Practice in writing poetry at an intermediate level. Builds on skills developed in English 13A. English 13B requires: greater and more integrated use of trope, image, and metaphor; more extensive development of themes, including across different poems; more nuanced eye towards personal revision and workshop critique of classmates’ poems; deeper integration of materials drawn from published poetry and individual’s own work for analysis and criticism with a focus on techniques of revision. Prerequisite: ENGL 13A (completed with a grade of “C” or higher).

D 22640 Lec TR 1:00-2:15 802 MCLEAN 08/18-12/19 OP 001

CRN Type Day(s) Times Room Instructor Dates Code Sec
54 510.723.6600 • www.chabotcollege.edu
ENGL 19 LITERARY MAGAZINE WORKSHOP 1.0 Unit
Practical workshop training in the managing, editing, and printing of a literary supplement and/or magazine. Workshop enrollment constitutes the staff of the magazine.
D 22248 Lec Tue 12:00 12:50 801 WOODHAMS 08/18-12/19 OP 001

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 20689 Lec TR 1:00 2:15 861 MAGALLON 08/18-12/19 OP 001

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 21116 Lec MW 9:00 10:15 811 TANEMURA 08/18-12/19 OP 001

ENGL 32 U.S. WOMEN’S 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 21498 Lec MW 1:30 2:45 852 JOHNSTON 08/18-12/19 OP WAI

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 101A (completed with a grade of “P” or higher) or eligibility for English 1A based on Accuplacer test score. Strongly Recommended: ENGL 1A.
D 22633 Lec TR 10:30 11:45 357 ZAPPA 08/18-12/19 OP 001

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 20690 Lec MW 10:30 11:45 455 HOLLANDER 08/18-12/19 OP 001

ENGL 70 REPORT WRITING 3.0 Units
Preparation of reports in industrial and technical fields, including explanations, instructions and other kinds of writings, based on the demands of the occupations. Strongly recommended: Eligibility for English 1A or 52A.
E 20153 Lec Tue 7:00 9:50 558 WILLIAMS 08/18-12/19 OP 071

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 20140 Lec MW 9:00 10:15 852 TENN 08/18-12/19 P/N 001
Lab MW 10:20 11:10 852 P/N
D 20142 Lec MW 10:30 11:45 851 MCLEAN 08/18-12/19 P/N 002
Lab MW 11:50 12:40 851 P/N
D 21633 Lec MW 12:00 1:15 356 Staff-Lang 08/18-12/19 P/N 003
Lab MW 1:20 2:10 356 P/N
D 20922 Lec MW 1:30 2:45 353 MCLEAN 08/18-12/19 P/N 004
Lab MW 2:50 3:40 353 P/N
D 21414 Lec MW 1:30 2:45 801 HUGARD 08/18-12/19 P/N 005
Lab MW 2:50 3:40 801 P/N
D 20172 Lec MW 3:00 4:15 857 LANGDON 08/18-12/19 P/N 006
Lab MW 4:20 5:10 857 P/N

ENGL 101A CONTINUED TOP OF NEXT COLUMN

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ENGL 102 (CONTINUED)

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ENGL 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.

Strongly Recommended: ENGL 117.

ENGL 118A LEARNING SKILLS: READ/WRITE 3.0 Units
Strategies to develop college writing skills with an emphasis on developing reading and comprehension strategies, summarizing and writing responses to the readings. Includes compensatory strategies. Designed for students with learning disabilities to improve reading and writing skills. Strongly Recommended: ENGL 118A.

ENGL 1115 STUDENT TUTORIAL WRAC 0.5-3.0 Units
Preparation in English for success in college or career. Self-paced, individualized instruction in reading comprehension and writing effectiveness. All sections of ENGL 115 are closed to online registration. To register for ENGL 115, go to the WRAC Center located on the library mezzanine (Building 100) during the first through eighth week of the semester. WRAC Center is open Mon.-Thurs. 9-4 p.m. Please Note: You are not required to attend each day/time 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. Questions? Email Hooman Foth at hfoth@chabotcollege.edu or call (510) 723-6920.

CRN Type Day(s) Times Room Instructor Dates Code Sec
D 20562 Lec Mon 2:20 4:00 | 100A MAGALLON | 08/18-12/19 | P/N 001 |

ENGL 116 LEARNING SKILLS/DIAGNOSTIC CLI 1.0 Unit
Determination of eligibility for learning skills services through diagnostic testing. State-mandated tests. Focus on compensatory methods as derived from test results.

CRN Type Day(s) Times Room Instructor Dates Code Sec
D 20174 Lec MW 12:00 12:50 | 307 EGUSA | 08/10-12/13 | P/N E01 |

ENGL 115 FALL 2014 CRN Type Day(s) Times Room Instructor Dates Code Sec
Code: OP = Class taken for letter grade or pass/no pass; P/N = Class taken for pass/no pass only; D = Day Class; E = Evening Class; O = Online Class; S = Saturday Class
ENGL 119  LEARNING SKILLS - PROB SOLVING  3.0 Units
D 20261 Lec  MW  9:00 10:15 303 EGUSSA 08/18-12/19 P/N 001
D 20179 Lec  TR  10:30 11:45 303 EGUSSA 08/18-12/19 P/N 002
E 20928 Lec  Mon  5:30 8:20 303 EGUSSA 08/18-12/19 P/N 071

ENGL 120  LEARNING SKILLS-STUDY STRATEGY  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. Strongly Recommended: ENGL 116 .
D 20282 Lec  MW  12:00 12:50 303 STAFF 08/18-12/19 P/N 001

ENGL 121  LEARNING SKILLS: STRATEGIES  2.0 Units
D 20338 Lec  MW  10:30 11:20 303 EGUSSA 08/18-12/19 P/N 001

ENGL 149F  PROOFREADING KEDIT COLLEGE WRT  3.0 Units
Basic components and rules of English grammar, syntax, and punctuation. 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, is designed as a support course, to be taken concurrently with English or any class requiring academic writing. This class does not address errors that are particular to students who are non-native speakers, learning English as a second language; these issues would be addressed in the ESL 114, 121, 122, 123 series. 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.
D 22635 Lec  MW  10:25 11:50 301 ZAPPA 08/27-12/10 P/N E01
E 22636 Lec  Tue  6:05 9:20 357 LANGLEON 09/02-12/09 P/N E71

ENGLISH AS A SECOND LANGUAGE

ESL 108  BASIC SPELLING FOR ESL  1.0 Unit
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 21876 Lec  Fri  9:00 10:10 859 MEJIA 09/15-12/08 P/N E01

ESL 109  VOCABULARY SKILLS  1.0 Unit
Build language proficiency by learning new vocabulary and developing vocabulary-building skills.
D 22594 Lab  TR  7:30 9:40 859 WAHAMAKI 08/18-12/19 P/N 001

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 20157 Lec  MW  9:00 11:50 357 HINTZ 08/18-12/19 P/N 001
D 21110 Lec  TR  9:00 11:50 861 WAHAMAKI 08/18-12/19 P/N 002
E 20159 Lec  MW  6:30 9:20 801 BLAIR 08/18-12/19 P/N 071
E 22891 Lec  MW  5:00 8:35 *225 APIGO 08/18-12/19 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 “P” in ESL 110A (or eligibility for ESL 110B demonstrated through ESL Placement Process).
D 20154 Lec  TR  9:00 11:50 807 IKEDA 08/18-12/19 P/N 001
D 20800 Lec  MW  12:00 2:50 359 UCHIYAMA 08/18-12/19 P/N 002
E 20951 Lec  TR  6:30 9:20 851 ADES 08/18-12/19 P/N 071
E 22595 Lec  TR  6:30 9:20 303 UCHIYAMA 08/18-12/19 P/N 072

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 “P” in ESL 110B (or eligibility for ESL 110C demonstrated through the ESL Placement Process).
D 20155 Lec  TR  9:00 11:50 851 MEJIA 08/18-12/19 P/N 001
D 20389 Lec  TR  1:00 3:50 357 MARIANETTI 08/18-12/19 P/N 002
E 20257 Lec  MW  6:30 9:20 357 WAHAMAKI 08/18-12/19 P/N 071

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 “P” in ESL 110C (or eligibility for ESL 110D demonstrated through the ESL Placement Process).
D 20156 Lec  TR  9:00 11:50 853 CONNOLLY 08/18-12/19 P/N 001
D 21875 Lec  TR  1:00 3:50 857 BLAIR 08/18-12/19 P/N 002
E 20265 Lec  MW  6:30 9:20 351 SOLE 08/18-12/19 P/N 071

ESL 111A  PRONUNCIATION  2.0 Units
Oral English with emphasis on strategies for clear pronunciation.
E 21510 Lec  Mon  6:30 7:20 359 RAMOS 08/18-12/19 P/N 071
Lab Mon 7:25 8:15 359 P/N

ESL 111B  ACADEMIC LISTENING & SPEAKING  2.0 Units
Group and individual practice producing and responding to oral English in the academic environment.
D 21117 Lec  Mon  1:00 1:50 851 BLAIR 08/18-12/19 P/N 001
Lab Mon 1:55 2:45 851 P/N
Lab Wed 1:00 2:50 851 P/N

ESL 112  ENGLISH GRAMMAR-REVIEW FOR ESL  3.0 Units
Intermediate-level review of the structures of English grammar. Important grammatical forms including verb tenses, the passive voice, conditional sentences, modal auxiliaries, and reported speech; adjective clauses, articles, and gerunds and infinitives may also be included as time allows. Strongly recommended: Eligibility for ESL 110C.
D 20691 Lec  TR  1:00 2:15 859 HINTZ 08/18-12/19 P/N 001

ESL 117A  INTR INTERMEDIATE READING & WRITING  3.0 Units
Introduction to logical paragraph development; reading both fiction and nonfiction; emphasis on the development of vocabulary and grammatical structures of written English. Strongly Recommended: Eligibility for ESL 110B Prerequisite: ESL 116B (completed with a grade of “P” or higher).
E 22597 Lec  Wed  6:30 9:20 853 SO 08/18-12/19 P/N 071

ESL 120  WRITING WKSP FOR NONNATIVE SPK  0.5 Unit
Individualized and group instruction in writing with emphasis on pre-writing and paragraph organization. Student develops and reinforces academic writing skills through conferencing with instructor, group workshops, completing online exercises, completing and revising writing assignments, and working with instructor and tutors on individual writing needs. Strongly Recommended: Eligibility for ESL 110B.
D 22637 Lab  Fri  10:30 12:35 354 UCHIYAMA 09/19-12/12 P/N E01
D 22638 Lab  Fri  10:30 12:35 354 IKEDA 09/19-12/12 P/N E02
ESL 127 ESL PRONUNCIATION LAB 0.5 Unit
Individual practice producing and responding to oral English with emphasis on clear pronunciation through computer assisted instruction with tutorial support.
D 22085 Lab By Arr 1.5 Hrs/Wk 2351 WAHAMAKI 08/18-12/19 P/N 001
Go to the Language Center, Building 2300, Room 2351 (during the first week of classes) to obtain the syllabus and schedule your orientation.

ESL 128 FACULTY-STUDENT TUTORIAL - ESL 0.5-1.0 Unit
Self-paced, individualized instruction in academic English for students who speak English as a second language. Focus on academic writing, reading, listening, and speaking skills needed in college courses.
D 21708 Lab By Arr 3.0 Hrs/Wk 2351 Staff-Lang 08/18-12/19 P/N EX1
This section of ESL 128 is for project Excel participants. If you are an Excel participant and want to register for this course, contact an Excel counselor in Building 700, Room 767 D/E, or email hhintz@chabotcollege.edu or call Hisako Hintz at (510) 723-7428. During the first week of classes, you can also go to the Language Center, Building 2300, Room 2351, to obtain the syllabus and schedule your orientation if the space is available.

ENTREPRENEURSHIP

ENTR 1 INTRO TO ENTREPRENEURSHIP 3.0 Units
Introduction to the key concepts and skills 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 21736 Lec TR 12:00 1:15 1609 GRAVES 08/18-12/19 OP 001
Q 21435 By Arr 3.0 Hrs/Wk ONLINE COLON 08/18-12/19 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/
Q 22759 Tue 6:30 9:20 TBA COLON 08/18-12/19 GR ON2
By Arr 1.0 Hrs/Wk ONLINE GR
ENTR 1-ON2 is an online course with required on-campus meetings from 6:30-9:20pm in room 405 on the following Tuesdays: August 26th, September 9th 23rd, October 7th and 21st, November 4th and 18th, and December 2nd and 16th. For important additional information, go to http://www.chabotcollege.edu/online

ENTR 20 MARKETING FOR ENTREPRENEURS 2.0 Units
Marketing strategy and techniques for start-up and small businesses. Focus on low-cost, flexible, innovative marketing tools.
E 21751 By Arr 2.0 Hrs/Wk ONLINE GRAVES 08/18-12/19 OP ON1
ENTR 20-ON1 is an online course with 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

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 21950 Lec MW 1:30 2:45 502 STAFF 08/18-12/19 GR 001

FIRE TECHNOLOGY

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 20580 Lec Mon 8:00 11:50 1560 STAFF 08/18-11/24 GR EN1
Lab Sat 9:00 11:50 *081 10/04-10/04 GR
Lab Sat 9:00 11:50 1613 11/22-11/22 GR
Lab Sat 9:00 11:50 1613 11/22-11/22 GR
Offsite room *081 meets at ALAMEDA COUNTY FIRE DEPARTMENT, 890 LOLA STREET SAN LEANDRO, CA Class Meets 08/18 to 11/24; Saturday Sessions are 10/04 and 11/22. FT 50, section EN1 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 campus over two Saturdays. Online lecture and Saturday lab schedule will be available on the first day of class, August 18. For important additional information, go to http://www.chabotcollege.edu/online
E 20581 Lec Mon 6:00 9:50 1560 PRZIBOROWSKI 08/18-11/24 GR E71
Lab Sat 9:00 11:50 *081 10/04-10/04 GR
Lab Sat 9:00 11:50 1613 11/22-11/22 GR
Lab Sat 9:00 11:50 1613 11/22-11/22 GR
Offsite room *081 meets at ALAMEDA COUNTY FIRE DEPARTMENT, 890 LOLA STREET SAN LEANDRO, CA Class Meets 08/18 to 11/24; Saturday Sessions are 10/04 and 11/22.

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 fire fighting, wildland fire fighting, and hazardous material emergencies; and safety conditions.
E 20582 Lec Tue 6:00 8:50 1560 TORRES 08/18-12/19 GR 071
Lab Sat 6.0 hrs TBA 1560 GR
One 6-hour Saturday lab, date to be announced.

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 20584 Lec Wed 9:00 11:50 1560 HURTADO 08/18-12/19 GR ON1
Lab Sat 9:00 11:50 *081 10/18-10/18 GR
Lab Sat 1:00 3:50 *081 10/18-10/18 GR
Lab Sat 9:00 11:50 *081 11/15-11/15 GR
Lab Sat 1:00 3:50 *081 11/15-11/15 GR
Offsite room *081 meets at ALAMEDA COUNTY FIRE DEPARTMENT, 890 LOLA STREET SAN LEANDRO, CA FT 52, section ON1, 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 18. For important additional information, go to http://www.chabotcollege.edu/online
E 20585 Wed 6:00 8:50 1560 BROWN 08/18-12/19 GR 071
Lab Sat 9:00 11:50 *081 10/18-10/18 GR
Lab Sat 1:00 3:50 *081 10/18-10/18 GR
Lab Sat 9:00 11:50 *081 11/15-11/15 GR
Lab Sat 1:00 3:50 *081 11/15-11/15 GR
Offsite room *081 meets at ALAMEDA COUNTY FIRE DEPARTMENT, 890 LOLA STREET SAN LEANDRO, CA

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 20586 Lec Tue 9:00 11:50 1612 ZOLFARELLI 08/18-12/19 GR 001


**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 20583 Lec Thur 7:00  9:50  1613 ZOLINSKIS  08/18-12/19  GR 071

**FT 56  BUILDING CONSTRUCT/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 20620 Lec Mon 7:00  9:50  1612 ZOLFARELLI  08/18-12/19  GR 071

**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, pullng 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, 52 and 89; Physical Education 2FSC or equivalent firefighter physical conditioning training. (All courses completed with a grade of "C" or higher; Fire Technology 89 completed with P before student may register for 90A).

E 20587 Lec Sat 8:30  11:45  *081 BUELL  08/19-09/13  GR E71

Lec Sat 12:35  2:50  *081  GR

Lab Sat 3:00  4:50  *081  GR

Lab TR 5:00  8:50  *081  GR

Offsite room *081 meets at ALAMEDA COUNTY FIRE DEPARTMENT, 890 LOLA STREET SAN LEANDRO, CA FT 90A, Section E71 is an off-campus class that meets at the Alameda County Fire Department, 890 Lola St, San Leandro. Class meets Tuesdays, Thursdays & Saturdays from 8/19 thru 9/13.

E 20588 Lec Sat 8:30  11:45  *081 BUELL  09/16-10/11  GR E71

Lec Sat 12:35  2:50  *081  GR

Lab Sat 3:00  4:50  *081  GR

Lab TR 5:00  8:50  *081  GR

Offsite room *081 meets at ALAMEDA COUNTY FIRE DEPARTMENT, 890 LOLA STREET SAN LEANDRO, CA FT 90B, Section E71 is an off-campus class that meets at the Alameda County Fire Department, 890 Lola St, San Leandro. Class meets Tuesdays, Thursdays & Saturdays from 9/16 thru 10/11.

E 20589 Lec Sat 8:30  11:45  *081 BUELL  10/14-11/01  GR E71

Lec Sat 12:35  2:50  *081  GR

Lab Sat 3:00  4:50  *081  GR

Lab TR 5:00  8:50  *081  GR

Lab Sun 8:00  10:50  *081  GR

Lab Sun 11:00  3:50  *081  GR

Offsite room *081 meets at ALAMEDA COUNTY FIRE DEPARTMENT, 890 LOLA STREET SAN LEANDRO, CA FT 90C, Section E71 is an off-campus class that meets at the Alameda County Fire Department, 890 Lola St, San Leandro. Class meets Tuesdays, Thursdays, Saturdays & Sundays from 10/14 thru 11/01.

E 20621 Lec TR 5:00  9:50  1506 URNES  12/06-12/21  GR E71

Lec Sat 8:30  11:50  *081  12/06-12/20  GR

Lab Sat 1:00  5:50  *081  12/06-12/20  GR

Lab Sun 8:30  11:50  *081  12/07-12/14  GR

Lab Sun 12:00  4:50  *081  12/07-12/14  GR

Lab Sun 8:30  10:20  1611  12/21-12/21  GR

Lab Sun 10:30  11:20  1506  12/21-12/21  GR

Lab Sun 12:00  4:50  1506  12/21-12/21  GR

Offsite room *081 meets at ALAMEDA COUNTY FIRE DEPARTMENT, 890 LOLA STREET SAN LEANDRO, CA Class meets Tuesdays, Thursdays, Saturdays & Sundays from 12/06 thru 12/21.

**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 Firefighter I Academy.

E 20627 Lec Tue 6:00  9:50  1506 MC PARTLAND  11/18-11/23  GR E71

Lec Thu 5:00  9:50  1506  11/20-11/20  GR

Lec SaSu 8:00  11:50  1506  11/22-11/23  GR

Lec SaSu 1:00  5:50  1506  11/22-11/23  GR

Class meets Tuesday, Thursday, Saturday & Sunday from 11/18 thru 11/23.

**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 20628 Lec Tue 6:00  9:50  1506 MC PARTLAND  11/11-11/16  GR E71

Lec Thu 5:00  9:50  1506  11/13-11/13  GR

Lec SaSu 8:00  11:50  1506  11/15-11/16  GR

Lec SaSu 1:00  5:50  1506  11/15-11/16  GR

Class meets Tuesday, Thursday, Saturday & Sunday from 11/11 thru 11/16.

**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).

**FT 91D  FIREFIGHTER SURVIVAL  0.5 Unit**

Orientation to causes of firefighter injuries and fatalities and how to avoid committing fatal errors on the fireground 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 Firefighter I Academy.

E 21579 Lab Sun 1:00  4:50  *081 BUELL  11/02-11/02  P/N E71

Lec Tue 5:00  8:50  *081  11/04-11/04  P/N

Lab Sun 3:00  6:50  *081  11/05-11/05  P/N

Lec Tue 5:00  8:50  *081  11/07-11/07  P/N

Lab Sun 3:00  6:50  *081  11/08-11/08  P/N

Offsite room *081 meets at ALAMEDA COUNTY FIRE DEPARTMENT, 890 LOLA STREET SAN LEANDRO, CA FT 91D is an off-campus class that meets at the Alameda County Fire Department, 890 Lola St, San Leandro. Class meets Sunday, Tuesday, Thursday & Saturday, 11/02 thru 11/08.

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**Note**: CRN Type Day(s) Times Room Instructor Dates Code Sec

**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; S = Saturday Class

**FALL 2014**
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 21920 Lec TR 2:00-4:15 2258 LEE 08/18-12/19 OP 001
Lab Tue 1:00-1:50 352 OP
D 21162 Lec MW 9:30-11:45 859 BARNEZET PA 08/18-12/19 OP ON1
Lab By Arr 1.0 Hrs/Wk ONLINE OP
FRNC 1A-ON1 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 and click on the course website. For more information, contact cparrish@chabotcollege.edu
O 21166 Lec By Arr 6.0 Hrs/Wk ONLINE BARNEZET PA 08/18-12/19 OP ON2
FRNC 1A-ON2 is an online course with no on-campus meetings. Students must have an email account and Internet access to login to Blackboard by the first day of class, to read the announcements and see course assignments. To begin, go to http://www.chabotcollege.edu and click on 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 22642 Lec MW 12:00-2:15 807 BARNEZET PA 08/18-12/19 OP ON1
Lab By Arr 1.0 Hrs/Wk ONLINE OP
FRNC 1B-ON1 is a hybrid course with lectures conducted on-campus and one hour lab over the Internet. 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 and click on the course website. For more information, contact cparrish@chabotcollege.edu
O 21163 Lec By Arr 6.0 Hrs/Wk ONLINE BARNEZET PA 08/18-12/19 OP ON2
FRNC 1B-ON2 is an online course with no on-campus meetings. Students must have an email account and Internet access to login to Blackboard by the first day of class. To read the announcements and see course assignments. To begin, go to http://www.chabotcollege.edu and click on the course website. For more information, contact 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 21164 Lec TR 10:20-12:10 859 BARNEZET PA 08/18-12/19 OP ON1
Lab By Arr 1.0 Hrs/Wk ONLINE OP
FRNC 2A-ON1 is a hybrid course with lectures conducted on-campus and one hour lab over the Internet. The class will meet Tuesdays & Thursdays from 10:20-12:00 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 and click on the course website. For more information, contact 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 21165 Lec TR 10:20-12:10 859 BARNEZET PA 08/18-12/19 OP ON1
Lab By Arr 1.0 Hrs/Wk ONLINE OP
FRNC 2B-ON1 is a hybrid course with lectures conducted on-campus and one hour lab over the Internet. The class from 10:20-12:00 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 and click on the course website. For more information, contact cparrish@chabotcollege.edu

GENERAL STUDIES

GNST 5 PASSION AND PURPOSE 1.0 Unit
Exploration and discovery of personal passions in the context of social and family relationships, the community, and higher education – particularly at Chabot College. Focus on connection of passion to one’s talents and potential purpose(s) in life.
D 22905 Lec Tue 11:00-11:50 1623 WIK 08/18-12/19 P/N 001
Lab Thurs 11:00-11:50 1623 OP
D 22906 Lec Tue 9:30-10:25 1623 PEREZ 08/18-12/19 P/N 002
Lab Thurs 1:00-1:50 1623 OP
D 22904 Lec Tue 3:00-4:55 1623 MC FARLAND 08/18-12/19 P/N FY1
Lab Thu 1:00-1:50 1623 OP
D 23003 Lec Mon 12:00-12:50 301 MARTINEZ 08/18-12/19 P/N FY5
Lab Wed 12:00-12:50 301 OP
GNST 5-FY1 and FY5 are for students in our First Year Experience (FYE) program. FYE offers students the core classes they need to transfer in a timely manner. Career and major exploration are built into FYE with tutoring if needed. For more information, contact cparrish@chabotcollege.edu

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. All sections of GNST 115 are closed to online registration. To register for GNST 115, go to the WRAC Center located on the library mezzanine (Building 100) during the first through eighth week of the semester. WRAC Center is open Mon.-Thurs. 9-4 p.m. Please Note: You are not required to attend each day/time 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. Questions? Email Homefest at hfe@chabotcollege.edu or call (510) 723-6902.
D 21222 Lab MTR 3:00-3:50 100A WOLFORD 08/18-12/19 P/N 001
D 21576 Lab MTR 4:25-5:15 100A NIJAR 08/18-12/19 P/N 002
D 22911 Lab MW 12:45-2:00 854 STAFF 08/18-12/19 P/N DA1
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/
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).

GEOG 1L INTRO TO PHYS GEOG LABORATORY 1.0 Unit
This is a PACE Course.PACE students. Courses that do not fill will open up to all students on Aug. 5th, for information on the PACE Program, go to http://www.chabotcollege.edu/PACE

GEOG 2 CULTURAL GEOGRAPHY 3.0 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).

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.

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.

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.

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.

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.

HLTH 8 HUMAN SEXUALITY 3.0 Units
Physiological and psychosocial aspects of sexual health in our contemporary society. Understanding the interrelationships 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.

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.

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.
### 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 20858 Lec MW 10:30-11:45 502 STEPHENS 08/18-12/19 GR 001
  - D 20859 Lec MW 12:00-1:15 502 STEPHENS 08/18-12/19 GR 002
  - E 20860 Lec Tue 6:30-9:20 552 STEPHENS 08/18-12/19 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 20861 Lec TR 10:30-11:45 553 STEPHENS 08/18-12/19 GR 001
  - E 21233 Lec Wed 6:30-9:20 553 STEPHENS 08/18-12/19 GR 071

**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 barbarian invasions, exploration, and travel, gender, and religion will be studied.
  - D 22600 Lec MW 9:00-10:15 502 STEPHENS 09/02-12/19 GR 001

**HIS 7  US HISTORY THROUGH RECONSTRUCTION  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 geographical 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 22722 Lec MW 7:30-8:45 506 GLEASON 08/18-12/19 GR A01
  - D 21483 Lec MW 9:00-10:15 506 GLEASON 08/18-12/19 GR A02
  - D 20862 Lec MW 1:30-2:45 554 WOLFORD 08/18-12/19 GR A03
  - D 20864 Lec TR 9:00-10:15 551 NIDEROST 08/18-12/19 GR A04
  - D 20866 Lec TR 1:30-2:45 554 WOLFORD 08/18-12/19 GR A05
  - D 21951 Lec TR 3:00-4:15 551 NIDEROST 08/18-12/19 GR A06
  - E 20868 Lec Mon 6:30-9:20 552 LOTTIER 08/18-12/19 GR A71
  - E 20867 Lec Wed 7:00-9:50 551 LOTTIER 08/18-12/19 GR A72
  - E 21114 Lec Thu 7:00-9:50 551 LINN-DOWNS 08/18-12/19 GR A73
  - O 20869 By Arr 3.0 Hrs/Wk ONLINE MONIZ 08/18-12/19 GR AN1
  - O 20863 By Arr 3.0 Hrs/Wk ONLINE MONIZ 08/18-12/19 GR AN2
  - O 22616 By Arr 3.0 Hrs/Wk ONLINE THOMPSON 08/18-12/19 GR AN3

*HIS 7-AN1 & AN2 & AN3 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-RECONSTRUCTION  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 21585 Lec MW 9:00-10:15 559 THOMPSON 08/18-12/19 GR A01
  - D 21336 Lec MW 10:30-11:45 552 HIGDON 08/18-12/19 GR A02
  - D 20882 Lec MW 12:00-1:15 559 ADAMS 08/18-12/19 GR A03
  - D 20878 Lec MW 1:30-2:45 504 ADAMS 08/18-12/19 GR A04
  - D 20871 Lec MW 3:00-4:15 504 HIGDON 08/18-12/19 GR A05
  - D 20883 Lec TR 9:00-10:15 552 YEAGER 08/18-12/19 GR A06
  - D 22608 Lec TR 10:30-11:45 551 YEAGER 08/18-12/19 OP A07
  - E 22265 Lec Tue 6:30-9:20 556 EIGEN 08/18-12/19 GR A71
  - E 20879 Lec Thur 6:30-9:20 559 LOTTIER 08/18-12/19 GR A72
  - O 21018 By Arr 3.0 Hrs/Wk ONLINE YEAGER 08/18-12/19 GR AN1
  - O 20872 By Arr 3.0 Hrs/Wk ONLINE YEAGER 08/18-12/19 GR AN3
  - O 20881 By Arr 3.0 Hrs/Wk ONLINE YEAGER 08/18-12/19 GR AN3

*HIS 8-AN1&AN2&AN3 is an online course with no required on-campus meetings. For important additional information, go to http://www.chabotcollege.edu/online*

## Other Courses

**HLTH 60  RESPONDING TO EMERGENCIES  1.0 Unit**
- 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.
  - E 20087 Lec Wed 6:00-7:50 3102 HART 08/20-10/15 OP E71

*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.*

**CRN Type** | **Day(s)** | **Times** | **Room** | **Instructor** | **Dates** | **Code** | **Sec**
--- | --- | --- | --- | --- | --- | --- | ---
OP | D | 8:00-9:50 | 3102 | OP | 08/20-10/15 | OP E71 | 001

For important additional information, see class listing under Hist 28.

*For additional information, see class listing under Hist 28.*

**HIS 21  AFRICAN-AMERICAN HIST 20 CENT  3.0 Units**
- A survey of the major themes and issues of the history of the United States, focusing upon African Americans and the gendered racial ethnic and socioeconomic diversity within the nation. Emergence of the country from the Civil War and Reconstruction, tracing such themes as industrialization, immigration and migration, Progressivism, the nation at economic crisis and at war, the rise of social movements and the social and political backlash against them, and the evolving diversity of the nation. **Chicana/Latina Americans, Asian Americans, European Americans, Native Americans, Chicano/Latino Americans, 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.

E 20898 Lec Tue 6:30-9:20 552 ADAMS 08/18-12/19 OP A71

**HIS 22  MEXICAN AMERICAN HIST 30 CENTS  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 U.S.
  - D 20898 Lec MW 12:00-1:15 506 SALINAS 08/18-12/19 GR 001
  - D 20900 Lec TR 1:30-2:45 553 FLORES 08/18-12/19 GR 002

**HIS 27  U.S. WOMEN'S 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 geographical development of the United States.

**HIS 28  SUP INST IN US WOMEN'S HISTORY  1.0 Unit**
- Introduction to and review of context-based skills for effective participation and completion of U. S. Women's History. Emphasis on building skills to succeed in a history survey course. **Corequisite: History 27.**
  - D 21690 Lec Wed 12:00-12:50 554 WOLFORD 08/18-12/19 P/N 001
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 21338 Lec  MW 9:00-10:15  2252 Staff - Fi 08/18-12/19 GR 001
D 21276 Lec  TR 9:00-10:15  2254 Staff - Fi 08/18-12/19 GR 002

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.
E 22620 Lec  Thu 6:30-9:20  805 KENSINGER 08/18-12/19 GR EP1

This is a PACE Course. Enrollment priority is given to PACE students, but the course will open up to all students on July 21st. For information on the PACE Program, go to http://www.chabotcollege.edu/pace

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 21901 Lec  MW 1:30-2:45  506 Staff - Fi 08/18-12/19 GR 001
E 21902 Lec  TR 2:30-3:45  555 Staff - Fi 08/18-12/19 GR 071
O 21277 By Arr 3.0 Hrs/Wk ONLINE Staff - Fi 08/18-12/19 GR ON1
HUMAN 65-ON1 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.
D 20959 Lec  MW 10:30-11:45  856 SHANNON 08/18-12/19 GR 001

INDUSTRIAL TECHNOLOGY

INTD 50  RESIDENTIAL SPACE PLANNING  3.0 Units
Basic techniques in planning space for interiors. Private and group living spaces, support systems, functional planning of interior space, and color in space planning.
D 21904 Lec  TR 1:00-1:50  907 WILLIAMS 08/18-12/19 GR 001
Lab  TR 2:00-3:20  907 GR

INTD 58  FUNDAMENTALS OF LIGHTING  3.0 Units
Residential and commercial lighting systems as they apply to what constitutes a well-lit interior space. Includes an investigation of current lighting fixtures and lighting resources.
D 22745 Lec  TR 9:00-10:20  907 NORRIS 08/18-12/19 GR 001

INTD 60  MATERIALS AND RESOURCES  3.0 Units
Survey of residential and commercial interior furnishings with attention to product knowledge of furniture, textiles, ceramics, glass, metals, plastics and composite materials. Skills needed to perform related activities.
E 22746 Lec  Thu 6:00-8:50  907 VOUCHILAS 08/18-12/19 OP 071

INTD 68  CAD ARCHITECTURE & INT DESIGN  3.0 Units
Introduction to computer-aided drafting. 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 Architecture 68 has been completed.
D 20515 Lec  MW 9:00-9:50  905 HUANG 08/18-12/19 GR 001
MW 10:00-11:50  905 GR

INTD 72  COMMERCIAL INTERIOR DESIGN  3.0 Units
Introduction to the field of commercial design. Emphasis on the design of interior spaces such as offices, restaurants and hotels. Topics will include space planning, interior specifications and costing out jobs. Prerequisite: Interior Design 50.
D 21631 Lec  Thu 1:30-4:20  907 WILLIAMS 08/18-12/19 GR 001

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 20281 Lec  TR 1:00-3:15  854 CLARK 08/18-12/19 GR 001
Lab  Thu 3:20-4:30  352

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 22106 Lec  TR 1:00-2:50  119 MORRISON 08/19-10/16 GR E01

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 20916 Lec  Tue 6:30-8:20  1615 Staff - Ap 08/18-12/19 GR 071
Lab  Thu 6:30-9:20  1615

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 20026 Lec  MW 1:00-1:50  1560 ABHMER 08/18-12/19 GR 001
Lab  MW 2:00-4:50  1402 GR
E 20027 Lec  Mon 6:30-8:20  1607 JONES 08/18-12/19 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 20480 Lec  TR 1:00-1:50  1560 ABHMER 08/18-12/19 GR 001
Lab  TR 2:00-4:50  1402 GR
**FTT 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 20025 Lab MW 2:00-4:50 1402 ASHER 08/18-12/19 GR 001**
- **D 21702 Lab TR 2:00-4:50 1402 ASHER 08/18-12/19 GR 002**

**FTT 63B ADVANCED INDIVIDUAL PROJECTS 2.0 Units**
Continuation of Machine Tool Technology 63A. Selected projects to provide certain specialized skills required for job upgrading, job advancement, or skill specialization. Strongly recommended: Machine Tool Technology 60A.

- **D 20402 Lab MW 2:00-4:50 1402 ASHER 08/18-12/19 GR 001**
- **D 21703 Lab TR 2:00-4:50 1402 ASHER 08/18-12/19 GR 002**

**FTT 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 21894 Lec TR 11:00-11:50 1615 ASHER 08/18-12/19 GR 001**
- **Lab TR 2:00-4:50 1402**

**FTT 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 21896 Lec Tue 6:00-7:50 1620 LONG 08/18-12/19 GR 071**
- **Lab Tue 8:00-9:50 1618**
- **Lab Thu 6:00-9:50 1618**

**FTT 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 21539 Lec TR 5:00-6:50 1620 LONG 08/18-12/19 GR 071**
- **Lab Tue 8:00-9:50 1618**
- **Lab Thu 6:00-9:50 1618**

**FTT 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 2 1/2 and 3 axis, lathe, and wire edm tool paths. Instruction includes part drawing, dimensioning, importing electronic files (DXF, IGES, Slidprt, Dwg), lathe and mill tool path construction, geometry and tool path transformations, tool path editing, and post processors. Strongly recommended: Machine Tool Technology 71A.

- **S 20391 Lec Sat 7:00-9:15 1620 LONG 08/18-12/19 OP 001**
- **Lab Sat 9:20-12:35 1618**

**FTT 81B SURFCAM 3.0 Units**
The fundamentals of Surfcam CAD/CAM manufacturing software as it pertains to machine shop use and requirements. Instruction includes theory and laboratory practice on the use of the Surfacem design 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, Slidprt, 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 20708 Lec Mon 5:30-7:20 1620 LONG 08/18-12/19 GR 071**
- **Lab Mon 7:30-10:20 1618**

**FTT 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, Slidprt, 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 21326 Lec Wed 5:30-7:20 1620 LONG 08/18-12/19 GR 071**
- **Lab Wed 7:30-10:20 1618**

**MARKETING** *(See course listing under Business)*

**MCOM 9 COLLOQUIUM-MASS COMMUNICATIONS 1.0 Unit**
Special projects in Radio and TV for further skills in broadcasting.

- **D 21034 Mon 3:00-4:50 122 GLEN 08/18-12/19 OP 001**

**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 supported by multimedia. Analysis of exemplary journalistic models. Conceive, research, and write stories using traditional news values. Requires source interviews or original research. Strongly Recommended: Eligibility for ENGL 1A. May not receive credit if MCOM 1 has been completed.

- **D 22747 Lec MW 2:30-3:45 2258 LEACH 08/18-12/19 GR 001**

**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: Eligibility for ENGL 1A (completed with a grade of “C” or higher).

- **D 22046 Lec Thu 2:00-2:50 2325 LEACH 08/18-12/19 GR 001**
- **Lab TR 1:00-1:50 2325**
- **Lab By Arr 4.0 Hrs/Wk TBA**

**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 are also covered. Requires source interviews or original research. Strongly Recommended: Eligibility for ENGL 1A (completed with a grade of “C” or higher).

- **D 22047 Lec Thu 2:00-2:50 2325 LEACH 08/18-12/19 GR 001**
- **Lab TR 1:00-1:50 2325**
- **Lab By Arr 4.0 Hrs/Wk TBA**

**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. Requires: MCOM 21 (completed with a grade of “C” or higher) Strongly Recommended: MCOM 20 (completed with a grade of “C” or higher).

- **D 22048 Lec Thu 2:00-2:50 2325 LEACH 08/18-12/19 GR 001**
- **Lab TR 1:00-1:50 2325**
- **Lab By Arr 4.0 Hrs/Wk TBA**
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 22049 Lec Thu 2:00 2:50 2325 LEACH 08/18-12/19 GR 001
Lab TR 1:00 1:50 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 22059 Lec Tue 12:00 12:50 2325 LEACH 08/18-12/19 GR 001
Lab TR 1:00 1:50 2325 GR
Lab By Arr 5.0 Hrs/Wk 2325 GR

MCOM 40 INTRODUCTION TO BROADCASTING 3.0 Units
Radio, TV, film, and multimedia broadcasting from the earliest years to the present and the economics, programming, ratings and their impact on culture and society. May not receive credit if Mass Communications 31 has been completed.
D 21212 Lec TR 10:30 11:45 2252 GLEN 08/18-12/19 GR 001

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. The media and its role in shaping public perception. An overview of the news process and job opportunities in the media. Strongly Recommended: ENGL 1A. May not receive credit if Mass Communications 5 has been completed.
D 21337 Lec MW 9:00 10:15 554 LEACH 08/18-12/19 GR 001

MCOM 43 ADVERTISING SALES & MEDIA MNGMT 4.0 Units
Introduction to broadcast advertising sales from research through the sales presentation to airing the commercial campaign. Broadcast and cable station management objectives, procedures and problems pertaining to daily operations; and the managerial perspective of departments within broadcast and cable stations. May not receive credit if Mass Communications 8 has been completed.
D 21905 Lec MW 1:00 2:50 122 GLEN 08/18-12/19 GR 001

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 21695 Lec TR 9:00 10:15 122 GLEN 08/18-12/19 GR 001

MCOM 50 RADIO STUDIO TECHNIQUES 3.0 Units
Operational procedures and practices in a modern radio broadcast studio. Production aspects including editing and announcing, station operations and commercial radio programming.
D 21215 Lec TR 1:00 2:15 122 GLEN 08/18-12/19 GR 001
Lab By Arr 1.0 Hrs/Wk TBA GR

MCOM 52 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 22138 Lec Fri 11:30 1:22 122 GLEN 08/18-12/19 GR 001
Lab Fri 1:30 4:20 122 GR

MCOM 58 INTERMEDI KCRH RADIO EXP 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 22126 Lec Fri 11:30 1:22 122 GLEN 08/18-12/19 GR 001
Lab Fri 1:30 4:20 122 GR

MCOM 60 TELEVISION STUDIO TECHNIQUES I 3.0 Units
Introduction to TV studio production and practices with hands-on experience in studio operations, control room procedures and basic program creation. Mass Communications 33A and 30 may be taken a combined total of four times.
D 21213 Lec MW 10:30 11:20 1613 LEACH 08/18-12/19 GR 001
Lab MW 11:30 12:45 124 GR

MCOM 61 TV STUDIO TECHNIQUES II 3.0 Units
Further experience in TV studio production and practices with hands-on experience in studio operations, control room procedures and basic program creation. Designed to improve skills in operating TV equipment and producing and directing TV programs. Prerequisite: Mass Communications 60. Mass Communications 33B and 61 may be taken a combined total of four times.
D 21214 Lec MW 10:30 11:20 1613 LEACH 08/18-12/19 GR 001
Lab MW 11:30 12:45 124 GR

MCOM 68 KCTH TELEVISION EXPERIENCE 3.0 Units
Practical experience in TV production and programming, creating original TV shows and segments. Prerequisite: Mass Communications 60. Mass Communications 39 and 68 may be taken a combined total of four times.
D 21217 Lec By Arr 2.0 Hrs/Wk 122 LEACH 08/18-12/19 GR 001
Lab By Arr 3.0 Hrs/Wk 124 GR

MCOM 69 ADVANCED KCTH TV EXPERIENCE 3.0 Units
Advanced TV studio production and developing programs to air on KCTH Comcast Channel 27. Experience in broadcast and DVD movie making. Prerequisite: Mass Communications 60. Strongly recommended: Mass Communications 68.
D 21226 Lec By Arr 2.0 Hrs/Wk TBA LEACH 08/18-12/19 GR 001
Lab By Arr 3.0 Hrs/Wk TBA GR

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 20829 Lec MW 10:30 11:55 1804 WAH 08/18-12/19 GR 001
D 20830 Lec MW 1:30 2:55 1813 WAH 08/18-12/19 GR 002
D 20831 Lec TR 1:30 3:45 1804 CREW 08/18-12/19 GR 003
E 20832 Lec MW 7:15 9:30 1804 YEST 08/18-12/19 GR 071
### 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).

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### 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).

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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). Strongly recommended: Mathematics 3 (Multivariable Calculus).

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### MTH 5  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).

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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 11 or Mathematics 20 (completed with a grade of C or higher) or an appropriate skill level demonstrated through the Mathematics Assessment process.

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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 an appropriate skill level demonstrated through the Mathematics Assessment process.

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### MTH 25  COMP METHODS ENGINEER/SCIENCE
3.0 Units
Methodology and techniques for solving engineering/science problems using numerical-analysis computer-application programs MATLAB and EXCEL. Technical computing and visualization for mechanics, electrical circuits, biology, thermal systems, fluid systems, and other branches of science and engineering. **Prerequisite:** Mathematics 1. Strongly recommended: Computer Application Systems 8 or Computer Science 8. May not receive credit if Engineering 25 or Physics 25 has been completed.

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### 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.

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### MTH 33  FINITE MATHEMATICS
4.0 Units
Straight lines, systems of linear equations, matrices, systems of linear inequalities, linear programming, mathematics of finance, sets and Venn diagrams, combinatorial techniques and an introduction to probability. Applications in business, economics and the social sciences. **Prerequisite:** Mathematics 55, 55L or Mathematics 55B (completed with a grade of “C” or higher) or an appropriate skill level demonstrated through the mathematics assessment process.

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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.

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**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. Students will need regular access to a computer to read the textbook and do assignments online.

This course may require you to purchase statistics software and a graphing calculator.

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This section will be partially 'flipped'. Students will be expected to view lecture content through online videos outside of regular class time.

D 22053 Lec Mon 8:00-10:15 1708 TA  
D 22052 Lec Wed 8:00-9:15 1708  
Lab Wed 9:25-10:15 1708  
Lab Wed 9:30-10:45 1706  
Lab Wed 10:50-11:40 1706  

This section will be partially 'flipped'. Students will be expected to view lecture content through online videos outside of regular class time.

D 22054 Lec Mon 8:00-10:15 1702 ROULAND  
Lab Wed 10:30-12:45 1702  
Lab Wed 11:55-12:45 1702  

This section will be partially 'flipped'. Students will be expected to view lecture content through online videos outside of regular class time.

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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 sciencemathdiv@chabotcollege.edu

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This is a PACE Course. Enrollment priority is given to PACE students, but the course will open up to all students on July 21st. For more information, please contact the Science & Math Division at sciencemathdiv@chabotcollege.edu

**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 sciencemathdiv@chabotcollege.edu

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**MTH 53-003** is part of the DARAJA and Puente Project.

**MTH 53-FY2** & **FY4** is for students in our First Year Experience (FYE) program. FYE offers students the core classes they need to transfer in a timely manner. Career and major exploration are built into FYE with tutoring if needed. For 2014-15, FYE themes include BUS, STEM, Social Justice and Health along with Undecided. For more information and an application visit at http://www.chabotcollege.edu/PACE

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**PACE Course**

**FALL 2014**
### MTH 54 APPLIED INTERMEDATE ALGEBRA 5.0 Units

Functions in the context of real data; rates of change of linear functions; linear systems; laws of rational exponents mathematical models (including graphs) using exponential, logarithmic, power, and linear, quadratic and other polynomial functions; solution of exponential and logarithmic 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 54L have been completed.

This course may require you to purchase access to an online mathematics learning environment and a graphing calculator.

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### 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.

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### MTH 59 ELEMENTAL ALGEBRA 5.0 Units

Elementary concepts, including signed numbers, integer exponents, polynomials and rational expressions; linear, quadratic and rational equations; linear inequalities; introduction to graphs and set theory; systems of equations. Prerequisite: Mathematics 55-FY1& FY3 is for students in our First Year Experience (FYE) program. FYE offers students the core classes they need to transfer in a timely manner. Career and major exploration are built into FYE with tutoring if needed. For 2014-15, FYE themes include BUS, STEM, Social Justice and Health along with undecided. For information and an application visit us at http://www.chabotcollege.edu/Counseling/TCS/FYE.asp

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### MTH 103 BASIC MATHEMATICS 3.0 Units

Basic Arithmetic of whole numbers, fractions, decimals, percents, measurement. This course may require you to purchase access to an online mathematics learning environment.

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### 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.

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### MTH 122 MATH LAB 0.5-1.0 Unit

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

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Students in the Alternative Path in Developmental Math program work on the computer to strengthen basic math skills or to accelerate through precollegiate coursework. Students must be self-motivated and able to work independently. See http://www.chabotcollege.edu/faculty/mho/APDM/ for more detail and registration information.

Please direct questions to Mr. Ming Ho at mho@chabotcollege.edu

### 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. Corequisite: Health 51A (may be taken concurrently).

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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, HLTH 70A, HLTH 70B, MEDA 70A, MEDA 71A and MEDA 75 as well as one of the following computer classes CAS 50, CAS 88A or CSI 81. 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 Jane Valley: medassistvalley@yahoo.com or call (510) 723-7211. If classes are full please come to the first day of each class with your priority number.
MUSA 40 APPLIED LESSONS - GUITAR 1.0 Unit
Fundamentals of acoustic recording and the digital audio workstation. Basic acoustics, principles of analog and digital audio basics, studio set-up, microphone technique, basic mixing techniques and digital audio workstation fundamentals.

MUSA 40 APPLIED LESSONS - BASS 1.0 Unit

MUSA 40 APPLIED LESSONS - LOW BRASS 1.0 Unit

MUSA 40 APPLIED LESSONS - GUITAR 1.0 Unit

MUSA 22A JAZZ PIANO I 1.0 Unit
Voicings, chords, and guidelines for improvisation in the contemporary styles of the jazz pianist. Post bop-era, through modern to avant-garde piano playing in the jazz idiom. Strongly recommended: MUSL 6.

MUSA 23A VOICE I 1.0 Unit

MUSA 40 APPLIED LESSONS - FLUTE 1.0 Unit
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.

MUSA 20A GUITAR I 1.0 Unit
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.

MUSA 22A JAZZ CLARINET I 1.0 Unit
Basic scales, chords and music notation.

MUSA 20A GUITAR I 1.0 Unit
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.

MUSA 20A GUITAR I 1.0 Unit
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.

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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.
MUSL 2A HARMONY AND MUSICIANSHIP I 3.0 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: Music 6 or equivalent skills.
D 20565 Lec TR 8:00-8:50 1223 SCHULTZ 08/18-12/19 OP 001
Lab TR 9:00-10:15 1223 OP
Lab By Arr 1.0 Hrs/Wk TBA OP

MUSL 2C HARMONY AND MUSICIANSHIP III 3.0 Units
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 soffeggio; 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).
D 21569 Lec MW 8:00-8:50 1223 FLORES 08/18-12/19 OP 001
Lab MW 9:00-10:15 1223 OP
Lab By Arr 1.0 Hrs/Wk TBA OP

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.
D 21907 By Arr 6.7 Hrs/Wk ONLINE HARRIS 10/13-12/12 EN1
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

MUSL 4 JAZZ STYLES 3.0 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 20013 Lec MW 10:30-11:45 1224 PALACIO 08/18-12/19 GR 001
D 21570 Lec TR 10:30-11:45 1224 PALACIO 08/18-12/19 GR 002

MUSL 6 BASIC MUSIC SKILLS 2.0 Units
Essentials of music through notation, time elements, melody, harmony, and tonality, texture, dynamics and knowledge of the keyboard. Sight singing and ear training.
D 20209 Lec Tue 1:00-1:50 1223 PALACIO 08/18-12/19 OP 001
Lab Thu 1:00-2:50 1223 OP
Lab By Arr 2.0 Hrs/Wk TBA OP
D 22219 Lec Mon 1:00-1:50 1223 PALACIO 08/18-12/19 OP 002
Lab Wed 1:00-2:50 1223 OP
Lab By Arr 2.0 Hrs/Wk TBA OP

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 21279 Lec MW 9:00-10:15 1224 SCHULTZ 08/18-12/19 OP 001
Lab By Arr 1.0 Hrs/Wk TBA OP
E 22903 Lec Tue 6:00-8:50 1224 SCHULTZ 08/18-12/19 OP 071
Lab By Arr 1.0 Hrs/Wk TBA OP

MUSP 13 WIND SYMPHONY 1.0 Unit
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.
D 21725 Lab TR 2:45-4:00 1245 HARRIS 08/18-12/19 GR 001
Lab By Arr 1.0 Hrs/Wk TBA GR

MUSP 14 JAZZ LAB 1.0 Unit
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.
E 22140 Lab Wed 7:00-9:50 1250 STAFF 08/18-12/19 GR 071
Lab By Arr 1.0 Hrs/Wk TBA GR

MUSP 16 JAZZ ORCHESTRA 1.0 Unit
Jazz Orchestra I is a performance organization that rehearses and performs a variety of contemporary jazz literature. Students develop ability to play various jazz styles, sight read, improvise, and play both as members of a section and as soloists. The orchestra plays various concerts and festivals. Opportunities to rehearse the orchestra as well as conduct. Enrollment by audition only.
D 21727 Lab TR 1:00-2:30 1250 Staff - Fi 08/18-12/19 GR 001
Lab By Arr 1.0 Hrs/Wk TBA GR
MUSP 18 PERCUSSION ENSEMBLE 1.0 Unit
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 21057 Lec Thu 12:00 12:50 1245 STORCH 08/18-12/19 GR 001
Lab By Arr 3.0 Hrs/Wk TBA

MUSP 41 CHAMBER WINDS 1.0 Unit
Chamber Winds is open to any instrumental musician wishing to experience chamber ensemble playing. Topics will include a variety of styles and techniques used in chamber performance. Enrollment is subject to a standardized audition by the instructor demonstrating musical ability and technical proficiency at a level suitable to the course level. Corequisite: Music 12A, 12B, 13A, 13B, or 13C.

E 22716 Lab Wed 7:00 9:50 1245 HARRIS 08/18-12/19 GR 071
Lab By Arr 1.0 Hrs/Wk TBA

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 21228 Lab MW 3:00 4:15 1224 Staff - Fi 08/18-12/19 GR 001
Lab By Arr 1.0 Hrs/Wk TBA

MUSP 45 CHAMBER CHOIR 1.0 Unit
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 21449 Lab MW 3:00 4:15 1224 Staff - Fi 08/18-12/19 GR 001
Lab By Arr 1.0 Hrs/Wk TBA

NURSING

NURS 55 FUNDAMENTALS OF NURSING PRAC 8.5 Units
Introduction to fundamental concepts and practices in nursing care across the life span with emphasis on later-life issues. Application of the nursing process to the care of adult clients with the following chronic disorders: Hypertension, Cancer, Diabetes Mellitus, Coronary Artery Disease, and Cerebrovascular Accidents, and the acute processes of pneumonia and influenza. Beginning nursing skills include: principles of medical asepsis, body mechanics, standard precautions, hygienic and nutrition care, basic assessment, and administration of fluids and medications. 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 safe clinical practice will be included. Prerequisite: Acceptance into the Nursing Program. Corequisite: NURS 69, NURS 61, NURS 58, NURS 56, NURS 74.
D 20395 Lec Thu 10:00 11:50 3115 GILLIS 08/18-12/19 GR 001
Lec Mon 10:00 11:50 3115 GR
Lec Mon 7:00 8:50 3116 GR
Clin Tw 7:00 12:30 *060 GR
D 20396 Lec Mon 10:00 11:50 3115 GILLIS 08/18-12/19 GR 002
Lec Thu 10:00 11:50 3115 GR
Clin Mon 7:00 8:50 3116 GR
Clin Tw 7:00 12:30 *060 GR
D 20539 Lec Mon 10:00 11:50 3115 GILLIS 08/18-12/19 GR 003
Lec Thu 10:00 11:50 3115 GR
Clin Mon 7:00 8:50 3116 GR
Clin Tw 7:00 12:30 *060 GR
D 23038 Lec Mon 10:00 11:50 3115 GILLIS 08/18-12/19 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
D 20638 Lec Mon 10:00 11:50 3115 CRISTOBAL 08/18-12/19 GR VC1
Lec Thu 10:00 11:50 3115 GR
Clin Mon 7:00 8:50 *192 GR
Clin Tw 7:00 12:30 *192 GR

NURS 56 NSG CARE GROWTH/DEVELOPMENT 0.5 Unit
Overview of human growth and development from infancy to late adulthood with continuation throughout the nursing program. Prerequisite: Acceptance into the Nursing Program, or concurrent enrollment in another nursing program or with consent of instructor.
D 20401 Lec Thu 1:00 1:50 3115 MOFIDI 08/18-10/17 GR 001

NURS 58 NURS CARE-PATIENT INFEC DISEASE 1.0 Unit
Nursing processes in the care of clients with infectious diseases with an emphasis on HIV and Hepatitis including pathophysiology, psychosocial and pharmacological issues, and preventive measures. Significance of specific nursing care measures, therapeutic health care giver attitudes and behaviors, and community resources available for caregivers and patients. Prerequisite: Satisfactory completion of or concurrent enrollment in Nursing 55 or 70 or equivalent.
D 21099 Lec Thur 9:00 9:50 3115 MOFIDI 08/18-12/19 GR 001

NURS 59 NURS CARE OF THE CHILDBEAR FAM 8.5 Units
Nursing care of the childbearing and child rearing families: The focus is on the psychological and physiological needs of families as they are affected by pregnancy, labor and birth, postpartum, and newborn stages. Common health issues and problems of infants, children, and adolescents are addressed. 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 childbearing and child rearing families. Prerequisite: NURS 55 (completed with a grade of “C” or higher), NURS 56 (completed with a grade of “C” or higher), NURS 61 (completed with a grade of “C” or higher), and NURS 69 (completed with a grade of “C” or higher). Corequisite: Requires satisfactory completion of or concurrent enrollment in Nursing 57, 58, 64 and 75.
D 20425 Lec Mon 8:00 9:50 3102 MOFIDI 08/18-12/19 GR 001
Lec Thu 10:00 11:50 2258 GR
Clin Mon 10:00 11:50 2271 GR
Clin Wed 6:00 11:30 *060 GR
Clin Fri 6:00 11:30 *060 GR

NURS 60A ADULT HEALTH I 8.5 Units
Emphasis on the use of the nursing process in requiring treatment in medical-surgical and psychiatric care settings. Theory and clinical practice includes integration of biopsychosocial assessment skills, nutrition, pharmacological and crisis intervention concepts, legal-ethical issues, and anger management. Concepts related to the California Nursing Practice Act, as well as principles of safe clinical practice will be included. Prerequisite: NURS 55 completed with a grade of “C” or higher, NURS 56 completed with a grade of “C” or higher, NURS 61 completed with a grade of “C” or higher, and NURS 69 completed with a grade of “C” or higher. Satisfactory completion of or concurrent enrollment in Nursing 57, 58, 64, 75.
D 20429 Lec Mon 10:00 11:50 3102 COCKERHAM 08/18-12/19 GR 001
Lec Thu 10:00 11:50 3102 GR
Clin Mon 12:00 1:50 2258 GR
Clin Tw 2:45 8:15 *060 GR
D 21885 Lec Mon 10:00 11:50 3102 COCKERHAM 08/18-12/19 GR 002
Lec Thu 10:00 11:50 3102 GR
Clin Mon 12:00 1:50 3116 GR
Clin Tw 2:45 8:15 *060 GR
D 20757 Lec Mon 10:00 11:50 3102 BAIARDI 08/18-12/19 GR VC1
Lec Thu 10:00 11:50 3102 GR
Clin Mon 12:00 1:50 *192 GR
Clin Tw 2:45 8:15 *192 GR
D 20939 Lec Mon 10:00 11:50 3102 BAIARDI 08/18-12/19 GR VC2
Lec Thu 10:00 11:50 3102 GR
Clin Mon 3:30 5:20 *192 GR
Clin Tw 2:45 8:15 *192 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 20268 Lec Mon 2:00 3:20 3115 BAIARDI 08/18-12/19 GR 001

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**NURS 64**  PHARMACOLOGY FOR PROFESSIONAL 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 pharmacological concepts unique to the child.

D 21225 Lec Thur 2:30 4:50 3102 BAIARDI 08/18-12/19 GR 001

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**NURS 69**  GERONTOLOGICAL NURSING  1.0 Unit

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.

NURS 55 and NURS 61 or completion of NURS 70.

D 20275 Lec Mon 9:00 9:50 3115 GILLIS 08/18-12/19 GR 001

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**NURS 70**  NURSING 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, 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 completion of NURS 70.

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**NURS 73**  INTRAVENOUS THERAPY  1.0 Unit

Safe administration and instruction of intravenous therapy as a treatment modality. Includes preparation of intravenous admixtures, venipuncture, and 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 69 or satisfactory completion of equivalent.

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**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.

**NUTR 71**  INTRODUCTION TO NUTRITION  1.0 Unit


D 20090 Lec TR 12:00 1:15 3116 CIRERA-PERE 08/18-12/19 OP 001

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**NUTR 70L**  CLINICAL SKILLS PRACTICE/ASSESS LAB  0.5 Unit

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.

E 21330 Lab Mon 4:00 5:15 3116 CIRERA-PERE 08/18-12/19 P/N 071
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 citizens, as existing in nature, and as a creator of the arts and 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).

E 22259 Lec Wed 6:00 8:50 805 Staff - Fi 08/18-12/19 GR 001
D 20954 By Arr 3.0 Hrs/Wk ONLINE Staff - Fi 08/18-12/19 GR ON1

PHIL 60 INTRO TO PHILOSOPHY: 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.

PHOTOGRAPHY

PHOT 50 INTRODUCTION TO PHOTOGRAPHY 3.0 Units

PHOT 60 INTER BLACK AND WHITE PHOTO 3.0 Units
Using exposure/development controls related to black and white negatives. Development of competent print making skills. Emphasis on visual and critical problems related to black and white photography. Prerequisite: Photography 50 (completed with a grade of “C” or higher).

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.

ADPE 1DSS DISABLED STRETCH/STRENGTH TRAI 1.0 Unit
Designed to give students with disabilities a chance to gain strength and mobility through a series of stretching and encouraging encouragement. Prerequisite: Students must have their personal physician’s clearance for the class and must be registered with Disabled Student Services.

ADPE ADSF ADAPTATED STRETCH & FLEXIBILITY 1.0 Unit
This course is designed for 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.

ADPE ADST ADAPTED STRENGTH TRAINING 1.0 Unit
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: Students must have their personal physician's approval to take this course and must be registered with the DSRC.

ADPE 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.

ADPE 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 experience.

ADTH 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.

ADTH BBPS PRE-SEASON INTCOLLEGI BASEBALL 1.5 Units
This is a course for pre-season Intercollegiate Baseball. The student will have the opportunity to 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.

ADTH 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.

ADTH 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 experience.

ADTH 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.

ADPH 1DSS DISABLED STRETCH/STRENGTH TRAI 1.0 Unit
Designed to give students with disabilities a chance to gain strength and mobility through a series of stretching and encouraging encouragement. Prerequisite: Students must have their personal physician’s clearance for the class and must be registered with Disabled Student Services.

ADPH ADSF ADAPTATED STRETCH & FLEXIBILITY 1.0 Unit
This course is designed for 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 approval to take this course and must be registered with the DSRC.
**ATHL MB11 MEN’S INTERCOLLEGIATE BSKTBL**  **1.5 Units**

Training for intercollegiate athletics. 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 22019  Daily 4:30-5:20  2500  AYE  08/18-12/19  OP  001

**ATHL TRKP PRE-SEASON TRACK AND FIELD TR**  **1.5 Units**

Strongly Recommended: A high level of ability to play competitive tennis. Prior background in competitive tennis is a must.

D 22020  Daily 11:00-12:30  2500  AYE  08/18-12/19  OP  001

**ATHL PRWR PRE-SEASON COMPETITI WRESTLING**  **1.0 Unit**

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 22587  MWF  3:30-4:20  2910  SIROY  08/18-12/19  OP  001

**ATHL PSGF PRE-SEASON COMPETITIVE GOLF**  **1.5 Units**

Pre-season training for athletes intending to participate in Intercollegiate Golf in the Spring.

D 22225  TR  1:30-3:45  *052  PAPACHRISTO08/18-12/19  OP  001

**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 22227  M 2:00-3:25  SBFLD  LOKEY  08/18-12/19  OP  001

**ATHL SM3 MEN’S 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 21955  Daily 3:30-5:20  2910  SIROY  08/18-12/19  OP  001

**ATHL SW2 INTERCOLLEGIATE WOMEN’S 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 21958  Daily 1:30-3:20  2940  ANGER  08/18-12/19  OP  001

**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 22196  TRF  2:00-3:25  COURTH  MOWRIS  08/18-12/19  OP  001

**ATHL TRKP PRE-SEASON TRACK AND FIELD TR**  **1.5 Units**

D 22226  TR  1:30-3:45  FIELD  ROBINSON  08/18-12/19  OP  001

**ATHL VB4 WOMEN’S INTERCOLLEGI 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.

D 21957  Daily 1:30-3:20  2500  SAMMONS  08/18-12/19  OP  001

**ATHL WB10 INTERCOLLEGIATE WOMEN’S 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 22023  Daily 1:30-2:20  2940  ANGER  08/18-12/19  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 21956  Daily 1:30-3:20  2910  SIROY  08/18-12/19  OP  001

**PHYSICAL EDUCATION-HEALTHY AGING ADULT**

**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 22658  TR  12:00-12:50  POOL  RUBINO III  08/18-12/19  OP  001

**PHYSICAL EDUCATION-KINESIOLOGY**

**KINE 1 INTRO TO KINE & PHYSICAL EDU**  **3.0 Units**

This is an introductory course that surveys various subdisciplines 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 22015  Lec  MW  10:30-11:45  2611  DROUIN  08/18-12/19  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 21993  Lec  MW  9:00-10:15  2611  MILLER  08/18-12/19  OP  001

D 21993  Lec  Tu  12:00-12:50  2901  By Arr 2.0 hrs/WK  901  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 22017  Lec  Fri  11:00-12:50  2611  IGWE  08/18-12/19  OP  001

**KINE 6 PERF ENHANCE 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.

D 22050  Lec  TR  10:30-11:45  2611  KUBICKI  08/18-12/19  OP  001
### 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 22199 By Arr 3.0 Hrs/Wk ONLINE GRACE 08/18-12/19 OP ON1
KINE 10-ON1 is an online course with no required on-campus meetings. [http://www.chabotcollege.edu/online](http://www.chabotcollege.edu/online)

### KINE 12BK INTRO BASKETBALL OFFICIATING 2.0 Units
Designed to teach the Fundamentals of Basketball Officiating, National Federation and NCAA Rules, Responsibilities, Court Mechanics & Concepts of Officiating with Two Person and Three Person Techniques.

D 22218 Lec Fri 1:00 1:50 2611 AYE 08/18-12/19 OP 001
TR 12:35 1:50 2611 OP

### 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 22104 By Arr 3.0 Hrs/Wk ONLINE GRACE 08/18-12/19 OP ON1
KINE 14-ON1 is an online course with no required on-campus meetings. [http://www.chabotcollege.edu/online](http://www.chabotcollege.edu/online)

### KINE 15 INTRO TO PERSONAL FIT TRAINING 3.0 Units
Includes the areas of physical activity and health, fitness, 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 22202 By Arr 3.0 Hrs/Wk ONLINE GRACE 08/18-12/19 OP ON1
KINE 15-ON1 is an online course with no required on-campus meetings. [http://www.chabotcollege.edu/online](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 22206 Lec TR 3:00 3:50 2611 CALCAGNO 08/18-12/19 OP 001

### KINE 17 THEORY/TECH DEFENSIVE FOOTBALL 2.0 Units
Analysis and examination of various approaches to defensive intercollegiate football. Includes all aspects of defensive football; kick off, punt rush, punt return and P.A.T./FG rush. May not receive credit if Physical Education 27 has been completed.

D 22194 Lec MW 3:00 3:50 2611 CALCAGNO 08/18-12/19 GR 001

### KINE 19 HLTH/FIT FOR LAW ENFORCEMENT 2.0 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.

D 21997 MW 10:30 11:45 2920 PASTORE 08/18-12/19 OP 001
By Arr 1.0 Hrs/Wk ONLINE OP
KINE 19-001 is partially taught online. For important additional information, go to [http://www.chabotcollege.edu/online](http://www.chabotcollege.edu/online) (2 hours classroom + 1 hour online each week).

### KINE ASSE PHYSICAL FITNESS ASSESSMENTS 1.0 Unit
Students will learn how to perform Physical Fitness Assessments on body composition, flexibility, muscular strength and endurance. Upon assessing fitness status students will develop an exercise prescription to maintain or improve their physical fitness level. May not receive credit if Physical Education 6 has been completed.

O 22013 By Arr 1.0 Hrs/Wk ONLINE VILCHE 08/18-12/19 OP ON1
All aspects of this course may be taken online with the exception of the actual pre and post fitness assessments. In order to do so, students must have an email account, internet access and MS Word 97 (or later) before the first day of class. To begin, go to [http://www.chabotcollege.edu/PE](http://www.chabotcollege.edu/PE) For questions, call (510) 723-7840. All students must complete online orientation. Following orientation, students will select an appointment for the actual fitness assessment scheduled in room 4000. Assessment times are: Tuesday, August 26, 1:00pm, Tuesday, August 26, 5:00pm, Tuesday, November 4, 1:00pm, Tuesday, November 4, 5:00pm, Thursday, November 6, 12:00pm.

### KINE CSA COLLEGE SUCCESS FOR ATHLETES 1.0 Unit
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 21992 By Arr 2.0 Hrs/Wk ONLINE MANOS 08/18-10/17 OP EN1
KINE CSA-EN1 is a short-term online course with no required on-campus meetings. [http://www.chabotcollege.edu/online](http://www.chabotcollege.edu/online)

### PHYSICAL EDUCATION

#### PEAC ARH1 ARCHERY 1 1.0 Unit
This beginning course in archery has an emphasis on safety, knowledge, and basic skill development in a variety of beginning archery activities.

D 21964 MW 10:30 11:45 AFDL IGWE 08/18-12/19 OP 001
D 21965 TR 10:30 11:45 AFDL IGWE 08/18-12/19 OP 002

#### PEAC ARH2 INTERMEDIATE ARCHERY 1.0 Unit
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 22386 MW 10:30 11:45 AFDL IGWE 08/18-12/19 OP 001
D 22388 TR 10:30 11:45 AFDL IGWE 08/18-12/19 OP 002

#### PEAC ARH3 ADVANCED ARCHERY 1.0 Unit
Advanced instruction in Archery and bowmanship. **Prerequisite: PEAC ARH2 (completed with a grade of “P” or higher).**

D 22387 MW 10:30 11:45 AFDL IGWE 08/18-12/19 OP 001
D 22389 TR 10:30 11:45 AFDL IGWE 08/18-12/19 OP 002

#### PEAC BAD1 INTRODUCTION TO BADMINTON 1.0 Unit
Basic fundamental badminton techniques strategies will be covered.

D 22202 TR 9:00 10:15 2500 MORRIS 08/18-12/19 OP 001
D 22203 Fri 9:00 11:50 2500 MORRIS 08/18-12/19 OP 002

#### PEAC BAD2 INTERMEDIATE BADMINTON 1.0 Unit
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.**

D 22390 TR 9:00 10:15 2500 MORRIS 08/18-12/19 OP 001
D 22394 Fri 9:00 11:50 2500 MORRIS 08/18-12/19 OP 002

#### PEAC BAD3 ADVANCED BADMINTON 1.0 Unit
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 “C” or higher).**

D 22391 TR 9:00 10:15 2500 MORRIS 08/18-12/19 OP 001
D 22392 Fri 9:00 11:50 2500 MORRIS 08/18-12/19 OP 002
PEAC BS1K INTRODUCTION TO BASKETBALL 1.0 Unit
Designed to teach to the basic skills of basketball.
Cr: 1
Prerequisite: PEAC BSK1.
Offsite room *197 meets at ADVANCED CIRCUIT CENTER 25555 HESPERIAN BLVD HAYWARD, CA

PEAC BS2K INTERMEDIATE BASKETBALL 1.0 Unit
Designed to teach intermediate skills of basketball. Prerequisite: PEAC BS1K.

PEAC FUN1 BEGIN FUNCTIONAL TR FAT LOSS 1.0 Unit
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.

PEAC FUN2 INTERM FUNCTIONAL TR FAT LOSS 1.0 Unit
Designed to challenge students who have successfully completed Beginning Functional Training. Course is very hard in intensity. Prerequisite: PEAC FUN1.

PEAC FUN3 ADVANCED FUNCTIONAL TR FOR FAT LOSS 1.0 Unit
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).

PEAC FUN3 (CONTINUED)

PEAC HEAR BASIC HEART RATE TRAINING 1.0 Unit
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.

PEAC HIP1 INTRODUCTION TO HIP HOP DANCE 0.5 Unit
A dance class designed to teach students the fundamental dance steps and techniques of Beginning Hip-hop dance.

PEAC HIP2 ADV BEGINNING HIP-HOP DANCE 1.0 Unit
Advanced beginning Hip-hop Dance choreography, alignment, floor patterns, with group interactions and projects. Prerequisite: PEAC HIP1 (completed with a grade of “C” or higher).

PEAC HIP3 INTERMEDIATE HIP-HOP DANCE 1.0 Unit
Intermediate hip-hop dance techniques, steps, routines and group presentations. Prerequisite: PEAC HIP2 (completed with a grade of “C” or higher).

PEAC HTA1 HIPS, THIGHS AND ABS WORKOUT 1.0 Unit
This course is designed to reduce, tone and strengthen the abdominal and buttock regions. Strenuous exercises to tone, strengthen and reduce the abdominal, buttocks and thigh region through exercises. Proper techniques for a variety of exercises for specific muscle groups will be presented.

PEAC HTA2 INTERM HIPS, THIGHS & ABS 1.0 Unit
Strenuous exercises to tone, strengthen and reduce the abdominal, buttocks and thigh regions. Prerequisite: PEAC HTA1.
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| PEAC PIL2 INTERMEDIATE PILATES 1.0 Unit  
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. **Recommended:** PEAC PIL1 (completed with a grade of “C” or higher).  
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| PEAC PIL3 ADVANCED PILATES 1.0 Unit  
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. **Recommended:** PEAC PIL2 (completed with a grade of “C” or higher).  
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**Additional Notes:**
- **PEAC HTA3 ADV HIPS, THIGHS & ABS WORKOUT 1.0 Unit**  
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 “C” or higher).

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**Recommended:** Previous athletic experience.

- **PEAC INSC INDOOR SOCCER/ FUTSOL 1.0 Unit**  
Emphasizes the fundamental skills and strategies of futsol. Offensive and defensive positions and basic team strategies will be addressed. **No previous futsol experience is necessary.**

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**Recommended:** Previous athletic experience.

- **PEAC PIL1 INTRODUCTION TO PILATES 1.0 Unit**  
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. Students will learn about eating to support an active lifestyle as well as principles of total wellness. **Recommended:** PEAC PIL1 (completed with a grade of “C” or higher).

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**PEAC TEN1 INTRODUCTION TO TENNIS** 1.0 Unit  
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.

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**PEAC TEN2 INTERMEDIATE TENNIS** 1.0 Unit  
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 and doubles play. Prerequisite: PEAC TEN1 (completed with a grade of “C” or higher).

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<th>Time(s)</th>
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**PEAC TEN3 ADVANCED TENNIS** 1.0 Unit  
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 “C” or higher).

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**PEAC TKD1 TAE-KWON-DO** 0.5-2.0 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.

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**PEAC WAPO WATER POLO** 1.5 Units  
Designed to provide the student the opportunity to develop, play, 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. 

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**PEAC WEI1 INTRO TO WEIGHT TRAINING** 1.0 Unit  
Designed to teach the basics 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.

<table>
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**PEAC WEI2 INTERMEDIATE WEIGHT TRAINING** 1.0 Unit  
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 “C” or higher).

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**PEAC WEI3 ADVANCED WEIGHT TRAINING** 1.0 Unit  
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 “C” or higher).

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### PEAC SPM2 INTER PLYO SPEED TRAIN FOR MEN

**1.0 Unit**

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).

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### PHYSICS

#### PHYS 11 DESCRIPTIVE PHYSICS

**4.0 Units**

Introduction to the major principles of classical mechanics and electricity using precalculus mathematics. Includes Newtonian mechanics, energy, gravitation, fluids, thermodynamics, vibration waves, and electrostatics. **Prerequisite:** Mathematics 20 or 36, 37 or 38 (completed with a grade of “C” or higher).

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#### PHYS 2A INTRODUCTION TO PHYSICS I

**4.0 Units**

Introduction to the major principles of classical mechanics and electricity using precalculus mathematics. Includes Newtonian mechanics, energy, gravitation, fluids, thermodynamics, vibration waves, and electrostatics. **Prerequisite:** Mathematics 20 or 36, 37 or 38 (completed with a grade of “C” or higher).

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#### PHYS 4B GENERAL PHYSICS II

**5.0 Units**

Thermodynamics, electric fields, electric currents, magnetic fields, induced currents, and alternating circuits. **Prerequisite:** Mathematics 4A and Mathematics 2 (both completed with a grade of “C” or higher).

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#### 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).

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#### 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.**

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**PSYCHOSYCHOLOGY**

**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.**

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**PSY 4  BRAIN, MIND AND BEHAVIOR 3.0 Units**

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. Psychological, hormonal, behavioral 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.**

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<tr>
<td>D 22086</td>
<td>Lec</td>
<td>MW</td>
<td>9:00-10:15</td>
<td>556</td>
<td>ESTEPA</td>
<td>08/18-12/19</td>
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<td>D 22618</td>
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<td>10:30-11:45</td>
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<td>NIJJAR</td>
<td>08/18-12/19</td>
<td>GR</td>
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**PSY 5  INTROSTATS FOR BEHAV & 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 33, MTH 33B, MTH 34, MTH 34L, MTH 45, MTH 55L or MTH 55 with a grade of "C" or higher or an appropriate skill level demonstrated through the Mathematics Assessment process. Strongly Recommended: ENGL 1A.**

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<td>D 22617</td>
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<td>Mon</td>
<td>12:00-1:15</td>
<td>507</td>
<td>GARCIA</td>
<td>08/18-12/19</td>
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**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.**

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<td>D 21250</td>
<td>Lec</td>
<td>Wed</td>
<td>1:30-2:40</td>
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<td>BARDE</td>
<td>08/18-12/19</td>
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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 21251 Lec MW 1:30 2:45 557 DICKINSON 08/18-12/19 GR 071

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.
E 21252 Lec Tue 5:30 8:20 554 DICKINSON 08/18-12/19 GR 001

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 potentials through genetic inheritance, maturation and learning in a physical and socio-cultural environment; dynamics of individual and group behavior, motivation, stress, adaptive and maladaptive behavior and group and individual interaction. Strongly recommended: English 1A or 52A.
E 21898 Lec Wed 6:30 9:20 856 GRIMM 08/18-12/19 GR EP1
This is a PACE Course. Enrollment priority is given to PACE students, but the course will open up to all students on July 21st. 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 20492 Lec Tue 1:30 4:20 559 STAFF 08/18-12/19 OP A01

PSCN 2 INTRO CASE MGMT FOR HUMN SERV 3.0 Units
O 20641 By Arr 3.0 Hrs/Wk ONLINE ALARCON 08/18-12/19 OP ON1
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 4 MULTIETHNIC/CULTURAL COMMUNIC 3.0 Units
Exploration of intercultural and interethic individual behavior in relationships and the communication between and within at least three of five cultural/ethnic groups in the United States: (1) African-Americans, (2) Asian-Americans, (3) Native/Indigenous Americans, (4) Pacific Islander-Americans, (5) Hispanic-Americans. Ethnic/cultural social norms influencing interpersonal communication. Antecedents of successful and failed interpersonal ethnic/cultural communication styles and increase understanding of these styles. Significant practice and discussion of individual/group communication styles. Development of individual communication styles between individuals in dominant and emerging subcultures that inhibit individual goal achievement. Use of social science methods of inquiry in interpersonal communication as it applies to successful functioning in and between individuals of different ethnic/cultural groups.
D 21557 Lec TR 10:30 11:45 1752 TRIPP 08/18-12/19 OP A01

PSCN 901 PERSONAL GROWTH I 1.0 Unit
Designed to provide academic and personal counseling to students with disabilities in a support group environment.
D 20258 Lec Mon 1:30 2:20 2408 ALLEN 08/18-12/19 P/N 001

PSCN 902 PERSONAL GROWTH II 1.0 Unit
Designed to provide academic and personal counseling to students with disabilities in a support group environment.
D 20259 Lec Tue 2:30 3:20 2408 ALLEN 08/18-12/19 P/N 001

PSCN 903 PERSONAL GROWTH III 1.0 Unit
Designed to provide academic and personal counseling to students with disabilities in a support group environment.
D 20675 Lec Thur 2:30 3:20 2408 ALLEN 08/18-12/19 P/N 001

PSCN 904 PERSONAL GROWTH IV 1.0 Unit
Designed to provide academic and personal counseling to students with disabilities in a support group environment.
E 20676 Lec Wed 5:00 5:50 2408 ALLEN 08/18-12/19 P/N 071

PSCN 10 CAREER AND EDUCATION PLANNING 2.0 Units
Exploration of the concept of educational/career planning focusing on personal career development through self-assessment, psychological testing, and individual counseling. Emphasis on clarification of individual interests, values, needs, and abilities and investigation of occupational opportunities in the world of work. Designed for those undecided or uncertain about their career and educational plans. May not receive credit if Psychology-Counseling 10A or 10B has been completed.
D 20132 Lec MW 10:30 11:20 551 Staff - Co 08/18-12/19 OP 001
D 22755 Lec TR 9:30 10:20 554 PLAZA 08/18-12/19 OP 002
O 20536 By Arr 2.8 Hrs/Wk ONLINE GREENE 09/15-12/12 OP EN1
PSCN 10-EN1 is a short-term online course with no required on-campus meetings. For important additional information, go to http://www.chabotcollege.edu/online/
O 21961 By Arr 2.0 Hrs/Wk ONLINE ASHRAF 08/18-12/19 GR ON1
PSCN 10-ON1 is an online course with no required on-campus meetings. For important additional information, go to http://www.chabotcollege.edu/online/

PSCN 11 INTERPERSONAL RELATIONSHIPS 2.0 Units
Exploration of behavior in interactions with others. Designed to improve interpersonal relationships for the benefit of academic, career, and personal development.
E 20937 Lec Mon 1:00 2:50 551 D ALOISIO 08/18-12/19 P/N 001

PSCN 13 MULTICULTURAL ISSUES/AMERICA 3.0 Units
Exploration of issues relating to the multicultural community in which we live. Focus on improving the individual’s understanding of other cultures and how those cultures impact the American lifestyle. Includes exploration of myths and stereotypes. Focus on improving the individual’s understanding of other cultures and how those cultures impact the American lifestyle. Includes exploration of myths and stereotypes.

PSCN 15 COLLEGE STUDY SKILLS 2.0 Units
Review of study skill techniques for success in college. Time management, personal learning style, active listening, note-taking and test-taking strategies. Use of modeling, practice and evaluation of study skill techniques.
D 20134 Lec MW 11:00 11:50 2252 ASHRAF 08/18-12/19 OP 001
E 20899 Lec Wed 6:00 8:35 859 PLAZA 09/13-12/12 OP E71
O 21963 By Arr 2.0 Hrs/Wk ONLINE ASHRAF 08/18-12/19 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/
## Chabot College • Summer/Fall 2014 Class Schedule

### 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.

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<td>22753</td>
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<td>559</td>
<td>PLAZA</td>
<td>09/18-11/13</td>
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### 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.

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<td>20481</td>
<td>By Arr 3.0 Hrs/Wk</td>
<td>MUMFORD</td>
<td>08/18-12/19</td>
<td>OP ON1</td>
<td>81A-ON1</td>
<td>is an online course with no required on-campus meetings. For important additional information, go to <a href="http://www.chabotcollege.edu/online">http://www.chabotcollege.edu/online</a></td>
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### 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.

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<td>20422</td>
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<td>08/18-12/19</td>
<td>GR ON1</td>
<td>82A-ON1</td>
<td>is an online course with no required on-campus meetings. For important additional information, go to <a href="http://www.chabotcollege.edu/online">http://www.chabotcollege.edu/online</a></td>
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### 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.

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<td>MUMFORD</td>
<td>08/18-12/19</td>
<td>OP ON1</td>
<td>83-ON1</td>
<td>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 <a href="http://www.chabotcollege.edu/online">http://www.chabotcollege.edu/online</a></td>
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### 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. 

**Strongly recommended:** Real Estate 80.

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<td>By Arr 3.0 Hrs/Wk</td>
<td>MUMFORD</td>
<td>08/18-12/19</td>
<td>GR ON1</td>
<td>84-ON1</td>
<td>is an online course, with no required on-campus meetings. For important additional information, go to <a href="http://www.chabotcollege.edu/online">http://www.chabotcollege.edu/online</a></td>
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### 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.

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<td>MUMFORD</td>
<td>08/18-12/19</td>
<td>GR ON1</td>
<td>88-ON1</td>
<td>is an online course with no required on-campus meetings. For important additional information, go to <a href="http://www.chabotcollege.edu/online">http://www.chabotcollege.edu/online</a></td>
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### 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.

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<td>20212</td>
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<td>405</td>
<td>MUMFORD</td>
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### 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 patterns of each as shown by fundamental scriptures, practices and works of art, highlighting underlying patterns. 

**Important additional information:** http://www.chabotcollege.edu/TECS/FYE.asp.
SERVICE LEARNING

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 22211 Lec Tue 1:00-1:50 801 MARTINEZ 08/18-12/19 P/N 001
Lab By Arr 3.0 Hrs/Wk TBA P/N
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 22212 Lec Tue 1:00-1:50 801 MARTINEZ 08/18-12/19 P/N 001
Lab By Arr 3.0 Hrs/Wk TBA P/N
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 22213 Lec Tue 1:00-1:50 801 MARTINEZ 08/18-12/19 P/N 001
Lab By Arr 3.0 Hrs/Wk TBA P/N
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. 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.

E 22249 Lec Wed 6:00-8:50 2254 Staff - Fi 08/18-12/19 GR 071
### Course Descriptions

**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.

CRN: 20662  Lec TR 9:00-10:15 558 AHMED 08/18-12/19 OP A01

**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 20663 By Arr 3.0 Hrs/Wk ONLINE TONG 08/18-12/19 OP ON1
SOCI 4-ON1 is an on-line course with no required on-campus meetings. For important additional information, 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 21118 Lec TR 7:45-8:50 359 ZERMENO 08/18-12/19 OP 001
Lab Mon 3:00-4:00 352 OP
D 21116 Lec TR 1:30-2:45 353 LAZO FUENTE 08/18-12/19 OP 002
Lab Tue 3:50-4:40 352 OP
D 21155 Lec MW 9:00-11:15 351 LAIN 08/18-12/19 OP 003
Lab Mon 11:20-12:10 352 OP
D 21154 Lec MW 12:00-1:15 351 ALFONSO 08/18-12/19 OP 004
Lab Wed 2:20-3:10 352 OP
D 21699 Lec MW 3:00-5:15 359 WOLPE 08/18-12/19 OP 005
Lab Mon 5:20-6:10 352 OP
E 2157 Lec TR 4:30-6:45 359 SALAMANCA 08/18-12/19 OP 071
Lab Tue 6:50-7:40 352 OP
Q 21158 By Arr 6.0 Hrs/Wk ONLINE MOON 08/18-12/19 OP ON1
Q 21155 By Arr 6.0 Hrs/Wk ONLINE MOON 08/18-12/19 OP ON2
SPA 1A-ON1&ON2 are online courses with no on-campus meetings. Students must have an email account and Internet access to login to Blackboard by the first day of class, Monday, August 18, 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 cmoore@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 21168 Lec MW 12:00-2:15 855 BUENO 08/18-12/19 OP 001
Lab Mon 2:20-3:10 352 OP
D 21219 Lec TR 10:30-11:45 TBA 08/18-12/19 OP ON1
By Arr 3.0 Hrs/Wk ONLINE
SPA 18-ON1 is a hybrid course conducted both on-campus (50%) and online (50%). Students must have an email account and Internet access to login to Blackboard by the first day of class, Monday, August 18, 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 cmoore@chabotcollege.edu

O 21281 By Arr 6.0 Hrs/Wk ONLINE MOON 08/18-12/19 OP ON2
SPA 18-ON2 is an online course with no on-campus meetings. Students must have an email account and Internet access to Blackboard by the first day of class, Monday, August 18, to read the announcements and see assignments. To begin, go to http://www.chabotcollege.edu/online. Contact the instructor for more information at cmoore@chabotcollege.edu

**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 21169 Lec MW 9:00-10:50 359 ZERMENO 08/18-12/19 OP 001
Lab Wed 11:00-11:50 352 OP
D 21170 Lec TR 9:00-10:50 359 ZERMENO 08/18-12/19 OP 001
Lab Thur 1:00-1:50 352 OP

**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).

D 21171 Lec TR 9:00-10:50 359 ZERMENO 08/18-12/19 OP 001
Lab Wed 1:00-1:50 352 OP

**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 20736 Lec MW 9:00-10:15 1328 HASSAN 08/18-12/19 GR 001
Lab By Arr 1.0 Hrs/Wk TBA
D 20737 Lec TR 9:00-10:15 1328 HASSAN 08/18-12/19 GR 002
Lab By Arr 1.0 Hrs/Wk TBA
D 20735 Lec MW 10:30-11:45 1257 Staff - Fi 08/18-12/19 GR 003
Lab By Arr 1.0 Hrs/Wk TBA

**THTR 2 INTERMEDIATE ACTING** 3.0 Units
This course follows Acting 1 and continues the exploration of theories and techniques used in preparation for the interpretation of drama through acting. The emphasis will be placed on deepening the understanding of the acting process through character analysis, monologues, and scenes. Prerequisite: THTR 1 (completed with a grade of “C” or higher).

D 21913 Lec TR 10:30-11:45 1328 HASSAN 08/18-12/19 GR 001
Lab By Arr 1.0 Hrs/Wk TBA

**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 21567 Lec MW 10:30-11:45 1328 AMAYO-HASSA 08/18-12/19 OP 001

**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 21578 Lec MW 12:00-1:15 1328 HASSAN 08/18-12/19 GR 001
Lab Mon 1:30-2:20 1328

**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 20738 Lec MW 10:30-11:45 557 HASSAN 08/18-12/19 GR 001

**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 (completed with a grade of “C” or higher).

D 22102 Lec MW 12:00-1:15 552 LE PELL 08/18-12/19 GR 001
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. Strongly Recommended: ENGL 1A (completed with a grade of “C” or higher). Prerequisite: THTR 16A (completed with a grade of “C” or higher).

D 22103 Lec  MW 12:00  1:15  552 LE PELL 08/18-12/19 GR 001

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. Strongly Recommended: ENGL 1A (completed with a grade of “C” or higher). Prerequisite: THTR 16B (completed with a grade of “C” or higher).

D 22104 Lec  MW 12:00  1:15  552 LE PELL 08/18-12/19 GR 001

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 committed to regional competitions with author permission. Strongly Recommended: ENGL 1A (completed with a grade of “C” or higher). Prerequisite: THTR 16C (completed with a grade of “C” or higher).

D 22105 Lec  MW 12:00  1:15  552 LE PELL 08/18-12/19 GR 001

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 22089 Lec  TR 1:00  2:15  1257 LE PELL 08/18-12/19 GR 001

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 22090 Lec  TR 1:00  2:15  1257 LE PELL 08/18-12/19 GR 001

THTR 30C  EMERGING WORK READING WKSHOP  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 22091 Lec  TR 1:00  2:15  1257 LE PELL 08/18-12/19 GR 001

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 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 22092 Lec  TR 1:00  2:15  1257 LE PELL 08/18-12/19 GR 001

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 22093 Lab  MTWR 3:30  4:45  1328 Staff - Fi 08/18-12/19 GR 001

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 22094 Lab  MTWR 3:30  4:45  1328 Staff - Fi 08/18-12/19 GR 001

THTR 47C  COLLEGE THTR ACTING INTERMED  3.0 Units
This is a continuation of THTR 47B for furthering a student’s skills 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 22095 Lab  MTWR 3:30  4:45  1328 Staff - Fi 08/18-12/19 GR 001

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 22096 Lab  MTWR 3:30  4:45  1328 Staff - Fi 08/18-12/19 GR 001

THTR 48A  COLLEGE THEATER TECHNICAL:INTR  1.0-6.0 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.

E 22097 Lab  Thur 6:00  8:50  1340 Staff - Fi 08/18-12/19 GR 071

Lab  Sat 11:00  4:50  1340

GR

THTR 48B  COLLEGE THEATER TECH:BEGINNING  1.0-6.0 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).

E 22098 Lab  Thur 6:00  8:50  1340 Staff - Fi 08/18-12/19 GR 071

Lab  Sat 11:00  4:50  1340

GR

THTR 48C  COLLEGE THEATER TECH:INTERMED  1.0-6.0 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).

E 22099 Lab  Thur 6:00  8:50  1340 Staff - Fi 08/18-12/19 GR 071

Lab  Sat 11:00  4:50  1340

GR

THTR 48D  COLLEGE THEATER TECH:ADVANCED  1.0-6.0 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).

E 22101 Lab  Thur 6:00  8:50  1340 Staff - Fi 08/18-12/19 GR 071

Lab  Sat 11:00  4:50  1340

GR

THTR 50A  INTRO TO THEATER MANAGEMENT  1.0-6.0 Units
This course is an introduction to the concepts involved in mounting a stage production, specific to various administrative tasks. This class will explore play selection, personnel, production meetings, organizational strategies, and budgeting, as well as publicity, promotions, and front-of-house duties, such as ushering, box office, and house management.

E 22107 Rec  Fri 6:00  8:50  1103 LE PELL 08/18-12/19 GR 071

Lab  Fri 7:00  9:50  1103

GR

THTR 50B  THEATER MANAGEMENT BASICS  1.0-6.0 Units
This is a continuation of THTR 50A, further developing skills in the management of a production. This course will emphasize the development of a marketing strategy for a specific project, as well as collaborating with other artists involved in the show. This class will also introduce budgeting and production timelines. Prerequisite: THTR 50A (completed with a grade of “C” or higher).

D 22108 Rec  Fri 6:00  8:50  1103 LE PELL 08/18-12/19 GR 001

D 22109 Rec  Fri 7:00  9:50  1103

GR
TUTR 50C  INTERMEDIATE THEATER MGMT 1.0-6.0 Units
This is a continuation of TUTR 50B, further developing skills in the management of a production. This class will emphasize the design, fabrication and distribution of printed materials for all the shows, including posters, programs and other printed resources. Prerequisite: TUTR 50B (completed with a grade of “C” or higher).

TUTR 2A BEG CONTENT TRAINING BUS 0.5 Unit
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. Prerequisite: TUTR 2A.

TUTR 2B BEG CONTENT TRAINING MATH 0.5 Unit
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).

TUTR 50D THEATER MANAGEMENT ADVANCED 1.0-6.0 Units
This is the capstone course in the THTR 50 track, further developing skills in the management of a production. This course emphasizes press releases, photographs, contacts with media sources, and ground work for increased visibility. It also includes student managers for the house and for the box office positions during the run of the shows. Prerequisite: TUTR 50C (completed with a grade of “C” or higher).

TUTR 2C INT-ADV CONTENT TRAINING BUS 0.5 Unit
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 2A.
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<th>Instructor</th>
<th>Dates</th>
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<td>D 22862</td>
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<td>351</td>
<td>BARNEZET PA</td>
<td>08/26-12/2</td>
<td>P/N</td>
<td>E05</td>
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<tr>
<td>TUTR 2D-E05 meets on five Tuesdays (Aug. 29, Sept. 29, Oct. 17, Nov. 7, and Dec 12) in room 2108, from 1:25 - 2:55 p.m.</td>
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<td>D 22865</td>
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<td>TUTR 2C-E06 meets on live Fridays (Aug. 29, Sept. 29, Oct. 17, Nov. 7, and Dec 12) in room 2108, from 1:25 - 2:55 p.m.</td>
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<td>TUTR 2C-E07 meets on live Fridays (Aug. 29, Sept. 29, Oct. 17, Nov. 7, and Dec 12) in room 501, from 1:25 - 2:55 p.m.</td>
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<td>TUTR 2C-E08 meets on live Fridays (Aug. 29, Sept. 29, Oct. 17, Nov. 7, and Dec 12) in room 1240, from 1:25 - 2:55 p.m.</td>
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<td>TUTR 2C-E07 meets on live Fridays (Aug. 29, Sept. 29, Oct. 17, Nov. 7, and Dec 12) in room 2351, from 1:25 - 2:55 p.m.</td>
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<th>TUTR 2D</th>
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<tr>
<td>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).</td>
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<td>D 22854</td>
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<tr>
<td>TUTR 2D-E02 meets on live Fridays (Aug. 29, Sept. 5, Oct. 3, Nov. 7, and Dec 5) in room 3924, from 11:55 - 1:25 pm</td>
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<td>D 22857</td>
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<tr>
<td>TUTR 2D-E03 meets on live Tuesdays (Aug. 26, Sept. 9, Sept. 23, Oct. 14, and Nov. 4) in room 3922, from 1:00 - 2:30 p.m.</td>
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<td>D 22860</td>
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<tr>
<td>TUTR 2D-E04 meets on seven Thursdays (Aug. 28, Sept. 4, Sept. 18, Oct. 2, Oct. 30, Nov. 13, and Dec 4) in room 502 from 3:00 - 4:10 p.m.</td>
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<tr>
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<tr>
<td>TUTR 2D-E06 meets on live Fridays (Aug. 29, Sept. 29, Oct. 17, Nov. 7, and Dec 12) in room 2108, from 1:25 - 2:55 p.m.</td>
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<tbody>
<tr>
<td>D 22869</td>
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<td>D 23010</td>
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<td>1:25- 2:55</td>
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<tr>
<td>TUTR 2D-E08 meets on live Fridays (Aug. 29, Sept. 19, Oct. 17, Nov. 7, and Dec 12) in room 1240, from 1:25 - 2:55 p.m.</td>
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TUTR 2D-E08 meets on five Fridays (Aug. 29, Sept. 29, Oct. 17, Nov. 7, and Dec. 5) in room 501, from 1:25 - 2:55 p.m.

TUTR 2D-E07 meets on five Fridays (Aug. 29, Sept. 29, Oct. 17, Nov. 7, and Dec 12) in room 2108, from 1:25 - 2:55 p.m.

TUTR 2D-E06 meets on live Fridays (Aug. 29, Sept. 29, Oct. 17, Nov. 7, and Dec 12) in room 2108, from 1:25 - 2:55 p.m.

TUTR 2D-E05 meets on five Mondays (Aug. 29, Sept. 29, Oct. 17, Nov. 7, and Dec 12) in room 2108, from 1:25 - 2:55 p.m.

TUTR 2D-E04 meets on seven Thursdays (Aug. 28, Sept. 4, Sept. 18, Oct. 2, Oct. 30, Nov. 13, and Dec 4) in room 502 from 3:00 - 4:10 p.m.

TUTR 2D-E03 meets on live Tuesdays (Aug. 26, Sept. 9, Sept. 23, Oct. 14, and Nov. 4) in room 3922, from 1:00 - 2:30 p.m.

TUTR 1A | BEGIN, TUTORING THEORY & PRACT | 0.5 Unit |
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<tr>
<td>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 1A (completed with a grade of “P” or higher).</td>
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<tr>
<td>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 1B (completed with a grade of “P” or higher).</td>
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<tr>
<td>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 1C (completed with a grade of “P” or higher).</td>
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<tr>
<td>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 1D (completed with a grade of “P” or higher).</td>
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<tr>
<th>TUTR 31A</th>
<th>CHABOTLINK BEG PEER ADV TRAI</th>
<th>1.0 Unit</th>
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<tbody>
<tr>
<td>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.</td>
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<tr>
<th>TUTR 31B</th>
<th>CHABOTLINK INTER PEER ADV TRAI</th>
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<tr>
<td>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.</td>
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For more information, contact ValJean Dale at vdale@chabotcollege.edu
**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 Tech 64A, Welding Tech 65A and Industrial Tech 74.

<table>
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<th>CRN</th>
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<th>Room</th>
<th>Instructor</th>
<th>Dates</th>
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<td>E 21461</td>
<td>Lab Mon 4:00  6:50 1416 RAVEICA</td>
<td>08/18-12/19</td>
<td>GR</td>
<td>071</td>
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<td>E 21461</td>
<td>Lec Mon 7:00  7:50 1506</td>
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**WELD 64A  BEG ARC/FLUX-CORE/BLUEPRINT 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. **Strongly recommended:** Welding Tech 70.

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<tr>
<th>CRN</th>
<th>Type Day(s) Times</th>
<th>Room</th>
<th>Instructor</th>
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<tr>
<td>D 21462</td>
<td>Lab Tue 8:30  10:45 1416 RAVEICA</td>
<td>08/18-12/19</td>
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<tr>
<td>E 23000</td>
<td>Lab Wed 6:00  6:50 1564 JURICH</td>
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**WELD 65A  BEG TIG/MIG/BLUEPRINT 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 Tech 70.

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**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 Tech 64A.

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**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, 1E, 2F, 3F and 4F positions. **Strongly recommended:** Welding Tech 64B and Welding Tech 65B or equivalent.

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**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.

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**WELD 69A  FABRIC & INSTALLING PIPE SYSTEMS 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 print and welding symbols, SMAW, GMAW, and GTAW of pipes joints, non-destructive and destructive test and qualitative concepts of evaluation. **Prerequisite:** Welding Tech 64B or equivalent.

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WELD 69B  ADVANCED PIPE WELDING  3.0 Units
Advanced theory and practical application of pipe joint preparation and design, API (American Petroleum Institute) and AWS (American Welding Society) welding code specifications for pipe and pipe fittings, geometric curve design for branched joint of piping systems, wire and electrodes selections, advanced welding blueprint and pipe welding symbols, SMAW, GMAW, and GTAW of pipe joints, metallurgical transformation of weld Heat Affected Area (HAA), welding discontinuities and defects, destructive and non-destructive testing, and methods of inspection and testing.  Prerequisite: Welding Tech 69A or equivalent.

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.

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.

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.

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.

WEXP 96  WORK EXPERIENCE SEMINAR  1.0 Unit
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.

SUMMARY OF SHORT-TERM AND LATE-STATE CLASSES

SUMMARY OF OFF-CAMPUS CLASSES

CRN  TITLE & SECTION  ROOM  LOCATION
22225  ATHL  PSSF  001  *052  LAS POSITAS GOLF COURSE
28991  ESL  SSL1  *225  SAN LEANDRO ADULT SCHOOL
20588  FT  90B  E71  *081  ALAMEDA CTY FIRE DPT TRAIN CTR
21179  FT  91D  E71  *081  ALAMEDA CTY FIRE DPT TRAIN CTR
20580  FT  50  EN1  *081  ALAMEDA CTY FIRE DPT TRAIN CTR
20581  FT  50  E71  *081  ALAMEDA CTY FIRE DPT TRAIN CTR
20621  FT  91A  E71  *081  ALAMEDA CTY FIRE DPT TRAIN CTR
20589  FT  90C  E71  *081  ALAMEDA CTY FIRE DPT TRAIN CTR
20584  FT  52  ON1  *081  ALAMEDA CTY FIRE DPT TRAIN CTR
20585  FT  52  D71  *081  ALAMEDA CTY FIRE DPT TRAIN CTR
20587  FT  90A  E71  *081  ALAMEDA CTY FIRE DPT TRAIN CTR
20425  NURS 59 001  *060  LOCAL HOSPITALS
20396  NURS 55 002  *060  LOCAL HOSPITALS
21885  NURS 60A 002  *060  LOCAL HOSPITALS
20425  NURS 59 001  *060  LOCAL HOSPITALS
20431  NURS 55 004  *060  LOCAL HOSPITALS
20539  NURS 55 003  *060  LOCAL HOSPITALS
20395  NURS 55 001  *060  LOCAL HOSPITALS
20429  NURS 60A 001  *060  LOCAL HOSPITALS
20783  NURS 73 EVC  *192  VALLEY CARE
20638  NURS 55 VC1  *192  VALLEY CARE
20737  NURS 60A VC1  *192  VALLEY CARE
20399  NURS 60A VC2  *192  VALLEY CARE
22727  REGT 80 SL1  *225  SAN LEANDRO ADULT SCHOOL

AUGUST (SHORT-TERM AND LATE-START)

21075  BUS 50K  E1  LISTENING SKILLS  8/8-8/26
21013  CAS 72J  E1  TEN-KEY  8/8-8/30
21223  CAS 72K  E1  BUS ENGLISH SKILLS  8/8-8/30
21560  ATEC 90  E71  HYBRID VEHICLE OPERAT & SVC  8/8-8/30
20962  DIGM 31A  E01  VIDEO EDITING I  8/8-8/29
21602  DIGM 36A  E01  VIDEO EDITING I  8/8-8/29
20397  MUSL 1  E1  INTRODUCTION TO MUSIC  8/8-8/10
21017  MUSL 1  E2  INTRODUCTION TO MUSIC  8/8-8/10
21012  NURS 72A  EN1  ELEM COMP KEYBOARDING I  8/8-8/29
20407  NURS 72B  EN1  ELEM COMP KEYBOARDING II  8/9-8/29
20408  NURS 72D  EN1  INTRO TO MICROSOFT WORD  8/9-8/29
21537  NURS 72E  EN1  INTRO TO MICROSOFT EXCEL  8/9-8/29
21584  NURS 72G  EN1  INTRO TO MICROSOFT ACCESS  8/9-8/29
20174  ENGL 116  E01  LEARNING SKILLS/DIAGNOSTIC CL  8/8-8/29
20497  ENGL 116  E71  LEARNING SKILLS/DIAGNOSTIC CL  8/8-8/29
21488  DHVG 68  E01  EXTENDED CLINICAL EXPERIENCES  8/8-8/29
21992  KINE CSA  E1  COLLEGE SUCCESS FOR ATHLETICS  8/8-8/29
20401  NURS 56  E01  NSG CARE GROWTH/DEVELOPMENT  8/8-8/29
20327  NURS 57  E01  NSG CARE GROWTH/DEVELOPMENT  8/8-8/29
21586  NURS 73 E02  INTRAVENOUS THERAPY  8/8-8/29
20783  NURS 73 EVC  INTRAVENOUS THERAPY  8/8-8/29
20432  ECD 83  E71  ADULT MENTORING & SUPERVISION  8/8-8/29
20581  FT  50  E71  FIRE PROTECTION ORGANIZATION  8/8-8/29
20408  FT  50  E01  FIRE PROTECTION ORGANIZATION  8/8-8/29
21244  PSI  1  D05  GENERAL PSYCHOLOGY  8/8-8/29
21271  PSI  1  EPN  GENERAL PSYCHOLOGY  8/8-8/29
21989  PSI  33  EP1  PERSONAL & SOCIAL ADJUSTMENT  8/8-8/29
21050  PSI  34  EP1  FIREFIGHTER I CERT PREP I  8/8-8/29
21149  ESYS 50  E01  INTRO-ELECTRONIC SYSTEMS TECH  8/8-8/29
21272  ESYS 58  E1  WIRELESS COMMUNICATION SYSTEMS  8/8-8/29
21601  DIGM 32A  E01  ILLUSTRATOR I  8/8-8/29
20175  ENGL 116  E03  LEARNING SKILLS/DIAGNOSTIC CL  8/8-8/29
21216  LIBS 21  E01  LIBRARY SKILLS VIA POP CULTURE  8/8-8/29
22638  ESL 120  E02  WRITING WSKP FOR NONAPPTIVE SPC  8/8-8/29
22422  CNT 83A  E01  IT ESSENTIALS: PC HARDWARE/OS  8/8-8/29
21269  ESYS 57A  E1  PROCESS CONTROL SYSTEMS  8/8-8/29
21595  ESYS 63A  E1  IT ESSENTIALS FOR MAC/OSX  8/8-8/29
20097  HUTH 60  E71  RESPONDING TO EMERGENCIES  8/8-8/29
21267  ESYS 56A  E01  ELECTRONIC POWER SYSTEMS I  8/8-8/29
21594  ESYS 62  E01  HOME TECHNOLOGY SYSTEMS  8/8-8/29
20961  ENGL 1A  WC1  CRITICAL READING & COMPOSITION  8/8-8/29
### OCTOBER (SHORT-TERM AND LATE-START)

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### SUMMARY OF ONLINE CLASSES

Registering for online or hybrid classes is the same process as for traditional classes. You need daily access to a computer with an Internet connection to take an online or hybrid class. If you have not taken an online class before, be sure to check the list of computer requirements and software needs before registering. (List available online at www.chabotcollege.edu/online/). On the first day of your class, log into Blackboard to begin. Be sure to attend any required meetings on campus as well. An instructor may drop students who miss the first meeting of a class. Instructors also may drop students who do not log into a Blackboard class site and/or complete assigned activities by the third day of class.

- 22267 ANTH 1 ON1 BIOLOGICAL/PHYSICAL ANTHRO
- 20550 BUS 3 ON1 INCOME TAX ACCOUNTING
- 22739 BUS 4 ON1 COST ACCOUNTING
- 21128 BUS 7 ON1 ACCOUNTING FOR SMALL BUSINESS
- 20984 BUS 7 ON1 ACCOUNTING FOR SMALL BUSINESS
- 20985 BUS 8 ON1 PAYROLL ACCOUNTING
- 20688 BUS 10 ON1 BUSINESS LAW
- 20138 BUS 10 ON3 BUSINESS LAW
- 20909 BUS 10 ON3 BUSINESS LAW
- 22738 BUS 10 ON4 BUSINESS LAW
- 21145 BUS 11 ON1 GOVERNMENTAL & NONPROFIT ACCTG
- 20549 BUS 12 ON1 INTRO TO BUSINESS
- 21307 BUS 12 ON1 INTRO TO BUSINESS
- 20988 BUS 12 ON3 INTRO TO BUSINESS
- 20553 BUS 14 ON1 BUSINESS COMMUNICATIONS
- 20554 BUS 16 ON1 BUSINESS MATHEMATICS
- 20536 BUS 22 ON1 INTRO TO MANAGEMENT
- 20990 BUS 34 ON1 INTRO TO ADVERTISING
- 20130 BUS 36 ON1 INTRO TO MARKETING
- 20910 BUS 40 ON1 INTERNATIONAL BUSINESS
- 22164 BUS 70 ON1 HEALTH CARE FINANCIAL MGMT
- 21135 BUS 92 ON1 EXCEL SPREADSHEETS FOR ACCTG
- 21344 CNT 89B ON1 EXPLORER
- 20567 BUS 96 ON1 BUSINESS WK EXPERIENCE SEMINAR
- 20778 BUS 1A ON1 FINANCIAL ACCOUNTING
- 20136 BUS 1A ON2 FINANCIAL ACCOUNTING
- 21126 BUS 1A ON3 FINANCIAL ACCOUNTING
- 20960 BUS 1A ON4 FINANCIAL ACCOUNTING
- 20908 BUS 1B ON1 MANAGERIAL ACCOUNTING
- 21037 BUS 1B ON2 MANAGERIAL ACCOUNTING
- 20139 BUS 50C ON1 INTERVIEWING FOR SUCCESS
- 22741 BUS 50J ON1 TIME MANAGEMENT SKILLS
- 20141 BUS 50L ON1 CAREERS IN BUSINESS
- 21132 BUS 50P ON1 QUALITY CUSTOMER SERVICE

(ONLINE CLASSES CONTINUED ON NEXT PAGE)
## ONLINE CLASSES (CONTINUED)

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<thead>
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<td>20721</td>
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<td>21961</td>
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<td>21366</td>
<td>PSCN 15</td>
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<td>21248</td>
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<td>22292</td>
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<td>ON1 MARRIAGE &amp; FAMILY RELATIONS</td>
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<tr>
<td>21281</td>
<td>SPA 1B</td>
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## NOTES

- 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; S = Saturday Class

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### CRN Subject Dates

**FALL 2014**
## DISABLED STUDENTS PROGRAM AND SERVICES (DSPS)

DSPS offer students with disabilities a variety of courses in English, 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 in Building 2400. Below is a list of DSPS courses offered Summer and Fall 2014 semesters:

<table>
<thead>
<tr>
<th>SUBJECT</th>
<th>TITLE</th>
<th>UNITS</th>
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<tr>
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<tr>
<td>ENGL 116</td>
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<td>CNST 66</td>
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<td>Adapted Word Processing</td>
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<td>CAS 102</td>
<td>Intro to Assistive Technology</td>
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<td>ENGL 117</td>
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<td>PSCN 20</td>
<td>The College Experience</td>
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<td>PSCN 21</td>
<td>Strategies for College Success</td>
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<tr>
<td>PSCN 22</td>
<td>College Success Lecture Series</td>
<td>1 UNIT</td>
<td>20538</td>
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</tbody>
</table>

* Courses in blue are offered Summer 2014 semester.

## PUENTE PROJECT

The Puente Project is a two-semester program designed for students who intend to transfer to a four-year college. Puente students receive mentoring and support from the Puente counselor, the English instructor, and other professionals. The program consists of two English courses which are required for transfer, a series of Psychology-Counseling courses which are designed to promote student success, and a variety of mentoring activities which engage students in career exploration. The Puente English curriculum focuses on Mexican-American/Latino authors and issues. The program is open to all eligible students. For more information, call 510.723.6725 or visit the office in Building 2400.

<table>
<thead>
<tr>
<th>SUBJECT</th>
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<tr>
<td>PSCN 20</td>
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<td>PSCN 22</td>
<td>College Success Lecture Series</td>
<td>1 UNIT</td>
<td>20538</td>
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</tbody>
</table>

* Courses in blue are offered Summer 2014 semester.

## DARAJA PROJECT

The Daraja Project is a three semester, accelerated writing, mentoring and counseling program with a curriculum that focuses on African American history, authors and issues. It's 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 three English courses (English 102, English 1A and English 4), History 20, and Math 53. For more information, call 510.723.6747.

## PACE: PROGRAM FOR ADULT COLLEGE EDUCATION

The PACE Pathway: 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 offers a “college within a college” which helps build a sense of community among students and instructors. Students take all their General Education classes together. 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, Hospitality/Recreation, 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, Hospitality, Recreation and Tourism, and a Business Minor/option. Other Bay Area transfer colleges include, among others, Holy Names University and St. Mary’s. Below is a list of PACE courses offered Summer and Fall 2014 semesters:

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<td>Biological Anthropology</td>
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<td>ARCH 14</td>
<td>CA Architecture &amp; Urban Design</td>
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<td>COMM 1</td>
<td>Fundamentals of Speech Comm.</td>
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<td>Reading, Reasoning &amp; Writing</td>
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<td>ENGL 1A</td>
<td>Critical Reading &amp; Composition</td>
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<td>ENGL 4</td>
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<td>ENGL 7</td>
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<td>HIS 7</td>
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<td>HLTH 4</td>
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<td>HUMN 60</td>
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<td>MTH 53</td>
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<td>Personal &amp; Social Adjustment</td>
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<td>SOCI 1</td>
<td>Principles of Sociology</td>
<td>3 Units</td>
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* Courses in blue are offered Summer 2014 semester.

Applicants to the PACE program must fill out a PACE Application and attend an Information meeting. Application deadline for Summer and Fall 2014 is June 24th.

For more information about PACE, please visit our website at www.chabotcollege.edu/PACE, or call 510.723.2626, or send an e-mail to PACE@chabotcollege.edu. Our website includes links to the PACE Student Criteria, to the PACE Application Form, and to the flyer with meeting dates and times for the PACE Information Meetings.
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.

SAFE RIDE 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 nighttime 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.

ALERT U
Chabot College is now offering an 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 to important security information. Simply text “Chabot” to 253788 (AlertU) and reply Y, or sign up online at www.alertu.com. Persons wishing to sign up can enter an email address and can be alerted to emergency information through an email message as well.

ON-DUTY OFFICER CONTACT
Off-Campus Phone: 510.723-6923
On-Campus Phone: 6923 or 6666 or
Activate one of the 20 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 7am to 10pm Monday through Friday and 7am to 5pm 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 8am and 9pm, Monday through Friday, and 8am to 3pm 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.

<table>
<thead>
<tr>
<th>CRIME</th>
<th>2008</th>
<th>2009</th>
<th>2010</th>
<th>2011</th>
<th>2012</th>
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<td>Murder/Non Negligent Manslaughter</td>
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<td>Negligent Manslaughter</td>
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<td>Sex Offenses-Forcible</td>
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<td>1</td>
<td>0</td>
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<tr>
<td>Sex Offenses Non Forcible</td>
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<td>0</td>
<td>0</td>
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<td>0</td>
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<tr>
<td>Robbery</td>
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<td>6</td>
<td>3</td>
<td>5</td>
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<td>Aggravated Assault</td>
<td>11</td>
<td>1</td>
<td>1</td>
<td>5</td>
<td>2</td>
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<td>17</td>
<td>5</td>
<td>3</td>
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<td>0</td>
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<tr>
<td>Motor Vehicle Theft</td>
<td>6</td>
<td>18</td>
<td>13</td>
<td>17</td>
<td>6</td>
</tr>
<tr>
<td>Arson</td>
<td>0</td>
<td>0</td>
<td>2</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td>Illegal Weapons Possession</td>
<td>1</td>
<td>0</td>
<td>4</td>
<td>3</td>
<td>0</td>
</tr>
<tr>
<td>Drug Law Violations</td>
<td>7</td>
<td>3</td>
<td>7</td>
<td>4</td>
<td>4</td>
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<tr>
<td>Liquor Law Violations</td>
<td>3</td>
<td>0</td>
<td>0</td>
<td>1</td>
<td>4</td>
</tr>
<tr>
<td>Hate Crime</td>
<td>1</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

DEPARTMENT OF SAFETY AND SECURITY
Location: Building 200, Room 203
Office Hours: 6:30am to 10pm, Monday through Friday.
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: Gerald Shimada, 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/Discrimination Concerns
Dr. Matthew Kritscher
Vice President of Student Services
Rm. 708, 510.723.6743

Inquiries may also be addressed to:

DECLARACIÓN DE NO DISCRIMINACIÓN
Chabot y Las Positas colleges, 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: Dr. Matthew Kritscher, Vice President of Student Services, Rm. 708, 510.723.6743.

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

<table>
<thead>
<tr>
<th>Student Records</th>
<th>Student Discipline</th>
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<tr>
<td>Paulette Lino</td>
<td>Dr. Matthew Kritscher</td>
</tr>
<tr>
<td>Director, A &amp; R</td>
<td>Vice President, Student Services</td>
</tr>
<tr>
<td>510.723.2665</td>
<td>510.723.6743</td>
</tr>
</tbody>
</table>

Chabot College • Summer/Fall 2014 Class Schedule 94 510.723.6600 • www.chabotcollege.edu
A student is eligible for graduation with the Associate in Arts Degree after completing all General Education and Proficiency requirements and all Major requirements, plus electives to total 60 semester units with a cumulative grade point average of 2.0 or higher. (See Chabot College catalog for specific Associate in Arts Degree majors.)

**GRADUATION REQUIREMENTS**

**A. Language & Rationality (1, 2, and 3)**

**A.1. English Composition**

(Complete a minimum of 3 semester units)

English 1A

Effective for all students admitted Fall 2009 or thereafter—complete with a grade of “C” or higher (Title 5 §55063)

**A.2. Writing & Critical Thinking**

(Complete a minimum of 3 semester units)

Business 10

English 4, 7

French 2A*, 2B* German A2*, 2B* Italian 2A*, 2B* Spanish 2A*, 2B*

**A.3. Communication & Analytical Thinking**

(Complete a minimum of 3 semester units)

Business 14, 16, 31

Chinese 1A*, 1B*

Communication Studies 1, 2*, 10, 11*, 20, 46

Computer App. Systems 50, 92A, 92B, 92C, 92D

Computer Science 8, 10, 14, 15, 19A

English 70

Entrepreneurship 30

French 1A*, 1B*

Geography 20*, 21*, 22*

German 1A* 1B*

History 5*, 12*

Industrial Technology 74

Italian 1A*, 1B*

Japanese 1A*, 1B*

Mass Communications 43, 44


Psychology 5

Spanish 1A*, 1B*

Theater Arts 3, 7*

**B. Natural Science**

(Complete a minimum of 3 semester units)

Anatomy 1

Anthropology 1*, 1L, 13

Astronomy 10, 20, 30

Biology 2, 4, 6, 10, 25, 31, 50

Biotechnology 20, 30, 40

Chemistry 1A, 8, 10, 30A, 30B, 31

Environmental Science 10, 11, 12

Geography 1*, 1L, 8, 20*, 21*, 22*

Kinesiology 2

Microbiology 1

Physical Science 15

Physics 2A, 3A, 3B, 4A, 4B, 4C, 5, 11

Physiology 1

Psychology 4*

**C. Humanities**

(Complete a minimum of 3 semester units)

Architecture 2A, 2B, 4A, 4B, 8A, 8B, 12, 14, 16

Art 2A, 3A, 16A, 17A, 22, 23, 24, 54, 56, 57, 58, 59

Art History 1, 4, 5, 6, 7, 8, 20, 50, 51

Chinese 1A*, 1B*

Communication Studies 2*, 5, 6

English 11A, 12A, 13A, 20, 21, 22, 24, 25, 26, 28, 31, 32, 35, 41, 45, 48

Film 14, 15, 50

French 1A*, 1B*, 2A*, 2B*

General Studies 31

German 1A*, 1B*, 2A*, 2B*

History 1*, 2*

Humanities 50, 60, 65, 68, 72

Italian 1A*, 1B*, 2A*, 2B*

Japanese 1A*, 1B*

Music (MUSL) 1, 2A, 2B, 2C, 2D, 3, 4, 5, 8

Music (MUSP) 12, 14A, 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*, 1B*, 2A*, 2B*, 5

Theater Arts 1, 4, 7*, 10, 11, 12, 20A, 47A, 48A, 50A

**D. Social & Behavioral Sciences**

(Complete a minimum of 3 semester units)

Administration of Justice 45, 50, 60, 70

Anthropology 1*, 2, 3, 4, 5, 7, 8, 12

Business 12, 17, 20, 36, 40, 42

Communication Studies 11*, 50

Early Childhood Dev 40, 52, 56, 62, 69, 79, 87

Economics 1, 2, 10

Entrepreneurship 1, 5

Ethnic Studies 1, 2, 3

Geography 1*, 2, 5, 10, 12, 21*, 22*

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, 30

**E. Wellness (1 and 2)**

**E.1. Areas of Health (A or B)**

A. Early Child Dev 54 or Health 1 or 4 or Kinesiology 14 or 19, or Nutrition 1

OR

B. AA Degree in Nursing or Dental Hygiene

**E.2. Physical Education**

(Complete a minimum of 1 semester unit)

Any physical education (activity) course with a rubric of: ADPE, ATHL, DANC or PEAC or 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 Substitution or Waiver” available in the Counseling Office. You will need to provide a physician’s statement. See a counselor for assistance.

**American Institutions**

(Complete a minimum of 3 semester units)

History 7*, 8*, 12*, 20*, 21*, 22*, 25*, 27* or Political Science 1*, 12*

**American Cultures**

(For new or returning students effective Fall 1995 and thereafter.) Complete one course identified as meeting the American Cultures requirement with a grade of “C” or higher or “P”. Where it is appropriate, the course can simultaneously satisfy other graduation or disciplinary requirements. Other courses meeting this requirement may be added during the academic year. Anthropology 5

Art History 7

Communication Studies 11

Early Childhood Development 79

English 26, 32, 33

Ethnic Studies 1

History 5, 7, 8, 12, 27

Humanities 65

Music (MUSL) 8

Psychology-Counseling 1, 4, 13

Sociology 1, 3, 30

(NOTE: Courses taken at Las Positas, even with the same course name and number, may not satisfy this requirement. See a counselor for assistance.)

**Mathematics Proficiency**

Proficiency in mathematics must be demonstrated by either:

1. Passing the Math Proficiency Test (see Math Division Office, Building 2000, for information)

OR

2. Mathematics 1, 2, 15, 16, 20, 31, 33, 36, 37, 40, 41, 43, 47, 53B, 54, 54L, 55, 55L, 57, or Psychology 5

Effective for all students admitted Fall 2009 or thereafter, completed with a grade of “C” or higher (Title 5 §55063)

When appropriate, the course can simultaneously satisfy other graduation or disciplinary requirements.

**ADDITIONAL GRADUATION REQUIREMENTS**

1. All requirements for the major must be met with a grade of “C” or higher or “P” plus electives to total 60 semester units. (Title V: 55063)

2. In reference to unit requirements the Title V regulations state that at least 12 semester units must be completed in residence at the college granting the degree.

3. Residency Requirement: Students earning a certificate, AA or AS Degree in an Occupational/Technical area must complete a minimum of 12 units in residency at Chabot College within the major or certificate program. Students in articulated degree/transfer or Liberal Arts programs will need a total of 12 units in residence at Chabot College in general education, major or elective courses. See Engineering for specific residency requirement.

4. All courses in the major need to have a grade of “C” or higher or “P”. There are limitations on the number of “P” units allowed for the degree. See the catalog.

5. All official transcripts from other colleges must be submitted to the Admissions and Records Office before a graduation evaluation may be completed.

*May be used to fulfill one area only unless otherwise stated.*
A student is eligible for graduation with the Associate in Science Degree after completing all General Education and Proficiency requirements and all Major requirements, plus electives to total 60 semester units with a cumulative grade point average of 2.0 or higher. (See Chabot College catalog for specific Associate in Science Degree majors.)

GRADUATION REQUIREMENTS

A. Language & Rationality (1 and 2)
A.1. English Composition
(Complete a minimum of 3 semester units)
English 1A

Effective for all students admitted Fall 2009 or thereafter—complete with a grade of “C” or higher (Title 5 §55063)

A.2. Communication & Analytical Thinking
(Complete a minimum of 3 semester units)
Business 14, 16, 31
Chinese 1A*, 1B*
Communication Studies 1, 2*, 10, 11*, 20, 30, 46
Computer App. Systems 50, 92A, 92B, 92C, 92D
Computer Science 8, 10, 14, 15, 19A
English 70
Entrepreneurship 30
French 1A*, 1B*
Geography 20*, 21*, 22*
German 1A* 1B*
History 5*, 12*
Industrial Technology 74
Italian 1A*, 1B*
Japanese 1A*, 1B*
Mass Communications 43, 44
Psychology 5
Spanish 1A*, 1B*
Theater Arts 3, 7*

B. Natural Science
(Complete a minimum of 3 semester units)
Anatomy 1
Anthropology 1*, 1L, 13
Astronomy 10, 20, 30
Biology 2, 4, 6, 10, 25, 31, 50
Biotechnology 20, 30, 40
Chemistry 1A, 8, 10, 30A, 30B, 31
Environmental Science 10, 11, 12
Geography 1*, 1L, 8, 20*, 21*, 22*
Kinesiology 2
Microbiology 1
Physical Science 15
Physics 2A, 3A, 3B, 4A, 4B, 4C, 5, 11
Physiology 1
Psychology 4*

C. Humanities
(Complete a minimum of 3 semester units)
Architecture 2A, 2B, 4A, 4B, 8A, 8B, 12, 14, 16
Art 2A, 3A, 16A, 17A, 22, 23, 24, 54, 56, 57, 58, 59
Art History 1, 4, 5, 6, 7, 8, 20, 50, 51
Chinese 1A*, 1B*
Communication Studies 2*, 5, 6
English 11A, 12A, 13A, 20, 21, 22, 24, 25, 26, 28, 31, 32, 35, 41, 45, 48
Film 14, 50, 60
French 1A*, 1B*, 2A, 2B
General Studies 31
German 1A*, 1B*, 2A, 2B
History 1*, 2*
Humanities 50, 60, 65, 68, 72
Italian 1A*, 1B*, 2A, 2B
Japanese 1A*, 1B*
Music (MUSL) 1, 2A, 2B, 2C, 2D, 3, 4, 5, 8
Music (MUSP) 12, 14A, 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*, 1B*, 2A, 2B, 5
Theater Arts 1, 4, 7*, 10, 11, 12, 20A, 47A, 48A, 50A

D. Social & Behavioral Sciences
(Complete a minimum of 3 semester units)
Administration of Justice 45, 50, 60, 70
Anthropology 1*, 2, 3, 4, 5, 7, 8, 12
Business 12, 17, 20, 36, 40, 42
Communication Studies 11*, 50
Early Childhood Dev 40, 52, 56, 62, 69, 79, 87
Economics 1, 2, 10
Entrepreneurship 1, 5
Ethnic Studies 1, 2, 3
Geography 1*, 2, 3, 5, 12, 21*, 22*
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, 30

E. Wellness Areas of Health or Physical Education
(Complete a minimum of 1 semester unit)
Early Child Dev 54 or Health 1 or 4 or Kinesiology 14 or 19 or Nutrition 1

OR

Any physical education (activity) course with a rubric of: ADPE, ATHL, DANC, or PEAC or 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 Substitution or Waiver” available in the Counseling Office. You will need to provide a physician’s statement. See a counselor for assistance.

F. Program-Based GE Requirement
(Complete a minimum of 3 semester units)
See Chabot College catalog for the specific Program-Based GE courses for the AS degree.

American Cultures
(For new or returning students effective Fall 1995 and thereafter.) Complete one course identified as meeting the American Cultures requirement with a grade of “C” or higher or “P”. Where it is appropriate, the course can simultaneously satisfy other graduation or disciplinary requirements. Other courses meeting this requirement may be added during the academic year.

Anthropology 5
Art History 7
Communication Studies 11
Early Childhood Development 79
English 26, 32, 33
Ethnic Studies 1
History 5, 7, 8, 12, 27
Humanities 65
Music (MUSL) 8
Psychology-Counseling 1, 4, 13
Sociology 1, 3, 30

(NO: Courses taken at Las Positas, even with the same course name and number, may not satisfy this requirement. See a counselor for assistance.)

Mathematics Proficiency
Proficiency in mathematics must be demonstrated by either:

1. Passing the Math Proficiency Test (see Math Division Office, Building 2000, for information)

OR

2. Mathematics 1, 2, 15, 16, 20, 31, 33, 36, 37, 40, 41, 43, 47, 48, 53B, 54, 54L, 55L, 57, or Psychology 3

Effective for all students admitted Fall 2009 or thereafter, completed with a grade of “C” or higher (Title 5 §55063)

When appropriate, the course can simultaneously satisfy other graduation or disciplinary requirements.

ADDITIONAL GRADUATION REQUIREMENTS

1. All requirements for the major must be met with a grade of “C” or higher or “P” plus electives to total 60 semester units. (Title 5 §55063)

2. In reference to unit requirements the Title V regulations state that at least 12 semester units must be completed in residence at the college granting the degree.

3. Residency Requirement: Students earning a certificate, AA or AS Degree in an Occupational/Technical area must complete a minimum of 12 units in residency at Chabot College within the major or certificate program. Students in articulated degree/transfer or Liberal Arts programs will need a total of 12 units in residence at Chabot College in general education, major or elective courses. See Engineering for specific residency requirement.

4. All courses in the major need to have a grade of “C” or higher or “P”. There are limitations on the number of “P” units allowed for the degree. See the catalog.

5. All official transcripts from other colleges must be submitted to the Admissions and Records Office before a graduation evaluation may be completed.

*May be used to fulfill one area only unless otherwise stated.
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.

D AY C L A S S E S

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

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<th>EXAMINATION TIME</th>
<th>MONDAY DECEMBER 15</th>
<th>TUESDAY DECEMBER 16</th>
<th>WEDNESDAY DECEMBER 17</th>
<th>THURSDAY DECEMBER 18</th>
<th>FRIDAY DECEMBER 19</th>
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<td>7:30–9:20 am</td>
<td>GROUP I – 7, 7:30, 7:45, 7:50 am classes</td>
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<td>GROUP II – 7:30, 7:45 am classes</td>
<td>Group III – 7:30, 7:45 am classes</td>
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<tr>
<td>8:00–9:50 am</td>
<td>GROUP I – 9, 9:30, 9:45 am classes</td>
<td>Group I 8, 8:30 am classes</td>
<td>Group II 8, 8:30 am classes</td>
<td>Group III 8, 9 am classes</td>
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<tr>
<td>10:00–11:50 am</td>
<td>GROUP I – 10, 10:30, 10:40 am classes</td>
<td>Group I 11, 11:30 am classes</td>
<td>GROUP I – 9, 9:30, 9:45 am classes</td>
<td>Group II – 10, 10:30 am classes</td>
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<tr>
<td>12:00–1:50 pm</td>
<td>GROUP I – 1, 1:15, 1:30, 1:45 pm classes</td>
<td>Group II – 1, 1:15, 1:30, 1:45 pm classes</td>
<td>GROUP I – 12, 12:30, 12:45 pm classes</td>
<td>Group II – 11, 11:30 am, 12 pm classes</td>
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<tr>
<td>2:00–3:50 pm</td>
<td>GROUP I 2, 2:30 pm classes</td>
<td>Group II 2, 2:30 pm classes</td>
<td>Group I 3, 3:30 pm classes</td>
<td>Group II 3, 3:30 pm classes</td>
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(Common block times in BLUE.)


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<th>SCHEDULED CLASS MEETING DAYS</th>
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<th>MONDAY DECEMBER 15</th>
<th>TUESDAY DECEMBER 16</th>
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<td>Monday only classes</td>
<td>Final Exam Day*</td>
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<td>Tues. only &amp; Tues/Thurs classes</td>
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<td>Final Exam Day*</td>
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<tr>
<td>Mon/Wed &amp; Wed. only classes</td>
<td></td>
<td></td>
<td>Final Exam Day*</td>
<td></td>
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<tr>
<td>Thursday only classes</td>
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<td>Final Exam Day*</td>
<td></td>
</tr>
<tr>
<td>Saturday only classes</td>
<td>Final Exam Day*</td>
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</table>

* Meet at the REGULAR MEETING ROOMS AND TIMES. Final examinations should be scheduled for TWO HOURS.
Your registration priority group and registration date will be 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.

The California Community College Board of Governors approved a policy change to establish system-wide registration priorities in an effort to improve student success. The new regulations are 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. Consequently, enrollment priorities have been redefined and changes will go into effect for Summer and Fall 2014 registration.

Under the new 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), will now have enrollment priority over students who do not meet these criteria. Students will now register for courses according to an enrollment priority system as defined by Title 5 regulations and the Chabot-Las Positas Community College District.