Chabot College

Apply and Register online at www.chabotcollege.edu

Spring 2012

Class Schedule
Dear Community Members,

Welcome to Chabot College on the 50th Anniversary of its founding. Since 1961 Chabot College has cared for the education, retooling and retraining, civic engagement and cultural advancement of our community. In the last 50 years much has changed in the social and political values in American society, in civil rights laws, in the ethnic composition of our service area. What has not changed is the commitment that Chabot has had to invest in understanding the needs of this community, and provide educational programs and services suited for those needs. Through the past 50 years, Chabot College has excelled because of the passion, the courage, knowledge and commitment to service of the faculty, staff and the administration, as well as through the vision of its leadership.

In order to exercise our rights as citizens, our community and our students must learn about laws that protect them, and about processes for contacting State representatives, the U.S. Congress, the Executive Branch, and thereby stating what is in their interests. Therefore, the kick-off event on our year long 50th Anniversary celebration was a lecture on Law and Democracy by State Treasurer Bill Lockyer, and an opportunity for 45 students to participate in Campus Camp Wellstone, a week-end of training in civic engagement.

The next big event celebrating our 50th Anniversary will be held on October 22nd. This will be our “Homecoming”, a very special day with athletic events and competitions. Please come early and stay late or come to one specific event. Check our website for the event of your choice at www.chabotcollege.edu

Lastly, it has been my pleasure to serve you and your sons and daughters. By the time you read this letter I will be retired, and enjoying my memories of having serves at a top-notch institution that truly benefits this community. A new leader will be at the helm, continuing the tradition of excellence that has been the banner of this college since its founding.

Sincerely,

Celia Barberena, Ph.D.
President

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Chabot - Las Positas Community College District Board of Trustees

<table>
<thead>
<tr>
<th>Barbara F. Mertes, Ph.D.</th>
<th>Arnulfo Cedillo, Ed.D.</th>
<th>Joel L. Kinnamon, Ed.D.</th>
</tr>
</thead>
<tbody>
<tr>
<td>President</td>
<td>Donald L. “Dobie” Gelles</td>
<td>Chancellor</td>
</tr>
<tr>
<td>Isobel F. Dvorsky</td>
<td>Hal G. Gin, Ed.D.</td>
<td>Celia Barberena, Ph.D.</td>
</tr>
<tr>
<td>Secretary</td>
<td>Marshall Mitzman, Ph.D.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Carlo Vecchiarelli</td>
<td>President, Chabot College</td>
</tr>
</tbody>
</table>

Chabot College • Spring 2012 Class Schedule 2 510.723.6600 • www.chabotcollege.edu
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## Academic Calendar —Spring 2012

<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Holiday- Martin Luther King <em>(no instruction)</em></td>
<td>January 16</td>
</tr>
<tr>
<td>Instruction Begins - Full term* classes</td>
<td>January 17</td>
</tr>
<tr>
<td>Instruction Begins - Saturday Classes</td>
<td>January 21</td>
</tr>
<tr>
<td>Last Day to “ADD” or “DROP NGR” In-Person - Full term only*</td>
<td>February 3</td>
</tr>
<tr>
<td>Last Day to “ADD” or “DROP NGR” Online Full term only*</td>
<td>February 5</td>
</tr>
<tr>
<td>Census Deadline - Full term only*</td>
<td>February 6</td>
</tr>
<tr>
<td>Last Day to Apply for Pass/No Pass - Full term only*</td>
<td>February 16</td>
</tr>
<tr>
<td>Holiday-President’s Weekend <em>(No Instruction)</em></td>
<td>February 17-20</td>
</tr>
<tr>
<td>Last Day to Apply for Graduation Ceremony</td>
<td>April 4</td>
</tr>
<tr>
<td>Last Day to WITHDRAW with a “W” In-Person and Online - Full term only*</td>
<td>April 6</td>
</tr>
<tr>
<td>Saturday Classes Meet</td>
<td>April 7</td>
</tr>
<tr>
<td>Spring Break <em>(no instruction)</em></td>
<td>April 9-14</td>
</tr>
<tr>
<td>Last day of Saturday Classes</td>
<td>May 12</td>
</tr>
<tr>
<td>Last Day of Instruction</td>
<td>May 18</td>
</tr>
<tr>
<td>Final Examinations- Saturday Classes</td>
<td>May 19</td>
</tr>
<tr>
<td>Final Examination Period <em>(see page 83)</em></td>
<td>May 19-25</td>
</tr>
<tr>
<td>Commencement</td>
<td>May 26</td>
</tr>
<tr>
<td>HOLIDAY - Memorial Day</td>
<td>May 28</td>
</tr>
<tr>
<td>Instructors Only: Grades Due</td>
<td>May 30</td>
</tr>
</tbody>
</table>

## Spring 2012 Registration

<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drop for Non-Payment</td>
<td></td>
</tr>
<tr>
<td>Register Date</td>
<td>November 7- December 7</td>
</tr>
<tr>
<td>Due Date</td>
<td>January 4</td>
</tr>
</tbody>
</table>

## Publication Staff

- **Angela Villasana**
  *Class Listing Editor*
- **Gabrielle Wright**
  *Graphic Artist/Layout*
- **Paulette Lino**
  *Publication Coordinator*
1. **Apply Online** – New and returning students may apply online at www.chabotcollege.edu. After submitting an online application, wait 2 business days then proceed to Class Web to Access your student ID number.

2. **Attend College Online Orientation / Assessment / Counseling** – All students should complete the assessment tests, take the college online orientation and attend a group counseling session to plan their educational program prior to registering for classes. For more information, please refer to page 12 in the schedule or go online to: http://www.chabotcollege.edu/Counseling/assessment/

3. **Apply for Financial Aid** – Submit a free online application at www.fafsa.ed.gov. For more information, please refer to page 14-15 in the schedule or go online to http://www.chabotcollege.edu/finaid/

4. **Register for Classes** – Online – at www.chabotcollege.edu and click on CLASS-Web or go to our web portal – The Zone.
   * Special registration assistance is available for disabled students through the Disabled Student Resource Center in Bldg. 2400.

5. **Pay your Fees** – Online – at www.chabotcollege.edu and click on CLASS-Web • In person – by visiting the Office of Admissions and Records in Bldg. 700.

6. **Buy your Parking Permit** – Students must be registered before purchasing semester parking permit. For more information go to page 10 & 73 and www.chabotcollege.edu.

7. **Get your Student Photo Identification Card** – Student Photo Identification Cards are free and available in Online Services, in Bldg. 700. Your identification is important especially if there should be an emergency on-campus.


9. **Attend your Classes** – Attend the first class meeting to verify enrollment. It is important to check the Academic Calendar for the attendance deadline dates at http://www.chabotcollege.edu/admissions/AcademicCalendar

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**Instructions for Online Registration Using CLASS-Web or The Zone for all students**

- Go to www.chabotcollege.edu /CLASS-Web or The Zone.
- Enter your 9-digit User ID which corresponds to your assigned “W” ID number or your Social Security Number.
- Enter your 6-digit PIN. The PIN is initially set to your birth date in MMDDYY. You will be prompted to personalize your PIN.
- Contact the Office of Admissions & Records in Bldg 700 at 510.723.6700 to clear any registration Holds
- Select “Student Services & Financial Aid” on the Main Menu and click on “Registration.”
- In the Registration Menu click on “Add/Drop or Withdraw from Classes.”
- Select “Term” and click on the “Submit” button.
- Update your declared major, employment expectation, and education goal or request voter information on the Pre-Registration Student Information Page. Update information as necessary and click on the “Submit Changes/Registration Menu” button.
- Read the instructions on the Add/Drop Classes Page completely. Scroll down to the Add Class section of the page and enter the CRNs you have selected in the boxes.
- Make sure there are openings in the classes you have chosen and that you have met the required prerequisites. You will not be permitted to register in classes that overlap in times. You may not enroll in more than 18 units per semester or term. In order to take more than the maximum please see a counselor for approval.
- When you finish, click on the “Submit Changes” button.
- Review your enrollment in the Current Schedule Section. If all the courses you selected do not appear, scroll down to the Registration Errors section to check the class status.
- Contact the Office of Admissions & Records in Bldg 700 at 510.723.6700 or ccarcom@chabotcollege.edu or Student Online Services at 510.723.6770 for more assistance.
Admission Information

Admissions and Records
Location: Building 700, 1st floor
Hours: See website for current hours and closures
Phone: 510.723.6700
Email: ccarcom@chabotcollege.edu
Website: www.chabotcollege.edu/Admissions/

Admission Eligibility
To be eligible for Chabot College admission, student should be at least 18 years old or have one of the following:
- High School diploma
- General Education Degree (GED)
- High School Proficiency Certificate

Applying for Admission

New Students
APPLY ONLINE at www.chabotcollege.edu

Former Students
Reapply online if you last attended more than two terms ago.

Continuing Students
Students enrolled in Fall 2011 need not reapply.
- Applications are available in both English and Spanish.
- All admitted students are assigned unique student identification numbers.

Note: Dental Hygiene, Registered Nursing and International Student (F1 Visa student) applicants should check with the individual programs for any additional required application procedures.

Veterans
The College is approved to offer instruction to servicepersons, reservists, and other eligible persons under Title 38, United States Code and Department of Veterans Affairs regulations. New and former students must submit an application for admission before they can register for classes and begin the certification process.

The basic categories of educational assistance are: Montgomery GI Bill – Active Duty (Ch. 30), Montgomery GI Bill – Selected Reserve (Ch. 1606), Veterans Educational Assistance Program (VEAP - Ch. 32), Reserve Educational Assistance Program (REAP - Ch. 1607), Survivor’s and Dependent’s Educational Assistance Program (Ch. 35), Restored Entitlement Program for Survivors (REPS) and Vocational Rehabilitation (Ch. 31), and Post 9/11 Veterans Education Assistance Act of 2008 (Ch. 33).

For more information regarding requirements and Veterans Office hours, please refer to the Veterans website: http://www.chabotcollege.edu/admissions/veterans/
Concurrent Enrollment Information

Deadline to submit all Documents for approval: January 5, 2012

Special Admission Procedures
Students should begin the process for concurrent enrollment early. To enroll concurrently at Chabot College, follow these procedures:

1. Complete Chabot College Application for Admissions online.
2. Complete Recommendation for Concurrent Enrollment form and obtain all required signatures.
3. Submit current High School transcript. Home school students should also submit a copy of their R4 Affidavits. (CA Ed Code, section 33190)
5. Submit all required forms, in one packet, in-person or mail to Chabot College, ATTN: Concurrent Enrollment Program, Office of Admissions and Records, 25555 Hesperian Blvd., Hayward, CA 94545.
6. You will be sent a notification of your approved recommendation and be given a date when you can register online using CLASS-Web registration.

Eligibility
To be eligible, students must:

• 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, and 488802)
• Have written parental approval.

Note
• PLEASE NOTE: International and Out-of-State high school students will be assessed non-resident tuition and enrollment fees.

For more information regarding concurrent enrollment and to access all forms, visit the Chabot website at www.chabotcollege.edu/admissions/concurrent/
California Non-Resident Tuition Exemption Request

Any student, other than a non immigrant alien, who meets all of the following requirements, shall be exempt from paying nonresident tuition at the California Community Colleges, the University of California, and the California State University (all public colleges and universities in California).

Requirements:

- The student must have attended a high school (public or private) in California for three or more years.
- 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 California High School Proficiency exam)

For additional requirements and to access to all forms, please go online to http://www.chabotcollege.edu/admissions/fees/AB540IntersegAffidavit.pdf

El Colegio Chabot:

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 indique que de “Hispano”. Hemos tenido la oportunidad que la población estudiantil hispana/latina en el Colegio Chabot ha alcanzado el 26%, siendo la población étnica más poblada. Al alcanzar esta meta, el Colegio Chabot está en posición de recibir recursos monetarios para proveer más servicios como consejería, ayuda telefónica y otros servicios necesarios bilingües.

Elegibilidad de la Admisión

Uno es elegible de asistir al Colegio de Chabot si tiene un diploma de una escuela secundaria o el equivalent (GED) y por lo menos 18 años de edad, o si es estudiante de una escuela secundaria y tiene una recomendación de su consejero.

- Estudiantes quizás tengan que presentar un comprobante demostrado que han sido un residente de California por un año.
- Estudiantes no ciudadanos quizás tengan que presentar documentos específicos para determinar si son sujetos a pagar la enseñanza como “no residente” o estudiante internacional.
- Estudiantes que son miembros de las fuerzas armadas de los Estados Unidos, estacionados en California en servicio activo tendrán el derecho de ser clasificado como residente por un año.
- Por ley, todos solicitantes masculinos para admisión, como estudiante no graduado son obligados a registrarse con el Servicio de Selección.
- Dependientes de veteranos incapacitados o fallecidos pueden ser elegibles para eliminar el costo de matrículación. Comunique con la Oficina de Veteranos al 510.723.6910.

Mande por correo o entregue en persona su solicitud a la oficina de Admisión y Registro en el edificio 700 al Edificio

25555 Hesperian Blvd. Hayward, CA 94545

Se les regresarán solicitudes incompletas a los estudiantes y pueden afectar su habilidad de matricularse para clases.

Para más información, comuníquese con La Carrera y Transferencia Centrales al 723-6720
**Registeration Information**

**Open 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.

**Registration Dates:**
- Continuing Students—priority registration begins on Nov. 9
- New & Returning Students—start to register on Nov. 28
- High School Concurrent Enrollment Special Admits —start to register on Dec. 14

For more information about priority numbers, please go online to [http://www.chabotcollege.edu/admissions/registration/priority.cfm](http://www.chabotcollege.edu/admissions/registration/priority.cfm)

**Adding & Dropping Classes**
- Please refer to the academic calendar for Add, Drop (NGR) and Withdrawal deadlines for Full Term Classes.
- Classes that are not full term (late start, short term), please contact your instructor or Admissions & Records for appropriate deadlines
- Important Note: Instructors have the option of dropping students who do not attend either of the first two class meetings or because of excessive absences (four consecutive or six cumulative hours).

**Adding Classes**
Students may attempt to add into open full-term classes during the registration period prior to the start of instruction. To add after the start of instruction, attend the first class meeting and obtain an Add Authorization Number from the instructor and register by the Add Deadline. Use CLASS-Web or The Zone to enroll with your Add Authorization Numbers before the deadline date.

**Dropping Classes**
Students are responsible for dropping or withdrawing from classes. Failure to follow the withdrawal procedures may result in a grade of “F”. Students who drop before the No Grade of Record (NGR) period will not have a grade appear on their transcript. Use CLASS-Web or The Zone to drop any course. If a class is cancelled or a drop occurs before the NGR deadline, the resulting balance on the student account can be applied to future terms or students may apply for refunds through the Office of Admissions & Records.

**Class Withdrawals**
Students are responsible for dropping or withdrawing from classes. Use CLASS-Web to withdraw from classes prior to the “W” deadline date. “W” grades are subject to all fees and/or tuition. Withdrawals do not affect student GPA; however, excess “W” notations may result in poor progress or dismissal status, and may affect financial aid or athletic eligibility.

**Extenuating Circumstances Withdrawal**
Students may withdraw from a class with extenuating circumstances after the Withdrawal deadline. An Extenuating Circumstances Withdrawal Petition, available through Counseling, along with supporting documentation must be filed by the student with the instructor who will approve and verify that the class is being passed with a minimum grade of D. If approved, the petition is forwarded to the Dean of Counseling for final approval. Circumstances that will be considered are acute medical problems, acute personal or family problems, employment-related problems, or other similar circumstances preventing a student from completing the class.

**Understanding Your Priority Number**

**Priority Registration for Continuing students begins on November 9**
The priority number is the total number of units completed at the Chabot-Las Positas Community College District followed by a random digit. Registration appointment dates for continuing students are based on the student’s priority within the following groups:

<table>
<thead>
<tr>
<th>Priority Groups for Currently Enrolled Students</th>
<th>Completed Student Educational Plan (SEP)</th>
<th>Matriculation Process</th>
<th>Completed Assessment</th>
<th>Completed Orientation</th>
<th>Completed Counseling</th>
</tr>
</thead>
<tbody>
<tr>
<td>1st Priority - Group 07</td>
<td>*</td>
<td></td>
<td>*</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>2nd Priority - Group 05</td>
<td></td>
<td></td>
<td>*</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>3rd Priority - Group 03</td>
<td>Completed any 2 of 3 Matriculation Components</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4th Priority - Group 00</td>
<td>All remaining students who are not in the above priority groups</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

For more information, please see [http://www.chabotcollege.edu/admissions/registration/priority.cfm](http://www.chabotcollege.edu/admissions/registration/priority.cfm)

**How to Read Priority Numbers**
Example: If Priority Number is 070459:
- First two digits (07) are the Priority Group number explained previously.
- Next three digits (045) are the units completed as of the prior term, plus current term enrollment
- Last digit (9) is a random digit.

Some students may qualify for exemption from certain matriculation components by completing a Request to Review Matriculation Status form with a counselor. Students must be registered in at least one course past the “NGR” deadline each semester to maintain priority registration status as a continuing student.
Fees and Refunds

<table>
<thead>
<tr>
<th>Enrollment Fee</th>
<th>$36 per unit</th>
<th>The enrollment fee for all students, except those exempt by law, is $36 per unit.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Non-Resident Tuition</td>
<td>$215 per unit</td>
<td>Non-residents of California are required to pay a tuition fee of $215 per unit in addition to the enrollment fee and basic fees.</td>
</tr>
<tr>
<td>International Student Tuition</td>
<td>$215 per unit</td>
<td>The tuition fee for international students, non-immigrant aliens or students on other types of visas is $215 per unit in addition to the enrollment fee and basic fees. For more information, please go to <a href="http://www.chabotcollege.edu/International/">http://www.chabotcollege.edu/International/</a></td>
</tr>
<tr>
<td>Health Services Fee</td>
<td>$14</td>
<td>The Associated Student Body adopted a mandatory health service fee of $14 per semester and $9 during the summer is assessed to students to support health services for enrolled students. The only exceptions to not paying the Student Health Fee is found online at <a href="http://www.chabotcollege.edu/admissions/fees/#health">http://www.chabotcollege.edu/admissions/fees/#health</a></td>
</tr>
<tr>
<td>Mailing Fee</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 (registration mailer, grade report, etc.).</td>
</tr>
<tr>
<td>Associated Students Activity Fee</td>
<td>$5</td>
<td>An optional fee of $5 will be charged 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>Returned Check Fee</td>
<td>$25</td>
<td>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.</td>
</tr>
</tbody>
</table>

The Chabot-Las Positas Community College District reserves the right to change tuition fees for Spring 2012 due to pending legislation.

Parking Fees

Please note: Parking permits are available online only. Parking permits are no longer available in the bookstore.

Please read all instructions carefully:

- Go to Chabot College CLASS-Web or The Zone at www.chabotcollege.edu and click the link to “Purchase a Parking Permit.”
- After ordering and paying for your permit:
  - Print a temporary permit.
  - Approximately 10 business days your permanent permit will be mailed to the address you provided.

Student parking permits for each instructional term (semester) may be purchased online only through CLASS-Web or the Zone, after registering for classes. Individuals who enroll in-person at the Office of Admissions & Records and who wish to purchase a student parking permit will be required to do so online. Access to and assistance with purchasing parking permits online is available in the Student Online Services Center in Bldg. 700.

At the time of purchase, be prepared to print a temporary permit and have the following vehicle information ready:

- Year  
- Make  
- Model  
- Color  
- License Plate Number  
- State of Vehicle Registration

Daily parking permits can still be purchased from dispensers located in all parking lots on campus. Permits shall be hung from the rearview mirror or displayed on the vehicle dashboard. Students must pay the parking fee in order to receive a parking permit. Permits will be mailed out after payment is received.

The following fees have been set for parking in accordance with Section 76360 of the California Education Code and adopted by the Board of Trustees:

- Daily parking permits are purchased from dispensers located in all parking lots on campus.
  - Daily Permits: $2
  - Motor Vehicles
    - Fall/Spring Semester: $30
    - Summer Session: $15
  - Motorcycle
    - Fall/Spring Semester: $15
    - Summer Session: $7.50

Please note: You must have a valid parking permit displayed on your vehicle to park on campus.

For more information, please see page 73

Enrollment Fee Refund Policy

To apply for an enrollment fee refund, file an Application for Refund of Fees form at the Office of Admissions & Records.

- No refunds will be given to students who withdraw from classes after the no-grade-of-record (NGR) deadline.
- 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
- A $10 processing fee will be subtracted from each enrollment fee refund. (No processing fee will be charged if classes were cancelled by the College.)
- The mailing fee, health services, and student activity fee are not refundable.
- Refund checks will be sent by mail approximately six to eight weeks from the Chabot-Las Positas Community College District Business Office after the request is submitted.
**Waitlist Information**

**What is a waitlist?**

2. Waitlist is an automatic registration feature in CLASS-Web that goes into effect when a class is closed and has reached its enrollment limit.
3. Students do not need to know in advance what CRNs have a waitlist, since the system notifies them automatically.

**What do students need to know to get on the waitlist for a class?**

1. **ALL NOTIFICATIONS FOR WAITLIST WILL BE SENT TO THE STUDENT’S ZONEMAIL ACCOUNT.**
2. If a CRN has a waitlist, when students register online on CLASS-Web, they are prompted automatically online to sign up for the waitlist if the class is closed.
3. Students’ registration priority determines when they can register and also when they can add themselves to a waitlist.
4. Students are placed on the waitlist on a first-come, first-served basis.
5. Students can also remove themselves from the waitlist online at any time.
6. Students can monitor their position on the waitlist online.
7. Students cannot add themselves to the waitlist if one of the following conditions exist:
   a. They do not meet prerequisites/corequisites, or have registration holds.
   b. The waitlist class overlaps in time with classes in which they are already registered.
   c. They are already on a waitlist for the same class. (However, students may add themselves to waitlists for different classes.)
   d. Adding to the waitlist puts them over the maximum unit load.
8. If a seat becomes available for a CRN, the student at the top of the waitlist receives a notification at their Zonemail account to register for that class within 72 hours. If the student does not take action before the stated expiration date & time, the student loses their spot to the next student on the waitlist.
9. Reminder emails are sent to students via Zonemail to register before the first day of class and again when the waitlist closes for that specific CRN.
10. Students who were notified to register but fail to take action before class starts are instructed to show up for class on the first day to get an add authorization number. For online classes, they are instructed to email their instructor that they are still interested by midnight prior to the first day of class. Students must include course and CRN in the subject line in the email to the instructor.

*For additional information, please refer to the Banner Waitlist Committee website, accessible on campus by visiting [http://info](http://info) or by logging on to The Zone at [http://myportal.clpccd.edu](http://myportal.clpccd.edu).*
## English/Math/Chemistry/ESL Assessment Schedule

### New, First Time in College Students

**English/Math Assessment, Online Orientation & Group Counseling**

As a **New, First Time in College Student**, you need to complete the English/Math assessments, online orientation and attend an academic program 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 for future terms.

*Students will be charged a registration fee for the class. Non-residents & international students will be charged at the appropriate rate.*

**Before Attending:**

1. If you haven’t already done so, apply to Chabot College online at https://www.chabotcollege.edu.
2. Look at the study guides on our website https://www.chabotcollege.edu/counseling/assessment to prepare for the assessment.
3. Attend assessment session—see schedule on right, no appointments needed. Bring a valid Photo ID (students will not be admitted without Photo ID) and know your Student ID number.
4. When you have completed your assessments, you will receive a matriculation passport with next step information about the online orientation and academic program planning.

### Continuing, Returning & H.S. Concurrent Enrollment

**English and/or Math Assessment**

All Continuing, Returning & H.S Concurrent Enrollment Students must have a valid application for admission on file prior to attending the assessment. You can apply online at https://www.chabotcollege.edu

Look at the study guides on our website https://www.chabotcollege.edu/counseling/assessment to prepare for the assessment.

Attend assessment session – see schedule below, no appointments needed. Bring a valid Photo ID (students will not be admitted without Photo ID) and know your Student ID #.

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

### Chemistry Diagnostic Test

Students interested in taking Chemistry 1A: General College Chemistry have the option of taking the Chemistry Diagnostic Test to fulfill their prerequisite for the class. This is a timed, paper and pencil test. If you pass the test, you will meet the 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.

These sessions are on a first-come, first served basis. No appointments needed. Please arrive 15 minutes early. Bring a valid Photo ID (students will not be admitted without Photo ID) & know your Student ID #.

Non-programmable calculators are permitted.

### Assessment Center Room 714A

510.723.6722
cc-assessment@chabotcollege.edu

https://www.chabotcollege.edu/counseling/assessment

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### Open lab

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</tr>
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<tbody>
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<td>October 24, 25, 26, 28, 31</td>
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</tr>
<tr>
<td>November 1, 2, 4, 7, 8, 9, 14, 15, 16, 18, 28, 29, 30</td>
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<td>4 pm</td>
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<td>4 – 6:30 pm</td>
<td>5:30 pm</td>
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<tr>
<td>January 4, 6, 9, 10, 11, 13, 17, 18, 20, 23, 24, 25, 27, 30, 31</td>
<td>9 – 11 am</td>
<td>10 am</td>
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### Thursday (ESL Assessment Only)

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<thead>
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<tr>
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<td>January 5, 19, 26</td>
<td>3:30 PM – 7 PM</td>
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</tbody>
</table>

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**For ADA accommodations, please call the Disabled Student Resource Center (DSRC) at (510)723-6725.**

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Chabot College • Spring 2012 Class Schedule 12 510.723.6600 • www.chabotcollege.edu
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.

Many courses offered by Chabot College require the completion of prerequisite courses taken at Chabot, or the equivalent taken at another accredited institution. Students are responsible for meeting prerequisite(s) wherever listed. Please note that Chabot’s registration system, CLASS-Web or The Zone, recognizes only prerequisites completed at Chabot. If a student completed an equivalent course at another institution, s/he must submit documentation to the Counseling Division (for a prerequisite override).

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 Overrides by Email
If you have already sent official (sealed) transcripts to Admissions and Records you can request a prerequisite override online at www.chabotcollege.edu/counseling/prereqoverride

- Your Name
- Your Student ID number
- Your phone number
- Course you wish to take, name and number (e.g. Math 65)

Your transcripts will be forwarded to a counselor who will review your documentation and verify prerequisite course equivalency. If your request is approved, you should be able to register no later than two working days after we receive your documentation provided your registration date has arrived and seats still remain in the class. You will be contacted if your request is not approved.

Prerequisite Overrides In-Person
1. Bring unofficial transcripts showing successful completion of equivalent prerequisite course work to the Counseling Office
2. Tell the counselor on duty that you need to override the prerequisite for the course you wish to take.
3. Fill out the top of the override form.

NOTE: If you are currently taking the prerequisite course, you will need to supply a letter from the instructor on college letterhead with the following information:

- Your name
- Course name and number
- The grade the instructor expects you to receive
- The instructors contact phone number

After dropping off your transcript, a counselor will review your documentation and verify prerequisite course equivalency. If your request is approved, you should be able to register no later than two working days after we receive your documentation provided your registration date has arrived and seats still remain in the class. You will be contacted if your request is not approved.

Repeating Classes
Except as provided in the College Catalog for specific classes or in cases of extenuating circumstances, a student by state law is limited to two attempts to repeat a course for the purposes of raising a substandard grade (D, F, and NP).

Students may not repeat courses that are limited to one attempt in which they received passing grades of A, B, C, or P.

Please refer to the College Catalog for more information.
Financial Aid

Location: Building 700, 1st floor
Hours: See website for current hours and closures
Phone: 510-723-6748
Email: cc-finaid@chabotcollege.edu
Website: www.chabotcollege.edu/finaid
School Code: 001162

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. It comes in several forms:
• Board of Governor’s Fee Waiver (BOG)
• Grants and Scholarships
• Work Study
• Student Loans

More information about the forms of financial aid is available on the Chabot Financial Aid website

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 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 and Cal Grant deadline.

How Eligibility is Determined
To be considered eligible for federal and most state aid programs, a student must meet some basic criteria:
• Meet Ability-to-Benefit by having a high school diploma, GED certificate, pass Chabot College’s ability-to-benefit test, or have successfully completed a minimum of six (6) units of academic work at Chabot.
• Be enrolled or accepted for enrollment as a regular student in an eligible certificate, associate or transfer program (declare a major) at Chabot.
• 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 according to federal financial aid policy.

Your financial need is based on the FAFSA and verification documents you submit. The role of the FAO is to make certain the information is correct, and to determine the type and amount of aid for which you qualify. Academic eligibility is based on the student’s academic performance (minimum 2.00 grade point average, 67% completion rate, and up to 150% of your program length in attempted hours.)

The FAO will send you an email upon awarding or when awards change. CLASS Web will show you types and amounts of aid you are eligible to receive. Loans are only available by manual request. Disbursement of financial aid is prorated by student enrollment each term. No additional disbursements will be made for late registration, or 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 or questions 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.

Important Things to Know
• Effective March 2, 2010, students receive all email notifications via their ZoneMail email address, directing students to check the Zone/CLASS-Web for missing information, required verification documents, awards and adjustments to awards, and academic ineligibility. No paper letters will be mailed out, effective 2010–11.
• New SAP (Satisfactory Academic Progress) - Effective July 1, 2011, Satisfactory Academic Progress (SAP) standards have changed per new federal regulations, and are effective with the first calculation after fall 2011 semester and supersede all previous policies. See website for more information [http://www.chabotcollege.edu/finaid/SAP.cfm](http://www.chabotcollege.edu/finaid/SAP.cfm)
• Due to the availability and regulations for the new “Year Round Pell”, summer enrollment for fulltime is 6 units, three quarter time is 9–11.5, and half time is 4–5.5 units. A student must be enrolled at least half time to be considered for student loans, FWS and additional Pell Grant.
• As of July 1, 2010, the lender for the Stafford Loan Program is the Department of Education, rather than a commercial bank. Prospective and returning borrowers are directed to new materials and information for the Direct Loan program.
• The Financial Aid Office will not make copies of tax or other documents. Please bring copies (not your originals) to our office when responding to requests for documents.

Stay Out of Line
Use the Zone/CLASS-Web for general financial aid information, and to check status of individual student financial aid file, awards and eligibility at [http://banner-web.clpccd.cc.ca.us:7000](http://banner-web.clpccd.cc.ca.us:7000). See what documents are needed to process your file, holds, your eligibility for financial aid, academic progress status, and award types with amounts. Use your W# and Chabot PIN to access.

Chabot Financial Aid website provides a wealth of information, assisting students to understand types of financial aid available, policies and procedures, and eligibility requirements. Links to Federal and State websites provide valuable information.

You can download all financial aid forms and see current deadlines on the Financial Aid website.
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 card, even if you do not think you will receive aid, as replacement cards are $20 each.)

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 three options are:
1. **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 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.
2. **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 2–3 days of the refund date.
3. **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.

Returning Chabot Students:
If you have already activated your preference and are a continuing student please make sure you do the following to ensure that you will receive your refunds on time:
1. **Apply For Financial Aid Early**—Apply early as it takes time for your financial aid file to be completed. Apply by the March 2nd priority deadline each year. Go to www.fafsa.gov to submit your FAFSA today.
2. **Filing your FAFSA late**—If you missed the priority deadline, you can submit a FAFSA at a later date. However, keep in mind that your file may not be ready nor will your financial aid be disbursed until all the verification and academic requirements are satisfied. To be considered for funding, we must receive application before the last date of enrollment in a semester, or by deadlines posted on our website.
3. **Check your ZoneMail**—Any additional requirements/forms the Financial Aid Office may need to complete your financial aid file, and for awards and disbursement information.
4. **Maintain Satisfactory Academic Progress (SAP)**—All students, new and returning, must make Satisfactory Academic Progress in order to receive financial aid. Per federal regulations, students who fail to meet minimum academic requirements are ineligible for financial aid.

Verifying Customer Identification Program (CIP) and Password/Pin Retrieval
1. **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 the CIP Form. Please download, complete and submit to our office at your earliest convenience. CIP complies with US Patriot Act, ensuring that required identity information is not only verified but retained properly.
2. **Password/Pin Retrieval**—Higher One has now 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 in to 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.

You’ll Hear from us via Zone Mail

All students will receive e-mail financial aid communication via ZoneMail, the college email assigned to all Chabot students. Follow these steps to access your ZoneMail today:

**Step 1: Login to the Zone/CLASS-Web**
Go to [http://banner-web.clpccd.cc.ca.us:7000](http://banner-web.clpccd.cc.ca.us:7000) and sign in using your W# and your PIN
1. After you login into your Zone account, go to the Home tab, under Quick Check. Click link “What is my college/district and Password/Pin Retrieval”
2. Click the Email icon.
3. Log in with the email username (just the part before the @ sign) and the password is the same six-digit PIN used for the Zone.
4. Optional direct access to ZoneMail: [http://stumail.clpccd.edu](http://stumail.clpccd.edu)

**Step 2: Add us to your address book (to ensure you receive all messages from financial aid)**
1. Students must add cc-financialaid@chabotcollege.edu as a trusted sender so that Financial Aid Office emails are not marked as SPAM.

**Step 3: (Recommended!) If you wish to use your personal e-mail instead**
1. From ZoneMail Inbox, click on “Settings”
2. Click the “Forwarding & POP/IMAP” link
3. Select “Forward a copy of incoming mail to…”
4. Enter your personal e-mail address
5. Click “Save Changes” at the bottom of the page
Student Services and College Programs

Vice-President, Student Services
510.723.6743 http://www.chabotcollege.edu/studentservices/

Admissions & Records
Email: ccarcom@chabotcollege.edu
Website: www.chabotcollege.edu/Admissions/

Bookstore
510.723.2650 www.chabotbookstore.com/home.aspx

Children’s Center
510.723.6684 www.chabotcollege.edu/childrenscenter/

Communication Lab
510.723.2630 www.chabotcollege.edu/commstudies/CSL.cfm

Counseling
cc-counseling@chabotcollege.edu
http://www.chabotcollege.edu/Counseling/

Dental Health Programs Clinic
510.723.6900
www.chabotcollege.edu/dhyg/ClinicInfo.cfm

Disabled Student Resource Center (DSRC)
510.723.6725
www.chabotcollege.edu/dsrc/

Financial Aid Office
cc-finaid@chabotcollege.edu
http://www.chabotcollege.edu/finaid/

International Students
intladms@chabotcollege.edu
http://www.chabotcollege.edu/International/contactus.asp

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

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

Library
510.723.6764
http://www.chabotcollege.edu/library/

Parking Permits
http://www.chabotcollege.edu/safety/parking/permits.cfm

Performing Arts Center
510.723.6976
http://www.chabotcollege.edu/PAC/contact.cfm

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

Spectator Newspaper
http://www.thechabotspectator.com/

Student Health Center
510.723.7625
http://www.chabotcollege.edu/HealthCenter/

Student Life
510.723.6473
http://www.chabotcollege.edu/StudentLife/

Student Photo ID
510.723.6770

Transfer Employment Center Svcs (TeCS)
510.723.6720
http://www.chabotcollege.edu/Counseling/TECS/

TAniF – Teaching Preparation Program
510.723.6912

Veterans Information
510.723.6910 http://www.chabotcollege.edu/admissions/veterans/

Assessment Center
http://www.chabotcollege.edu/counseling/assessment/studyguides.asp

CalWORKS
(510) 723-6909
http://www.chabotcollege.edu/SpecialPrograms/CalWORKs/

Learning Connection
http://www.chabotcollege.edu/LearningConnection/

Daraja Program
http://www.chabotcollege.edu/daraja/
thedarajaproject@yahoo.com

Eops
(510)723-6909
http://www.chabotcollege.edu/specialprograms/eops/index.cfm

The Language Center
http://www.chabotcollege.edu/languagearts/ESL/Languagecenter.asp

Chabot-San Leandro Center
http://www.chabotcollege.edu/offsite/slcec/

PACE
pace@chabotcollege.edu
http://www.chabotcollege.edu/PACE/

Puente Program
http://www.chabotcollege.edu/puente/ContactPuente.cfm

ASCC - Associated Students of Chabot College
(510) 723-6800
http://www.chabotcollege.edu/ASCC/

Student Online Service Center
Room: 709

World Languages
http://www.chabotcollege.edu/languagearts/worldlanguages/
**Access Your Zone Account**

The Zone is a web portal that provides a single point of access to a variety of content and college services like on-line registration, Blackboard, Zonemail and much more. The Zone is customized for you to quickly find information and have access to tools and resources used on a regular basis.

### Set Up Your Zone

1. Go to http://thezone.clpccd.edu
2. W ID: enter W ID, including the W
3. PIN: the same six-digit number used to log into Class-Web.
4. Log into The Zone.

### How Do I Get My W ID So I Can Log Into The Zone?

1. Go to CLASS-Web: http://banner-web.clpccd.cc.ca.us:700
2. Log in with Social Security number. PIN is initially set to birth date in format MMDDYY.
3. If you forgot your PIN, enter SSN and click “Forgot PIN?” button, answer security question, reset six-digit PIN.

*Note: If this step does not work, go to the Office of Admissions & Records or send an email to: ccarcom@chabotcollege.edu*

4. Click link “What is my W ID?”, write down your number, then click the “Exit” icon to log out of CLASS-Web.
5. Click link to go to The Zone login page.

### Still Can’t Log On?

If your CLASS-Web login has been disabled, you must contact the Office of Admissions & Records at ccpinreset@chabotcollege.edu

If you get an error when trying to log into The Zone, please send an email to helpzone@clpccd.org or please call 925.424.1710

### Access New Student Email-Zonemail

1. Find your student email address in The Zone, on the Home tab, under Quick Check. Click link “What is my college/district email address?”
2. Click the Email icon.
3. Log in with the email username (just the part before the @ sign) and the password is the same six-digit PIN used for The Zone and CLASS-Web.
4. Optional direct access to Zonemail: http://stumail.clpccd.edu

### Online Classes - Access Blackboard Through The Zone

1. From within The Zone, click on the Blackboard tab, then click on the Blackboard icon to log in.
2. One-time login setup: Enter your Blackboard account information on the “External Account Synchronization” screen.
3. Blackboard Username: your W ID including the W.
4. Blackboard Password: the first two letters of your first name, the first two letters of your last name, and the last four digits of your W ID.

5. Click the “Save” button.
6. The next time you click the Blackboard icon within The Zone, you’ll automatically be logged into Blackboard.

### Can’t Log Into Blackboard?

If you are unable to log into Blackboard and/or if you are unable to reset your own password, contact Blackboard Student Support by filling out the help form at http://www.chabotcollege.edu/online

### Email Options for Blackboard Students

1. Log into The Zone at http://thezone.clpccd.edu
2. On the Home tab, under Quick Check, click “What is my college/district email address?”
3. Click the link “Update Email Address”
4. In the drop down for “Type of Email to Insert”, select “Email for Blackboard” and click the Submit button.
5. Type your personal E-mail address and click the Submit button.

### Forward Zonemail to Personal Email (Optional)

1. From the Zonemail inbox, click on “Settings”.
2. Click the “Forwarding & POP/IMAP” link.
3. Under Forwarding section, click button “Add a Forwarding Address.”
4. Enter your personal email address and click the Next button.
5. Click OK to “A confirmation code has been sent to your personal email to verify permission.”
6. Go to your personal email account, click the link to confirm OR copy the code to the Zonemail verification screen and click “Verify.”
### ADMJ 50  INTRO TO ADMIN OF JUSTICE  3.0 UNITS

History and philosophy of administration of justice in America; theories of crime, punishment, and rehabilitation; ethnics, education and training for professionalism in the system.

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<td>8/28-12/13</td>
<td>P/N</td>
<td>SLE</td>
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</table>

**CRN**: Class Registration Number needed to register for a specific class  
**COURSE CONFLICT/OVERLAP**: Students may not enroll in two classes that meet during any part of the same hour

**DAYS:**
- D = Day Class
- E = Evening Class
- S = Saturday Class
- O = Online Only

**LOCATION**: Classes marked with an asterisk meet in an Off-Campus Location

**GRADING CODE**:
- GR = Courses must be taken for letter grade
- P/N = Courses must be taken for pass/no pass
- OP = Courses may be taken for letter grade or pass/no pass

**SECTION NUMBERS**:
American Culture courses begin with A (e.g. A01)

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

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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**: 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 computer used for registration recognizes completion of prerequisites at Chabot College or Las Positas College only. It is important to submit official transcripts in order to determine if other course work completed is equivalent to prerequisites listed for courses. Visit the Counseling Division located in Bldg. 700 or email cc-counseling@chabotcollege.edu.

**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**: 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.
ADMINISTRATION OF JUSTICE

ADMJ 50  INTRO TO ADMIN OF JUSTICE  3.0 Units
History and philosophy of administration of justice in America; recapitulation of the system; identifying various sub-systems, role expectations, and their interrelations; theories of crime, punishment, and rehabilitation; ethics, education and training for professionals in the system.

D 30132 Lec  MW  10:30-11:45  559  HANSON  01/17-05/25 OP  001
D 30133 Lec  TTh  1:30-2:45  552  HANSON  01/17-05/25 OP  002
E 31480 Lec  Mon  4:40-5:50  225  MCDANIEL  02/13-04/14 OP  SL1

ADMJ 51  ADMINISTRATIVE RELATIONSHIP  3.0 Units
Development of positive relationships between members of the system and the public.

D 30134 Lec  TTh  10:30-11:45  551  CASQUEIRO  01/17-05/25 OP  001
D 30135 Lec  MW  10:30-11:45  559  HANSON  01/17-05/25 OP  001
D 30136 Lec  Wed  6:30-8:20  555  ORREY  01/17-05/25 OP  001

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.

D 30273 Lec  Fri  9:00-11:50  505  BOYKINS  01/17-05/25 GR  001
E 31332 Lec  Th  7:00-9:50  505  BOYKINS  01/17-05/25 GR  071

ADMJ 59  CHILD ABUSE IN THE COMMUNITY  2.0 Units
Dynamics of the battered child syndrome. Focus on the abusive caretaker; patterns of abuse, and means necessary for effective treatment and intervention including effective legal and social action to control child abuse in the community.

E 31282 Lec  Tue  6:30-8:20  555  ORREY  01/17-05/25 OP  001

ADMJ 60  CRIMINAL LAW  3.0 Units
Historical development, philosophy of law and constitutional provisions; definitions; classification of crime and their application to the system of administration of justice; frequently used Penal and other code sections; case law, methodology and concepts of law as a social force.

D 30138 Lec  MW  9:00-10:15  503  CASQUEIRO  01/17-05/25 OP  001
D 30136 Lec  TTh  1:00-2:15  503  GIOVANOLA  01/17-05/25 OP  002
D 31822 Lec  MW  1:00-2:15  503  GIOVANOLA  01/17-05/25 OP  003
D 31821 Lec  TTh  9:00-10:15  503  GRAVELY  01/17-05/25 OP  004
E 30463 Lec  Th  6:30-9:20  503  GIOVANOLA  01/17-05/25 OP  071

This is a PACE Course. Enrollment priority will be given to PACE students.

E 30668 Lec  Mon  6:15-10:00  503  MILNER-ROSE  01/17-05/25 OP  E01
E 30551 Lec  Tue  2:30-5:20  503  SINGH  01/17-05/25 OP  ON1

By Arr  2.5 Hrs/Wk  tba
ANTH 1-ON1 is an online course with required on-campus meetings on Tuesday, Jan 17; Feb 7; Mar 6; Apr 3; May 1; room 503.

ANTH 1L  BIOLOGICAL/PHYSICAL ANTHRO LAB  1.0 Units
Laboratory exercises developed as an adjunct to Anthropology 1 (Introduction to Biological/Physical Anthropology) including the identification of fossils through examination of fossil casts, the study of human artifacts, observation of primate behavior and structure, and problem-solving in case studies of human genetics. Prerequisite: Anthropology 1 (may be taken concurrently).

D 30634 Lab  Wed  3:00-5:50  503  CASQUEIRO  01/17-05/25 OP  001
D 30473 Lab  Th  3:00-5:50  503  CASQUEIRO  01/17-05/25 OP  002
E 30552 Lab  Wed  6:30-9:20  503  GIOVANOLA  01/17-05/25 OP  001

ANTH 2  INTRODUCTION TO ARCHAEOLOGY  3.0 Units
Prehistoric development of human culture through studies of stone tools and other remains of the earliest human lifeways up to the growth of technologically advanced civilizations. Emphasis on modern archeological theories and techniques for understanding cultural adaptation to different ecological conditions in the past. Review of important archeological case studies.

D 30843 Lec  MW  10:30-11:45  551  CASQUEIRO  01/17-05/25 OP  001

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 30842 Lec  TTh  1:00-2:15  503  GRAVELY  01/17-05/25 OP  001
D 31617 Lec  TTh  10:30-11:45  555  GRAVELY  01/17-05/25 OP  002
E 31991 Lec  Tue  6:30-9:20  503  MILNER-ROSE  01/17-05/25 OP  071

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.

D 30582 Lec  Mon  2:30-5:20  405  SAEED  01/17-05/25 OP  A01

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 30139 Lec  MW  9:00-10:15  503  CASQUEIRO  01/17-05/25 OP  001
D 30138 Lec  MW  10:30-11:45  503  GIOVANOLA  01/17-05/25 OP  002
D 31822 Lec  MW  1:00-2:15  503  GIOVANOLA  01/17-05/25 OP  003
D 31821 Lec  TTh  9:00-10:15  503  GRAVELY  01/17-05/25 OP  004
E 30463 Lec  Th  6:30-9:20  503  GIOVANOLA  01/17-05/25 OP  071

ADMJ 74  GANGS AND DRUGS  2.0 Units
Definition of a gang and gang activity. Historical and cultural aspects. Inter-relationships among local, national and international gangs including prison gangs. Gang activity in relation to drug trafficking.

E 31078 Lec  Wed  7:00-8:30  505  BOYKINS  01/17-05/25 OP  071

Administration of Justice students are encouraged to enroll in these Physical Education courses, PHED 2LEC and 2PFL. See page XX
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 Catalogs, and the Uniform Building Code. Prerequisite: Architecture 4A (completed with a grade of “C” or higher).

ARCH 8B  FUNDAMENTALS OF ARCH DESIGN II  4.0 Units
Continuation of the content and issues introduced in Architecture 8A. Emphasis on generating and developing design concepts, incorporating structure, materials, and energy considerations as determinants of form. Emphasis on applied traditional and digital graphic communications tools, including scale models to convey intended concepts and meanings. Prerequisite: Architecture 8A (completed with a grade of “C” or higher).

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. Prerequisite: Art 2B (completed with a grade of “C” or higher).

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).

ART 2C  INDIVIDUAL PROJECTS - REALISM DRAWING  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).
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**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.

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**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).

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**ART 3C FIGURE AND COMPOSITION III** 3.0 Units

Continued development of knowledge and skills further developed in Art 3B. Emphasis on composition and color and different figurative design elements during the drawing of the human form. Drawing elements stress emotions and expressions. Strongly recommended: Art 3B (completed with a grade of “C” or higher).

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**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).

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**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.

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**ART 7B INTER WATERCOLOR PAINTING** 3.0 Units

Continued development of knowledge and techniques introduced in 7A. Emphasis on various intermediate watercolor techniques that produce different types of watercolor paintings. Strongly recommended: Art 7A.

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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 30300 Lec MW 9:00 9:50 1016 ESQUIERDO 01/17-05/25 OP 001
MW 10:00 11:50 1016

D 30301 Lec TTh 9:00 9:50 1016 ESQUIERDO 01/17-05/25 OP 002
TTh 10:00 11:50 1016

E 30302 Lec MW 7:00 7:50 1016 ESQUIERDO 01/17-05/25 OP 071
MW 8:00 9:50 1016

ART 17 BEGINNING SCULPTURE 3.0 Units
Construction methods in clay through design of three-dimensional and relief sculptures. Includes an introduction to contemporary ceramic art history and fundamentals of firing procedures.

D 30602 Lec TTh 9:00 9:50 1012 THIEL 01/17-05/25 GR 001
TTh 10:00 11:50 1012

ART 18 WOOD AND STONE SCULPTURE 3.0 Units
Design and carve three-dimensional and relief sculptures, using subtractive methods in wood and stone. Includes an introduction to art history and fundamentals of pneumatic (air power) technology. Elements and principles of three-dimensional design are emphasized in oral and written critiques. Designed for art majors as well as general education students.

D 31032 Lec MW 9:00 9:50 1012 THIEL 01/17-05/25 OP 001
MW 10:00 11:50 1012

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. Repeatable for credit if medium is changed and appropriate recommended courses are completed.

D 30603 Lec MW 9:00 9:50 1012 THIEL 01/17-05/25 OP 001
MW 10:00 11:50 1012

ART 21 INDIVIDUAL PROJECTS SCULPTURE 3.0 Units
Projects in sculpture for intermediate to advanced students. Building on previous knowledge and skills required from previous work, students will produce artwork that expresses their individual styles. Prerequisite: Art 17 (completed with a grade of C or higher).

D 31516 Lec TTh 9:00 9:50 1012 THIEL 01/17-05/25 GR 001
TTh 10:00 11:50 1012

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 3-dimensional design quality, craftsmanship, and subject matter, with research in the history of traditional and contemporary metal sculpture.

D 32239 Lec MW 9:00 9:50 1012 THIEL 01/17-05/25 GR 001
MW 10:00 11:50 1012

ART 54 ILLUSTRATING CHILDREN’S BOOKS 3.0 Units
Creation of two different children’s books in any medium. Overview of the field of illustrating children’s books. The relationship between words and images, page layout, character development, and illustration styles. Illustrate existing books or students’ own stories.

D 32593 Lec TTh 9:00 9:50 901 GOLOJUCH 01/17-05/25 OP 001
TTh 10:00 11:50 901

ART 9905 FOUNDATION FOR COMMERICAL ART 3.0 Units
Varied art materials will be used to study perspective lighting, illusion of volume, color theory and commercial art applications.

D 32598 Lec TTh 1:00 1:50 1008 Staff - Fi 01/17-05/25 GR 001
TTh 2:00 3:00 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 31420 Lec MW 10:30 11:45 804 ZULIANI 01/17-05/25 OP 001
D 31419 Lec MW 12:00 1:15 804 ZULIANI 01/17-05/25 OP 002
S 31418 Lec Sat 8:30 12:15 551 BURGESS 02/04-05/19 OP EP1
This is a PACE Course. Enrollment priority will be given to PACE students.

ARTH 5 RENAISSANCE TO MODERN 3.0 Units
History of Western art from Early Renaissance through High Renaissance, Mannerism, Baroque, Neoclassicism, Romanticism, Realism, Impressionism, Post-Impressionism, and 20th Century developments of American art.

D 31421 Lec MW 3:00 4:15 804 ZULIANI 01/17-05/25 OP 001

ARTH 7 MULTICULTURAL HIST AMER ART 3.0 Units
A multicultural survey of American art from 1800 to the present. Special emphasis on art objects created by Native American, Asian American, African American, and Hispanic/Latino artists and artisans. Considers how art objects express the maker’s identity within the specific historical, social, and political circumstances of his or her life. Addresses how male and female artists and artisans from these groups have used various art forms to assert their gender and ethnic identity in response to historical change.

E 32599 Lec Tue 6:30 9:20 804 MULLER 01/17-05/25 GR 071

ARTH 51 MUSEUM STUDIES 4.5 Units
Museum history, theory, and practice. History and theory components are lecture-based; practice components involves hands-on instruction in museum and gallery skills, culminating in the hanging of the Chabot student are show held in the Chabot Art Gallery with one to two field trips to local museums, galleries and/or historical societies.

D 31915 Lec TTh 12:00 1:15 804 MULLER 01/17-05/25 OP 001
Lab TTh 1:30 3:45 804

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.

D 31721 Lec MW 9:00 10:15 1902 LEE 01/17-05/25 OP 001
D 30534 Lec TTh 1:30 2:45 1902 HILDRETH 01/17-05/25 OP 002
O 30699 By Arr 3.0 Hrs/Wk ONLINE SMITH 01/17-05/25 OP 001
ASTR 10-ON1 is an online course conducted over the internet using Blackboard. Students must have an e-mail account and internet access before the first day of class. This course may require you to purchase access to an online astronomy learning environment. For information, go to http://www.chabotcollege.edu/faculty/bsmith and follow the link to the online course.

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 30535 Lec MW 10:30 - 11:45 1902 HILDRETH 01/17-05/25 OP 001
D 31103 Lec Th 10:30 - 11:45 1902 DAVE 01/17-05/25 OP 002

ASTR 30 INTRO TO ASTRONOMY LAB 1.0 Units
Introduction to laboratory principles and techniques in astronomy. Includes: observational techniques such as naked eye, binocular, and telescopic identification of stars, planets, constellations, and deep sky objects; telescope operation and imaging; spectroscopy, motions of the sun, moon and planets. Prerequisite/Corequisite: ASTR 1, 10 or 20.
E 30765 Lab Mon 6:30 - 9:20 1714 DAVE 01/17-05/25 OP 001
E 30065 Lab Tue 6:30 - 9:20 1714 HILDRETH 01/17-05/25 OP 002

AUTOMOTIVE TECHNOLOGY

ATEC 50 AUTO FUNDAMENTALS 2.5 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.
D 31932 Lec Wed 8:00 - 9:15 1418 BAUM 01/17-05/25 OP 001
Lab Wed 9:30 - 10:20 1426
Lab Mon 8:00 - 10:15 1426
D 32243 Lec Th 1:30 - 2:45 1418 SNIDER 01/17-05/25 OP 002
Lab Th 3:00 - 3:50 1426
Lab Tue 1:30 - 3:30 1426
E 31064 Lab Th 6:30 - 7:45 1623 DAVIS 01/17-05/25 OP 001
Lab Th 7:55 - 8:45 1426
Lab Tue 6:30 - 8:45 1426

ATEC 60 AUTO ELECTRICS/ELECTRONICS I 4.0 Units
Automotive electrical/electronic system. 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: ATEC 50 (may be taken concurrently). Strongly recommended: ATEC 61, Industrial Technology 74.
D 32339 Lec Th 1:30 - 2:35 1635 SHERBURNE 01/17-05/25 OP 001
Lab Th 2:45 - 5:10 1426

ATEC 61 FUEL INJECTION, EMISSION I 4.0 Units
Introduction to the principles of automotive fuel injection systems, including the inspection, diagnosis, and evaluation of fuel storage, fuel pump, carburetion, intake manifolds, combustion theory, exhaust analysis, engine operation principles, and introduction to fuel injection systems. Prerequisite: ATEC 50 (may be taken concurrently). Strongly recommended: ATEC 60.
E 32387 Lec Th 6:30 - 7:35 1635 ESPINOZA 01/17-05/25 OP 001
Lab Th 7:45 - 10:15 1426

ATEC 62 AUTO AIR CONDITION/COOL/HEAT 2.5 Units
Diagnosis, testing, adjustment, and repair of air conditioning, cooling and heating system. Includes heat and energy, air flow, refrigerant recycling, equipment and controls. Strongly recommended: ATEC 60A or equivalent (may be taken concurrently).
D 31051 Lec Tue 1:30 - 2:45 1418 BAUM 01/17-05/25 GR 001
Lab Tue 2:55 - 4:00 1426
Lab Th 1:15 - 3:40 1426

ATEC 63B ENGINES, MACHINE & ASMBLY PROC 3.0 Units
Continuation of Automotive Technology 63A with emphasis on cylinder head assembly, camshaft design and servicing, inspection, machining operations, and reconditioning of engine blocks including final assembly and installation of engines. Prerequisite: ATEC 63A (completed with a grade of C or higher), or equivalent.
D 31052 Lec Mon 8:00 - 9:15 1418 MACAULEY 01/17-05/25 GR 001
Lab Mon 9:30 - 11:45 1414
Lab Wed 8:00 - 10:15 1414

ATEC 64B AUTOMATIC TRANSMISSION ASSEMBLY 3.0 Units
Diagnosis, inspection, repair and adjustment of automatic transmission/transaxle assemblies includes the study of torque converters, friction materials, hydraulics, gear trains, manual and electronic control. Prerequisite: ATEC 50 (may be taken concurrently). Strongly recommended: Industrial Technology 74 (may be taken concurrently).
D 31065 Lec Tue 8:00 - 9:15 1623 BAUM 01/17-05/25 GR 001
Lab Tue 9:30 - 10:45 1406
Lab Th 8:00 - 10:50 1406
E 32579 Lab Tue 6:30 - 7:45 1609 SNIDER 01/17-05/25 GR 001
Lab Tue 8:00 - 9:15 1406
Lab Th 6:30 - 9:45 1406

ATEC 65 AUTOMATIC A/C DIAGNOSIS/AMB G 2.0 Units
Continued study of electrical/electronic systems on modern vehicles. Students will also learn about alternative fuels and vehicles available today. Students will acquire knowledge and experience on hybrid vehicle systems focusing on diagnosis, repair, safety, and the application and operation of electric vehicles used on today’s vehicles. Prerequisite: ATEC 90 or ATEC 91 (completed with a grade of C or higher).
D 32543 Lec Tue 8:00 - 10:50 1418 SHADBOLT 01/17-05/25 OP 001
Lab Th 8:00 - 11:50 1426

ATEC 66 AUTO STEERING/SUSPENSION SYS 3.0 Units
Diagnosis, inspection, repair, and adjustment of modern automotive steering, suspension and alignment systems. Includes theory of operation, the study of common automotive steering and suspension systems, wheel alignment principles, methods of diagnosis, repair, suspension service equipment. Prerequisite: ATEC 50 (may be taken concurrently) or equivalent. Strongly recommended: ATEC 65, Industrial Technology 74 (may be taken concurrently).
D 31066 Lec Mon 1:30 - 2:45 1418 BAUM 01/17-05/25 OP 001
Lab Mon 3:00 - 4:50 1426
Lab Wed 1:30 - 4:20 1426
D 32386 Lec Mon 6:30 - 7:45 1635 DAVIS 01/17-05/25 OP 002
Lab Mon 8:00 - 9:45 1426
Lab Wed 6:30 - 9:20 1426

ATEC 71 POWERTRAIN & VEHICLE PERFORMANCE 8.0 Units
Study of hybrid vehicle architecture, operation, and servicing. Recommended: ATEC 60, 61, 64B, 65, and 71 (or 71A & 71B), or equivalent.
D 31072 Lec MTWTh 8:00 - 9:05 1635 SMALL 01/17-05/25 OP 001
Lab MTWTh 9:15 - 11:35 1426

ATEC 90 HYBRID VEHICLE OPERAT & SVC G 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: ATEC 901 or ATEC 90 (completed with a grade of C or higher).
D 32543 Lec Tue 8:00 - 10:50 1418 SHADBOLT 01/17-05/25 OP 001
Lab Th 8:00 - 11:50 1426

ATEC 9902 HYBRID DIAGNOSIS/ALT FUEL TECH 2.0 Units
Motor vehicle emission inspection and maintenance: Includes the Bureau of Automotive Repair (BAR) requirements for: BAR Alternate A6, BAR Alternate A8, BAR Alternate L1 Basic Clean Air Car Course (BCACC), Advanced Clean Air Car Course (ACACC), Transition Course, and the current BAR Update. These courses are required for eligibility to take the State Licensing examination in addition to: One year trade experience in emissions/tune up, or nine semester units (13 quarter units) in Automotive Technology, or 180 hours at an accredited automotive school.
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: BIOL 31 or equivalent course (completed with a grade of "C" or higher). Strongly recommended: Eligibility for ENGL 1A or 52A.
D 30062 Lec MW 7:45 9:00 2110 XU 01/17-05/25 GR 001
Lab MW 9:05 11:55 2110
D 30063 Lec MW 12:00 1:15 2110 RUGGERO 01/17-05/25 GR 002
Lab MW 1:20 4:10 2110
D 31089 Lec TTh 7:45 9:00 2110 WU 01/17-05/25 GR 003
Lab TTh 9:05 11:55 2110
D 31771 Lec TTh 1:15 2:30 2110 LANGE 01/17-05/25 GR 004
Lab TTh 2:35 5:25 2110
E 30064 Lec TTh 6:00 7:15 2110 FONDA 01/17-05/25 GR 071
Lab TTh 7:20 10:10 2110
E 30823 Wed 6:30 8:20 2110 LANGE 01/17-05/25 GR ON1
PHSI 1  HUMAN PHYSIOLOGY  5.0 Units
Cellular and systemic body functions. Emphasis placed on physio- and chemical and clinical methods, collection and analysis of data, extrapolations and conclusions. Working models, including human responses, computer simulations are studied. Prerequisite: CHEM 30A and ANAT 1 (both with a grade of "C" or higher). Strongly recommended: CHEM 30B, eligibility for ENGL 1A or 52A.
D 30080 Lec TTh  7:45 9:00  2102 MARAWALA 01/17-05/25 GR 001
Lab TTh  9:05 11:55  2102
D 31349 Lec MW  1:00 2:15  2102 MARAWALA 01/17-05/25 GR 002
Lab MW  2:20 5:10  2102
D 30078 Th  1:00 2:15  2102 MARAWALA 01/17-05/25 GR ON1

BUS 1B  MANAGERIAL ACCOUNTING  4.0 Units
Examine how managers use accounting information in decision-making, planning, directing, operating, and controlling. Emphasis on cost terms and concepts, cost structure, cost behavior, cost-volume-profit analysis, profit planning, budgeting, budgetary controls, cost controls, accounting for manufacturing costs and ethics. Prerequisite: BUS 1A (completed with a grade of "C" or higher).
D 32405 Lec MW  8:30 10:20  301 BHANGAL 01/17-05/25 GR 001
D 30040 Lec MW  10:30 12:20  301 BHANGAL 01/17-05/25 GR 002
E 30041 Lec Tue  6:30 8:20  301 WONG 01/17-05/25 GR 001

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.
E 31322 Lec Th  6:00 9:30  1609 Staff - Ap 01/17-05/25 OP 071

A 20.0 Hrs/Wk ONLINE

BUS 1A-072 is taught partially online (2 hours on campus plus 2 hours online each week). Students must have an email account and internet access before the first day of class.
E 30545 Lec MW  6:30 8:20  1609 KLEIN 01/17-05/25 OP 071
E 31820 Lec Tue  4:30 6:20  301 WONG 01/17-05/25 OP 072

O 31284 By Arr  5.4 Hrs/Wk ONLINE BHANGAL 02/06-05/25 EN1 BUS-1A-EN1 is a late start, short semester, online course, with no required on-campus meetings.
O 31054 By Arr  4.0 Hrs/Wk ONLINE BHANGAL 01/17-05/25 ON1
O 30039 By Arr  4.0 Hrs/Wk ONLINE BHANGAL 01/17-05/25 ON2 BUS 1A-ON1 & ON2 is an online course, with no required on-campus meetings.

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: BUS 7.
D 30266 Lec Mon  8:30 10:20  1607 KALYAGIN 01/17-05/25 OP 001
Lec Wed  8:30 10:20  1607
D 30336 Lec MW  10:30 12:20  1607 KALYAGIN 01/17-05/25 OP 002
D 30337 Lec TTh  1:00 2:50  1609 KLEIN 01/17-05/25 OP 003
D 31815 Lec TTh  10:30 11:45  1609 WONG 01/17-05/25 OP 004

By Arr  1.0 Hrs/Wk ONLINE

BUS 1A-004 is taught partially online (3 hours on campus plus 1 hour online each week). Students must have an email account and internet access before the first day of class.
E 30545 Lec MW  6:30 8:20  1609 KLEIN 01/17-05/25 OP 071
E 31820 Lec Tue  4:30 6:20  301 WONG 01/17-05/25 OP 072

O 31284 By Arr  5.4 Hrs/Wk ONLINE BHANGAL 02/06-05/25 EN1 BUS-1A-EN1 is a late start, short semester, online course, with no required on-campus meetings.
O 31054 By Arr  4.0 Hrs/Wk ONLINE BHANGAL 01/17-05/25 ON1
O 30039 By Arr  4.0 Hrs/Wk ONLINE BHANGAL 01/17-05/25 ON2 BUS 1A-ON1 & ON2 is an online course, with no required on-campus meetings.

BIOL 50  ANATOMY AND PHYSIOLOGY  4.0 Units
Structure and function of the human body is studied. Emphasis on human anatomy and physiological principles at the cellular and systemic level. Designed primarily for majors in paramedic and medical assisting programs and pre-medical students who wish to explore the realm of anatomy and physiology.
D 30076 Lec TTh  1:15 2:30  2108 Staff - Sc 01/17-05/25 GR 001
Lab Tue  2:35 5:25  2104
D 31503 Lec TTh  1:15 2:30  2108 Staff - Sc 01/17-05/25 GR 002
Lab Th  2:35 5:25  2104

BIOLICAL SCIENCES ENVIRONMENTAL SCIENCE

ENSC 11  HUMANS AND THE ENVIRONMENT/LAB  4.0 Units
Identification of problems created by humans' modification of their environment by focusing on ecological interactions involving the human species; investigating the life processes of organisms as they relate to specific environments. Environmental Science 10, 11, and 12 may be combined for a maximum of 4 units.
D 31512 Lec Mon  9:00 11:50  2130 HOWELL 01/17-05/25 GR 001
Lab Wed  9:00 11:50  2130

ENSC 12  CURRENT ISSUES IN ENVIR SCI  3.0 Units
Identification of problems created by humans’ modification of their environment. Examination of human population growth through history, resource use, and pollution. Introduction of fundamental concepts of matter, energy, and ecology with emphasis on application of these concepts to a range of contemporary environmental issues. Environmental Sciences 10, 11, and 12 may be combined for a maximum of 4 units.
O 32134 By Arr  3.0 Hrs/Wk ONLINE HOWELL 01/17-05/25 OP ON1

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: BIOL 31 and CHEM 30A or CHEM 1A (all completed with a grade of “C” or higher). Strongly recommended: ANAT 1, eligibility for ENGL 1A.
D 31348 Lec TTh  7:30 8:45  2124 ENRIQUEZ 01/17-05/25 GR 001
Lab TTh  9:00 11:50  2124
D 31402 Lec MW  1:00 2:15  2124 MARTINEZ-RO 01/17-05/25 GR 002
Lab MW  2:30 5:20  2124
D 30075 Lec W F  7:30 8:45  2124 ENRIQUEZ 01/17-05/25 GR 003
Lab W F  9:00 11:50  2124
E 30077 Lec MW  5:30 6:45  2124 CORONADO 01/17-05/25 GR 071
Lab MW  7:00 9:50  2124
E 31018 Lec TTh  5:45 7:00  2124 WRIGHT 01/17-05/25 GR 072
Lab TTh  7:15 10:05  2124

BIOLICAL SCIENCES MICROBIOLOGY

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25
### 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:** BUS 1B (completed with a grade of "C" or higher).

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### 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.

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### 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: BUS 7 or equivalent.

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### BUS 10 BUSINESS LAW 4.0 Units
Legal setting in which business operates, with emphasis on legal reasoning and resolution, contracts, agency, partnerships and corporations.

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### 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).

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### 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.

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### 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.

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### 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, personal and organizational realities, legal implications affecting people at work, union/non-union practices, comparable work, employee compensation, benefits, and employee rights.

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### 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.

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### BUS 26 SMALL BUSINESS MANAGEMENT 3.0 Units
Application of management principles to the selection, establishment, and operation of a small business. Strongly recommended: Business 1A or Business 7.

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### BUS 32 RETAIL STORE MANAGEMENT 3.0 Units
Principles and practices used in the management of retail stores, includes site selection, layout, organization, staffing, positioning, customer service, promotional techniques and all aspects of the critical buying function.

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### BUS 34 INTO 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.

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### 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 30729 Lec MW 10:30-11:45 1613 NOVAK 01/17-05/25 GR 001
O 30730 By Arr 3.0 Hrs/Wk ONLINE NOVAK 01/17-05/25 GR 001

BUS 36-ON1 is an online course, with no required on-campus meetings.

### 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 political and economic institutions, and international operations. Emphasis on current events in the global business environment.

D 30720 Lec MW 9:00-10:15 1608 Staff – Ap 01/17-05/25 OP 001

### BUS 50A SKILLS FOR SUPERVISORS 1.0 Units
This course will provide survival skills for new supervisors and those who aspire to move to managerial positions. Necessary skills of time management, leadership, planning, motivation, conducting meetings, communication, handling stress, conflict, and performance appraisals will be discussed. Student will be involved in a variety of management exercises, discussions, current trends in supervision, and real-world cases studies.

O 31182 By Arr 3.0 Hrs/Wk ONLINE Staff - Ap 01/17-02/24 OP EN1
BUS 50A-EN1 is an online course, with no required on-campus meetings.

### BUS 50C INTERVIEWING FOR SUCCESS 1.0 Units
Principles and techniques of successful employment interviews: interview preparation, selling your qualifications, managing difficult qualifications, following up on the interview.

O 31285 By Arr 3.0 Hrs/Wk ONLINE Staff - Ap 02/27-04/05 OP EN1
BUS 50C-EN1 is a late start online course, with no required on-campus meetings.

### BUS 50F DEVELOPING A BUSINESS PLAN 1.0 Units
Research, analysis and outlining logical and persuasive business plans, including market and competitive analysis financial plans, management and operational plans, and plan outlines and executive summaries.

O 31524 By Arr 3.0 Hrs/Wk ONLINE Staff – Ap 02/27-04/05 OP EN1
BUS 50F-EN1 is a late start online course with no required on-campus meetings.

### BUS 50J TIME MANAGEMENT SKILLS 1.0 Units
Practical tips and tools to manage time in academic and business-related situations. Setting short-term and long-term goals. Prioritization of goals and activities. Developing plans; organizing your workplace. Typical time wasters/time leaks, including procrastination, and ways of overcoming them.

O 31830 By Arr 3.0 Hrs/Wk ONLINE Staff - Ap 02/27-04/05 OP EN1
BUS 50J-EN1 is a late start online course with no required on-campus meetings.

### BUS 50N DEALING WITH DIFFICULT PEOPLE 1.0 Units
Techniques for resolving and preventing interpersonal conflict in the workplace.

O 31825 By Arr 3.0 Hrs/Wk ONLINE Staff – Ap 01/17-02/24 OP EN1
BUS 50N-EN1 is a late start online course with no required on-campus meetings.

### BUS 72 LEADERSHIP OF HEALTH CARE ORGS 3.0 Units
Survey of key issues and effective management approaches in health care organizations, including organizational structure and governance, information technology, facilities and guest services, planning, marketing and strategy.

O 32409 By Arr 4.1 Hrs/Wk ONLINE LEADBEATER 02/06-05/25 OP EN1

### BUS 88 INTRO TO PROJECT MANAGEMENT 3.0 Units
Project management is the ability to define work efforts in terms of time, budget, and resource needs essential for business planning. Covers the forms, tools, and processes to plan and manage these efforts both efficiently and effectively. Strongly recommended: CAS 50, CAS 8, or CSCI 5 & CAS 54A.

O 32616 By Arr 3.0 Hrs/Wk ONLINE PINKAS 01/17-05/25 OP ON1
BUS 88-ON1 is an online course with no required on-campus meetings.

### 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: BUS 1A, BUS 7, or equivalent & CAS 54A or CAS 72E.

O 31832 By Arr 3.0 Hrs/Wk ONLINE WONG 01/17-05/25 OP ON1
BUS 92-ON1 is an online course with no required on-campus meetings.

### 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: BUS 1A, BUS 7 or equivalent.

E 32321 Lec Mon 6:30-7:20 1611 Staff - Ap 01/17-05/25 OP 071
Lab Tue 7:30-9:20 1611

O 31834 By Arr 3.0 Hrs/Wk ONLINE Staff - Ap 01/17-05/25 OP ON1
O 32410 By Arr 3.0 Hrs/Wk ONLINE Staff - Ap 01/17-05/25 OP ON2
BUS 93-ON1 & 93-ON2 is an online course with no required on-campus meetings.

### CHEMISTRY

#### CHEM 1A GENERAL COLLEGE CHEMISTRY I 5.0 Units
Introduction to atomic structure, bonding, stoichiometry, thermochmistry, gases, matter and energy, oxidation-reduction, chemical equations, liquids and solids, solutions, chemical energetics and equilibrium. Laboratory includes both quantitative and qualitative experiments. Prerequisites: MTH 55 or 55B or 55Y; CHEM 31 (all courses completed with a grade of “C” or higher) or appropriate skill level demonstrated through the Chemistry Placement Process.

D 30083 Lec MW 7:30-9:45 1606 DOCKTER 01/17-05/25 GR 001
Lab MW 9:00-11:50 3903

D 30084 Lec MW 7:30-9:45 1606 DOCKTER 01/17-05/25 GR 002
Lab TTh 9:00-11:50 3903

D 30804 Lec MW 12:00-1:15 1606 WELLS 01/17-05/25 GR 003
Lab MW 1:30-4:20 3903

D 30605 Lec MW 12:00-1:15 1606 WELLS 01/17-05/25 GR 004
Lab TTh 12:00-2:50 3903

E 31347 Lec MW 7:30-9:45 3922 GELFAND 01/17-05/25 GR 001

#### 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: CHEM 1A (completed with a grade of “C” or higher).

D 30495 Lec TTh 1:00-2:15 3922 SAWHNEY 01/17-05/25 GR 001
Lab TTh 2:30-5:20 3923

D 30085 Lec Mon 7:30-8:45 3924 SHARMA 01/17-05/25 GR 002
Lec Mon 9:00-10:15 3924
Lab WF 7:30-10:20 3923

E 31417 Lec TTh 5:30-6:45 3924 SCHUMACHER 01/17-05/25 GR 071
Lab TTh 7:30-9:50 3903

#### 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 CHEM 1A or CHEM 31 has been completed.

E 32802 Lec MW 1:00-2:15 3924 GELFAND 01/17-05/25 GR 002
Lab TTh 2:30-5:20 3923

D 30828 Lec MW 7:30-8:45 3926 DOCKTER 01/17-05/25 GR 003
Lab MW 9:00-11:50 3903

D 31347 Lec MW 7:30-9:45 3922 GELFAND 01/17-05/25 GR 001

Lab TTh 7:30-9:50 3903
CHEM 10, section (ON1) is an online hybrid course with one required on-campus class orientation on Tuesday, January 24, 6:30-7:30p.m. and six required on-campus class meetings on Tuesday, Jan 31, Feb 14, Feb 28, Mar 13, Mar 27 and April 17, 6:30-9:20 p.m., room 3921.

**CHEM 12B ORGANIC CHEMISTRY II  5.0 Units**
Continuation of Chemistry 12A with an introduction to the chemistry of aromatics, amines, carbanions, carboxylic acids, carboxylic acid derivatives, aldehydes, ketones and biochemical topics focusing on structure, synthesis, and mechanisms of reaction. Laboratory work in basic techniques, synthetic methods, and qualitative spectroscopic and chromatographic analysis techniques. Designed for students whose interests require a full year in-depth study of organic chemistry.  
**Prerequisite:** CHEM 12A (completed with a grade of "C" or higher).

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**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:** MTH 65 or 65B or 65L (completed with a grade of C or higher).

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**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:** CHEM 30A (completed with a grade of "C" or higher).

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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:** MTH 55 or 55B (completed with a grade of "C" or higher).

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Chabot College • Spring 2012 Class Schedule 510.723.6600 • www.chabotcollege.edu
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**COMM 11 INTERCULTURAL COMMUNICATION** 3.0 Units

Intercultural communication, with a focus on the analysis and comparisons of message perception and transmission in interactions between people from different cultures. Particular attention to values and meanings reflected in American culture, specifically the crisscrossing dynamics of race, ethnicity, gender, and class. Emphasis on practical application of skills for effective communication between people of different domestic and international cultures.

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**COMM 20 PERSUASION AND COMMUNICATION** 3.0 Units

Investigation and development of persuasive techniques, strategies, and theories throughout ancient and modern times. Topics will include rhetoric, propaganda, and formal/informal argumentation. Emphasis on the creation, techniques, and analysis of persuasive speaking. Strongly recommended: ENGL 1A and COMM 1.

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**COMM 30 ELEMENTS OF SPEECH** 3.0 Units

Emphasis on individual abilities and needs in achieving effective verbal communication in daily life, business situations, and community activities.

E 31969 Lec Tue 6:30-9:50 807 CLARK 01/31-05/22 OP EP1

This is a PACE Course. Enrollment priority will be given to PACE students.

**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: ENGL 1A.

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**COMM 48 ACTIVITIES IN FORENSICS** 1.0 Units

Intercollegiate competition in the areas of public speaking, debate, and oral interpretation. Other activities include performance in workshops, festivals, concerts readings and the community.

D 31905 Lec Tue 2:30-4:10 810 AMES 01/17-05/25 GR 001

Lab By Arr 2.0 Hrs/Wk tba

As a condition of enrollment for this class, students will be required to sign an agreement to conform to a code of conduct.

**COMM 4902 COMMUNICATION 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, specific tutor techniques, and knowledge of basic components of public speaking. Strongly recommended: COMM 1 or equivalent.

O 32588 Lec By Arr 1.0 Hrs/Wk 810 MARTINEZ 01/17-05/25 P/N 001

Lab By Arr 3.0 Hrs/Wk 810

**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 32554 Lec TTh 10:30-11:45 810 MARTINEZ 01/17-05/25 OP 001

**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 home-based careers and trends, electronic computing issues, terminology, electronic communication skills, ethics, security, and netiquette in today’s business computing environment.

D 30252 Lec TTh 10:30-11:45 1611 LANDEROS 01/17-05/25 GR 001

Lab TTh 11:50-12:15 1611

D 30389 Lec MW 10:30-11:45 1611 WHITEHEAD 01/17-05/25 GR 002

Lab MW 11:50-12:15 1611

O 32101 By Arr 4.0 Hrs/Wk ONLINE O TOOLE 01/17-05/25 GR ON1

O 32581 By Arr 4.0 Hrs/Wk ONLINE CHUN 01/17-05/25 GR ON2

CAS 50-ON1 & ON2 is an online class with no required on-campus meetings.

**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: CAS 50, CAS 72E, or CSCI 8.

D 30618 Lec TTh 8:30-9:20 1611 CLINE 01/17-05/25 GR 001

Lab TTh 9:30-10:20 1611

O 31233 By Arr 9.0 Hrs/Wk ONLINE PHILLIPS 01/17-03/08 GR EN1

CAS 54A-EN1 is an online course, with no required on-campus meetings.

**CAS 54B MICROSOFT EXCEL II** 3.0 Units

Advanced spreadsheet applications using Excel to create a variety of advanced spreadsheets with emphasis on business application programs. Prepares students to take the Microsoft Office Specialists (MOS) expert level certification. Strongly recommended: CAS 50 or CAS 54A.

O 31253 By Arr 8.0 Hrs/Wk ONLINE PHILLIPS 03/12-05/15 GR EN1

CAS 54B-EN1 is a late start online course, with no required on-campus meetings.

**CAS 55 MICROSOFT OFFICE INTEGRATION** 3.0 Units

Develop a beginning/intermediate level of skills using the Microsoft Office features of Word, Excel, Access, PowerPoint to design, produce and integrate: documents, worksheets, databases and professional presentations. This course emphasizes workplace communications and information processing skills and standards. Students will complete integrated projects that apply technology to business tasks and represent what is required in an actual business environment using the components of Microsoft Office. Prerequisites: CAS 50 or CAS 54A and 88A or CAS 72D, 72E, 72F and 72G. (Combined credit for CAS 55, 61, and 88A may not exceed 12 units.)

O 32100 By Arr 4.0 Hrs/Wk ONLINE WONG 01/17-05/25 GR ON1

CAS 55-ON1 is an online class with no required on-campus meetings.

**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: CAS 50 or CAS 72G.

D 3294 Lec MW 1:00-1:50 1611 CHUN 01/17-05/25 GR 001

Lab MW 2:00-2:50 1611

**CAS 72A ELEM COMP KEYBOARDING I** 1.0 Units

Introduction to the computer keyboard for developing correct keyboarding skills.
CAS 72B  ELEM COMP KEYBOARDING II  1.0 Units
Computer keyboard skill development for improving keyboarding accuracy and speed. Introduction to word processing techniques will also be taught including introduction to basic word processing techniques. Strongly recommended: CAS 72A.  
O 30525  By Arr  6.7 Hrs/Wk  ONLINE LANDEROS  01/18-03/09 P/N EN1
CAS 72B-EN1 is an online course with no required on-campus meetings.

CAS 72C  COMP KEYBOARDING III  1.0 Units
Self-paced computer keyboard review for improving keyboarding accuracy and speed. Strongly recommended: CAS 72A or CAS 72B.  
O 31324  By Arr  6.7 Hrs/Wk  ONLINE CLINE   03/19-05/16 P/N EN2
CAS 72C-EN1 is a late start online course with no required on-campus meetings.

CAS 72D  INTRO TO MICROSOFT WORD  1.0 Units
Introduction to word processing using Microsoft Word. Strongly recommended: CAS 72A or CAS 72B.  
D 32302  By Arr  6.7 Hrs/Wk  ONLINE REINOSA  01/18-03/09 P/N EN1
CAS 72D-EN1 is an online course with no required on-campus meetings.

CAS 72E  INTRO TO MICROSOFT EXCEL  1.0 Units
Introduction to spreadsheets using Microsoft Excel. Strongly recommended: CAS 72A and CAS 72B.  
D 30522  By Arr  6.7 Hrs/Wk  ONLINE REINOSA  03/19-05/16 P/N EN2
CAS 72E-EN2 is a late start, online course with no required on-campus meetings.

CAS 72F  INTRO TO MICROSOFT POWERPOINT  1.0 Units
Introduction to presentations using Microsoft PowerPoint. Strongly recommended: CAS 72A or CAS 72B.  
O 30524  By Arr  6.7 Hrs/Wk  ONLINE LANDEROS  01/18-03/09 P/N EN1
CAS 72F-EN1 is an online course with no required on-campus meetings.

CAS 72G  INTRO TO MICROSOFT ACCESS  1.0 Units
Introduction to data bases using Microsoft Access. Strongly recommended: CAS 72A or CAS 72B.  
O 32466  By Arr  6.7 Hrs/Wk  ONLINE WONG   03/19-05/16 P/N EN2
CAS 72G-EN1 is a late start online course with no required on-campus meetings.

CAS 72J  TEN-KEY  1.0 Units
Self-paced ten-key course using the computer numeric keypad.
O 30526  By Arr  6.7 Hrs/Wk  ONLINE LANDEROS  01/18-03/09 P/N EN1
CAS 72J-EN1 is an online course with no required on-campus meetings.

CAS 72K  BUS ENGLISH SKILLS I  1.0 Units
Self-paced Business English course focusing on English fundamentals as applied to business documents.  
O 31440  By Arr  6.7 Hrs/Wk  ONLINE BRICHACEK  01/18-03/09 P/N EN1
CAS 72K-EN1 is an online course with no required on-campus meetings.

CAS 72L  BUS ENGLISH SKILLS II  1.0 Units
Continuation of self-paced Business English course focusing on English fundamentals as applied to business documents. Strongly recommended CAS 72K.  
O 32359  By Arr  6.7 Hrs/Wk  ONLINE BRICHACEK  03/19-05/16 P/N EN1
CAS 72L-EN1 is a late start, online course with no required on-campus meetings.

CAS 72P  INTRODUCTION TO WINDOWS  1.0 Units
Self-paced course focusing on the fundamentals of the latest version of Microsoft operating system; working with Windows programs; customizing the Desktop; and managing files and folders. Previous computer and keyboarding skills are highly desirable.
O 32504  By Arr  6.7 Hrs/Wk  ONLINE WHITEHEAD  01/18-03/09 P/N EN1
CAS 72P-EN1 is an online course with no required on-campus meetings.

CAS 72Q  MICROSOFT OUTLOOK  1.0 Units
Learn the basics of using Microsoft Outlook. Use Outlook email features to sendreceive, reply to and forward email messages. Find out how to format, track messages and create auto-signatures. Learn to utilize the office clipboard, attach files to messages and open and save attached files. Discover how to use the calendar feature, manage contacts, and work with tasks.
O 32505  By Arr  6.7 Hrs/Wk  ONLINE WHITEHEAD  03/19-05/16 P/N EN1
CAS 72Q-EN1 is a late start, online course with no required on-campus meetings.

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: CAS 72A, and 72B. (Combined credit for CAS 55, 61, and 88A may not exceed 12 units.)  
D 3076c  TTh   1:00 1:50 1611 LANDEROS  01/17-05/25 GR 001
O 32322  By Arr  9.0 Hrs/Wk  ONLINE REINOSA  01/18-03/08 GR EN1
CAS 88A-EN1 is an online course with no required on-campus meetings.

CAS 88B  MICROSOFT WORD II  3.0 Units
Advanced word processing techniques using Microsoft Word to produce complex business letter, memos, reports, tables, long documents, table of contents, advanced document formatting; including linking documents to other Microsoft Office applications, working with advanced graphic functions, saving documents as web pages, inserting hyperlinks and macros, creating indexes and bookmarks. Prepares students to take the Microsoft Office Specialists, (MOS) expert level certifications. Strongly recommended: CAS 88A.  
O 31252  By Arr  9.0 Hrs/Wk  ONLINE O TOOLE  03/26-05/17 OP EN1
CAS 88B-EN1 is a late start online course with no required on-campus meetings.

CAS 92A  NETWORKING HOME & SM BUSINESS  3.0 Units
First 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 plan, install, verify and troubleshoot a personal computer and home/small business network, configure Internet applications and services, and recognize and mitigate security threats.  
E 31643  By Arr  4.5 Hrs/Wk  ONLINE PHILLIPS  01/23-03/19 OP EN1
Lab Mon 6:00 10:15 1602
E 31646  By Arr  4.5 Hrs/Wk  ONLINE PHILLIPS  03/26-05/21 OP EN2
Lab Mon 6:00 10:15 1602
CAS 92A-EN1 & EN2 is partially taught online.

CAS 92B  NETWORK SM TO MED BUS OR 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 plan, install, configure, and troubleshoot Cisco IOS devices, plan a wired net-
work 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: CAS 92A.

CAS 92C ROUTING & SWITCH IN ENTERPRISE 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 Level Network Technicians (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: CAS 92B.

CAS 92D DESIGING & SUPP COMP NETWORKS 3.0 Units
Fourth 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 Level Network Technicians (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: CAS 92C.

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.

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.

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.

CAS 103 ASSISTIVE TECHNOLOGY LAB 1.0 Units
Support and individualized instruction in access technology 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.

CAS 92B-EN1 & EN2 is partially taught online.

CAS 92C-EN1 & EN2 is partially taught online.

CAS 92D-EN1 & EN2 is partially taught online.

CAS 100-EN1 & EN2 is partially taught online.

CAS 101-EN1 & EN2 is partially taught online.

CAS 102-EN1 & EN2 is partially taught online.

CAS 103-EN1 & EN2 is partially taught online.

CAS 104 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: MTH 55, 55B, 55L, 55L3 or 54L. (Completed with a grade of “C” or higher) or an appropriate skill level demonstrated through the Mathematics Assessment process, or CAS 141 (Completed with a grade of “C” or higher).

CAS 141 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: MTH 55, 55B, 55L, 55L3 or 54L. (Completed with a grade of “C” or higher) or an appropriate skill level demonstrated through the Mathematics Assessment process, or CAS 141 (Completed with a grade of “C” or higher).
DHYG 50C DENTAL HYGIENE ORIENTATION III 0.5 Units
Orientation for second year dental hygiene students providing information regarding scheduling for complex cases, course requirements, program policies and procedures as well as patient/clinical competencies. **Prerequisite:** **DHYG 81A.**

**DHYG 51 GENERAL AND ORAL PATHOLOGY 4.0 Units**
Oral pathology and dysfunctions of systems of the body which directly affect the oral cavity. Significance of oral and general pathology in relationship to treatment by the dental hygienist. **Corequisite:** **DHYG 51** (completed with a grade of “C” or higher).

**DHYG 52B ADVANCED PERIODONTICS 1.0 Units**
Continuation of 52A. Research-based comprehensive periodontal therapy. Focus on systemic diseases and their relationship to periodontal disease and adjunct periodontal treatment modalities through the use of evidence-based research and case studies. **Prerequisite:** **DHYG 52A (completed with a grade of “C” or higher).**

**DHYG 55A DENTAL MATERIALS 1.0 Units**
General and specialty practice materials and techniques. **Prerequisite:** **DHYG 69A (completed with a grade of “C” or higher).**

**DHYG 56B COMMUNITY DENTAL HEALTH II 1.0 Units**
Continuation of Dental Hygiene 56A. Individual and community oral health problems, with emphasis on the dental hygienist as a resource person. **Prerequisite:** **DHYG 56A (completed with a grade of “C” or higher).**

**DHYG 73 EDUCATIONAL THEORIES DHYG CARE 1.5 Units**
Basics of research processes associated with clinical dental hygiene practice. Teaching, learning, and research processes. Application of principles for patient education. Identification of effective environments for teaching and learning. **Prerequisites:** **DHYG 69A and 71A. Corequisites:** **DHYG 69B and 71B.**

**DHYG 74B DENTAL RADIOGRAPHY II 1.5 Units**
Continuation of clinical experience in exposing films, group and individualized criticism of mounted films; principles of Panographic radiology; special patient needs; occlusal and pedodontic surveys; emphasis on radiographic interpretative skills. **Prerequisite:** **DHYG 74A (completed with a grade of “C” or higher).**

**DHYG 75 MEDICAL EMERGENCIES 1.0 Units**
Prevention, recognition and management of medical emergencies that occur in the dental setting. **Corequisite:** **DHYG 69B and DHYG 71B.**

**DHYG 80B ADVANCED CLINICAL TOPICS 1.0 Units**
Development of skills and knowledge in dental hygiene therapy and disease control with emphasis on comprehensive patient care. **Prerequisite:** **DHYG 80A (completed with a grade of “C” or higher). Corequisite:** **DHYG 81B, 82B and 83.**
DIGM 31A PHOTOSHOP I 1.5 Units
Introduction to the use of Photoshop software for creating and editing digital images. Topics include retouching and restoration of photographs, color management, digital painting, and preparing images for printing.

D 32460 Lec TTh 2:00 2:50 908 SCHAEFFER 03/20-05/17 OP E01
Lab TTh 3:00 4:50 908

DIGM 32A ILLUSTRATOR I 1.5 Units

D 32461 Lec TTh 2:00 2:50 908 SCHAEFFER 01/24-03/15 OP E01
Lab TTh 3:00 4:50 908
E 32462 Lec TTh 6:30 7:20 908 SCHAEFFER 01/17-05/25 OP 071
 Lab TTh 7:30 9:20 908

DIGM 35A DREAMWEAVER I 1.5 Units
Introduction to the basic skills required for designing and producing Web pages and multi-page Web sites, providing a foundation for eventual creation of interactive, multimedia Web sites. Hand-coding HTML, and Cascading Style Sheets; using Dreamweaver software as a site design and management tool.

D 31180 Lec MW 12:00 12:50 908 SCHAEFFER 01/23-03/14 OP E01
Lab MW 1:00 2:50 908

DIGM 35B DREAMWEAVER II 1.5 Units
Continuation of the content and skills introduced in Digital Media 35A (Dreamweaver I), with emphasis on using Dreamweaver in collaboration with other multimedia applications (such as Photoshop, Illustrator, and Flash) to create media-rich Web sites. Devising intuitive navigation schemes; incorporating sounds and motion into a Web page. Prerequisite: DIGM 35A (completed with a grade of ‘C’ or higher). Strongly recommended: DIGM 31A, 32A, 34A or 36A (completed with a grade of ‘C’ or higher).

D 31425 Lec MW 12:00 12:50 908 SCHAEFFER 03/19-05/16 OP E01
Lab MW 1:00 2:50 908

DIGM 36A FINAL CUT I 1.5 Units
Introduction to video editing using Apple’s Final Cut Pro software (or its simpler counterpart, Final Cut Express). 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 a firewire hard drive and a set of headphones or earbuds.

D 30999 Lec MW 9:00 9:50 908 SCHAEFFER 01/23-03/14 OP E01
Lab MW 10:00 11:00 908

DIGM 40 INDIV PROJECTS/DIGITAL MEDIA 1.0 Units
Individual projects in digital media at the intermediate to advanced level. Development of knowledge and skills acquired in previous or current work with emphasis on current projects involving animation, interactive scripting, illustration, photo manipulation, video editing, website development, or some combination of these. Enrollment by portfolio or permission of instructor.

D 31666 Lab By Arr 4.0 Hrs/Wk 908 SCHAEFFER 01/17-05/25 OP 001

EARLY CHILDHOOD DEVELOPMENT

ECD 50 ECD PRINCIPLES AND PRACTICES 3.0 Units
Historical and contemporary systems of Early Childhood group care, career opportunities, licensing requirements, professional qualifications, differing orientations to early childhood education, developmental stages of young children as related to quality programs that have developmentally appropriate and inclusive curriculum.

D 30419 Lec TTh 9:00 10:15 3521 KELLEY 01/17-05/25 GR E01
E 30145 Lec Mon 6:30 9:20 558 OGMAN 01/17-05/25 OP 071
S 31833 Lec Sat 8:30 5:20 505 OGMAN 01/21-03/03 GR E82

ECD 52 CHILDHOOD AND ADOLESCENCE 3.0 Units
Concentrating on the portions of the lifespan from middle childhood continuing through adolescence and addressing both typical and atypical children. Biological changes such as puberty, brain, cognitive development, changes in family and peer relationships, and identity development will be explored. Includes an understanding of the various contexts in which this age group develops, such as family, peer groups, school, and work. Emphasis on the continuity, observation, scientific methods, and stages of development.

O 30147 By Arr 3.0 Hrs/Wk tba OZDEMR 01/17-05/25 GR ON1
ECD 52-ON1 is an online class with no required on-campus meetings.

ECD 54 CHILD HEALTH/SAFETY/NUTRITION 3.0 Units
Aspects of nutrition, health and safety that promote and maintain the health and wellbeing of all children and adults who work with young children. Topics include health and nutritional guidelines, maintaining safe and healthy learning environments, state regulations, policies and procedures, common childhood illnesses, infectious diseases, school-family collaboration and emergency preparedness, first aid and injury prevention.

O 32022 By Arr 3.0 Hrs/Wk tba RODRIGGS 01/17-05/25 OP ON1
ECD 54-ON1 is an online class with no required on-campus meetings.

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 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 32435 Lec MW 9:00 10:15 3521 MCGREGOR 01/17-05/25 GR 001
D 32436 Lec TTh 10:30 11:45 558 KELLEY 01/17-05/25 GR 002
E 32437 Lec Tue 6:30 9:20 506 OGMAN 01/17-05/25 OP 071
S 32438 Lec Sat 9:00 11:50 506 CALOCA 01/17-05/25 GR 082
ECD 60 - YOUNG CHILD/EXCEPTIONAL NEEDS 3.0 Units
Introduction to educational philosophies for educating infants and children with exceptional needs. Typical and atypical developmental characteristics and abilities in infants and preschoolers. Assessments, interventions, and learning environments for the infant and preschooler with exceptional needs. Prerequisite: ECD 56 (completed with a grade of “C” or higher).

E 30148 Lec Mon 6:30 9:20 559 HA 01/17-05/25 GR 071

ECD 62 - CHILD, FAMILY AND COMMUNITY 3.0 Units
Patterns of family living in contemporary society, including the varying roles and interactions of family members; demographic, socio-cultural, racial, economic and developmental factors affecting family life and their implications; relationships of the family to early care and education and to community resources.

D 31483 Lec TTh 10:30 11:45 507 OGMAN 01/17-05/25 GR 001
E 30274 Lec Mon 6:30 9:20 3521 SHERRY 01/17-05/25 GR 071
O 31836 By Arr 3.0 Hrs/Wk tba OZDEMIR 01/17-05/25 GR ON1
ECD 62-ON1 is an online class with no required on-campus meetings.
S 32023 Lec Sat 12:00 2:50 559 MCCREGOR 01/17-05/25 GR 082

ECD 63 - EARLY CHILDHOOD CURRICULUM 4.0 Units
Professional application of the principles of human growth and development in the study of play based inclusive curriculum, the physical environment and learning experiences including program content, the use of materials, the facilitation and guidance of all children's experiences based on developmentally appropriate principles, the methods used to meet all children's physical, social, emotional, cognitive, and creative needs within a cultural context. Prerequisite: ECD 50 and ECD 56 (both completed with a grade of “C” or higher).

D 31049 Lec MW 12:00 1:15 3521 SHERRY 01/17-05/25 GR 001
E 30726 Lec Tue 6:30 9:20 3521 OZDEMIR 01/17-05/25 GR 071

ECD 68 - PROGRAM SUPERVISION 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: ECD 62 and 63 (completed with a grade of “C” or higher).

E 31650 Lec Th 6:30 9:20 559 OGMAN 01/17-05/25 GR 071

ECD 79 - TEACH IN A DIVERSE SOCIETY 3.0 Units
Critical examination of societal and personal attitudes and beliefs, values, assumptions and biases about culture, race, language, identity, family structures, ability, socio-economic status and other issues influenced by systemic oppression. Ethnic/cultural groups referenced within course from the United States of America, including African American, Asian American, Chicano/Latino, European American, Indigenous People of the Americas and Middle Eastern origin. Recognize and confront barriers that interfere with one’s ability to work effectively with diverse populations of children and families. Enhance teacher’s skills for educating children in a pluralistic society.

E 31844 Lec Tue 6:30 9:20 559 KELLEY 01/17-05/25 OP 071

ECD 87 - QUALITY ENVRNMNT INFNT/TODDLR 3.0 Units
Observation and analysis of infant/ toddler classrooms. Design of interior and exterior learning environment to meet developmental needs of children birth to 36 months. Using observations and developmental charts, students will plan appropriate learning experiences for infants and toddlers. Influence of responsive and culturally sensitive relationships with children and their parents on children’s development. Strongly recommended: ECD 67.

E 30152 Lec Wed 6:30 9:20 502 RODRIGGS 01/17-05/16 GR E71
Class meets on the following dates: Jan 18; Feb 1; Mar 7; Apr 4; May 2 and 16.

ECD 88 - EARLY CHILDHOOD ENVIRONMENTS 0.5 Units
Assessing the early childhood learning environment and analyzing the outcomes helps early childhood professionals to improve the quality of their programs. Students will understand and use the Early Childhood Environment Rating Scale (ECERS) to assess the physical environment, basic care, curriculum, schedule, program, child teacher interaction and parent and staff education of a child care setting.

S 31186 Lec Sat 8:30 12:45 503 OGMAN 03/10-03/10 GR 082
Lec Sat 1:00 5:15 503

ECD 89 - ISSUES IN ECE 2.0 Units
Series of workshops offered on a variety of topics, which are current and relevant to early childhood professionals.

E 31845 Lec Mon 6:30 8:20 506 LONG 01/17-05/25 GR 001
Lab By Arr 6.0 Hrs/Wk tba OZDEMIR 01/17-05/25 GR ON1
Lab WM 6:00 8:50 805
ECD 90-ON1 is a hybrid course. Class meets on the following dates: 1/18, 2/27, 3/19, 4/23, 5/14/2012. 102 lab hours will be done during the day with a mentor teacher, MW - 3 p.m. - 5:50.

ECD 90 - PRACTICUM/SUPERVISE EXPERIENCE 4.0 Units
Direct practicum working with young children. Observation and evaluation of individual children, group activities, and roles of adults in the program. Planning appropriate learning experiences, developing educational plans, planning family conferences, and discussion of on-site experiences. Prerequisite: ECD 63 (completed with a grade of C or higher).

E 30150 Lec TTh 1:00 1:50 3521 SHERRY 01/17-05/25 GR 001
Lab By Arr 6.0 Hrs/Wk tba
E 30684 Lec By Arr 2.0 Hrs/Wk tba OZDEMIR 01/17-05/25 GR ON1
Lab WM 6:00 8:50 805
ECD 90-ON1 is a hybrid course. Class meets on the following dates: 1/18, 2/27, 3/19, 4/23, 5/14/2012. 102 lab hours will be done during the day with a mentor teacher, MW - 3 p.m. - 5:50.

ECD 91 - ADAPTIVE CURR EXCEPTIONAL NEED 3.0 Units
Direct experience working with young children in special day classes or inclusive settings: application of best practices of both the fields of early childhood development and special education in adapting curriculum to meet the individual needs of children within an inclusive classroom setting. Observation of the assessment process by the special education team and assisting in the implementation of the educational plan. Prerequisite: ECD 60 and 90 (completed with a grade of C or higher).

E 31845 Lec Mon 6:30 8:20 506 LONG 01/17-05/25 GR 071
Lab Fri 9:00 11:50 506 GR
ECD 91 - ADAPTIVE CURR EXCEPTIONAL NEED 3.0 Units
Current (within past 2 years) TB clearance required on the first day of class. Instructor will arrange lab hours at first class meeting, Monday, January 23, 2012.

ECD 95 - WORK EXPERIENCE 1.0 Units
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: ECD 96.

O 30151 Mon 15:0 Hrs TBA tba RODRIGGS 01/17-05/25 GR ON1
TB clearance required if doing lab hours at the Children’s Center. Students will complete lab hours at their work site or with a mentor teacher. Limited hours at Early Childhood Lab Center.

ECD 96 - WORK EXPERIENCE SEMINAR 1.0 Units
Discussion and analysis of problems often encountered by employees at the workplace. Application of National Association for the Education of Young Children (NAEYC) Code of Ethical Conduct to difficult situations that occur at the job site. Develop and complete measurable developmentally appropriate goals in early care and education settings. Corequisite: ECD 95.

E 31520 Lec Wed 6:30 9:20 502 RODRIGGS 01/17-05/16 GR E71
Class meets on the following dates: Jan 18; Feb 1; Mar 7; Apr 4; May 2 and 16.
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. Strongly recommended: English 1A eligibility. Prerequisite: MTH 54 or 55 or 55L or 55Y (completed with a grade of C or higher) or an appropriate skill level demonstrated through the mathematics assessment process.

ESYS 50 INTRO-ELECTRONIC SYSTEMS TECH 2.0 Units
Introduction to electronic systems and circuits. Overview of career opportunities and job duties with electronic systems technology. Direct current and alternating current circuits including Ohm’s law and Kirchhoff’s laws. Measurement and characterization of electronic systems, data collection, and troubleshooting techniques. Laboratory practice includes the proper use of standard test instruments.

ESYS 53 PERSONAL COMPUTER SYSTEMS 2.0 Units
Preparation for the CompTIA A+ Essentials certification exam. Basic computer hardware and operating systems, covering skills such as installation, building, upgrading, repairing, configuring, troubleshooting, optimizing, diagnosing and preventive maintenance, with additional elements of security and soft-skills. The Essentials Exam validates the basic skills needed by any entry-level service technician regardless of job environment.

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

ESYS 55A MICROCONTROLLER SYSTEMS 2.0 Units
Architecture, programming, application and troubleshooting of single-chip microcontroller electronic systems. Digital building blocks, number systems, programming in high-level and assembly language. Interfacing the microcontroller for practical applications, measurement techniques and instrumentation, troubleshooting techniques. Co-requisite: ESYS 50 or equivalent.

ESYS 55B DIGITAL LOGIC SYSTEMS 2.0 Units
Architecture, programming, application and troubleshooting of complex programmable logic device (CPLD) electronic systems. Includes programming in VHDL. Digital building blocks, number systems, Boolean algebra, combinational and sequential logic, integrated logic families, digital circuit measurement techniques and instrumentation, troubleshooting techniques. Prerequisite: ESYS 55A or equivalent.

ESYS 55C COMMUNICATION NETWORK SYSTEMS 2.0 Units
Networking, administration, setup, and installation. Includes part, but not all, of the objectives for the Network+ certification exam. Review of major network components: hardware, software, protocols (TCP/IP), topologies, and cabling. Overview of LAN administration, setup, and installation.

ESYS 56 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 EIA and ISCET Certified Electronic Technician exam. Prerequisite: ESYS 54 and INDT 74 or equivalent or eligibility for MTH 55.

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.

ESYS 59 COMMUNICATION NETWORK SYSTEMS 2.0 Units
Introduction to communications concepts, data communications, networking, and internetworking. Includes part, but not all, of the objectives for the Network+ certification exam. Review of major network components: hardware, software, protocols (TCP/IP), topologies, and cabling. Overview of LAN administration, setup, and installation.
### ENGR 11 ENGINEER DESIGN AND ANALYSIS

**2.0 Units**

An introduction to the engineering design process from a practical and professional perspective. Student teams work on a term-long engineering project that entails the creation of a design for a useful object with moving parts that require the application of some external power source. Conceptual and Critical/ Final design reviews require teams to describe and justify the effectiveness, and likely customer acceptance, of the design. The student designer: select materials, components, sources of supply; produce detailed estimate for the production-cost. When needed students use engineering software tools (such as MATLAB) to assess and predict the kinematic, structural, thermal, electrical, fluid-flow, wear/corrosion, and magnetic performance of the proposed design. Students are encouraged to build from the design plans a form-and-fit mock-up, or if possible a fully functioning prototype. Strongly recommended: ENGR 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. Basic 3D-modeling. Strongly recommended: MTH 36 or 36Y or 37 or 38 and ENGL 1A or 52A.

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This course is part of an Engineering Cohort, in collaboration with the Alameda County Workforce Investment Board and Growth Sector, to create more engineers to meet industry demand. For more information about the program please contact the Science & Math Division, Chasity Whiteside at chasitys@chabotcollege.edu

### ENGR 25 COMPOSITES ENGINEER/SCIENCE

**3.0 Units**


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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. **Prerequisites: CHEM 1A, ENGR 25 and PHYS 4A (all completed with a grade of ‘C’ or higher). CAN 4.**

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### 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. **Prerequisites: ENGL 101B, 102, or appropriate skill level demonstrated through English assessment process.**

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Chabot College • Spring 2012 Class Schedule

510.723.6600 • www.chabotcollege.edu
### ENGL 4 CRITICAL THINK/WRITE LIT

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

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### ENGL 7 CRITICAL THINK/WRITE ACROSS

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

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This is a PACE Course. Enrollment priority will be given to PACE students.

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### ENGL 9 COLLOQUIUM-ENGLISH

1.0 Units

Practical workshop training in the managing, editing, and printing of a literary supplement and/or magazine. Workshop enrollment constitutes the staff of the magazine.

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### ENGL 11 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. Strongly recommended: Eligibility for ENGL 1A.

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### ENGL 12 CRAFT OF WRITING - FICTION

3.0 Units

Practice in writing fiction. Developing internal and external sources for stories and novels. Analysis and criticism of published writing and individual's own work. Strongly recommended: Eligibility for ENGL 1A.

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</tr>
</tbody>
</table>

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### ENGL 13 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: Eligibility for ENGL 1A.

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<th>Room</th>
<th>Instructor</th>
<th>Dates</th>
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<td>D 31372</td>
<td>Lec</td>
<td>MW</td>
<td>12:00-1:15</td>
<td>356</td>
<td>ZAPPA</td>
<td>01/17-05/25</td>
<td>OP</td>
<td>001</td>
</tr>
</tbody>
</table>
ENGL 21  EVOLUTION OF THE BLACK WRITER  3.0 Units
Introduction to American black writers in fiction, poetry, drama, short story and the essay, beginning with the African experience as it relates to storytelling, to "Slave Narratives" and continuing to the present. Emphasis on the 20th and 21st century writers' growth and development in relation to their historical and cultural context. Strongly recommended: Eligibility for ENGL 1A.

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<th>Room</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>D 30212</td>
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<td>TTh</td>
<td>1:30 to 2:45</td>
<td>855</td>
<td>WORTHINGTON</td>
<td>01/17-05/25</td>
<td>P/N</td>
<td>001</td>
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</tbody>
</table>

ENGL 26  LIT IMMIGRATION/MIGRATION  3.0 Units
Introduction to literature that reflects the diverse experience of immigrating to and migrating within the United States. Focus on historical, political, social, and cultural background and issues of assimilation and identity. Strongly recommended: Eligibility for ENGL 1A.

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<td>10:30 to 11:45</td>
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<td>TENN</td>
<td>01/17-05/25</td>
<td>GR</td>
<td>001</td>
</tr>
</tbody>
</table>

ENGL 30  SURVEY OF U.S. LITERATURE  3.0 Units
Survey of U.S. literature 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 time as they are reflected in the literature. Includes some research. Strongly recommended: Eligibility for ENGL 1A or 52A.

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<th>Instructor</th>
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<td>TTh</td>
<td>6:30 to 7:50</td>
<td>506</td>
<td>WILSON</td>
<td>02/02-05/24</td>
<td>OP</td>
<td>EPI</td>
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</table>

ENGL 45  STUDIES IN FICTION  3.0 Units
Form, development, and cultural insights of the novel and short story. Exploration of particular themes or periods as reflected in works of fiction. Strongly recommended: Eligibility for ENGL 1A.

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<tbody>
<tr>
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<td>7:30 to 8:45</td>
<td>501</td>
<td>HERN</td>
<td>01/17-05/25</td>
<td>P/N</td>
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</tbody>
</table>

ENGL 4913  GAY AND LESBIAN LITERATURE  3.0 Units
Introduction to novels, poems, plays and essays by and about gay men and lesbians. Analysis of this literature in the context of the gay and lesbian social and political movements of the 19th, 20th, and 21st centuries and evolving societal attitudes toward homosexuality. Strongly recommended: Eligibility for ENGL 1A.

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<th>Instructor</th>
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<td>SANSOME</td>
<td>01/17-05/25</td>
<td>P/N</td>
<td>003</td>
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</table>

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.

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<td>MAGALLON</td>
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<td>P/N</td>
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</table>

ENGL 101B READING, REASONING, WRITING II  4.0 Units
Second semester study of academic reading, reasoning, and writing skills. Preparation for academic reading, critical thinking, and writing expected in transfer and associate-degree classes. 

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<td>LUCK</td>
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<td>P/N</td>
<td>011</td>
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</table>

ENGL 102 READ/REASON/WRITE-ACCELERATED  4.0 Units
Preparation for academic reading, critical thinking, and writing expected in transfer and associate-degree classes. Strongly recommended: Participation in the English placement process.

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<td>PUCKETT</td>
<td>01/17-05/25</td>
<td>P/N</td>
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</table>

Codes: OP: Student can take for letter grade or credit/no credit  C/N: Must take for credit  GR: Must take for grade  D: Day Class  E: Evening Class  S: Saturday Class
Center, located at 1449 Williams Street, San Leandro. (This is a short-term class with the final exam held on the last class session.)

ENGL 107 INTERTO ENGLISH GRAMMAR 3.0 Units
Formal instruction in grammar combined with practical application to writing. Strategies for taking apart, examining, and constructing English sentences in order to better express ideas in writing.

ENGL 110A REVIEW BASIC ENGLISH-ESL 6.0 Units
A comprehensive review of the structure of the simple English sentence, short writing assignments, and reading fiction and non-fiction. Reinforces fluency in reading and writing.

ENGL 110B INTERMEDIATE READING & WRITING 6.0 Units
Logical paragraph development, reading both fiction and nonfiction; emphasis on the development of vocabulary and grammatical structures of written English. Prerequisite: A grade of pass in ESL 110A (or eligibility for ESL 110B demonstrated through ESL Placement Process).

ENGL 115 LEARNING SKILLS/DIAGNOSTIC CLI 1.0 Units
Determination of eligibility for learning skills services through diagnostic testing. State-mandated tests. Focus on compensatory methods as derived from test results.

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

ENGL 117 LEARNING SKILLS - READING 4.0 Units

ENGL 118A LEARNING SKILLS: READ/WRITE 3.0 Units

ENGL 118B LEARNING SKILLS: READ/WRITE 3.0 Units
For students who have completed 118A. Emphasis on elements of the writing process and review of reading and compensatory strategies.

ENGL 119 LEARNING SKILLS - PROB SOLVING 3.0 Units
Preparation for problem-solving success in college. Emphasis on quantitative reasoning abilities needed to process and integrate word problems and related problem-solving tasks. Prerequisite: ENGL 116 (may be taken concurrently) and recommendation of ENGL 116 instructor.

ENGL 119 LEARNING SKILLS - PROB SOLVING 3.0 Units
Preparation for problem-solving success in college. Emphasis on quantitative reasoning abilities needed to process and integrate word problems and related problem-solving tasks. Prerequisite: ENGL 116 (may be taken concurrently) and recommendation of ENGL 116 instructor.

ENGL 121 LEARNING SKILLS: STRATEGIES 2.0 Units

ENGLISH AS A SECOND LANGUAGE

ESL 108 BASIC SPELLING FOR ESL 1.0 Units
Basic sound/spelling patterns of English. Develops an understanding of the sounds and symbols of English, including open/closed syllables, short and long vowel sounds, consonant cluster sounds, spelling of homophones and other problem words in everyday English. Includes basic dictionary use.

ESL 110A REVIEW BASIC ENGLISH-ESL 6.0 Units
A comprehensive review of the structure of the simple English sentence, short writing assignments, and reading fiction and non-fiction. Reinforces fluency in reading and writing.

ESL 110B INTERMEDIATE READING & WRITING 6.0 Units
Logical paragraph development, reading both fiction and nonfiction; emphasis on the development of vocabulary and grammatical structures of written English. Prerequisite: A grade of pass in ESL 110A (or eligibility for ESL 110B demonstrated through ESL Placement Process).

ESL 110C HIGH INTERMEDIATE READ/WRITING 6.0 Units
Expository paragraphs and short essays, fiction and non-fiction reading; emphasis on the development of vocabulary and grammatical structures of written English. Prerequisite: A grade of pass in ESL 110B (or eligibility for ESL 110C demonstrated through the ESL Placement Process).
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<th>CRN</th>
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<td>455</td>
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<td>6:30 9:20</td>
<td>801</td>
<td>HUGARD</td>
<td>01/17-05/25</td>
<td>P/N</td>
<td>071</td>
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</table>

**ESL 110D ADVANCED READING & WRITING** 6.0 Units
Expository essays, critical reading; emphasis on advanced development of vocabulary and grammatical structures of written English. **Prerequisite:** A grade of pass in ESL 110C (or eligibility for ESL 110D demonstrated through the ESL Placement Process).

**ESL 11A PRONUNCIATION** 2.0 Units
Oral English with emphasis on strategies for clear pronunciation.

**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.

**ESL 114 EDITING FOR THE ADV ESL WRITER** 2.0 Units
Use of standard written English to develop personal strategies for self-editing. Designed to ease the transition between explicit ESL instruction and the fluency demands of mainstream English curriculum. Strongly Recommended: Eligibility for ESL 110D or eligibility for English 101A demonstrated through the English Placement Process.

**ESL 127 ESL PRONUNCIATION LAB** 0.5 Units
Individual practice producing and responding to oral English with emphasis on clear pronunciation.

**ESL 128 FACULTY-STUDENT TUTORIAL - ESL** 1.0 Units
Self-paced, individualized instruction in academic English oral and written communication skills for students who speak English as a second language. Focus on writing, reading, listening, and speaking skills needed in college courses.

**ESL 149M BASIC ESL SUPP-CAREER TECH ED** 0.5 Units
Development of vocational and academic oral and written communication skills for students who speak English as a second language. Emphasis on the development of technical vocabulary, reading, listening, and writing skills. **Prerequisite:** A grade of pass in ESL 110B (or eligibility for ESL 110C demonstrated through the ESL Placement Process).

**ESL 149N INTERMED ESL SUPPORT-TECH ED** 0.5 Units
Continued development and refinement of vocational and academic oral and written communication skills for students who speak English as a second language. Emphasis on the development of technical vocabulary, reading, listening, and writing skills. **Prerequisite:** A grade of pass in ESL 149M.

**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.

**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.

**ENTR 30 THE BUSINESS PLAN** 3.0 Units
Development and presentation of a “ready to take to the bank for funding,” “realistic, and ready to implement business plan.” Business plan components will include a business concept, industry and market analysis, a marketing and organizational plan, operations plan, funding plan, and financial projections.

**ETHNIC STUDIES**

**ES 3 INTRO MUSLIM-AMERICAN STUDIES** 3.0 Units
An examination of the diversity of Muslim communities in the United States with an emphasis on comparing and contrasting their histories, cultures and experiences. Topics include: patterns of migration; religious beliefs and practice; acculturation and assimilation; political involvement; education and employment; 9/11 and its aftermath; relations with the broader Muslim world.

**FILM**

**FILM 50 BEGINNING FILM PRODUCTION** 3.0 Units
Introduction to the history and theory of filmmaking as an artist medium through lectures, screenings, demonstrations, and hands-on practicum. Critical analysis and appreciation of production elements and development of skills in pre-production planning, digital cinematography, direction of actors, sound design, art direction, and post-production.

**FILM 89 SPECIAL STUDIES IN FILM** 0.5 Units
Individual projects in Digital Video (DV) film production at the intermediate to advanced level. Development of knowledge and skills acquired in previous or current work with emphasis on current projects involving writing, producing, directing, cinematography, sound recording/sound design, lighting, art direction, production design, editing, or some combination of these. **Prerequisite:** Two of the following courses: FILM 14, FILM 50, FILM 60 (completed with a grade of B or higher).

**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 de-
## Chabot College • Spring 2012 Class Schedule

### 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.**

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<th>Room</th>
<th>Instructor</th>
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<tr>
<td>D</td>
<td>Lec</td>
<td>Mon</td>
<td>8:00-11:55</td>
<td>1560</td>
<td>BUELL</td>
<td>01/17-04/23</td>
<td>EN1</td>
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<tr>
<td>Lab</td>
<td>Sat</td>
<td>6:00 hrs TBA</td>
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*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, January 23.*

### 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.**

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<th>Instructor</th>
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<td>9:00-11:50</td>
<td>1560</td>
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<td>01/17-04/25</td>
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*Two six-hour Saturday lab sessions; dates and location to be announced.

### 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.**

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<th>Instructor</th>
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<tr>
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<td>6:00-8:50</td>
<td>1564</td>
<td>ZOLFARELLI</td>
<td>01/17-04/25</td>
<td>GR001</td>
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### FT 55 FIRE PROTECTION EQUIPMENT & SYS 3.0 Units

- **Features of design and operation of fire alarm systems, smoke detection systems, water-based fire suppression systems, special hazard fire suppression systems; means and adequacy of required exiting systems; installation and maintenance of automatic, manual, and other private fire-extinguishing equipment, heat and smoke control systems; water supply for fire protection and portable fire extinguishers.**

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<th>CRN</th>
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<th>Day[s]</th>
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<td>7:00-9:50</td>
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<td>ZALINSKIS</td>
<td>01/17-04/25</td>
<td>GR001</td>
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### FT 89 FIREFIGHTER I-ACADEMY INTRO 0.5 Units

- **Orientation and evaluation of the necessary knowledge, skills and abilities to succeed in the Firefighter 1 Academy (FT 90A, 90B and 90C). Physical fitness and hand-eye coordination skills evaluation. Prerequisites: FT 50, 51, 52; PHED 2FSC or equivalent firefighter physical conditioning training HLTH 81 (or proof of enrollment in an AMT program at another institution) - All courses completed with a grade of “C” or higher. Strongly recommended: MTH 65 or 65A and eligibility for ENGL 1A.**

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<th>Instructor</th>
<th>Dates</th>
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<td>5:00-8:50</td>
<td>2904</td>
<td>BUELL</td>
<td>05/07-04/31</td>
<td>P/N</td>
<td>E71</td>
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### FT 90A FIREFIGHTER I CERT PREP I 2.0 Units

- **Development of individual skills and basic knowledge necessary to perform the functions of a firefighter. Practice in donning breathing apparatus, knot tying, placing ladders, pulling hose, making water supply connections and using the incident command system. Students will be required to pass a physical examination by a licensed medical doctor. Prerequisites: FT 50, 51, 52 and 89; PHED 2FSC or equivalent firefighter physical conditioning training HLTH 81 or proof of current completion of an Emergency Medical Technician Program from another institution. (All courses completed with a grade of “C” or higher; FT 89 completed with P before student may register for 90A).**

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<tr>
<th>CRN</th>
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<th>Day[s]</th>
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<th>Room</th>
<th>Instructor</th>
<th>Dates</th>
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<tbody>
<tr>
<td>S</td>
<td>Lec</td>
<td>Sat</td>
<td>8:30-11:45</td>
<td>*081</td>
<td>BUELL</td>
<td>01/17-04/21</td>
<td>P/N</td>
<td>E72</td>
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*FT 90A, Section E71 is an off-campus class that meets at the Alameda County Fire Department, 890 Lola, San Leandro (offsite room code “081).*

### FT 90B FIREFIGHTER I CERT PREP II 2.0 Units

- **Continuation of skills and basic knowledge necessary to perform the functions of a firefighter, engineer and captain within a fire attack team. Practice in donning breathing apparatus, knot tying, placing ladders, pulling hose, making water supply connections and using the incident command system. Prerequisite: FT 90A (completed with a grade of “C” or higher).**

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*FT 90B, Section E71 is an off-campus class that meets at the Alameda County Fire Department, 890 Lola, San Leandro (offsite room code “081).*

### FT 90C FIREFIGHTER I CERT PREP III 2.0 Units

- **Continuation of skills and basic knowledge necessary to perform the functions of a fire attack team, in multiple company exercises, which include: hose and ladder evolutions, salvage and overhaul techniques; fire attack, control and extinguishment techniques for various situations. Firefighter-1 Graduation Certificate awarded upon successful completion. Students with six months paid experience or 12 months volunteer/work experience may apply for the State Certificate, with proof of current completion of a valid Emergency Medical Technician Program. Prerequisite: FT 90B (completed with a grade of “C” or higher).**

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*FT 90C, Section E71 is an off-campus class that meets at the Alameda County Fire Department, 890 Lola, San Leandro (offsite room code “081).*

### 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 by the 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 suppression techniques. Provides S130 and S190 equivalency under National Wildfire Coordinating Group (NWCG), IS-700.a under the National Wildfire Coordinating Group (NWCG), IS-890 Lola, San Leandro (offsite room code “081). Prerequisite: FT 90A or 90B).**

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*510.723.6600 • www.chabotcollege.edu*
### 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 31855 Lec TTh 9:00-11:15 351 PARRISH 01/17-05/25 OP
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. Students must have an email account and Internet access before the first meeting.

O 31860 By Arr 6.0 Hrs/Wk ONLINE PARRISH 01/17-05/25 OP
FRNC 1A-ON2 is an online course with no required on-campus meetings.

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

D 31857 Lec MW 12:00-2:15 351 PARRISH 01/17-05/25 OP
By Arr 1.0 Hrs/Wk ONLINE
FRNC 1B-ON1 is a hybrid course with lectures conducted on-campus and one hour lab over the Internet. Students must have an email account and Internet access before the first meeting. 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: FRNC 1B (completed with a grade of “C” or higher).**

D 31858 Lec MW 10:00-11:50 351 PARRISH 01/17-05/25 OP
By Arr 1.0 Hrs/Wk ONLINE
FRNC 2A-ON1 is a hybrid course with lectures conducted on-campus and one hour lab over the Internet. Students must have an email account and Internet access before the first meeting. 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: FRNC 2A (completed with a grade of “C” or higher).**

D 31899 Lec MW 10:00-11:50 351 PARRISH 01/17-05/25 OP
By Arr 1.0 Hrs/Wk ONLINE
FRNC 2B-ON1 is a hybrid course with lectures conducted on-campus and one hour lab over the Internet. Students must have an email account and Internet access before the first meeting. To begin, go to http://www.chabotcollege.edu/online and click the course website. For more information, contact cparrish@chabotcollege.edu

### GENERAL STUDIES

**GNST 11 EXPLORING EDUCATION**

3.0 Units

Introduction to the field of teaching and education. Directed observations of elementary, middle, and secondary classrooms. Examination of changing issues in education and their implications on teaching practice and theory. Math and Science teaching methods will be assessed.

D 32367 Lec MW 12:00-12:50 2112 Staff - Sc 01/17-05/25 OP
TPI Lab By Arr 3.0 Hrs/Wk tba
This course is part of the East Bay Teacher Pathways Program. For more information, please contact the Science & Math Division Chasity Whiteside at cwhiteside@chabotcollege.edu

**GNST 31 WOMEN’S SPIRITUALITY**

3.0 Units

A cross-cultural look at the women’s spirituality movement in the U.S. and abroad. Examination of reformist aspects of this movement as they impact religions such as Christianity, Islam, Judaism, Buddhism and /or Hinduism. Also focus on the reclamation of pre-Christian and indigenous spiritual systems of Europe and the Americas. Explores text, ritual, music, and film. Strongly recommended: Eligibility for English 1A.
**GEOG 115 FACULTY-STUDENT TUTORIAL/WRAC** 3.0 Units
Preparation in English for success in college or career. Self-paced, individualized instruction in reading and writing effectiveness.

**D 31475 Lab** By Arr 3.0 Hrs/Wk 2351 WOLFORD 01/17-05/25 P/N 001
Self-paced, individualized instruction in reading comprehension and writing effectiveness. GEOG 115 is currently closed to online registration. To register for these sections, go to the WRAC Center located in the 300, Room 354 during the first through eighth week of the semester. WRAC Center hours: Mon-Thurs 9:00-4:00 p.m. Questions? Email info@chabotcollege.edu or call (510)723-7175.

**D 32552 Lab** By Arr 3.0 Hrs/Wk tba NIJJAR 01/17-05/25 P/N 003
This is a PACE Course. Enrollment priority will be given to PACE students.

**GEOG 1 INTRO TO PHYSICAL GEOGRAPHY** 3.0 Units
Earth’s natural environments, with emphasis on spatial characteristics, change over time, interactions between environmental components, and human-environment interactions. Physical processes, techniques, and tools by which Earth’s climates, soils, vegetation, water resources, and land forms are linked into integrated global patterns. Field trips may be included.

**D 30375 Lec** MW 9:00 10:15 505 YOUNESSI 01/17-05/25 GR 001
**D 30444 Lec** MW 10:30 11:45 505 YOUNESSI 01/17-05/25 GR 002
**D 30766 Lec** MW 12:00 1:15 505 PLONDKE 01/17-05/25 GR 003
**D 30164 Lec** TTh 9:00 10:15 505 SENGUPTA 01/17-05/25 GR 004
**D 31655 Lec** TTh 10:30 11:45 505 SENGUPTA 01/17-05/25 GR 005
**D 30685 Lec** TTh 1:30 2:45 505 PLONDKE 01/17-05/25 GR 006
**E 30165 Lec** Tue 6:00 8:50 505 DE VERDI 01/17-05/25 GR 071
**E 30490 Lec** Mon 6:00 8:50 505 DE VERDI 01/17-05/25 GR 071

This is a PACE Course. Enrollment priority will be given to PACE students.

**GEOG 11 INTRO TO PHYS GEOG LABORATORY** 1.0 Units
Application of the concepts, techniques, tools, and materials of physical geography. Practical exercises, experiments, observations, data analyses, computer applications/simulations, and use of maps, remotely-sensed imagery, and geographic information systems. Includes locational reference systems, time-space relationships, weather, climate, soils, vegetation, and landforms. Field trips/field projects may be included. Prerequisite: GEOG 1 (may be taken concurrently).

**D 30350 Lab** Mon 1:30 4:20 507 PLONDKE 01/17-05/25 GR 001
**D 30494 Lab** Tue 1:30 4:20 507 Staff - So 01/17-05/25 GR 002
**E 30491 Lab** Mon 9:00 9:50 507 DE VERDI 01/17-05/25 GR 001

This is a PACE Course. Class meets Monday evenings from 9-9:50 p.m. and every other Saturday Jan 21; Feb 4, 25; Mar 10, 24; Apr 7, 21; May 5, 19; from 8-11:50 a.m. Enrollment priority will be given to PACE students.

**GEOG 2 CULTURAL GEOGRAPHY** 3.0 Units
Spatial analysis of human populations, their cultural traits, and activities. Emphasis on how diverse peoples, through their interactions and through their perceptions and use of the physical environment, create distinctive cultural landscapes. Field trips may be included.

**D 30166 Lec** MW 9:00 10:15 505 PLONDKE 01/17-05/25 GR 001

**GEOG 5 WORLD REGIONAL GEOGRAPHY** 3.0 Units
Regions of the world and the way the humans live within those regions. Includes physical and cultural characteristics of world regions, how they are similar and how they are different, economic patterns, agriculture, industrial development and population dynamics. Emphasis on contemporary major issues and their geographic impact.

**D 30765 By Arr 3.0 Hrs/Wk 507 PLONDKE 01/17-05/25 GR 001
GEOG 5-011 is an online course with two required on-campus meetings, Wednesday, Jan 20 and May 19, 6:00-7:15 pm, room 507.

**GEOG 10 GOBALENVIRONMENTALPROBLEMS** 3.0 Units
Essential concepts of the interaction between human activities and the changing global environment, with emphasis on a multidisciplinary approach. Course of environmental change, the history of human population growth and demand for natural resources, economic and public policy issues pertaining to environmental sustainability.

**D 32502 Lec** TTh 10:30 11:45 405 PLONDKE 01/17-05/25 GR 001

**GEOG 12 GEOGRAPHY OF CALIFORNIA** 3.0 Units
California’s physical, cultural, and regional elements. The physical geographic base includes: location; geological evolution, geomorphic provinces, natural hazards and resources, climate, water resources, vegetation, and soils. Historically developed cultural themes: Native American and Hispanic origins; migration patterns, and settlements; population growth, and ethnic diversity; land use and economic activities; and Pacific Rim connections. Human environment interactions and issues are considered throughout the course. Field trip may be included.

**D 3081 Lec** TTh 12:00 1:15 505 GERSHKENSON 01/17-05/25 GR 001

**GEOG 21 SPATIAL ANALYSIS WITH GIS** 3.0 Units
GIS facilities visualization of spatial relationships and decision-making by means of interactive linkages between vector and raster data formats. Addresses real-world application of GIS principles, industry-standard software tools and quantitative techniques to multi-layered thematic data. Students will acquire advanced hands-on GIS experience in managing, editing, merging, intersecting, and statistically analyzing spatial data from many diverse sources, and in preparing high-quality cartographic presentations. Field trips may be required. Prerequisite: GEOG 20 (completed with a grade of C or higher).

**E 32503 Lec** Tue 6:30 9:20 507 PLONDKE 01/17-05/25 GR 001

**HEALTH**

**HLTH 1 INTRODUCTION TO HEALTH** 3.0 Units
Physiological, psychological, and social perspectives of health. Emphasis on knowledge, attitudes and behaviors that will contribute to a healthy individual.

**D 30445 Lec** MW 9:00 10:15 1908 LOFFT 01/17-05/25 OP 001
**D 30099 Lec** MW 10:30 11:45 1908 CIRERA-PEREZ 01/17-05/25 OP 002
**D 31082 Lec** MW 12:00 1:15 1908 LOFFT 01/17-05/25 OP 003
**D 30933 Lec** TTh 1:30 2:45 1904 CALCAGNO 01/17-05/25 OP 004
**D 30339 Lec** TTh 9:00 10:15 1908 MILLER 01/17-05/25 OP 005
**D 3097 Lec** TTh 10:30 11:45 1908 GRACE 01/17-05/25 OP 006
**D 31365 Lec** TTh 1:30 2:45 1904 CALCAGNO 01/17-05/25 OP 007
**D 31478 Lec** TTh 3:00 5:05 225 MEADS 02/13-05/14 OP 001

**HLTH 1, Section SL1 is an off-campus course that meets at Chabot College-San Leandro Center, located at 1448 Williams Street, San Leandro. This is a short-term class with the final exam held on the last class session.**

**E 30100 Lec** Wed 6:00 8:50 2254 CLASSMAN 01/17-05/25 OP 071
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**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. Prerequisite: Health 61.

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**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.

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**HLTH 51B DISEASE PROC/ADV MED TERM** 4.0 Units

Introduction to the nature of disease and to structural and functional changes of diseases as they affect the systems of the body; discussion of causes, symptoms and treatment of disease. Prerequisite: HLTH 51A (completed with a grade of "C" or higher).

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**HLTH 60 RESPONDING TO EMERGENCIES** 1.0 Units

Development of knowledge and skills for recognizing and caring for emergency situations. Include healthy and prevention of illness and injury. Designed to meet the needs of individuals in the community who frequently provide emergency situations. Include healthy and prevention of illness and injury. Designed to meet the needs of individuals in the community who frequently provide First Aid. Successful completion of the knowledge and skills tests qualifies for a National Safety Council First Aid and Adult CPR card.

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**HLTH 61 EMERGENCY RESPONSE** 2.5 Units

Development of knowledge and skills necessary for recognizing and caring for emergency situations, including cardiopulmonary resuscitation, prevention of disease transmission and automated external defibrillation. Designed for First Responders in an emergency. Successful completion of the knowledge and skills test qualifies for an American Heart Association Healthcare Provider CPR course card and Emergency Response card from the National Safety council.

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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. Textbooks must be purchased prior to the first day of class. Please read the first two chapters and Appendix 6 in the First Responder text. Please read the first 5 chapters of BLS text prior to the first day of class.

**HLTH 85 EMERG MED TECH-BASIC REFRESHER** 1.5 Units

Provides training in the foundation skills and knowledge required of the EMT-1 scope of practice. The EMT-1 certification is the minimum requirement for ambulance attendants and most entry level firefighter positions. EMT certification is also required for entry into paramedic training. This training program is accredited by the Alameda County Emergency Medical Services District. Corequisite: Health 83. Prerequisite: Health 61 (completed with a grade of "C" or higher).

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**HLTH 83 PATIENT STABL, EXTRIC & TRIAGE** 0.5 Units

Patient stabilization techniques to include safe patient extrication from a simulated motor vehicle accident. Includes triage for multi-casualty incident/disaster management. Corequisite: Health 81.

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<td>S 30447</td>
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<td>03/31-03/31 P/N</td>
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This course is one day only.

**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.
**HIS 2 WESTERN CIVILIZATION SINCE 1600** 3.0 Units
History of the Modern Western World; Romanticism and the Industrial Revolution to the present.

D 31189 Lec MW 10:30-11:45 502 STEPHENS 01/17-05/25 GR 001
E 32238 Lec Mon 6:30-9:20 553 STEPHENS 01/17-05/25 GR 071
D 32572 Lec Wed 2:00-5:00 566 MONIZ 01/17-05/25 GR AN1

**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 borderlands, exploration and travel, gender and class will be studied.

D 31846 Lec MW 9:00-10:15 553 STEPHENS 01/17-05/25 OP 001

**HIS 7 US HISTORY THROUGH RECONSTRUCT** 3.0 Units
A survey of United States history from its pre-colonial, indigenous origins through the end of Reconstruction. Emphasis on (1) distinctively American patterns of political, economic, social, intellectual and geographic developments, (2) the interaction amongst and the experiences of diverse racial, ethnic and socioeconomic groups in American History, and (3) the evolution of American institutions and ideals including the U.S. Constitution, representative democratic government, the framework of California state and local government, and the relationships between state/local government and the federal government.

D 31190 Lec MW 9:00-10:15 558 LINN-DOWNS 01/17-05/25 GR A01
D 31191 Lec MW 10:30-11:45 555 LINN-DOWNS 01/17-05/25 GR A02
D 31193 Lec MW 12:00-1:15 558 LINN-DOWNS 01/17-05/25 GR A03
D 31194 Lec MW 1:20-2:35 554 WOLFDOR 01/17-05/25 GR A04
D 31195 Lec TTh 9:00-10:15 553 NIDEROST 01/17-05/25 GR A05
D 31196 Lec TTh 12:00-1:15 552 NIDEROST 01/17-05/25 GR A06
D 31481 Lec TTh 1:00-2:15 554 WOLFDOR 01/17-05/25 GR A07
D 31494 Lec MW 3:00-4:15 555 Staff - So 01/17-05/25 GR A08
E 31197 Lec Tue 7:00-8:50 552 LOTTIER 01/17-05/25 GR A71
E 31199 Lec MW 7:00-8:35 552 LOTTIER 01/23-05/16 AE1
O 31200 By Arr 3.0 Hrs/Wk tba THOMPSON 01/17-05/25 GR AN1
O 31385 By Arr 3.0 Hrs/Wk tba ORTIZ 01/17-05/25 GR AN4
D 31495 By Arr 3.0 Hrs/Wk tba ORTIZ 01/17-05/25 GR AN3
HIS 7-ANI & AN2 & AN3 is an online course with required on-campus meetings.
O 31225 By Arr 3.0 Hrs/Wk tba ORTIZ 01/17-05/25 GR APN
HIS 7-APN is an online course with no required on-campus meetings. Enrolment priority will be given to PACE students.

**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 groups that include at least three of the following groups: African-Americans, Chicano/Latino Americans, Asian Americans, European Americans, Native Americans, and Middle Eastern Americans. Gender and socioeconomic diversity 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 borderlands, exploration and travel, gender and class will be studied.

D 31201 Lec MW 9:00-10:15 559 THOMPSON 01/17-05/25 GR A01
D 31205 Lec TTh 9:00-10:15 559 THOMPSON 01/17-05/25 GR A02
D 31849 Lec TTh 9:00-10:15 551 YEAGER 01/17-05/25 GR A03
D 31989 Lec TTh 10:30-11:45 551 YEAGER 01/17-05/25 GR A04
D 31206 Lec TTh 1:30-2:45 559 LOTTIER 01/17-05/25 GR A05
E 31203 Lec Tue 7:00-9:50 553 NIDEROST 01/17-05/25 GR A71
E 31207 Lec Mon 6:30-9:30 551 MONIZ 01/23-05/14 GR AE1
O 31208 By Arr 3.0 Hrs/Wk tba YEAGER 01/17-05/25 GR AN1
O 31204 By Arr 3.0 Hrs/Wk tba YEAGER 01/17-05/25 GR AN2
O 31470 By Arr 3.0 Hrs/Wk tba YEAGER 01/17-05/25 GR AN3

**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 31519 Lec MW 1:30-2:45 552 DINWIDDIE 01/17-05/25 GR 001
D 32355 Lec TTh 12:00-1:15 559 KENSINGER 01/17-05/25 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.

D 31518 Lec TTh 10:30-11:45 805 SILVER 01/17-05/25 GR 001
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<tr>
<td></td>
<td>HUMAN 65</td>
<td>THE AMERICAN STYLE</td>
<td>3.0 Units</td>
<td>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.</td>
<td>E 31228 Lec  Th</td>
<td>6:30-9:50</td>
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<td>KENSINGER</td>
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<td>HUMAN 68</td>
<td>WORLD MYTHOLOGY</td>
<td>3.0 Units</td>
<td>Introduction to mythic themes recurring in global literature, the visual arts, and music; gods, humans, heroes; their origins, variations, historical development, and full expression in classical times and continued presence in the arts. (Formerly HUMAN 28)</td>
<td>D 31482 Lec  MW</td>
<td>10:30-11:45</td>
<td>805</td>
<td>SHANNON</td>
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<td>INTD 74</td>
<td>MEASUREMENTS &amp; CALCULATIONS</td>
<td>3.0 Units</td>
<td>Calculator techniques for whole number and decimal arithmetic problem solving, fraction-decimal conversion, percentages, ratio and proportion, algebra, geometry, areas and volumes. English metric conversion, and numerical trigonometry as applied in the industry.</td>
<td>E 32351 Lec  MW</td>
<td>4:30-5:45</td>
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<td>INTD 52</td>
<td>HIST OF INTERIORS/FURNISHINGS</td>
<td>3.0 Units</td>
<td>A survey of the history of interiors and furnishings from Egyptian period to the present. Emphasis on furniture styles and ornamentation.</td>
<td>D 32463 Lec  Th</td>
<td>1:30-4:20</td>
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<td>INTD 62</td>
<td>KITCHEN AND BATHROOM DESIGN</td>
<td>3.0 Units</td>
<td>Survey of the field of kitchen and bathroom designs. Includes resources, materials, trends, costs and needs, both functional and aesthetic.</td>
<td>D 32111 Lec  Th</td>
<td>9:00-9:50</td>
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<td>INTD 68</td>
<td>CAD ARCHITECTURE &amp; INT DESIGN</td>
<td>3.0 Units</td>
<td>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.</td>
<td>D 3098 Lec  Th</td>
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<td>INTD 70</td>
<td>ADV KITCHEN AND BATH DESIGN</td>
<td>3.0 Units</td>
<td>National Kitchen and Bath (NKBA) planning guidelines and NKBA Access Standards for kitchen and bath. Emphasis on designing a universal kitchen and universal bath. Creation of working documents to design a kitchen and bath from its beginning to completion. Prerequisite: Interior Design 62.</td>
<td>E 32600 Lec  Th</td>
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<td>JAPANESE</td>
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<td>5.0 Units</td>
<td>Further study of Japanese-speaking cultures of the world featuring the acquisition of the four language skills (listening, speaking, reading, and writing) of Japanese begun in JAPN 1A. Prerequisite: JAPN 1A (completed with a grade of “C” or higher).</td>
<td>D 30630 Lec  Th</td>
<td>1:00-3:55</td>
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**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 3222 Lec  TTh | 12:00-1:50 | 119  | MORRISON | 05/17-05/25 | 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 31302 Lec  Tue | 6:30-8:20 | 1615  | ABSHER  | 01/17-05/25 | GR  | 071 |

**MTT 60A MACHINE TOOL TECHNOLOGY I** | 4.0 Units | Introduction to machine tool operations relating to precision measuring tools, layout methods, screw threads, benchmark, drill presses, bandsaws, 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 30631 Lec  MW | 1:00-2:35 | 1560  | ABSHER  | 01/18-02/16 | GR  | 01 |
|      | 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: MTT 60A (completed with a grade of “C” or higher). Strongly recommended: Industrial Technology 74. | D 30048 Lec  MW | 1:00-2:35 | 1560  | ABSHER  | 03/21-05/21 | GR  | 01 |
|      | MTT 63A INDIVIDUAL PROJECTS | 2.0 Units | Design, development, and fabrication of selected projects for the machine tool technology major to develop special entry-level job skills. Strongly recommended: Machine Tool Technology 60A. | D 30632 Lec  MW | 9:00-11:50 | 1402  | ABSHER  | 01/18-03/16 | GR  | 01 |
|      |                |                |                | Lab MW | 2:40-4:00 | 1402  |        |                |                |
|      |                |                |                | Lab Fri | 8:30-1:00 | 1402  |        |                |                |
|      |                |                |                | E 30049 Lec  Mon | 6:30-8:20 | 1616  | Staff  | Ap 01/17-05/25 | GR  | 071 |
|      |                |                |                | Lab Mon | 8:30-10:20 | 1402  |        |                |                |
|      |                |                |                | Lab Wed  | 6:30-10:20 | 1402  |        |                |                |

**JAPANESE 1B** | 5.0 Units | Further study of Japanese-speaking cultures of the world featuring the acquisition of the four language skills (listening, speaking, reading, and writing) of Japanese begun in JAPN 1A. Prerequisite: JAPN 1A (completed with a grade of “C” or higher). | D 30632 Lec  MW | 9:00-11:50 | 1402  | ABSHER  | 01/18-03/16 | GR  | 01 |
<p>|      |                |                |                | Lab MW | 2:40-4:00 | 1402  |        |                |                |
|      |                |                |                | Lab Fri | 8:30-1:00 | 1402  |        |                |                |
|      |                |                |                | E 30633 Lec  Mon | 8:30-10:20 | 1402  | Staff  | Ap 01/17-05/25 | GR  | 071 |
|      |                |                |                | Lab Wed  | 6:30-10:20 | 1402  |        |                |                |</p>
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**MTT 63B ADVANCED INDIVIDUAL PROJECTS** 2.0 Units  
Continuation of Machine Tool Technology 63A. Selected projects to provide certain specialized skills required for job seeking, job advancement, or skill specialization. Strongly recommended: Machine Tool Technology 60A.

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**MTT 65 PRODUCTION PRACTICES** 4.0 Units  
Introduction to design and fabrication of production-type tooling such as jigs, fixtures, and gauges as applied in industry. Emphasis on tool design practices, techniques, set-up procedures, and inspection of production parts.  
**Prerequisite:** MTT 60B (completed with a grade of “C” or higher).

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**MTT 66 BASIC TOOLMAKING** 4.0 Units  
Toolroom grinding, precision measurement, precision boring, steels and heat treating, carbide cutting tools, job estimating, and basic die-making theory.  
**Prerequisite:** MTT 65 (completed with a grade of “C” or higher).

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

**MASS COMMUNICATIONS**

**MCM9 COLLOQUIUM-MASSCOMMUNICATIONS** 1.0 Units  
Special projects in Radio and TV to further skills in broadcasting.

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**MCOM 14 WRITING & PHOTO PUBLICATION** 1.0 Units  
Journalism, photojournalism, content development, and production for the weekly college newspaper.

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**MCOM 15 PUBLICATIONS/EDITORIAL** 3.0 Units  
Journalism, photojournalism, content development, and production for the college newspaper. Production of the college newspaper, including writing, business management, graphic arts, leadership, and editing.  
**Recommended:** Eligibility for ENGL 1A or ENGL 52A.

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**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 MCOM 3 has been completed.)

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**MCOM 41 INTRO TO MASS COMMUNICATIONS** 3.0 Units  
History of the press and mass media; the political, social and economic impact of the press on government and public opinion.  
(May not receive credit if MCOM 5 has been completed.)

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**MCOM 43 ADVERTISING SALES & MEDIA MANAGEMENT** 4.0 Units  
Introduction to broadcast advertising sales from research through the sales presentation to airing the commercial campaign. Broadcast and cable station man-
agreement objectives, procedures and problems pertaining to daily operations; and the managerial perspective of departments within broadcast and cable stations. (May not receive credit if MCOM 8 has been completed.)

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. Tele-prompser usage, projection of personality, voice control, pronunciation and more. (May not receive credit if MCOM 32 has been completed.)

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.

MCOM 58 KCRH RADIO EXPERIENCE 3.0 Units
Practical experience in radio programming, including music, audio production techniques, promotions, news, live sports, and underwriting sales. Experience in broadcast operation of KCRH 89.9-FM. Prerequisite: MCOM 50 (completed with a grade of "C" or higher). (MCOM 36 and 58 may be taken a combined total of four times.)

MCOM 59 ADV KCRH RADIO EXPERIENCE 3.0 Units
Advanced experience in radio broadcast operation of KCRH 89.9-FM; including creating your own show, music, programming, audio production techniques, promotions, news, live sports, and underwriting sales. Prerequisite: MCOM 58 (completed with a grade of "C" or higher).

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. (MCOM 33A and 60 may be taken a combined total of four times.)

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: MCOM 60. (MCOM 33B and 61 may be taken a combined total of four times.)

MTH 1 CALCULUS I 5.0 Units
Limits and continuity, differentiation of algebraic and trigonometric functions, the definite integral. Prerequisite: MTH 20 (completed with a grade of "C" or higher) or an appropriate skill level demonstrated through the Mathematics assessment process.

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

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: MTH 2 (completed with a grade of "C" or higher). CAN MTH 22, SEQ C

MTH 4 ELEM DIFFERENTIAL EQUATIONS 3.0 Units
Introduction to differential equations, including first and second order equations, series solutions, Laplace transforms, applications. Prerequisite: MTH 2 (completed with a grade of "C" or higher).

MTH 6 ELEMENTARY LINEAR ALGEBRA 3.0 Units
Introduction to linear algebra: matrices, determinants, systems of equations, vector spaces, linear transformations, eigenvalue, eigenvectors, applications. Prerequisite: MTH 2 (completed with a grade of "C" or higher).

MTH 8 DISCRETE MATHEMATICS 4.0 Units
Sets, relations and functions; logic, methods of proof, induction; combinatorics, recursion, recurrence relations and complexity of algorithms; graphs and trees; logic circuits; automata. Designed for majors in mathematics and computer science. Prerequisite: MTH 1 (completed with a grade of "C" or higher). CAN CSCL 26

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: MTH 31 or MTH 20 (completed with a grade of "C" or higher) or an appropriate skill level demonstrated through the Mathematics Assessment process.

MTH 16 APPLIED CALCULUS II 3.0 Units
Techniques of integration; multivariable calculus of trigonometric functions; differential equations; Taylor polynomials, Applications in business, economics and the life and social sciences. Prerequisite: MTH 36 or 37 and MTH 15 (all completed with a grade of "C" or higher) or an appropriate skill level demonstrated through the Mathematics Assessment process.

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: MTH 36 or 37 (completed with a grade of "C" or higher) or appropriate skill level demonstrated through the Mathi-
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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 circuitry, biology, thermal systems, fluid systems, and other branches of science and engineering. **Prerequisite:** MTH 1. Strongly recommended: CAS 8 or CSCI 8. May not receive credit if ENGR 25 or PHYS 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 general form, polynomial and logarithmic equations. **Prerequisite:** MTH 54 or 54L or MTH 55 or 55L or MTH 55B (completed with a grade of “C” or higher) or 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:** MTH 55, 55L or MTH 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 MTH 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:** MTH 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 ENGL 1A. May not receive credit if MTH 35 has been completed.

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**MTH 54 APPLIED INTERMEDIATE 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:** MTH 65 or MTH 65B or MTH 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 MTH 54L has been completed.

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**MTH 54L APP INT ALGEBRA WITH LAB** 5.5 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, linear, quadratic and other polynomial functions; solution of exponential and logarithmic equations. Includes laboratory and study group to reinforce and enhance the learning of applied intermediate algebra skills. **Prerequisites:** MTH 65 or MTH 65B or MTH 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 MTH 54L has been completed.

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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: MTH 65 or MTH 65B or MTH 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 MTHs 55A and MTH 55B or MTH 55L have been completed. These courses may require you to purchase access to an online mathematics learning environment.

Chabot College • Spring 2012 Class Schedule
MUSA 11A JAZZ IMPROVISATION I
2.0 Units
Major scales, chord construction, and development of melodic and intervalic concepts used in contemporary styles of jazz improvisation. Jazz literature for small groups of the post Bob era. Enrollment by audition or permission of instructor.

D 31525 Lab TTh 10:30-11:45 170 PALACIO 01/17-05/25 GR 001
Lab By Arr 4.0 Hrs/Wk tba

MUSA 11B JAZZ IMPROVISATION II
2.0 Units
Exotic scales, altered chord construction, and development of model and intervalic concepts used in avant garde jazz improvisation. Techniques used in composing and arranging for small ensembles. Prerequisite: MUSA 11A (completed with a grade of C or higher).

D 31722 Lab TTh 10:30-11:45 170 PALACIO 01/17-05/25 GR 001
Lab By Arr 4.0 Hrs/Wk tba

MUSA 20B GUITAR II
1.0 Units
Development of skills in guitar performance, notation, literature. Emphasis on further development of technique and performance. Prerequisite: MUSA 20A (completed with a grade of C or higher). (completed with a grade of "C" or higher) or equivalent.

D 30016 Lab Wed 12:00-1:20 2340 BENKMAN 01/17-05/25 GR 001
Lab By Arr 2.4 Hrs/Wk tba

MUSA 21M CLASS PIANO FOR MAJORS
1.0 Units
Skills development for music majors and minors in playing major and minor scales, diatonic chord progressions, treble and bass clef reading, and simple hands together part playing. Strongly recommended: Music Literature, Theory, and Musicianship (MUSL) 2A.

D 32210 Lec Wed 5:30-7:20 908 SCHULTZ 01/17-05/25 GR 071
Lab Wed 7:30-9:20 908
Lab By Arr 2.0 Hrs/Wk tba

MUSA 22A JAZZ PIANO I
1.0 Units
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: Music 6.

D 30990 Lab MW 10:30-11:20 2340 PALACIO 01/17-05/25 OP 001
Lab By Arr 2.0 Hrs/Wk tba

MUSA 22B JAZZ PIANO II
1.0 Units
Development of skills in jazz piano performance, notation, literature. Emphasis on further development of technique and performance. Prerequisite: MUSA 22A (completed with a grade of "C" or higher) or equivalent.

D 32016 Lab Mon 10:30-11:20 2340 Staff - Fi 01/17-05/25 OP 001
Lab By Arr 2.4 Hrs/Wk tba

MUSIC RECORDING TECHNOLOGY
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**Notes:**
- **MUSA 24A** MUSIC PRACTICUM I/VOICE
  - Specialized study of voice or instrument.
  - Designed for music major or minor to increase opportunities in individualized study of voice or instrument.
  - Prerequisite: MUSA 23A (completed with a grade of "C" or higher).

- **MUSA 24A** MUSIC PRACTICUM I/PIANO
  - Development of skills in vocal performance, notation, literature. Emphasis on development of technique and performance.
  - Prerequisite: MUSP 12A or 12B or 14A or 14B or 15A or 15B or 44A or 44B or 45A or 45B.

- **MUSA 24A** MUSIC PRACTICUM I/BASS
  - Further development of technique and performance.

- **MUSA 24A** MUSIC PRACTICUM I/FLUTE
  - Advanced study of voice or instrument. Designed for music major or minor to increase opportunities in individualized study of voice or instrument.
  - Corequisite: MUSA 12A or 12B or 14A or 14B or 15A or 15B or 44A or 44B or 45A or 45B.

- **MUSA 24A** MUSIC PRACTICUM I/FLUTE
  - Increase opportunities in individualized study of voice or instrument.

- **MUSA 24A** MUSIC PRACTICUM I/OBOE
  - Development of skills in vocal performance, notation, literature. Emphasis on evaluation and discernment of musical elements, forms, and repertoire.

- **MUSA 24A** MUSIC PRACTICUM I/CLARINET
  - Music for enjoyment and understanding through informed listening, analysis, evaluation and discernment of musical elements, forms, and repertoire.

- **MUSA 24A** MUSIC PRACTICUM I/BASSOON
  - Development at concerts and listening to a variety of music is required. May be offered in Distance Education delivery format.
### MUSL 2B: HARMONY AND MUSICIANSHIP II

3.0 Units

Continue diatonic harmony through part writing and ear training exercises as typified by musical practice from 1600 to the present. Continue soffeggio, chord recognition, melodic and rhythm dictation, diatonic four-part voice leading, and figured bass realization. Introduces harmonic dictation, cadential elaboration, non-dominant seventh chords, and tonicization/modulation to the dominant. **Prerequisite:** MUSL 2A (completed with a grade of "C" or higher).

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### MUSL 2D: HARMONY AND MUSICIANSHIP IV

3.0 Units

Study of advanced chromatic harmony, 20th century harmonic practices, large musical structures, style composition, harmonic, structural, and stylistic analysis, and musicianship skills including sight singing, rhythmic training, dictation, and keyboard realization. **Prerequisite:** MUSL 2C (completed with a grade of "C" or higher).

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### 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.

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### 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.

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### 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.

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### MUSIC-PERFORMANCE

#### MUSP 12A: WIND ENSEMBLE I

1.0 Units

Band repertoire of all styles and periods. Emphasis on group participation and public performance. Attendance at all scheduled performances required. Enrollment subject to a standardized audition demonstrating musical ability and technical proficiency at a level suitable to the course level.

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#### MUSP 12B: WIND ENSEMBLE II

1.0 Units

For continuing instrumentalists who want experience in performing and interpreting concert band literature. The music literature will cover all important aspects of the wind band development including original band works, transcriptions, marches and large works of all styles and periods. Emphasis on articulations, stylistic differences, and common performance practices of the various periods of music. Enrollment subject to a standardized audition demonstrating musical ability and technical proficiency at a level suitable to the course level.

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#### MUSP 13A: WIND SYMPHONY I

1.0 Units

Select and limited ensemble designed for advanced musicians seeking continuing 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. **Prerequisite:** MUSP 13A (completed with a grade of C or higher) or equivalent.

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#### MUSP 13B: WIND SYMPHONY II

1.0 Units

For continuing advanced musicians who want experience in performing and interpreting wind band literature. The music literature will cover all important aspects wind ensemble development including original band works, transcriptions, marches and large works of all styles and periods. Emphasis will also be on articulations, stylistic differences, and common performance practices of the different eras of music. Enrollment subject to a standardized audition demonstrating musical ability and technical proficiency at a level suitable to the course level. **Prerequisite:** MUSP 13A (completed with a grade of C or higher) or equivalent.

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#### MUSP 13C: WIND SYMPHONY III

1.0 Units

For continuing development of advanced instrumentalists who seek a learning laboratory in which direct application of instrumental technique is acquired. Student learning goals and objectives include the preparation and performance of wind repertory and the continued development of technical skills. Enrollment subject to a standardized audition demonstrating musical ability and technical proficiency at a level suitable to the course level. **Prerequisite:** MUSP 13B (completed with a grade of C or higher) or equivalent.

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#### MUSP 14A: JAZZ LAB I

1.0 Units

Reading, preparation and performance of contemporary jazz music. Opportunity to apply improvisation techniques in a small group setting. Enrollment subject to a standardized audition demonstrating musical ability and technical proficiency at a level suitable to the course level. Enrollment by audition only.

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#### MUSP 14B: JAZZ LAB II

1.0 Units

For continuing instrumentalists who want expertise 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. **Prerequisite:** MUSP 14A (completed with a grade of C or higher) or equivalent.

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MUSP 15B JAZZ ENSEMBLE II 1.0 Units
For continuing instrumentalists who want experience in performing and interpreting standard big band 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 arrange and compose for the orchestra as well as to conduct. Prerequisite: MUSP 15A (completed with a grade of C or higher) or equivalent.

D 31728 Lab Thh 1:00-2:30 170 PALACIO 01/17-05/25 GR 001
Lab By Arr 0.4 Hrs/Wk tba

MUSP 16B JAZZ ORCHESTRA II 1.0 Units
Jazz Orchestra II 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 arrange and compose for the orchestra as well as to conduct. Prerequisite: MUSP 16A (completed with a grade of C or higher).

E 31729 Lab Wed 7:00-9:50 170 PALACIO 01/17-05/25 GR 071
Lab By Arr 1.0 Hrs/Wk tba

MUSP 18 PERCUSSION ENSEMBLE 1.0 Units
Open to any percussionist wishing to experience ensemble playing. Topics include a variety of styles and techniques used in percussion performance. Basic music reading is required. Strongly recommended: MUSP 12A or equivalent skills.

D 31523 Lec Th 12:00-12:50 1316 STORCH 01/17-05/25 GR 001
Lec By Arr 3.0 Hrs/Wk tba

MUSP 44 CONCERT CHOIR 1.0 Units
Development of vocal and musical ability to interpret and perform the highest calibre of choral literature.

E 31443 Lec Tue 7:00-9:50 1006 Staff - F 01/17-05/25 GR 071
Lec By Arr 1.0 Hrs/Wk tba

MUSP 45 CHAMBER CHOIR 1.0 Units
Development of sufficient vocal and music ability to interpret and perform a variety of vocal chamber music. Designed for the advanced singer. Enrollment subject to a standardized audition demonstrating musical ability and technical proficiency at a level suitable to the course level.

E 32211 Lec Tue 7:00-9:50 1008 Staff - F 01/17-05/25 GR 071
Lec By Arr 1.0 Hrs/Wk tba

NURSING

NURS 53 PSYCHIATRIC NURSING 4.0 Units
Emphasis on the application of the nursing process in the care of adults requiring treatment in psychiatric facilities. Theory and clinical practice highlight the role of the nurse as a therapeutic agent (in both individual and group setting) and includes integration of biopsychosocial assessment skill, nutrition, pharmacological and crisis intervention concepts, legal-ethical issues and anger management. Prerequisite: Formal referral by the California Board of Registered Nursing for the purpose of meeting requirements for eligibility to take the licensing examination for registered nursing (NCLEX-RN) or NURS 70 (completed with a “C” or higher).

D 31769 Lec Mon 10:00-11:50 2340 BAIARDI 01/17-05/25 GR 001
Clin TW 2:45 5:40 92
Clin Th 10:00 10:50 316
offsite room *192 meets at VALLEY CARE, PLEASANTON, CA

NURS 59 NURS CARE OF THE CHILDBEAR FAM 8.5 Units
Emphasis is placed on the use of the nursing process in promoting adaptive processes necessary for coping with family health issues; theory and clinical highlight the coping mechanisms for childbearing and childbearing families. The focus is on cultural diversity and growth and development as they affect

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### NURS 60C ADULT HEALTH III 3.5 Units
Transitional skills needed by the nursing student who is completing the nursing program. Includes skills that facilitate entry into today’s nursing practice arena. **Prerequisite:** PHSI 2 and NURS 60B, 66 and all prior courses in the Associate Degree Nursing program (all completed with a grade of “CR,” “C,” or higher).

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### NURS 81 OBSTETRICAL NURSING THEORY 2.0 Units
Nursing interventions that assist the family with adaptation during the child-bearing cycle including assessments and management of the mother and newborn during the ante-partal periods, emphasis on the involvement of the total family; reproductive related health care problems of women. **Prerequisite:** NURS 55B (completed with a grade of “C” or higher).

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### NURS 82 PEDIATRIC NURSING THEORY 2.0 Units
Emphasis is placed on the nursing interventions that assist the child and family with adaptive processes necessary to cope with acute and chronic conditions affecting infants, children, and adolescents. The focus is also on medical/surgical illnesses, child abuse, and cultural diversity as they affect child care. It includes application of principles of growth and development, physical assessment skills, and pharmacological concepts unique to the child. **Prerequisite:** Valid California LVN license.

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### NURS 84 PRESCRIPTIVE CLINICAL SKILLS 0.5 Units
Gaining experience in practicing and refining selected clinical skills used in the nursing care of the patient in acute care and community based settings. **Prerequisite:** completion of NURS 55 or equivalent.

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### NURS 88 PATHOPHYSIOLOGY 3.0 Units
Pathophysiological process in selected disease states in the following systems of the human body: endocrine, renal, cardiovascular, pulmonary, gastrointestinal, and neurological. Purpose and results of supporting laboratory, radiological, and other appropriate diagnostic studies used in confirming the presence or absence of the selected disease states will be explored. Critical thinking exercise, case studies and examinations. **Prerequisites:** Successful completion of PHSI 1 and MICR 1 (or equivalent) and satisfactory completion of (or concurrent enrollment in) NURS 70 and possession of a valid California LVN license, or possession of a valid California RN license, or satisfactory completion of all required nursing courses in the first year of the nursing curriculum and concurrent enrollment in the second semester of the nursing program (NURS 75, NURS 59 or NURS 60A or Possession of a valid California LVN or RN license).

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### NURS 88L PHYSICAL ASSESSMENT 1.0 Units
Methodologies employed in Physical assessment in the clinical setting. Focus is on physical assessment techniques and advanced techniques utilized the status of neurologic, cardiac, and peripheral vascular, thoracic, musculoskeletal, integumentary, and abdominal systems. Laboratory and diagnostic tests (such as techniques of respiratory arterial blood gas analyses, pulse oximetry, and basic cardiac dysrhythmia interpretation). Health data base interviewing. **Prerequisite:** Successful completion of NURS 88 and MICR 1 (or equivalent) and: (1) satisfactory completion of (or concurrent enrollment in) NURS 69 and NURS 70, possession of a valid California LVN license, or satisfactory completion of all required nursing courses in the first year of the nursing curriculum and concurrent enrollment in the second semester of the nursing program and NURS 88, or possession of a valid California RN license.

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### NURS 75 FLUID AND ELECTROLYTES 1.0 Units
Introduction to principles of fluid and electrolyte balance. Assessment and treatment of imbalances; parenteral therapy; acid-base balance; interpretation and application of laboratory results. Satisfactory completion of all nursing courses in the first semester of the nursing curriculum (of equivalent) and concurrent enrollment in NURS 57, 58, and 59 (or 60A) and 64 or possession of a valid California RN or LVN license. California LVN license required.

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Codes: OP: Student can take for letter grade or credit/no credit  C/N: Must take for credit  GR: Must take for grade  D: Day Class  E: Evening Class  S: Saturday Class
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**NUTRITION**

**NUTR 1 NUTRITION 3.0 Units**

The basics of nutrition, including nutrients, nutritional needs, digestion/absorption, and the role of nutrition in the maintenance of health. Designed to meet the needs of students majoring in the science and/or health fields. Strongly recommended: CHEM 30A.

**PHILOSOPHY**

**PHIL 50 GOD, NATURE, HUMAN NATURE 3.0 Units**

Nature and range of philosophical inquiry in relation to everyday problems of humans as individuals, as citizen, as existing in nature, and as a creator of works of the arts and of the spirit. Analysis of primary philosophical documents that concentrate on these broad areas of a human’s concerns. Introduction to Philosophy by the Philosophers’ own works, their methods of procedure and inquiry; attention given to the development of skills for reading, analyzing, and pursuing philosophical argument.

**PHIL 60 INTRO TO PHIL: ETHICS 3.0 Units**

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. (Formerly PHIL 2)

**PHOT 60 INTER BLACK AND WHITE PHOTO 3.0 Units**

Using exposure / development controls related to black and white negative materials. Development of competent print making skills. Emphasis on visual and critical problems related to black and white photography. **Prerequisite: PHOT 50 (completed with a grade of “C” or higher).**

**PHOT 920E INTERMEDISWIMMING FOR EVERYONE 1.0 Units**

Intermediate Swimming for Everyone is designed for students whose schedules do not allow enrollment in the traditional swim class setting.

**PHOT 925F SWIMMING FOR FITNESS 1.0 Units**

Designed as a cardiovascular activity, students will utilize a variety of strokes to increase strength and fitness.

**PHOT 925W SWIMMING-BEGINNING/INTERMED2 1.0 Units**

Learn to swim or practice your skills. Instruction and practice of the most funamental elements of swimming and safety skills.

**PHOT 925X TRAIN COMPT SWIMMING & DIVING 1.5 Units**

Training for competitive swimming and water polo.

**PHYSICAL EDUCATION – DANCE**

**PHED 920D HIP HOP DANCE 0.5 Units**

A combination of jazz and funk combined with dance movements. Students will learn the fundamentals of today’s dances which are commonly used in music videos.

**PHED 921A JAZZ DANCE 0.5 Units**

Practice in intermediate jazz dance techniques and routines.
PHED 2APA ADAPTED PHYSICAL ACTIVITIES  1.0 Units
Designed for students with disabilities, fitness exercises will include strength training and aerobics.

PHED 2APE ADAPTED PHYSICAL EDUCATION  1.0 Units
Designed for students with disabilities, fitness exercises will include strength training and aerobics.

PHED 2DSF DISABLED STRETCH&FLEXIBILITY  1.0 Units
Designed to give students with disabilities the opportunity to increase their range of motion through stretching and flexibility exercises.

PHED 1ASC AEROBIC SUPER CIRCUIT 1  0.5 Units
Developing cardiovascular efficiency, strength, muscular endurance and flexibility through the use of circuit training. Students will establish appropriate training volumes and intensities.

PHED 2FBA FAT BURNING AEROBICS 2  1.0 Units
Designed to build muscle and burn fat by performing aerobic exercises for cardiovascular endurance, flexibility and strength.

PHED 2FSC FIRE SCIENCE CONDITIONING  1.0 Units
An introductory physical conditioning and lecture course designed to prepare the fire science student for Fire Fighter Academy and pre-employment physical ability testing. Course session will address aerobic and strength training, proper lifting, warm-up and flexibility techniques, training principles and elements of wellness. Proper handling of fire service equipment will be introduced. Students will undergo physical assessment at the onset and conclusion of the semester.

PHED 2FII FITNESS HRT/HLT/FAT LOSS IV2  1.5 Units
Fitness Center Training for Heart Health and Fat loss. Training is how to lower body fat, develop the cardiovascular system, increase strength, muscular endurance and flexibility through the use of circuit training. Heart rate monitors will be used to teach students how to train safely and efficiently within their target heart rate zone. Students will learn how to access fitness, training and wellness information online. Computerized accountability will aid students in a variety of training principles.

PHED 2AB AEROBIC FITNESS 2  1.0 Units
Emphasis on cardiovascular endurance and flexibility through a program of movement with music to improve strength and provide aerobic benefits.

PHED 2ASA AEROBICS/STEP AEROBICS  1.0 Units
Designed to emphasize cardiovascular endurance through a variety of exercises that stimulate heart and lung activity. Combination of aerobic exercises and step aerobics.
time the Fitness Center is open. You must come to the Orientation with EVERYTHING listed below: Be enrolled, Have ID card, Heart Rate Monitor Strap (available from the bookstore), Towel, Stay the entire orientation (approx. 3 hours), and Dressed in workout clothes and shoes. All students must attend an orientation. For information regarding the orientation please visit the Chabot Physical Education website for more information. The website may be found at http://www.chabotcollege.edu/pe/.

PHED 3FII:002-022: All students must attend an orientation. For information regarding the orientation please visit the Chabot Physical Education website for more information. The website may be found at http://www.chabotcollege.edu/pe/.

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PHED 2LEC LAW ENFORCEMENT PHYSICAL COND 1.0 Units

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. Students will undergo physical assessment at the onset and conclusion of the semester.

PHED 2PFL PHYSICAL FIT-LAW ENFORCEMENT 1.0 Units

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. Students will undergo physical assessment at the onset and conclusion of the semester.
PHED 2FI  WEIGHT TRAIN FOR EVERYONE INT 1.0 Units
Development of strength, muscular endurance and flexibility through the use of a weight training circuit. Enhancement of the basic weight lifting exercises and techniques learned in the Basic Weight Training for Everyone.

D 31460  Daily  3.0 hrs/TBA  2706  DROUIN  01/17-05/25 OP  001

PHED 2WJL  WALK/JOG UNDER LIGHTS 2 1.0 Units
Workout under the lights of the Chabot Football Field. Walk or jog to increase cardiovascular endurance as well as increase tone and flexibility. It’s never too dark.

E 31794  Wed  5:00  7:50  TRACK  GRACE  01/17-05/25 OP  071

PHED 2WT  WEIGHT TRAINING 2 1.0 Units
Instruction and supervision of students with individualized fitness programs using free weights to develop fitness, muscle tone and strength.

D 31022  MWF  6:00  6:50  4001  KUBICKI  01/17-05/25 OP  001
D 31023  MW  12:00  1:15  4001  FRIEND  01/17-05/25 OP  002

PHED 2WTC  WEIGHT TRAINING CIRCUIT 2 1.0 Units
Phase-specific circuit training to develop strength, muscular endurance and flexibility.

D 31025  MW  9:00  10:15  4001  DAVIS  01/17-05/25 P/N  001
D 31024  MW  10:30  11:45  4001  TAVIS  01/17-05/25 P/N  002
D 31026  TTh  9:00  10:15  4001  AYE  01/17-05/25 P/N  003
E 31027  MW  4:30  5:45  4001  TAVIS  01/17-05/25 P/N  071

PHED 2WW  WOMEN'S WEIGHT TRAINING 2 1.0 Units
Individualized weight training programs using Universal machines in order to burn fat and develop fitness, tone and strength. Designed for women.

D 31073  TTh  10:30  11:45  4001  VILCHE  01/17-05/25 OP  001

PHED 2YCS  YOGA CORE STRETCHING 1.0 Units
Designed to present a number of exercises which will increase muscle endurance and strength in the muscles which support the spine. It will incorporate the awareness used in core strengthening and apply it to a safe practice of hatha yoga. The student will practice traditional yoga postures in addition to breathing exercises and methods of relaxation.

D 31469  MW  12:00  1:15  2728  ALTENBACH  01/17-05/25 OP  001
D 31281  MW  1:30  2:45  2728  ALTENBACH  01/17-05/25 OP  002

PHED 2YCT  CONTINUING YOGA 1.0 Units
Yoga asanas, balance postures, breathing exercises, and sequence work requiring more strength than needed in the regular yoga class. Designed for the experienced yoga student who wishes to challenge the basic yoga postures with more advanced variations.

D 32012  MW  12:00  1:15  2728  ALTENBACH  01/17-05/25 OP  001
D 32013  MW  1:30  2:45  2728  ALTENBACH  01/17-05/25 OP  002

PHED 2YOI  YOGA-BEGINNING/INTERMEDIATE 1.0 Units
Continuing yoga student will have the opportunity to explore more intermediate variations on beginning yoga asanas. This class will include more work with vinyasa, or sequence work, and varied breathing practice and relaxation techniques.

D 30589  MW  12:00  1:15  2728  ALTENBACH  01/17-05/25 P/N  001
D 32010  MW  1:30  2:45  2728  ALTENBACH  01/17-05/25 P/N  002

PHED 1SP  SPORTS CONDITIONING 0.5 Units
A fitness program designed for those interested in participation in intercollegiate athletics.

D 31786  MTWTh  10:00  12:50  SFLD  GRACE  12/26-01/12 OP  E01
D 32026  MW  3:45  5:50  2500  ANGER  03/19-05/16 OP  E02
D 31787  MTWTh  11:00  1:50  FIELD  TAVIS  12/26-01/12 OP  E03
D 31788  Daily  1:00  3:15  2500  AYE  12/26-01/13 OP  E04
D 32559  Daily  8:00  10:15  POOL  KUBICKI  12/26-01/13 OP  E05

PHYSICAL EDUCATION – INDIVIDUAL SPORTS

PHED 2AR  ARCHERY 1.0 Units
Techniques of shooting target archery with emphasis on proper form. Equipment will be provided.

D 31368  MW  10:30  11:45  AFLD  IGWE  01/17-05/25 OP  001
D 30001  TTh  10:30  11:45  AFLD  IGWE  01/17-05/25 OP  002

PHED 2ARA  ARCHERY ADVANCED 1.0 Units
Designed to help the student retain the form acquired through the basic and intermediate archery classes. In advanced archery, the competition is with yourself more that it is against another archer. Your scores also provide a means of comparing your skill with that of another archer. Prerequisite: PHED 2AR and PHED 2ARI.

D 31244  MW  10:30  11:45  AFLD  IGWE  01/17-05/25 OP  001
D 30779  TTh  10:30  11:45  AFLD  IGWE  01/17-05/25 OP  002

PHED 2ARI  INTERMEDIATE ARCHERY 1.0 Units
Intermediate Archery is designed for individuals who possess basic archery skills, and who are familiar with basic archery concepts. Class activity includes consultation to determine status, observation, discussion and feedback designed to promote improvement in shooting mechanics.

D 31243  MW  10:30  11:45  AFLD  IGWE  01/17-05/25 OP  001
D 30779  TTh  10:30  11:45  AFLD  IGWE  01/17-05/25 OP  002

PHED 1BDD  BASIC BADMINTON 0.5 Units
Basic Badminton is designed for the novice badminton player to develop basic skills and experience. Class activity includes discussion, observation and feedback on developing sound mechanics, strategy, drills, and intra-class competition.

D 32566  Fri  9:00  11:50  2500  MORRIS  01/17-04/06 OP  E01

PHED 1BDT  TOURNAMENT BADMINTON 0.5 Units
A competitive experience emphasizing the fundamentals of strategies in singles and doubles.

D 30499  Fri  9:00  11:50  2500  MORRIS  01/17-04/06 OP  E01

PHED 1TN2  TENNIS-NOVICE-LEVEL 2 0.5 Units
For students who have had elementary instruction but have played very little since. For others who know the general idea of strokes, tactics and strategy, but have played too little to be able to apply their strokes to play.

S 31934  Sat  10:00  11:50  COURT  MORRIS  01/17-05/25 OP  082

PHED 1TN1  TENNIS-BEGINNING/INTERMEDIATE 0.5 Units
Instruction in the basic fundamentals of tennis including the forehand, backhand and serve. Also includes singles and doubles.

S 31933  Sat  10:00  11:50  COURT  MORRIS  01/17-05/25 OP  082

PHED 2TA4  TENNIS-ADVANCE-LEVEL 4 1.0 Units
Review of fundamental strokes and shots with emphasis on provisions for individual differences and preferences while emphasizing mechanically sound techniques. Practice in using a variety of game plans and in playing against those plans. Drill covering five basic play situations: serving, returning serves,
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<tbody>
<tr>
<td>D 30506</td>
<td>PHED 41</td>
<td>Women's Intercollegiate Basketball</td>
<td>1.0 Units</td>
<td>Daily</td>
<td>3:00-4:50</td>
<td>Pool</td>
<td>Kubicki</td>
<td>01/17-05/25</td>
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<tr>
<td>E 30707</td>
<td>PHED 44</td>
<td>Women's Intercollegiate Tennis</td>
<td>2.0 Units</td>
<td>MW</td>
<td>9:00-10:15</td>
<td>2920</td>
<td>Siroy</td>
<td>01/17-05/25</td>
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<tr>
<td>D 30708</td>
<td>PHED 45</td>
<td>Women's Intercollegiate Track &amp; Field</td>
<td>2.0 Units</td>
<td>Daily</td>
<td>3:00-4:50</td>
<td>2920</td>
<td>Anger</td>
<td>01/17-05/25</td>
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<tr>
<td>D 30709</td>
<td>PHED 46</td>
<td>Women's Intercollegiate Softball</td>
<td>2.0 Units</td>
<td>MW</td>
<td>9:00-10:15</td>
<td>2920</td>
<td>Siroy</td>
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### Physical Education – Intercollegiate Athletics

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<tbody>
<tr>
<td>D 30500</td>
<td>PHED 37</td>
<td>Intercollegiate Swimming &amp; Diving</td>
<td>2.0 Units</td>
<td>Daily</td>
<td>3:00-4:50</td>
<td>Pool</td>
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### Physical Education – Martial Arts

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<tbody>
<tr>
<td>D 30501</td>
<td>PHED 39</td>
<td>Women's Intercollegiate Judo</td>
<td>1.0 Units</td>
<td>MW</td>
<td>9:00-10:15</td>
<td>2920</td>
<td>Siroy</td>
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### Physical Education – Team Sports

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<tr>
<td>D 30502</td>
<td>PHED 40</td>
<td>Women's Intercollegiate Football</td>
<td>1.0 Units</td>
<td>MW</td>
<td>9:00-10:15</td>
<td>2920</td>
<td>Anger</td>
<td>01/17-05/25</td>
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### Physical Education – Intercollegiate Athletics

- **PHED 2TI3** Tennis-Intermediate-Level 3 | 1.0 Units | Review of the techniques of the forehand and backhand drives and volleys, varieties of serves, lobs, and smashes; instruction in court strategy for singles and doubles; use of spin on all shots for control and variety.
- **PHED 2TN2** Tennis-Novice-Level 2 | 1.0 Units | For students who have had elementary instruction but have played very little since. For others who know the general idea of strokes, tactics and strategy, but have played too little to be able to apply their strokes to play.
- **PHED 2TN3** Tennis - Tournament 3 | 1.0 Units | A competitive experience designed for students with prior knowledge of tennis skills.

### Physical Education – Intercollegiate Athletics

- **PHED 31** Intercollegiate Basketball | 1.0 Units | Training for intercollegiate competition. Daily practice.
- **PHED 32** Intercollegiate Baseball | 2.0 Units | Training for intercollegiate competition. Daily practice.
- **PHED 33** Intercollegiate Golf | 2.0 Units | Training for intercollegiate competition. Daily Practice.
- **PHED 34** Intercollegiate Tennis | 2.0 Units | Training for intercollegiate competition. Daily practice.
- **PHED 35** Intercollegiate Track & Field | 2.0 Units | Training for intercollegiate competition. Daily practice.
- **PHED 37** Intercollegiate Swimming & Diving | 2.0 Units | Training for intercollegiate competition. Daily practice.

### Physical Education – Martial Arts

- **PHED 2JU** Judo 2 | 1.0 Units | Designed to acquaint the beginner with the history and elementary arts of judo while improving physical and mental development.
- **PHED 3BB** Baseball - Advanced | 1.5 Units | Physical education sections are organized to include activities in four areas. Advanced baseball is included in the area of team sports. This course is specifically designed to give the student of advanced ability an opportunity to review and practice the basic fundamental skills relative to the game of baseball with other students of similar ability.
- **PHED 1BK** Basketball League | 0.5 Units | Compete in an organized league. Sign up as a team or a free agent. League schedule will follow a practice game schedule.
- **PHED 1BT** Tournament Basketball | 0.5 Units | Emphasis on basic skills of basketball strategies and team play.
- **PHED 2FP** Football Passing League | 1.0 Units | Play in a competitive Spring Football Passing League.
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<td>01/17-05/25</td>
<td>OP 001</td>
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**PHED 3DCF DEFENSIVE COMPETITIVE FOOTBALL** 1.5 Units

Specifically designed to give the student of advanced ability an opportunity to train, review practice and learn the basic fundamental skills required to become a successful defensive football player. Prerequisite: A student must have competed on an intercollegiate team, a high school varsity team, or its equivalent to be eligible for the class.

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<td>2706</td>
<td>Staff - P</td>
<td>01/17-05/25</td>
<td>OP 001</td>
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**PHED 3OCF OFFENSIVE COMPETITIVE FOOTBALL** 1.5 Units

Specifically designed to give the student of advanced ability an opportunity to train, review practice, and learn the basic fundamental skills required to become a successful offensive football player. Prerequisite: A student must have competed on an intercollegiate team, a high school varsity team, or its equivalent to be eligible for the class.

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**PHED 1SI INDOOR SOCCER** 0.5 Units

Basic skills of soccer, including passing, kicking, dribbling and tackling.

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<tr>
<td>D 32565</td>
<td>MW</td>
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<td>2500</td>
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<td>01/17-04/04</td>
<td>OP E02</td>
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**PHED 2SC SOCCER** 1.0 Units

Basic fundamentals of soccer including offensive and defensive strategies. Open to all skill levels.

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**PHED 3TCS TRAINING - COMPETITIVE SOCCER** 1.5 Units

Designed to give the student an understanding and training in the advanced principles of competitive soccer. Training and skill development will be combined in practice and applied in game situations. Prerequisites: Successful completion of the elementary soccer course at Chabot College, or interscholastic or intercollegiate team competition.

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<td>D 31220</td>
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<td>2:30 5:35</td>
<td>FIELD</td>
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<td>03/12-05/18</td>
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<tr>
<td>D 32544</td>
<td>TThF</td>
<td>2:30 5:35</td>
<td>FIELD</td>
<td>BATHELT</td>
<td>03/12-05/18</td>
<td>OP E02</td>
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**PHED 2FBS FAST PITCH SOFTBALL 2** 1.0 Units

Designed for females who are competing on the Women’s Intercollegiate Softball Team.

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<tr>
<td>D 32588</td>
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<td>GRACE</td>
<td>01/17-05/25</td>
<td>OP 001</td>
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**PHED 3TCV TRAIN COMPETITIVE VOLLEYBALL** 1.5 Units

Previous instruction in ball handling, spiking, serving and team play.

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<tr>
<td>D 31217</td>
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<td>SAMMONS</td>
<td>01/17-05/25</td>
<td>OP 001</td>
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**PHED 1VBI VOLLEYBALL-BEGINNING/INTERMED** 0.5 Units

Instruction in the basic fundamentals of volleyball including offensive and defensive strategies, especially for beginners and intermediate players.

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<tr>
<td>E 32613</td>
<td>Mon</td>
<td>6:00 9:20</td>
<td>2500</td>
<td>SAMMONS</td>
<td>01/23-03/26</td>
<td>OP 071</td>
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**PHED 1VBT VOLLEYBALL-TOURNAMENT** 0.5 Units

Emphasis on basic skills of volleyball strategies and team play.

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<tr>
<td>E 32614</td>
<td>Mon</td>
<td>6:00 9:20</td>
<td>2500</td>
<td>SAMMONS</td>
<td>01/23-03/26</td>
<td>OP 071</td>
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al. Combination of text based curriculum with internet research. Students will learn how to integrate current health teachings in relation to their disability and their lives.

O 30714  By Arr  3.0 Hrs/Wk  ONLINE GRACE  01/17-05/25  OP  ON1  
PHED 18-ON1 is an online course, with no required on-campus meetings.

PHED 20 INTRODUCTION TO PHYSICAL EDUCATION  3.0 Units
Survey of physical education with emphasis on the basic elements, foundations, career opportunities and the relationship of physical education to other fields.

O 32244  By Arr  3.0 Hrs/Wk  ONLINE MILLER  01/17-05/25  OP  ON1  
PHED 20-ON1 is an online course, with no required on-campus meetings.

PHED 27 PRINCIPLES OF COACHING INTERSCHOLASTIC  2.0 Units
Theory, principles and ethics of coaching interscholastic sports with emphasis on the fundamentals and techniques of coaching. Course completion certificate available upon completion (with grade of “C” or higher).

D 31215 Lec  TTh  10:30  11:20  2904  FRIEND  01/17-05/25  OP  001  
Lab Tue  5:00  5:50  BFLD  001
D 31374 Lec  MW  2:30  3:20  *502  PAPACHRISTO  01/17-05/25  OP  002  
Lab Tue  2:30  3:20  *502  
offsite room *502 meets at LAS POSITAS GOLF COURSE, 909 CLUBHOUSE DRIVE, LIVERMORE. First class meeting held in Main Gymnasium, bdgl. 2500.

PHED 57 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. Assessment of current fitness level, designing a personal fitness and nutritional plan. May not receive credit if NUTR 57 has been completed.

O 32626  By Arr  3.0 Hrs/Wk  ONLINE GRACE  01/17-05/25  GR  ON1

PHYSICS

PHYS 2B INTRODUCTION TO PHYSICS II  4.0 Units
Electro-circuits, electromagnetic waves, optics and modern physics. Prerequisite: Physics 2A (completed with a grade of C or higher). CAN PHYS 4, PHYS SEQ A

D 31810 Lec  MWF  8:30  9:20  1708  ALEXANDER  01/17-05/25  GR  001
Lab MWF  9:25  10:15  1708
E 30082  Lec  Mon  7:00  9:50  1708  ALEGRE  01/17-05/25  GR  071  
Lab Wed  7:00  9:50  1708

PHYS 4A GENERAL PHYSICS I  5.0 Units
Introduction to the principles of Newtonian mechanics using calculus as needed. Vectors, kinematics, dynamics, energy, momentum, rotation, oscillations, gravitation, and fluids. Prerequisite: MTH 1 (completed with a grade of “C” or higher).

D 30086 Lec  MW  1:30  2:45  1904  HILDRETH  01/17-05/25  GR  001
Lec Mon  3:00  3:50  1714  
Lab Fri  1:30  2:40  1714
This course may require you to purchase access to an online physics learning environment.

D 30087 Lec  MW  1:30  2:45  1904  HILDRETH  01/17-05/25  GR  002
Lec Wed  3:00  3:50  1714  
Lab Th  9:00  11:50  1714
This course may require you to purchase access to an online physics learning environment.

PHYS 4B GENERAL PHYSICS II  5.0 Units
Thermodynamics, electric fields, electric currents, magnetic fields, induced currents, and alternating circuits. Prerequisite: PHYS 4A and MTH 2 (both completed with a grade of “C” or higher).

D 31467 Lec  M  F  1:30  2:45  1908  ALEXANDER  01/17-05/25  GR  001  
Lec Mon  3:00  3:50  1708  
Lab Wed  1:30  2:40  1708

This course may require you to purchase access to an online physics learning environment.

This course may require you to purchase access to an online physics learning environment.

PHYS 4C GENERAL PHYSICS III  5.0 Units
Electromagnetic spectrum, including reflection, refraction, diffraction, interference, polarization, fluids, sound waves and thermodynamics. Prerequisites: PHYS 4B and MTH 3 (both completed with grade of “C” or higher). CAN PHYS 14, PHYS SEQ B

D 30088 Lec  W F  1:30  2:45  1906  DAVE  01/17-05/25  GR  001  
Lec Wed  3:00  3:50  1906  
Lab Fri  1:30  4:20  1708
This course may require you to purchase access to an online physics learning environment.

PHYS 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: MTH 1. Strongly recommended: CAS 8 or CSCI 18. May not receive credit if ENGR 25 or MTH25 has been completed.

D 31019 Lec  Tue  1:00  2:50  3902  MAYER  01/17-05/25  GR  001  
Lab Wed  6:00  7:15  3906A  
Lab Wed  4:30  5:45  3902

POLITICAL SCIENCE

POSC 1 INTRO TO AMERICAN GOVERNMENT  3.0 Units
Introduction to the historical development of American political ideals and institutions including the United States Constitutions, civil liberties, civil rights, citizenship duties, political parties, participation and elections. Strongly recommended: eligibility for ENGL 1A.

D 32212 Lec  MW  9:00  10:15  506  Staff - So  01/17-05/25  OP  001  
D 32213 Lec  MW  12:00  1:15  506  PARKER  01/17-05/25  OP  002  
D 32214 Lec  TTh  9:00  10:15  506  PARKER  01/17-05/25  OP  003  
D 32215 Lec  TTh  10:30  11:45  506  PARKER  01/17-05/25  OP  004  
D 32216 Lec  TTh  1:30  2:45  506  Staff - So  01/17-05/25  OP  005  
E 32217 Lec  Mon  5:30  8:20  556  PARKER  01/17-05/25  OP  071  
O 32218  By Arr  3.0 Hrs/Wk  ONLINE ISAD  01/17-05/25  OP  ON1
O 32219  By Arr  3.0 Hrs/Wk  ONLINE ISAD  01/17-05/25  OP  ON2

POSC 20 COMPARATIVE GOVERNMENT  3.0 Units
Contemporary forms of government, institutions and political problems of selected national governments. Strongly recommended: Eligibility for ENGL 1A and POSC 1.

D 32441 Lec  TTh  12:00  1:15  554  Staff - So  01/17-05/25  GR  001  

POSC 25 INTRO TO POLITICAL THEORY  3.0 Units
Various theoretical approaches to politics, including selected political thinkers from ancient times to the present, and the application of political theory to current political realities. Strongly recommended: eligibility for ENGL 1A and completion of POSC 1.

D 32220 Lec  Wed  6:30  9:20  555  Staff - So  01/17-05/25  GR  001

POSC 30 INTERNATIONAL RELATIONS  3.0 Units
Introduction to international politics, theories, and global institutions, focusing on international actors and their interactions with one another. Emphasis on current events.

D 32221 Lec  MW  10:30  11:45  552  PARKER  01/17-05/25  GR  001

This course may require you to purchase access to an online physics learning environment.
### 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 32039 Lec MW** 9:00-10:15 556 ESTEPA 01/17-05/25 GR 001
- **D 32040 Lec MW** 10:30-11:45 556 ESTEPA 01/17-05/25 GR 002
- **D 32041 Lec Mon 3:00-5:00 506 DICKINSON 01/17-05/25 GR 003
- **D 32042 Lec TTh 7:30-8:45 551 Staff - So 01/17-05/25 GR 004
- **D 32043 Lec TTh 9:00-10:15 556 MORIN 01/17-05/25 GR 005
- **D 32044 Lec TTh 10:30-11:45 556 NJJJAR 01/17-05/25 GR 006
- **D 32045 Lec TTh 12:00-1:15 556 MORIN 01/17-05/25 GR 007
- **D 32046 Lec Tue 1:30-4:20 556 NJJJAR 01/17-05/25 GR 009
- **D 32047 Lec Th 1:30-4:20 556 NJJJAR 01/17-05/25 GR 010
- **E 32048 Lec Tue 6:30-9:20 557 RAHMANY 01/17-05/25 GR 071
- **E 32049 Lec Wed 6:30-9:20 557 PIERSO 01/17-05/25 GR 072
- **E 32049 Lec Mon 6:30-9:45 557 MORIN 01/23-05/14 GR E71
- **O 32050 By Arr 3.5 Hrs/Wk ONLINE NIJJAR 01/23-05/11 OP 001
- **O 32051 By Arr 3.5 Hrs/Wk ONLINE ESTEPA 01/23-05/11 OP 002
- **O 32052 By Arr 3.5 Hrs/Wk ONLINE PIERSO 01/23-05/11 OP 003
- **O 32053 By Arr 3.5 Hrs/Wk ONLINE NIJJAR 01/23-05/11 OP 004
- **O 32054 By Arr 3.5 Hrs/Wk ONLINE PIERSO 01/23-05/11 OP 005
- **O 32055 By Arr 3.5 Hrs/Wk ONLINE NIJJAR 01/23-05/11 OP 006

**PSY 2 PSYCHOLOGICAL METHODOLOGY**
3.0 Units
Introduction to scientific method in the study of human and animal behavior. Designing, performing, and reporting behavioral science experiments and surveys. Fundamentals of research design, hypothesis testing, and reasoning in inferential statistics. Strongly recommended: PSY 1.

- **D 32054 Lec Tue 6:30-9:20 557 RAHMANY 01/17-05/25 GR 071
- **E 32056 Lec Wed 6:30-9:20 557 PIERSO 01/17-05/25 GR 072
- **E 32049 Lec Mon 6:30-9:45 557 MORIN 01/23-05/14 GR E71

**PSY 3 SOCIAL PSYCHOLOGY**
3.0 Units
Introduction to theories and concepts that explain individual behavior in social settings. Topics include research methods, social perception, social cognition, beliefs, prejudice/discrimination, interpersonal relationships, aggression, and group behavior. Strongly recommended: PSY 1.

- **D 32054 Lec MW 12:00-1:15 556 PIERSO 01/17-05/25 GR 001
- **D 32055 Lec Tue 1:30-4:20 557 PIERSO 01/17-05/25 GR 002

**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, social-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 ENGL 1A.

- **D 32054 Lec MW 12:00-1:15 557 ESTEPA 01/17-05/25 GR 001

**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 identity. May not receive credit if HILTH 8 or SOC 8 has been completed.

- **E 32058 Lec Th 7:00-9:50 557 DICKINSON 01/17-05/25 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.

- **D 3201 Lec MW 1:30-2:45 559 DICKINSON 01/17-05/25 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 potentialities 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: ENGL 1A or 52A.

- **E 32094 Lec Wed 6:30-9:50 506 GRIMM 02/01-05/25 GR E71

**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 30611 Lec MW 10:00-11:55 2254 ACACIO 01/17-05/25 OP A01

**PSCN 2 INTRO CASE MGMT FOR HUMN SERV**
3.0 Units

- **O 31784 By Arr 3.0 Hrs/Wk tba HARBIN 01/17-05/25 OP O01

**PSCN 4 MULTIETHNIC/CULTURAL COMMUNIC**
3.0 Units
Exploration of intercultural and interethnic 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 30822 Lec MW 9:00-10:15 552 WILSON 01/17-05/25 OP 001

**PSCN 901 PERSONAL GROWTH I**
1.0 Units
Designed to provide academic and personal counseling to students with disabilities in a support group environment.

- **D 30327 Lec Mon 1:30-2:20 2408 ALLEN 01/17-05/25 P/N 001

**PSCN 902 PERSONAL GROWTH II**
1.0 Units
Designed to provide academic and personal counseling to students with disabilities in a support group environment.

- **D 30325 Lec Tue 2:30-3:20 2408 ALLEN 01/17-05/25 P/N 001
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<tr>
<td>PSCN 903</td>
<td>PERSONAL GROWTH III</td>
<td>1.0 Units</td>
<td>Towards academic/vocational goals. May not be taken for credit if General transition into college and maximize successful matriculation through college and activities. Designed for first time, returning, and re-entry students to ease graduation and transfer requirements, student services, campus resources; majors and careers; plus other topics as student needs are identified. Designed for all students to maximize their potential with emphasis on enhancing the new student's transition into college.</td>
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<tr>
<td>PSCN 904</td>
<td>PERSONAL GROWTH IV</td>
<td>1.0 Units</td>
<td>Use of modeling, practice and evaluation of study skill techniques.</td>
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<td>E 30393 Lec Wed 5:00 5:50 2408 ALLEN 01/17-05/25 P/N 071</td>
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<td>PSCN 10</td>
<td>CAREER AND EDUCATION PLANNING</td>
<td>2.0 Units</td>
<td>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.)</td>
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<td>E 30167 Lec Wed 4:30 6:20 502 GREENE 01/17-05/25 OP 071</td>
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<td>O 32060 By Arr 2.0 Hrs/Wk tba ASHRAF 01/17-05/25 OP ON1</td>
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<td>PSCN 11</td>
<td>INTERPERSONAL RELATIONSHIPS</td>
<td>2.0 Units</td>
<td>Exploration of behavior in interactions with others. Designed to improve interpersonal relationships for the benefit of academic, career, and personal development.</td>
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<td>Course discusses self-esteem as a core of personality and behavior related to our capacity to learn and grow. In this experientially oriented class, we will be exploring strategies to build your self-esteem and enhance your motivation.</td>
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<td>O 31990 Lec By Arr 3.0 Hrs/Wk tba HARBIN 01/17-05/25 OP AN1 PSCN 13-AN1 is an online course, with no required on-campus meetings.</td>
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<td>PSCN 13</td>
<td>MULTICULTURAL ISSUES/AMERICA</td>
<td>3.0 Units</td>
<td>Investigation of the relationship between Chicano cultural experiences and college success. Emphasis on examination of how Chicano cultural experience can affect collegiate success.</td>
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<td>D 31164 Lec Wed 12:00 12:50 553 DALE 01/17-05/25 OP 001</td>
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<td>Lab By Arr 3.0 Hrs/Wk tba PSCN 80-001 focuses on strengthening human service skills through service learning. Students will work in the community and meet with instructor weekly to support the student's learning and performance on-site. Working independently will be important for success in this class. Open to PSCN Human Service majors and non-majors.</td>
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<td>PSCN 15</td>
<td>COLLEGE STUDY SKILLS</td>
<td>2.0 Units</td>
<td>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.</td>
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<td>O 32059 By Arr 2.0 Hrs/Wk tba HARBIN 01/17-05/25 OP ON1 PSCN 15-ON1 is an online course, with no required on-campus meetings.</td>
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<tr>
<td>PSCN 20</td>
<td>THE COLLEGE EXPERIENCE</td>
<td>2.0 Units</td>
<td>Academic programs, college policies, student rights and responsibilities, graduation and transfer requirements, student services, campus resources and activities. Designed for first time, returning, and re-entry students to ease transition into college and maximize successful matriculation through college towards academic/vocational goals. May not be taken for credit if General Studies 20 has been completed.</td>
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Chabot College • Spring 2012 Class Schedule 64
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 reg-ulation of agents; classification of property; easements; acquisition and transfer of interests of property; methods and incidents of ownership; land description; recordation. Strongly recommended: Real Estate 80.
O 31181 By Arr 3.0 Hrs/Wk ONLINE MUMFORD 01/17-05/25 OP ON1
REST 81A-ON1 is an online course with no required on-campus meetings.

REST 82A REAL ESTATE APPRAISAL 3.0 Units
Real Estate appraisals, the appraisal process, and approaches, methods, and techniques used to determine value of various types of property; current trends, neighborhood analysis, and preparing an appraisal report; emphasis on residential and single-unit property. Strongly recommended: Real Estate 80.
O 30932 By Arr 3.0 Hrs/Wk ONLINE MUMFORD 01/17-05/25 GR ON1
REST 82A-ON1 is an online course with no on-campus meetings.

REST 83 REAL ESTATE FINANCE 3.0 Units
Financing transactions in the real estate business and in lending institutions; analysis of money markets, interest rates and real estate financing. Financing procedures, residential and commercial financing. Strongly recommended: Real Estate 80.
O 31705 By Arr 3.0 Hrs/Wk ONLINE MUMFORD 01/17-05/25 OP ON1
REST 83-ON1 is an online course with no required on-campus meetings.
S 31384 Lec Sat 9:00 12:30 1608 Staff - Ap 01/28-05/19 OP 082

REST 84 REAL ESTATE PRACTICE 3.0 Units
Principles and practical techniques of operating a real estate business. Emphasis on daily activities of brokers and salesperson; introduction to appraising, exchanges, listings, advertising, financing, and marketing. Exchanges, specialized brokerage, property management, professional and public relations. Strongly recommended: Real Estate 80.
O 31382 By Arr 3.0 Hrs/Wk ONLINE MUMFORD 01/17-05/25 GR ON1
REST 84-ON1 is an online course with no required on-campus meetings.

REST 85 REAL ESTATE ECONOMICS 3.0 Units
E 30847 Lec Mon 6:30 9:20 1608 Staff - Ap 01/17-05/25 OP 071

REST 90 EXAM PREPARATION: CA LICENSING 2.0 Units
Real and personal property acquisition, ownership, estates in real property, joint tenancies, partnerships, sales contracts, homesteads, deeds and taxes. Methods of financing, real estate practices, and regulation of the real estate business.
S 31385 Lec Sat 8:30 12:45 455 MUMFORD 03/24-05/19 OP E82

REL 50 RELIGIONS OF THE WORLD 3.0 Units
Introduction to the study of religion by (1) surveying the world religions, stating basic principles of each as shown by fundamental scriptures, practices and works of art, highlighting underlying patterns, OR (2) exploring themes and concepts, using the world religions as examples. Themes may include: grace, sin, enlightenment, suffering, salvation.
D 31466 MW 12:00 1:15 559 PARENTE 01/17-05/25 GR 001
D 31176 Lec MW 1:30 4:20 556 PARENTE 03/19-05/25 E01
O 31320 By Arr 3.0 Hrs/Wk ONLINE DINWIDDIE 01/17-05/25 GR ON1
REL 50-ON1 is an online course with no required on-campus meetings.
### Chabot College • Spring 2012 Class Schedule

#### Codes
- OP: Student can take for letter grade or credit/no credit
- C/N: Must take for credit
- GR: Must take for grade
- D: Day Class
- E: Evening Class
- S: Saturday Class

#### SPANISH CC

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<tr>
<td>D 31865</td>
<td>Lec</td>
<td>TTh</td>
<td>8:00 - 9:50</td>
<td>357</td>
<td>ZERMENO</td>
<td>01/17-05/25 OP</td>
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<td>D 31866</td>
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**SPNA 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.

#### SPANISH 1A-ON1

SPA 1A-ON1 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, Tuesday, January 18, 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 cwnor@chabotcollege.edu

### SPANISH 1B

**SPNA 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:** SPA 1A (completed with a grade of “C” or higher).

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#### SPA 2A - INTERMEDIATE SPANISH

4.0 Units

Review of Grammar, reading of works of modern authors; practice in conversation and composition. **Prerequisite:** SPA 1B (completed with a grade of “C” or higher).

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#### SPA 2B - ADVANCED SPANISH

4.0 Units

Reading of Hispanic authors; advanced review of grammar; emphasis on speaking and composition. **Prerequisite:** SPA 2A (completed with a grade of “C” or higher).

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<td>E 31877</td>
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### SPANISH 2A

**SPNA 2A - INTERMEDIATE SPANISH**

4.0 Units

Review of Grammar, reading of works of modern authors; practice in conversation and composition.

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#### SPA 2B - ADVANCED SPANISH

4.0 Units

Reading of Hispanic authors; advanced review of grammar; emphasis on speaking and composition. **Prerequisite:** SPA 2A (completed with a grade of “C” or higher).

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### THEATER ARTS

#### THTR 1 - INTRODUCTION TO ACTING

3.0 Units

Introduction to the techniques and theories of acting, explored through improvisation, exercises and scene study. Development of the physical and psychological resources for acting including relaxation, creativity, believability and commitment.

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#### THTR 2 - INTERMEDIATE ACTING

3.0 Units

A continuation of Theater 1. Exploration of the theory and practice of acting, focusing on more complex characterizations and text analyses. Theatrical styles and period acting with emphasis on monologues, scenes and audition technique.
THTR 10 INTRODUCTION TO THEATER 3.0 Units
Enjoyment and appreciation of the art of live theater through looking at plays of various genres, time periods and from differing parts of the world. Includes viewing and discussing live theater.
D 31010 Lec MW 10:30-11:45 857 LE PELL 01/17-05/25 GR 001
Lab By Arr 1.0 Hrs/Wk tba

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 storytelling.
D 31011 Lec TTh 10:30-12:20 859 LE PELL 01/17-05/25 OP 001

THTR 20 INTRO TO DESIGN FOR THEATER 3.0 Units
Introduction to the techniques and theories of designing for theatrical productions. Each semester course will focus on some of the major areas of design in theater, i.e., lighting, sets, costumes, sound, make-up. Recommended for non-drama as well as drama majors.
D 32132 Lec Mon 12:00-1:50 859 HASSAN 01/17-05/25 GR 001
Lab Wed 12:00-12:50 859 Lab Wed 1:00-1:50 tba

THTR 30 EMERGING WORK 3.0 Units
Participation in experimental workshop plays, original student scripts, and other projects, possibly leading to scheduled performances.
D 31013 TTh 1:00-2:15 1328 LE PELL 01/17-05/25 GR 001
By Arr 6.0 Hrs/Wk tba

THTR 47 COLLEGE THEATER ACTING 3.0 Units
Participation in main season production or project. Enrollment is for the duration of the production. By audition only.
D 31446 Daily 3:30-5:00 1328 AMAYO-HASSA 01/17-05/25 OP 001

THTR 48 COLLEGE THEATER TECHNICAL 1.0 Units
Participate 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 31014 TH 6:00-8:50 1340 HASSAN 01/17-05/25 OP 001
S S 10:00-3:50 1340 HASSAN 01/17-05/25 OP 001

THTR 50 PRODUCTION MANAGEMENT 1.0 Units
Basic building blocks of producing a show, from the choice of materials to the staging of a play from a broad range of historical periods. Organizing department productions, including student fund-raisers, student original projects, theater week, and the main stage productions. Personnel management, conducting regular production meetings, reconciling budget considerations, aesthetic demands, and practical matters. The business operations of all the scheduled productions, including promotions and front-of-house duties.
E 31015 Lec By Arr 1.0 Hrs/Wk 1103 LE PELL 01/17-05/25 OP 071
By Arr 3.0 Hrs/Wk tba

TUTR 1A TUTORING THEORY AND PRACTICE 0.5 Units
Training for college tutors to acquire specific skills and techniques for tutoring in academic and vocational subject areas and basic skills. Required course for tutors participating in Chabot College Learning Connection tutoring programs. Corequisite: TUTR 1B (Training for Tutors).
D 31906 Lec Tue 5:05-6:35 355 KUNKEL 01/24-05/01 P/N E01
TUTR 1A-001 meets on five Tuesdays (Jan. 25, Feb. 8, Mar. 1, Apr. 5, and May 3) in room 805, from 5:05 - 6:35 p.m.
D 32328 Lec Fri 3:30-4:30 355 KUNKEL 01/17-05/04 P/N E02
TUTR 1A-002 meets on five Fridays (Jan. 28, Feb. 11, Mar. 4, Apr. 8, and May 6) in room 804, from 3:00 - 4:30 p.m.

TUTR 1B GENERAL TUTOR TRAINING 0.5 Units
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. Corequisite: TUTR 1A (Training for Tutors).
D 31907 Lec Fri 1:25-2:55 357 MARTINEZ 01/27-05/04 P/N E01
TUTR 1B-001 meets on five Fridays (Jan. 28, Feb. 11, Mar. 4, Apr. 8, and May 6) in room 804, from 1:25 - 2:55 p.m.

TUTR 1B MATH TUTOR TRAINING 0.5 Units
D 31908 Lec Fri 11:45-1:40 tba RUBE 01/27-05/04 P/N E02
TUTR 1B-002 meets on four Fridays (Jan. 28, Feb. 4, Mar. 4, and Apr. 8) in room 1820, from 11:45-1:45 p.m.

TUTR 1B CHEMISTRY TUTOR TRAINING 0.5 Units
D 31910 Lec Fri 8:55-10:25 3922 WELLS 01/27-05/04 P/N E04
TUTR 1B-004 meets on four Fridays (Jan. 28, Feb. 4, Mar. 4, Apr. 8, and May 6) in room 3922, from 8:00 - 10:25 A.M.

TUTR 1B ENGLISH (WRAC) TUTOR TRAINING 0.5 Units
D 31911 Lec Th 3:15-4:20 354 FOTH 01/19-05/03 P/N E05
TUTR 1B-005 meets on seven Thursdays (Jan. 20, Feb. 3, Feb. 17, Mar. 3, Mar. 17, Apr. 7, and May 5) on the Library Mezzanine, in Bldg. 100, from 3:15 - 4:20 p.m.

TUTR 1B WORLD LANGUAGE TUTOR TRAINING 0.5 Units
D 32009 Lec Tue 12:00-12:50 399 PARRISH 01/31-05/18 OP E06
TUTR 1B-006 meets on nine Tuesdays (Feb. 1, Feb. 8, Mar. 1, Mar. 8, Mar. 29, Apr. 12, Apr. 26, May 10, and May 17) in room 803, from 12:00 - 12:50 p.m.

TUTR 1B ESL TUTOR TRAINING 0.5 Units
D 32327 Lec Fri 1:30-2:45 2351 UCHIYAMA 01/27-05/04 P/N E07
TUTR 1B-007 meets on six Fridays (Jan. 28, Feb. 4, Feb. 11, Mar. 4, Apr. 8, and May 6) in room 2351, from 1:30 - 3:00 p.m.

TUTR 31 CHABOTLINK PEER ADVISOR TRNG 1.0 Units
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.
D 32338 Lec Fri 8:30-12:35 751 DALE 02/24-04/06 P/N E01
The training sessions for TUTR 31 are on four Fridays, February 24, March 9, March 23 and April 6, from 8:30-12:35 in room 751. For more information, contact Valjean Dale at vdale@chabotcollege.edu

TUTR 200 SUPRVS D LEARN ASSIST- IND STUDY 0.0 Units
Individualized student tutoring (supplemental learning assistance) provided to students requesting assistance or referred by a counselor or an instructor.
Trained tutors and instructors will provide tutoring in basic skills, academic and vocational subject matter areas including mathematics, English, science, social science, humanities and a variety of general education courses vital to the overall success and retention of students.

**WELDING TECHNOLOGY**

**WELD 64B ADV ARC/FLUX-CORE/BP** 3.0 Units
Advance theory and practical application of: Shielded Metal Arc Welding (SMAW) and Flux-Core Arc Welding (FCAW) in 3G, 4G, 3F and 4F positions, plasma, carbon arc and flame cutting, American Welding Society (AWS) nomenclature and codes, welding metallurgical transformations, welding discontinuities and defects, welding electrodes and wire selection, hazardous materials regulation, general shop equipment usage, shop safety, and blueprint reading (as applied in manufacturing industry). Strongly recommend: WELD 64A or WELD 70. 1 hour lecture, 6 hours laboratory.

D 32414 Lab Tue 8:00 11:15 1416 RAVEICA 01/17-05/25 GR 001
Lab Th 8:00 10:15 1416
Lec Th 10:30 11:20 1564
E 32581 Lab Mon 7:00 9:15 1416 JURICH 01/17-05/25 OP 071
Lec Wed 6:00 6:50 1506
Lab Wed 7:00 7:30 1416

**WELD 65B ADV/TIG/MIG/BLUEPRINT READING** 3.0 Units
Advanced theory and skill development of GTAW and GMAW processes with applications including ferrous and non-ferrous metals and their alloys in the both vertical and overhead positions according to AWS codes and standards advanced blueprint reading and fitting, oxyacetylene brazing, flame and plasma cutting electrodes and wire selection, advanced blueprint reading and practical interpretation of welding symbols, proper and safe use of shop and welding equipment, hazardous material regulations. Strongly recommended: WELD 65A and WELD 70.

D 32416 Lab Mon 8:00 11:15 1416 RAVEICA 01/17-05/25 GR 001
Lab Wed 8:00 10:15 1416
Lec Wed 10:30 11:20 1564
E 32582 Lab Tue 8:00 10:15 1416 PLASENCIA 01/17-05/25 OP 071
Lec Th 6:00 6:50 1504
Lab Th 7:00 7:30 1416

**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: WELD 64A.

D 32417 Lab MW 4:00 6:50 1416 RAVEICA 01/17-05/25 GR 001
D 32418 Lab Tue 8:00 11:15 1416 RAVEICA 01/17-05/25 GR 002
Lab Th 8:00 10:15 1416
D 32419 Lab Mon 8:00 11:15 1416 RAVEICA 01/17-05/25 GR 003
Lab Wed 8:00 10:15 1416
S 32420 Lab Sat 9:00 11:30 1416 RAVEICA 01/17-05/25 GR 082
Lab Sat 1:30 2:30 1416

**WELD 67B ADVANCED WELDING SKILLS LAB** 2.0 Units
Advanced development and improvement of practical welding skills using SMAW, FCAW, GMAW AND GTAW in the 1G, 2G 3G 4G, 1F, 2F, 3F and 4F positions. Strongly recommended: WELD 64B and WELD 65B or equivalent.

D 32421 Lab Mon 8:00 11:15 1416 RAVEICA 01/17-05/25 GR 001
Lab Wed 8:00 10:15 1416
D 32422 Lab MW 4:00 6:50 1416 RAVEICA 01/17-05/25 GR 002
D 32423 Lab Tue 8:00 11:15 1416 RAVEICA 01/17-05/25 GR 003
Lab Th 8:00 10:15 1416
S 32424 Lab Sat 9:00 11:50 1416 RAVEICA 01/17-05/25 GR 082
Lab Sat 1:30 2:30 1416

**WELD 68 CERTIFICATION PREPARATION** 0.5 Units
Welding process preparation for certification exams including the theory of American Welding Society D1.1, American Society of Mechanical Engineers Section IX, American Petroleum Institute 1104, includes laboratory practice in skills needed to take these exams.

D 32425 Lab Mon 8:00 11:15 1416 RAVEICA 01/17-05/25 GR 001
D 32426 Lab MW 4:00 6:50 1416 RAVEICA 01/17-05/25 GR 002
D 32427 Lab Tue 8:00 11:15 1416 RAVEICA 01/17-05/25 GR 003
Lab Th 8:00 10:15 1416
E 32428 Lab Mon 7:00 9:15 1416 JURICH 01/17-05/25 OP 071
Lab Wed 7:00 10:15 1416
E 32429 Lab Tue 8:00 10:15 1416 PLASENCIA 01/17-05/25 OP 072
Lab Th 7:00 10:15 1416
S 32430 Lab Sat 9:00 11:50 1416 RAVEICA 01/17-05/25 OP 082
Lab Sat 1:30 4:20 1416

**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 codes 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:** WELD 69A or equivalent.

S 32431 Lab Sat 9:00 11:50 1416 RAVEICA 01/17-05/25 GR 082
Lec Sat 12:00 12:50 1560
Lab Sat 1:30 4:20 1416

**WELD 70 INTRODUCTION TO WELDING** 2.0 Units
Welding industry fundamentals including introduction to SMAW, GMAW, GTAW, FCAW, oxyacetylene and brazing, 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.

S 32432 Lec Sat 8:00 8:50 1560 RAVEICA 01/17-05/25 OP 082
Lab Sat 9:00 11:50 1416

**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 brazing, welding plasma and fuel gas cutting, general shop equipment usage, welding electricity fundamentals, shop safety, welding consumable identification, and hazardous materials regulation.

S 32433 Lec Sat 8:00 8:50 1560 RAVEICA 01/17-05/25 OP 082
Lec Sat 11:00 11:50 1416

**WORLD LANGUAGES**

**WORL 1L WORLD LANGUAGES LAB** 0.5 Units
World language grammar, pronunciation, conversation. Exploration of cultural components related to the target language. **Co-requisite:** concurrent enrollment in a World Language course: 1A, 1B, 2A, or 2B.

D 32456 Lab By Arr 1.5 Hrs/Wk 2351 MOON 01/17-05/25 P/N 001
Learning Communities

DARAJA PROJECT

The Daraja Project is a year-long, accelerated writing, mentoring and counseling program with a curriculum that focuses on African-American authors and issues. It is designed for students who want to transfer to four-year colleges and universities. The program is open to all students who meet the qualifications for enrollment. As a condition of enrollment in the Daraja Project, students will be required to sign an agreement to conform to program requirements. Students will be required to participate in all course and program activities. Students will simultaneously enroll in English 1A-DAR and African-American History 21. For more information, call (510) 723-6747.

*(DARAJA section #'s= DAR, DA#)

PUENTE PROJECT

The Puente Project is a two-semester program, which is designed for students who intend to transfer to a four-year college. Students in the program take two English courses, which are required for transfer, and a series of Counseling courses designed to promote student success. The two English courses in the program focus on Mexican-American/Latino authors and issues and offer instruction in critical reading, critical thinking, and academic writing. The Psychology-Counseling courses provide students with information and counseling which will assist them in preparing or selecting and successfully completing the courses they will need to transfer. Additionally, students receive mentoring and support from their English instructor, the Puente counselor, and other career professionals. The program is open to all eligible students. As a condition of enrollment in the Puente Project, students will be required to sign an agreement to conform to the program requirements. For more information, contact the Puente office at (510) 723-7120, Sandra Genera @ sgenera@chabotcollege.edu or Kristin Land @ kland@chabotcollege.edu

*(Puente Project section #'s= PU#,PUE)

PACE – EVENING/SATURDAY DEGREE & TRANSFER PROGRAM

PACE (Program for Adult College Education) 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 require convenient evening, Saturday and Online courses. The PACE Program fulfills both AA degree requirements at Chabot and CSU General Education Transfer requirements. PACE students usually enroll in one to four courses per semester depending on their work demands.

The PACE Program is a “college within a college” offering students support, flexibility and networking opportunities. Most PACE students earn an A.A. 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; Hospitality; Recreation and Tourism; Liberal Studies; and a Business Minor/option. Other Bay Area transfer colleges include Holy Names University, Menlo College, the University of San Francisco and the University of Phoenix. For more information about PACE please visit our website at http://www.chabotcollege.edu/pace or call (510)723-2626 or (510) 723-6619 or email jmachado@chabotcollege.edu.

*(PACE section #'s= OP#, EP#, APN, EPN)

DISABLED STUDENTS PROGRAM AND SERVICES (DSPS)

DSPS offers students with disabilities a variety of courses in English, Computer Application Systems, Psychology-Counseling and Physical Education as listed below. 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.

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Chabot College • Spring 2012 Class Schedule 69 510.723.6600 • www.chabotcollege.edu
### Off Campus Classes

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*CHABOT COLLEGE SAN LEANDRO SITE

For Course Listings & Directions VISIT US AT http://www.chabotcollege.edu/offsite/
# Short Term – Late Start

### January

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<td>32327</td>
<td>TUTR 1A Tutoring Theory and Practice</td>
<td>1/27-5/4</td>
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<tr>
<td>31910</td>
<td>TUTR 1B Chemistry Tutor Training</td>
<td>1/27-5/4</td>
</tr>
<tr>
<td>31384</td>
<td>ANTH 83 Real Estate Finance</td>
<td>1/28-5/19</td>
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<tr>
<td>31234</td>
<td>MEDA 73 Clinical Experience Practicum</td>
<td>1/30-5/15</td>
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<tr>
<td>30686</td>
<td>ANTH 83 Real Estate Finance</td>
<td>1/30-5/15</td>
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<tr>
<td>32009</td>
<td>REST 83 Real Estate Finance</td>
<td>1/31-5/18</td>
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<tr>
<td>31969</td>
<td>COMM 30 Elements of Speech</td>
<td>1/31-5/22</td>
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### February

<table>
<thead>
<tr>
<th>Code</th>
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<tbody>
<tr>
<td>32094</td>
<td>PSY 33 Personal &amp; Social Adjustment</td>
<td>2/1-5/23</td>
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<tr>
<td>31228</td>
<td>HUMN 65 The American Style</td>
<td>2/2-5/17</td>
</tr>
<tr>
<td>30489</td>
<td>ENGL 45 Studies in Fiction</td>
<td>2/2-5/24</td>
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<tr>
<td>31229</td>
<td>HUMN 65 The American Style</td>
<td>2/4-5/19</td>
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<tr>
<td>31418</td>
<td>ARTH 1 Introduction to Art</td>
<td>2/4-5/19</td>
</tr>
<tr>
<td>30732</td>
<td>BUS 22 Intro to Management</td>
<td>2/6-5/25</td>
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<tr>
<td>30806</td>
<td>BUS 7 Accounting for Small Business</td>
<td>2/6-5/25</td>
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<tr>
<td>31175</td>
<td>BUS 12 Intro to Business</td>
<td>2/6-5/25</td>
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<td>31177</td>
<td>BUS 26 Small Business Management</td>
<td>2/6-5/25</td>
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<tr>
<td>31284</td>
<td>BUS 1A Financial Accounting</td>
<td>2/6-5/25</td>
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<td>31227</td>
<td>BUS 32 Retail Store Management</td>
<td>2/6-5/25</td>
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<tr>
<td>31209</td>
<td>ESYS 90 Exam Preparation: CA Licensing</td>
<td>2/6-5/25</td>
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<tr>
<td>31081</td>
<td>FT 90B Firefighter I Cert Prep II</td>
<td>2/13-3/10</td>
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<tr>
<td>30168</td>
<td>PSCN 36 Women in Transition</td>
<td>2/16-4/19</td>
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<tr>
<td>32338</td>
<td>TUTR 31 ChabotLink Peer Advisor Trng</td>
<td>2/24-4/6</td>
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<tr>
<td>32615</td>
<td>ESL 108 Basic Spelling for ESL</td>
<td>2/24-5/18</td>
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<tr>
<td>31285</td>
<td>BUS 50C Interviewing for Success</td>
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<tr>
<td>31524</td>
<td>BUS 50F Developing a Business Plan</td>
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<tr>
<td>31830</td>
<td>BUS 50J Time Management Skills</td>
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### March

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<td>31448</td>
<td>PHED 1FC Fitness Center</td>
<td>3/5-5/25</td>
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<tr>
<td>31178</td>
<td>FT 89 Firefighter 1-Academy Intro</td>
<td>3/7-3/11</td>
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<tr>
<td>31186</td>
<td>ECD 88 Early Childhood Environments</td>
<td>3/10-3/10</td>
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<tr>
<td>31469</td>
<td>ESL 89 Issues in ECE</td>
<td>3/10-5/5</td>
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<tr>
<td>31220</td>
<td>PHED 3TCS Training - Competitive Soccer</td>
<td>3/12-5/18</td>
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<tr>
<td>32544</td>
<td>PHED 3TCS Training - Competitive Soccer</td>
<td>3/12-5/18</td>
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<tr>
<td>31253</td>
<td>CAS 54B Microsoft Excel II</td>
<td>3/12-5/12</td>
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<tr>
<td>30832</td>
<td>FT 90C Firefighter I Cert Prep III</td>
<td>3/13-3/31</td>
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<tr>
<td>30832</td>
<td>FT 90C Firefighter I Cert Prep III</td>
<td>3/13-3/31</td>
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<tr>
<td>30208</td>
<td>ENGL 116 Learning Skills/Diagnostic cli</td>
<td>3/14-5/16</td>
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<tr>
<td>32223</td>
<td>LIBS 2 Library Skills via Pop Culture</td>
<td>3/15-5/17</td>
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<tr>
<td>30209</td>
<td>ENGL 116 Learning Skills/Diagnostic cli</td>
<td>3/15-5/17</td>
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<tr>
<td>31176</td>
<td>RELS 50 Religions of the World</td>
<td>3/15-5/25</td>
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<tr>
<td>31425</td>
<td>DIGM 35B Dreamweaver II</td>
<td>3/19-5/16</td>
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<tr>
<td>32026</td>
<td>PHED 1SP Sports Conditioning</td>
<td>3/19-5/16</td>
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<tr>
<td>31326</td>
<td>CAS 72C Comp Keyboarding III</td>
<td>3/19-5/16</td>
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<tr>
<td>32359</td>
<td>CAS 72L Bus English Skills II</td>
<td>3/19-5/16</td>
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<td>32466</td>
<td>CAS 72G Intro to Microsoft Access</td>
<td>3/19-5/16</td>
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<td>CAS 72Q Microsoft Outlook</td>
<td>3/19-5/16</td>
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<td>30523</td>
<td>CAS 72D Elem Comp Keyboarding I</td>
<td>3/19-5/16</td>
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<td>CAS 72A Elem Comp Keyboarding II</td>
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<tr>
<td>32204</td>
<td>CAS 72E Intro to Microsoft Excel</td>
<td>3/19-5/16</td>
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<td>32465</td>
<td>CAS 72B Elem Comp Keyboarding II</td>
<td>3/19-5/16</td>
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<tr>
<td>30035</td>
<td>MUSL 1 Introduction to Music</td>
<td>3/19-5/18</td>
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### April

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<tr>
<td>30624</td>
<td>NURS 60C Adult Health III</td>
<td>4/2-5/24</td>
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<td>NURS 60C Adult Health III</td>
<td>4/2-5/24</td>
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<tr>
<td>30626</td>
<td>NURS 60C Adult Health III</td>
<td>4/2-5/24</td>
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<td>32450</td>
<td>NURS 60C Adult Health III</td>
<td>4/2-5/24</td>
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<tr>
<td>31233</td>
<td>NURS 60C Adult Health III</td>
<td>4/2-5/24</td>
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<tr>
<td>31361</td>
<td>NURS 60C Adult Health III</td>
<td>4/2-5/24</td>
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<td>32591</td>
<td>FT 91D Firefighter Survival</td>
<td>4/3-4/7</td>
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<td>30837</td>
<td>FT 91C I-200: Basic ICS (Inc Com Sys)</td>
<td>4/7-4/22</td>
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<td>31343</td>
<td>FT 89 Firefighter 1-Academy Intro</td>
<td>4/7-4/21</td>
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<td>30836</td>
<td>FT 91B Hazard Mat First Resp-Oper Lev</td>
<td>4/24-4/29</td>
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<td>31224</td>
<td>HLTH 85 Patient Stabl, Extric &amp; Triage</td>
<td>4/27-5/5</td>
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<td>30835</td>
<td>FT 91A CAL FIRE Wildland Basic Trg</td>
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### Short Term – Special Session

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<td>PHED 1SP Sports Conditioning</td>
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<td>31787</td>
<td>PHED 1SP Sports Conditioning</td>
<td>12/26-1/12</td>
</tr>
<tr>
<td>31788</td>
<td>PHED 1SP Sports Conditioning</td>
<td>12/26-1/12</td>
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<tr>
<td>32559</td>
<td>PHED 1SP Sports Conditioning</td>
<td>12/26-1/13</td>
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<tr>
<td>30708</td>
<td>PHED 41 Women’s Intercollegiate Bsktbl</td>
<td>1/3-3/2</td>
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</tbody>
</table>

Chabot College • Spring 2012 Class Schedule

510.723.6600 • www.chabotcollege.edu

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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.

Contacting the Department of Campus Safety and Security
The Chabot College Safety and Security Department public office is located in Rm. 2302 at the southeast corner of the first floor of Bldg. 2300 (adjacent to the cafeteria). This office is open from 6:30 am to 10 pm, Monday through Friday. If the office is closed the on-duty security officer can be contacted by telephone in the following ways:
- From any off-campus telephone dial 510.723.6923 or 6923 from any college phone.
- Activate anyone of the ten emergency call boxes located throughout the campus.
- For Emergencies Dial 911 From Any Phone.

Lost and Found
A centralized Lost and Found is located in the Campus Safety Office in Rm. 2302, Bldg. 2300. Lost articles may be turned in or retrieved between the hours of 8 am and 5 pm, Monday through Friday, and 8 am to 5 pm on Saturday. Articles deposited with the Lost and Found are held until the end of each semester. After this period, unclaimed items will be disposed of.

Safety Programs and Measures
Safe Ride Program: The Department of Campus Safety and Security offers escorts to the campus community to and from the parking lots for safety related issues. To arrange to have an escort accompany you from your classroom or office to your vehicle, dial 6923 from any college phone, or activate a nearby emergency call box. An escort will be dispatched by radio to meet you at your location.

Zero Tolerance: Chabot College maintains a Zero Tolerance policy regarding all forms of sexual violence. If you, or anyone you know, becomes the victim of sexual assault, domestic violence, or stalking, you may seek immediate help at the Campus Safety Office. The Department of Campus Safety and Security is committed to keeping the campus community informed about patterns, trends, or incidents that pose a threat or substantial risk to our community. Such information is typically published in special crime bulletins posted at the office of the Department of Campus Safety and Security or other campus media such as the campus newspaper, The Spectator. Safety through environmental design is yet another component of effective crime prevention. Our Maintenance and Operations Department works hard at keeping the campus grounds well groomed and adequately lit during darkness. The campus grounds and parking lots are lit at nighttime until 11 pm 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. Simply follow the directions on the Talk A Phone for assistance. The location of our Emergency Talk A Phones can be found under the Campus Map

Emergency Campus Telephones: These telephones can be found in all of our elevators and buildings. The telephones are marked “Emergency Telephone” and most are contained inside a red or white metal box mounted to the wall. Simply open the box, 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.

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. They are: 7 am to 10 pm Monday through Friday and 7 am to 5 pm on Saturday. There are typically special events that take place after the normal hours of operation, however, access is restricted to the special event(s). Individuals who need to be in campus buildings or areas outside the normal hours of operation must obtain authorization from their supervisor and must notify the on-duty campus safety officer of their presence. 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.

AlertU
Chabot College is now offering a SMS-based emergency notification service for your mobile phone. In the event of an emergency, Chabot students, staff, faculty and others will be alerted in real-time important security information. Simply text “Chabot” to 253788 (AlertU) and reply Y, or sign up online at www.alertu.com. Persons wishing to sign up can also enter in an email address and can be alerted to emergency information through an email message as well.

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: 510.293.7272.

<table>
<thead>
<tr>
<th>Category</th>
<th>2008</th>
<th>2009</th>
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<tr>
<td>Murder / Non Negligent Manslaughter</td>
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<tr>
<td>Negligent Manslaughter</td>
<td>0</td>
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<tr>
<td>Sexual Offenses-Forcible</td>
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<tr>
<td>Sexual Offenses-Non Forcible</td>
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<td>0</td>
</tr>
<tr>
<td>Robbery</td>
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<td>2</td>
<td>6</td>
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<tr>
<td>Aggravated Assault</td>
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<td>1</td>
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<tr>
<td>Burglary</td>
<td>17</td>
<td>5</td>
<td>3</td>
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<tr>
<td>Motor Vehicle Theft</td>
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<td>18</td>
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<tr>
<td>Arson</td>
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<td>1</td>
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<td>Liquor Law Violations</td>
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<td>Drug Law Violations</td>
<td>7</td>
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<td>2</td>
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<td>Illegal Weapons Possession</td>
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<td>0</td>
<td>4</td>
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<tr>
<td>Hate Crimes</td>
<td>1</td>
<td>1</td>
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</table>
Daily parking permits are purchased from dispensers located in all parking lots on campus.
- Daily Permits: $2

Motor Vehicles
- Fall/Spring Semester: $30
- Summer Session: $15

Motorcycle
- Fall/Spring Semester: $15
- Summer Session: $7.50

Please note: You must have a valid parking permit displayed on your vehicle to park on campus.

Disabled Parking
The California Education Code, Section 67301, allows for Community Colleges to charge parking fees for the use of the parking lot and specifically provides that student with disabilities and persons provided 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.
Associate in Science Degree—2011–12

(See Chabot College catalog for specific AS Degree majors)

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.

GRADUATION REQUIREMENTS

Area A. Language and Rationality:

A.1. English Composition
Complete a minimum of 3 SEM units
English 1A
Effective for all students admitted Fall 2009 or thereafter—complete with a grade of “C” or higher (Title 5 §5506 3)

A.2. Communication and Analytical Thinking
Complete a minimum of 3 SEM units
Business 14, 16, 31
Chinese 1A*, 1B*
Communication Studies 1, 2B, 10, 11*, 20, 30, 46
Computer Application 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
Mathematics 1, 2, 12, 15, 16, 20, 31, 33, 36, 37, 40, 43, 54, 54L, 55, 55A, 55B, 55L, 57, 65, 65B, 65L
Psychology 5
Spanish 1A*, 1B*
Theater Arts 3, 25*

B. Natural Science
Complete a minimum of 3 SEM units
Anatomy 1
Anthropology 1*, 1L
Astronomy 10, 20, 30
Biology 2, 2A, 2B, 4, 5, 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*
Microbiology 1
Physical Education 17
Physical Science 15
Physics 2A, 4A, 4B, 4C, 5, 11
Physiology 1

C. Humanities
Complete a minimum of 3 SEM units
Architecture 2A, 2B, 4A, 4B, 8A, 8B, 12, 14, 16
Art 2A, 3A, 10, 16A, 17, 22, 54, 56, 57, 58, 59
Art History 1, 4, 5, 6, 7, 20, 50, 51
Chinese 1A*, 1B*
Communication Studies 2A, 5, 6
English 11, 12, 13, 20, 21, 22, 24, 25, 26, 30, 32, 33, 38, 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, 75
Italian 1A*, 1B*, 2A, 2B
Japanese 1A*, 1B*
Music (MUSL) 1, 2A, 2B, 2C, 2D, 3, 4, 5, 8
Music (MUSP) 12A, 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
Theater Arts 1, 4, 10, 11, 12, 25*, 47, 48, 50

D. Social and Behavioral Sciences
Complete a minimum of 3 SEM units
Administration of Justice 50, 60, 70
Anthropology 1*, 2, 3, 5, 7, 8, 12
Business 12, 17, 36, 40, 42
Communication Studies 11*
Early Childhood Development 40, 51, 52, 62, 69, 79, 87
Economics 1, 2, 5, 10, 12
Entrepreneurship 1
Ethnic Studies 1, 2, 3
Geography 1*, 2, 3, 5, 10, 12, 21*, 22*
Health 8
Mass Communications 40
Political Science 1*, 10, 12, 20, 25, 30, 40
Psychology 1, 2, 3, 6, 8, 12, 33, 45
Psychology-Counseling 1, 4, 13
Sociology 1, 2, 3, 4, 8, 10, 11, 30
E. Wellness (Areas of Health or Physical Education)
Complete a minimum of 1 SEM unit
- Early Child Dev 54
- Health 1 or 4
- Nutrition 1
- Physical Education 18, 65
- Physical Education (activity) 1, 2, 3, 4, 5, 6, 10, 13, 13R, 14, 30-48, 50, 62

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 General Education Requirement.
Complete a minimum of 3 SEM units.
See the catalog for that specific AS Degree for the Program-Based GE.

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 Dev 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

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). MTH 1, 2, 15, 16, 20, 31, 33, 36, 37, 40, 43, 54, 54L, 55, 55B, 55L, 57

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 for AS Degree
1. All requirements for the major must be met with a grade of “C” 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 Studies programs will need a total of 12 units in residence at Chabot College in general education, major or elective course. See Engineering major for specific residency requirement.
4. All courses in the major need to have a grade of “C” 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.

(NOTE: Courses taken at Las Positas, even with the same course name & number, may not satisfy this requirement. See a counselor for assistance.)

*May be used to fulfill one area only unless otherwise stated
Associate in Arts Degree—2011–12

(See Chabot College catalog for specific AA Degree majors)

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.

GRADUATION REQUIREMENTS

Area A. Language and Rationality:

A.1. English Composition
Complete a minimum of 3 SEM 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 SEM units

Business 10
English 4, 7
French 2A*, 2B*
German 2A*, 2B*
Italian 2A*, 2B*
Spanish 2A*, 2B*

A.3. Communication & Analytical Thinking
Complete a minimum of 3 SEM units

Business 14, 16, 31
Chinese 1A*, 1B*
Communication Studies 1, 2B, 10, 11*, 20, 30, 46
Computer Application 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
Mathematics 1, 2, 12, 15, 16, 20, 31, 33, 36, 37, 40, 43, 54, 54L, 55, 55A, 55B, 55L, 57, 65, 65B, 65L
Psychology 5
Spanish 1A*, 1B*
Theater Arts 3, 25*

B. Natural Science
Complete a minimum of 3 SEM units

Anatomy 1
Anthropology 1*, 1L
Astronomy 10, 20, 30
Biology 2, 2A, 2B, 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*
Microbiology 1
Physical Education 17
Physical Science 15
Physics 2A, 4A, 4B, 4C, 5, 11
Physiology 1

C. Humanities
Complete a minimum of 3 SEM units

Architecture 2A, 2B, 4A, 4B, 8A, 8B, 12, 14, 16
Art 2A, 3A, 10, 16A, 17, 22, 54, 56, 57, 58, 59
Art History 1, 4, 5, 6, 7, 20, 50, 51
Chinese 1A*, 1B*
Communication Studies 2A, 5, 6
English 11, 12, 13, 20, 21, 22, 24, 25, 26, 30, 32, 33, 38, 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, 75
Italian 1A*, 1B*, 2A*, 2B*
Japanese 1A*, 1B*
Music (MUSL) 1, 2A, 2B, 2C, 2D, 3, 4, 5, 8
Music (MUSP) 12A, 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, 10, 11, 12, 25*, 47, 48, 50

D. Social and Behavioral Sciences
Complete a minimum of 3 SEM units

Administration of Justice 50, 60, 70
Anthropology 1*, 2, 3, 5, 7, 8, 12
Business 12, 17, 36, 40, 42
Communication Studies 11*
Early Childhood Development 40, 52, 56, 62, 69, 79, 87
Economics 1, 2, 5, 10, 12
Entrepreneurship 1
Ethnic Studies 1, 2, 3
Geography 1*, 2, 3, 5, 10, 12, 21*, 22*
Health 8
Mass Communications 40
Political Science 1*, 10, 12, 20, 25, 30, 40
Psychology 1, 2, 3, 6, 8, 12, 33, 45
Psychology-Counseling 1, 4, 13
Sociology 1, 2, 3, 4, 8, 10, 11, 30
E. Wellness (E1 & E2)

E.1. Areas of Health (a. or b.)
Choose one of the following classes:

a. Early Child Dev 54 or Health 1 or 4 or Nutrition 1 or Physical Education 18, 65 OR
b. AA Degree in Nursing or Dental Hygiene

E.2. Physical Education
Complete a minimum of 1SEM unit

Physical Education (activity) 1, 2, 3, 4, 5, 6, 10, 13, 13R, 14, 30-48, 50, 62

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.

American Institutions
Complete a minimum of 3 SEM units

History 7*, 8*, 12*, 20*, 21*, 22*, 25*, 27* OR Political Science 1*

AMERICAN CULTURES
(For new or returning students effective Fall 1995 & 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 Dev 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

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) MTH 1, 2, 15, 16, 20, 31, 33, 36, 37, 40, 43, 54, 54L, 55, 55B, 55L, 57

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 for AA Degree

1. All requirements for the major must be met with a grade of “C” 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 Studies programs will need a total of 12 units in residence at Chabot College in general education, major or elective courses. See Engineering major for specific residency requirements.
4. All courses in the major need to have a grade of “C” 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.

(NOTE: Courses taken at Las Positas, even with the same course name & number, may not satisfy this requirement. See a counselor for assistance.)

*May be used to fulfill one area only unless otherwise stated
COMPLETING CSU GENERAL EDUCATION-BREADTH (CSU/GEB)

Chabot College students have the opportunity to complete all of their lower division CSU/GE requirements for the BA/BS Degree prior to transfer to any of the 23 California State Universities. By following the pattern of General Education (GE) requirements on the reverse side the student will be eligible for “Certification of General Education Breadth Requirements.”

CERTIFICATION

Certification of General Education Breadth Requirement does not happen automatically; you must request CSU/GE certification at the time that you request your final transcript to be sent to the CSU school of your choice. File your request with Admissions and Records.

Two types of certification

**Full CSU/GE Certification:** The student is eligible for FULL CSU/GE CERTIFICATION when they have completed the required number of units and courses in each GE Area, A-E and U.S. History, Constitution and American Ideals*. This student will not have to complete additional lower division GE requirements that may be required at that CSU school. This student will be responsible for additional upper division units, typically 9 semester (12 quarter) units, in GE, after transfer.

(*) Area F: U.S. History, Constitution and American Ideals is not a part of CSU/GE Certification, however the courses that comprise this requirement can be counted in the Area D “Human Social, Political and Economic Institutions and Behavior.”

**Partial CSU/GE Certification:** Partial CSU/GE Certification is granted when one or more GE Areas have been completed. A student who transfers to a CSU with partial GE Certification will not have to complete additional GE requirements in that same GE area upon transfer. They may have to complete additional lower division GE requirements in other GE areas that were not certified, plus additional units of upper division GE, typically 9 semester (12 quarter) units.

TO TRANSFER AS A JUNIOR (Upper Division Transfer) TO A CSU YOU MUST:

• Complete Areas A1, A2, A3 and B4 with a grade of C (CP) or better.
• Complete an additional 18 units from CSU/GE areas A-E, (including the units from above) for a total of 30 GE units. All courses would need to have a grade C (CP) or better.
• Complete an overall total of 60 semester (90 quarter) CSU transferable units with a cumulative GPA of 2.0 (C). See Flyer #100 for a complete listing of CSU Transferable courses.

See a counselor for assistance with CSU admission and transfer requirements.

Additional Certification requirements:

1. No more than 39 semester (58.5 quarter) units may be certified for the CSU General Education Breadth Requirements.
2. No more than 30 semester (45 quarter) units may be certified in Areas B through D combined.
3. Upon transfer, the student may be expected to complete a minimum of 9 semester units (upper division) of General Education Breadth Requirements at the CSU granting the baccalaureate degree and other specific graduation requirements of the transfer school.

**FULL CSU/GE Certification**

<table>
<thead>
<tr>
<th>Area</th>
<th>at Chabot</th>
<th>at Transfer Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Language and Communication</td>
<td>9 lower division semester units</td>
</tr>
<tr>
<td>B</td>
<td>Natural Science and Math</td>
<td>9 lower division semester units</td>
</tr>
<tr>
<td>C</td>
<td>Arts &amp; Humanities</td>
<td>9 lower division semester units</td>
</tr>
<tr>
<td>D</td>
<td>Social Science</td>
<td>9 lower division semester units</td>
</tr>
<tr>
<td>E</td>
<td>Self Development</td>
<td>3 lower division semester units</td>
</tr>
<tr>
<td>F</td>
<td>American Institutions</td>
<td>6-8 lower division units**</td>
</tr>
</tbody>
</table>

(**) Units specifically for U.S. History, Constitution and American Ideals are not counted in the 39 unit limit for GE Certification.
#101

## GENERAL EDUCATION BREADTH REQUIREMENTS

**CHABOT COLLEGE**

**Effective Fall 2011, Spring 2012, Summer 2012**

*Courses (1-2 units) may be listed in more than one area, but shall not be counted in more than one area. Exception: courses taken in Area F can be used in Area D.*

### [A.] ENGLISH LANGUAGE COMMUNICATION AND CRITICAL THINKING

Select at least one course from each group. (9 sem. units)

<table>
<thead>
<tr>
<th>Group</th>
<th>Course</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>A1</td>
<td>Communication Studies 1, 20, 30, 45</td>
<td></td>
</tr>
<tr>
<td>A2</td>
<td>English 1A</td>
<td></td>
</tr>
<tr>
<td>A3</td>
<td>Communication Studies 46, English 4, English 7, History 5, Math 12</td>
<td>A2</td>
</tr>
</tbody>
</table>

### [B.] SCIENTIFIC INQUIRY AND QUANTITATIVE REASONING

Select at least one course from Group B1, B2, and B4. At least one course must include a laboratory B3. Underlined courses are laboratory courses. Some labs are separate classes. (9 sem. units)

<table>
<thead>
<tr>
<th>Group</th>
<th>Course</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>B1</td>
<td>Physical Sciences Astronomy 10, 20, 30</td>
<td>B1</td>
</tr>
<tr>
<td></td>
<td>Biotechnology 20</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Chemistry 1A, 1B, 5, 8, 10, 12A, 12B, 30A, 30B, 31</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Geography 1, 11, 4</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Physical Sciences 19</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Physics 2A, 2B, 4A, 4B, 5, 11</td>
<td>B1</td>
</tr>
<tr>
<td></td>
<td>Psychology 2</td>
<td></td>
</tr>
<tr>
<td>B2</td>
<td>Life Science Anatomy 1</td>
<td>B2</td>
</tr>
<tr>
<td></td>
<td>Anthropology 1A, 1L</td>
<td>B2</td>
</tr>
<tr>
<td></td>
<td>Biology 2A, 2B, 4A, 5, 10, 25, 31, 50</td>
<td>B2</td>
</tr>
<tr>
<td></td>
<td>Biotechnology 30</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Environmental Science 10, 11</td>
<td>B2</td>
</tr>
<tr>
<td></td>
<td>Microbiology 1</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Physiology 1</td>
<td></td>
</tr>
<tr>
<td>B3</td>
<td>Lab Science Requirement (B3)</td>
<td>B3</td>
</tr>
<tr>
<td></td>
<td>Any underlined number satisfies this requirement</td>
<td></td>
</tr>
<tr>
<td>B4</td>
<td>Mathematics (Must have grade of &quot;C&quot; or better) Mathematics 1, 2, 3, 4, 6, 8, 15, 15, 20, 31, 33, 36, 37, 40, 43</td>
<td>B4</td>
</tr>
</tbody>
</table>

### [C.] ARTS AND HUMANITIES: Select at least one or two courses from each of the two discipline areas C1 and C2. (9 sem. units)

<table>
<thead>
<tr>
<th>Group</th>
<th>Course</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>C1</td>
<td>Arts (Art, Dance, Music, Theatre) Architecture 1</td>
<td>C1</td>
</tr>
<tr>
<td></td>
<td>Art History 1, 4, 5, 6, 7, 20, 51</td>
<td>C1</td>
</tr>
<tr>
<td></td>
<td>Film 50, 60</td>
<td>C1</td>
</tr>
<tr>
<td></td>
<td>Music 1, 3, 4, 5, 8</td>
<td>C1</td>
</tr>
<tr>
<td></td>
<td>Photography 20</td>
<td>C1</td>
</tr>
<tr>
<td></td>
<td>Theater Arts 1, 5, 7, 10, 11, 12, 16, 40</td>
<td>C1</td>
</tr>
<tr>
<td>C2</td>
<td>Humanities (Literature, Philosophy, Foreign Languages) Chinese 1A, 1B</td>
<td>C2</td>
</tr>
<tr>
<td></td>
<td>Communication Studies 2A, 5</td>
<td>C2</td>
</tr>
<tr>
<td></td>
<td>English 11, 12, 13, 20, 21*, 22*, 24, 25, 26, 30, 32, 38, 45,48</td>
<td>C2</td>
</tr>
<tr>
<td></td>
<td>French 1A, 1B, 2A, 2B</td>
<td>C2</td>
</tr>
<tr>
<td></td>
<td>General Studies 31*</td>
<td>C2</td>
</tr>
<tr>
<td></td>
<td>German 1A, 1B, 2A, 2B</td>
<td>C2</td>
</tr>
<tr>
<td></td>
<td>History 1*, 2*, 3*, 4*</td>
<td>C2</td>
</tr>
<tr>
<td></td>
<td>Humanities 50, 60, 65, 68, 72, 75</td>
<td>C2</td>
</tr>
<tr>
<td></td>
<td>Italian 1A, 1B, 2A, 2B</td>
<td>C2</td>
</tr>
<tr>
<td></td>
<td>Japanese 1A, 1B</td>
<td>C2</td>
</tr>
<tr>
<td></td>
<td>Philosophy 50, 60, 65, 70</td>
<td>C2</td>
</tr>
<tr>
<td></td>
<td>Religious Studies 50, 64, 65, 70, 72</td>
<td>C2</td>
</tr>
<tr>
<td></td>
<td>Sign Language 64, 65</td>
<td>C2</td>
</tr>
<tr>
<td></td>
<td>Spanish 1A, 1B, 2A, 2B, 5</td>
<td>C2</td>
</tr>
</tbody>
</table>

### [D.] SOCIAL SCIENCES: Select courses from at least two different disciplines- D1 through D9. (9 sem. units)

<table>
<thead>
<tr>
<th>Group</th>
<th>Course</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>D1</td>
<td>Anthropology / Archaeology Anthropology 1, 2, 3, 5, 7, 8, 12</td>
<td>D1</td>
</tr>
<tr>
<td></td>
<td>Economics 1, 2, 5, 10, 12</td>
<td>D1</td>
</tr>
<tr>
<td>D2</td>
<td>Ethnic Studies Anthropology 5*</td>
<td>D2</td>
</tr>
<tr>
<td></td>
<td>English 21*, 22*</td>
<td>D2</td>
</tr>
<tr>
<td></td>
<td>Ethnic Studies 1, 2, 3</td>
<td>D2</td>
</tr>
<tr>
<td></td>
<td>History 19*, 21*, 22*, 25*</td>
<td>D2</td>
</tr>
<tr>
<td></td>
<td>Psychology - Counseling 4</td>
<td>D2</td>
</tr>
<tr>
<td>D3</td>
<td>Gender Studies English 33</td>
<td>D3</td>
</tr>
<tr>
<td></td>
<td>General Studies 31*</td>
<td>D3</td>
</tr>
<tr>
<td></td>
<td>History 27*</td>
<td>D3</td>
</tr>
<tr>
<td>D4</td>
<td>Geography Geography 2, 3, 5, 10, 12, 20</td>
<td>D4</td>
</tr>
</tbody>
</table>

### [E.] LIFELONG LEARNING AND SELF DEVELOPMENT (3 semester units)

<table>
<thead>
<tr>
<th>Course</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical Education (Lecture) 15, 18, 57, 58, 65</td>
<td>E</td>
</tr>
<tr>
<td>Psychology 12*</td>
<td>E</td>
</tr>
<tr>
<td>Psychology Counseling 10, 11, 20</td>
<td>E</td>
</tr>
<tr>
<td>Sociology 8, 30*</td>
<td>E</td>
</tr>
</tbody>
</table>

*(NOTE: AREA E, waived and 3 units granted for students with a DD-214)*

### [F.] CSU graduation requires completion of US History, Constitution and American Ideals Requirement.

One of the following combinations will satisfy this requirement:

<table>
<thead>
<tr>
<th>Group</th>
<th>Course</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group 1: History 7 and</td>
<td>History 8, 12, 21, 22, 25, or 27 or Political Science 1</td>
<td>F1</td>
</tr>
<tr>
<td>Group 2: Political Science 1 and</td>
<td>History 7, 8, 20, 21, 22, 25, or 27</td>
<td>F2</td>
</tr>
</tbody>
</table>

*NOTE: POSC 12 is coded as US-3 and can be applied as necessary with a US-1 and US-2 to complete this requirement. (see www.ASSIST.org for explanation of the US History, Constitution and American Ideals requirement.)*

To access form online, please go to http://www.chabotcollege.edu/Counseling/tecs/articulation.asp
Intersegmental General Education Transfer Curriculum

Effective Fall 2011, Spring 2012, Summer 2012

The Intersegmental General Education Transfer Curriculum IGETC is a general education pattern of courses which community college transfer students can use to fulfill lower-division general education requirements for either the CSU or UC systems, without the need, after transfer, to take additional lower-division general education courses.

The IGETC is NOT an part of the admissions requirements for CSU or UC; however, full completion of IGETC can be used as a selection criteria for specific programs and majors. We advise you to complete the entire IGETC pattern by end of the Spring term of the year you plan to transfer. For information about the courses required for lower division major preparation use ASSIST (www.assist.org).

The IGETC is NOT advisable for all transfer students. While all CSUs accept IGETC, some colleges within the UC system do not. Students who intend to transfer into high unit majors, such as engineering, business or some pre-professional programs, should concentrate on completing the prerequisites for the major that the college screens to determine eligibility. The IGETC will probably be MOST USEFUL for those students wishing to keep their options open before making a final decision about transferring to a particular UC or CSU campus. It is strongly recommended that students consult with a counselor to determine which general education pattern is best for their transfer goals.

GUIDELINES FOR USING IGETC:

1. Most students who use IGETC will complete ALL sections which will qualify them for FULL CERTIFICATION of the appropriate UC or CSU options. PARTIAL Certification is defined as completing all but two (2) courses on the IGETC pattern. The student petitions for certification and either the complete or partial certification is sent by Chabot to the designated CSU or UC where the student is planning on attending. If the student is partially IGETC certified, the CSU or UC will inform the student what classes they need to complete and what the completion deadline is for that campus. Please note: IGETC Areas 1 and 2 need to be completed to meet minimum UC or CSU admissions requirements.

2. CERTIFICATION: Certification does not happen automatically; the student must request IGETC Certification at the same time a request for a final transcript to be sent to the CSU or UC school is made. In most cases Certification is completed by the last community college attended. Requests for IGETC Certification are made with Admissions and Records, Bldg. 700.

3. All IGETC courses must be completed with a grade of C or better or a “P” (Pass).

4. CSU transfers are required to complete the Oral Communications (AREA 1. Group C). It is recommended they also complete the U.S. History, Constitution and American Ideals (AI) even though it is not part of IGETC Certification nor required for admissions to CSU. Courses used to meet this requirement may also be used to satisfy IGETC Subject Area requirements; however, CSU campuses do have the discretion whether to allow courses to satisfy the CSU U.S. History, Constitutions and American Ideals (AI) graduation requirement to count in both 4F and to meet the AI graduation requirement.

5. UC transfers need to complete the Foreign Language requirement. If you completed this requirement in high school or at another college, you will need to send us an official high school (or college) transcript. UC transfers are NOT required to complete the Oral Communications (Area A, Group C) or U.S. History, Constitution or American Ideals requirement.

6. Courses taken at other 4-year institutions, except for foreign institutions, can be used to certify IGETC. Students should be aware, however, that placement of courses within IGETC subject areas may vary from college to college. Placement of a course will be based on the college of attendance and its IGETC pattern at the time the course was taken. See a counselor for assistance.

7. Students who initially enroll at a UC campus, then leave and attend a community college, and subsequently return to the same UC campus are considered “readmits” and as such may not use IGETC. However if the student attends a different UC, then the use of IGETC is allowed. CSU does not have a system-wide policy that addresses this issue. See a counselor if you have questions about this notation.

Using IGETC to complete lower division general education requirements is a GREAT way to save time and money in terms of completing GE graduation requirements at UC or CSU. It may be just right for you. However, it is very important that you consult with a counselor in developing your IGETC educational plan. While every assurance is taken in providing up-to-the-minute accurate written information ... our counselors are your BEST RESOURCE.

Please make an appointment today to discuss what IGETC can do for YOU!!

*This pattern applies to courses completed in Fall, ’11, Spring, ’12 and Summer, ’12. If you completed courses prior to these semesters, please consult the IGETC pattern for the year YOU completed the course. Consult with a counselor for clarification.*
Intersegmental General Education Transfer Curriculum

IGETC - Effective Fall 2011, Spring 2012, Summer 2012

(*) A course may be listed in more than one area, but shall not be certified in more than one area.
(+) Transfer credit may be limited by UC or CSU or both.

<table>
<thead>
<tr>
<th>AREA 1 - ENGLISH COMMUNICATION</th>
<th>C</th>
<th>IP</th>
<th>N</th>
</tr>
</thead>
<tbody>
<tr>
<td>CSU certification requires 3 courses - one from each group below (Group A, B, and C).</td>
<td>Group 1A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>UC certification requires 2 courses - one from Group A and one from Group B.</td>
<td>Group 1B</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Group 1A: English Composition</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(1 course, 3 sem. units)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>English 1A</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Group 1C: Oral Communication (CSU Only)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(1 course, 3 sem. units)</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>AREA 2A - MATHEMATICAL CONCEPTS AND QUANTITATIVE REASONING</th>
<th>(1 course, 3 sem. units)</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>AREA 3 - ARTS AND HUMANITIES:</th>
<th>(At least 3 courses, 9 sem. units). At least one course must be from the ARTS area and one course must be from the HUMANITIES area.</th>
</tr>
</thead>
<tbody>
<tr>
<td>3A ARTS:</td>
<td>3A HUMANITIES:</td>
</tr>
<tr>
<td>English 20, 21, 22, 24, 25, 26, 30, 32, 33, 38, 46, 48, Philosophy 50, 60, 65, 70, Religion Studies 50, 64, 65, 70, 72</td>
<td>Italian 2A, 2B, Spanish 2A, 2B</td>
</tr>
<tr>
<td>Art History 1, 4, 5, 6, 7, 20</td>
<td>History 1*, 2*, 3*, 4*, Languages 60, 68, 75</td>
</tr>
<tr>
<td>Music 1, 3, 4, 5, 8</td>
<td>French 2A, 2B</td>
</tr>
<tr>
<td>Photography 20</td>
<td>German 2A, 2B</td>
</tr>
<tr>
<td>Theater Arts 10, 11, 12</td>
<td>General Studies 31</td>
</tr>
<tr>
<td>History 1*, 2*, 3*, 4*, Humanities 60, 68, 75</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>AREA 4 - SOCIAL AND BEHAVIORAL SCIENCES:</th>
<th>At least 3 courses, 9 sem. units). Courses MUST be completed from at least TWO disciplines or from an interdisciplinary sequence.</th>
</tr>
</thead>
<tbody>
<tr>
<td>4A Anthropology</td>
<td>4G Interdisciplinary, Social and Behavioral Sciences</td>
</tr>
<tr>
<td>Anthropology 1*, 2, 3, 5, 7, 8, 12</td>
<td>Communication Studies 11</td>
</tr>
<tr>
<td>4B Economics</td>
<td>Early Childhood Development 52, 56</td>
</tr>
<tr>
<td>Economics 1, 2, 5, 10*</td>
<td>4H Political Science</td>
</tr>
<tr>
<td>4C Ethnic Studies</td>
<td>Administration of Justice 60</td>
</tr>
<tr>
<td>Ethnic Studies 1, 2, 3</td>
<td>Political Science 11, 20, 25, 30, 40</td>
</tr>
<tr>
<td>Psychology-Counseling 4</td>
<td>4I Sociology</td>
</tr>
<tr>
<td>Sociology 10</td>
<td>Psychology 1*, 2, 3, 4, 12, 33</td>
</tr>
<tr>
<td>4E Geography</td>
<td>Sociology and Criminology</td>
</tr>
<tr>
<td>Geography 2, 3, 5, 12</td>
<td>Administration of Justice 50</td>
</tr>
<tr>
<td>4F History</td>
<td>Sociology 1*, 2, 3, 4, 30</td>
</tr>
<tr>
<td>History 1*, 2*, 3*, 4*, 7, 8, 12, 19, 20, 21, 22, 25, 27</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>AREA 5 - PHYSICAL AND BIOLOGICAL SCIENCES:</th>
<th>(At least 2 courses, 7-9 sem. units) One course Physical Science and one course Biological Sciences. A lab must be included in either selection. (Underlined classes contain a lab. Some labs are offered as a separate class.</th>
</tr>
</thead>
<tbody>
<tr>
<td>5A PHYSICAL SCIENCE:</td>
<td>5B BIOLOGICAL SCIENCES:</td>
</tr>
<tr>
<td>Astronomy 1*, 20*, 30</td>
<td>Anatomy 1*</td>
</tr>
<tr>
<td>Biotechnology 20</td>
<td>Anthropology 1*, 1L</td>
</tr>
<tr>
<td>Chemistry 1A*, 1B*, 5, 8, 10*, 12A, 12B, 30A*, 30B*, 31*</td>
<td>Biology 2, 2A, 2B, 4, 6, 10*, 25, 31*, 50*</td>
</tr>
<tr>
<td>Geophysics 1, 8, 15</td>
<td>Environmental Science 10*, 11</td>
</tr>
<tr>
<td>Geomophysics 15</td>
<td>Microbiology 1</td>
</tr>
<tr>
<td>Physics 2A*, 2B*, 3A*, 4A*, 4B*, 4C*, 5, 11</td>
<td>Physiology 1*</td>
</tr>
</tbody>
</table>

| LANGUAGE OTHER THAN ENGLISH (UC ONLY REQUIREMENT): | Proficiency equivalent to two years of high school study in the same language. This requirement can be satisfied by: (1) Proficiency equivalent to two years of high school study in the same language completed with a "C" or better, (2) earning a 3 or higher on the Foreign Language Advanced Placement Test, (3) earning a score of 500 or better on the College Board Advanced Placement Test or (4) as a native speaker of a language other than English, demonstration of foreign language proficiency, (5) or complete one of the following courses: Chinese 1B, French 1B, German 1B, Italian 1B, Japanese 1B, Spanish 1B or American Sign Language 65 (Other languages may apply, see a counselor) |

<table>
<thead>
<tr>
<th>CSU GRADUATION REQUIREMENT - U.S. HISTORY, CONSTITUTION AND AMERICAN IDEALS</th>
</tr>
</thead>
<tbody>
<tr>
<td>While this 6 unit requirement is not part of IGTEC Certification, it is recommended that students transferring to the CSU system complete the two courses. Courses used for this requirement MAY be used to satisfy AREA 4 requirements. Total 5 sem. units. One of the following combinations will satisfy this requirement. Choose either 2 classes from Group 1 or Group 2:</td>
</tr>
<tr>
<td>Group 1: History 7 and</td>
</tr>
<tr>
<td>One class from:</td>
</tr>
<tr>
<td>History 6, 12, 21, 22, 25, 27</td>
</tr>
<tr>
<td>(NOTE: POSE 12 is coded as US-3 and can be applied as necessary with a US-1 and US-2 to complete this requirement)</td>
</tr>
</tbody>
</table>

The material in this publication has been prepared from IGTEC handouts as carefully as possible. Chabot College does not assume responsibility for inaccuracy or changes in the.
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.

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, degrees and awards received and dates of attendance. Any student who does not wish such information to be released about him/herself shall notify the Office of Admissions and Records 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

For more information regarding FERPA regulations and confidentiality and privacy of student records, go to http://www.chabotcollege.edu/admissions/ferpa.asp.

Chabot College FERPA Officials

<table>
<thead>
<tr>
<th>Student Records</th>
<th>Student Discipline</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paulette Lino</td>
<td>Dr. Howard Irvin</td>
</tr>
<tr>
<td>Director, A &amp;R</td>
<td>V P, Student Services</td>
</tr>
<tr>
<td>510.723.2665</td>
<td>510.723.6744</td>
</tr>
<tr>
<td><a href="mailto:plino@chabotcollege.edu">plino@chabotcollege.edu</a></td>
<td><a href="mailto:hirvin@chabotcollege.edu">hirvin@chabotcollege.edu</a></td>
</tr>
</tbody>
</table>
INSTRUCTIONS:
The start time and meeting days determine placement of
the class in Group I or II. In determin—ing 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 courses only. Students taking short-term courses will be given their final exams on
the last day of class. Consult with your faculty member for details.

### Final Exam Schedule

#### SPRING SEMESTER 2012 • FINAL EXAM SCHEDULE

**ALL SECTIONS: Grades to be filed no later than Wednesday May 30, 2012**

#### INSTRUCTIONS:
The start time and meeting days determine placement of
the class in Group I or II. In determin—ing 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
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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.

#### DAY CLASSES

Day Classes (classes meeting before 4:30 pm) include the
following combinations in the class schedule:

**GROUP I:**
MW classes; also MTWTh, MWF, MTWF, MWThF,
MTThF, MT, MTh, MF, WF, M only, W only, & Daily classes

**GROUP II:**
TTh classes; also TThF, TW, TWH, TF, ThF, WTh, MTTh,
TWThF, and T only classes

**GROUP III:**
Classes scheduled “by arrangement” and Th only and F
only classes

#### FINAL EXAMINATION TIMES (Common Block Times in BOLD)

<table>
<thead>
<tr>
<th>EXAMINATION TIME</th>
<th>MONDAY MAY 21</th>
<th>TUESDAY MAY 22</th>
<th>WEDNESDAY MAY 23</th>
<th>THURSDAY MAY 24</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:30-9:20 am</td>
<td>GROUP I – 7, 7:30</td>
<td></td>
<td>GROUP II – 9, 9:30, 9:45 am classes</td>
<td>Group III – 7:30, 7:45 am classes</td>
</tr>
</tbody>
</table>
| 8:00-9:50 am     | GROUP I – 10, 10:30, 10:40 am classes | Group I
11, 11:30 am classes | Group I – 9, 9:30, 9:45 am classes | Group II
8, 8:30 am classes |
| 10:00-11:50 am   | GROUP II – 1, 1:15, 1:30, 1:45 pm classes | Group I
1, 1:15 pm classes | Group I
12, 12:30, 12:45 pm classes
| | Group II
3, 3:30 pm classes |
| 12:00-1:50 pm    | | | Group II
3, 3:30 pm classes |
| 2:00-3:50 pm     | Group I
2, 2:30 pm classes | Group I
2, 2:30 pm classes | Group III – 2, 3, 4 pm classes |

#### LATE AFTERNOON, EVENING, SATURDAY and OFF-CAMPUS CLASSES

<table>
<thead>
<tr>
<th>SCHEDULED CLASS MEETING DAYS</th>
<th>SATURDAY MAY 19</th>
<th>MONDAY MAY 21</th>
<th>TUESDAY MAY 22</th>
<th>WEDNESDAY MAY 23</th>
<th>THURSDAY MAY 24</th>
</tr>
</thead>
<tbody>
<tr>
<td>Monday only classes</td>
<td>Final Exam Day*</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tue/Thurs &amp; Tuesday only classes</td>
<td></td>
<td>Final Exam Day*</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mon/Wed &amp; Wed only classes</td>
<td></td>
<td></td>
<td>Final Exam Day*</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Thursday only classes</td>
<td></td>
<td></td>
<td></td>
<td>Final Exam Day*</td>
<td></td>
</tr>
<tr>
<td>Saturday only classes</td>
<td>Final Exam Day*</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* Meet at the REGULAR MEETING ROOMS AND TIMES. Final examinations should be scheduled for TWO HOURS.
Building Identification

* Two Story Building

<table>
<thead>
<tr>
<th>Building Category</th>
<th>Building Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Administration</td>
<td>200</td>
</tr>
<tr>
<td>Art</td>
<td>1000</td>
</tr>
<tr>
<td>Assessment</td>
<td>714</td>
</tr>
<tr>
<td>Auditorium</td>
<td>1300</td>
</tr>
<tr>
<td>Biological Sciences</td>
<td>2100</td>
</tr>
<tr>
<td>Bookstore</td>
<td>3500</td>
</tr>
<tr>
<td>Cafeteria / Campus Safety</td>
<td>2300</td>
</tr>
<tr>
<td>Office of Student Life/Student Center</td>
<td>2300</td>
</tr>
<tr>
<td>Chemistry / Computer Science</td>
<td>3900</td>
</tr>
<tr>
<td>Community Services &amp; Student Services</td>
<td>700</td>
</tr>
<tr>
<td>Disable Student Resource Center</td>
<td>3200</td>
</tr>
<tr>
<td>Disabled Student Resource Center</td>
<td>2400</td>
</tr>
<tr>
<td>Early Childhood Development Center</td>
<td>3500, 3700</td>
</tr>
<tr>
<td>Emergency Medical Services</td>
<td>3100</td>
</tr>
<tr>
<td>English / ESL / World Languages</td>
<td>300</td>
</tr>
<tr>
<td>Gymnasium</td>
<td>2500</td>
</tr>
<tr>
<td>Health Sciences / Dental Health</td>
<td>2200</td>
</tr>
<tr>
<td>Humanities Faculty Offices</td>
<td>1100</td>
</tr>
<tr>
<td>Humanities</td>
<td>900</td>
</tr>
<tr>
<td>Instructional Office Building</td>
<td>400</td>
</tr>
<tr>
<td>Language Arts</td>
<td>800</td>
</tr>
<tr>
<td>Library</td>
<td>100</td>
</tr>
<tr>
<td>Maintenance Building &amp; Warehouse</td>
<td>3000</td>
</tr>
<tr>
<td>Mathematics / Physics / Geology</td>
<td>1700</td>
</tr>
<tr>
<td>Men's Shower &amp; Locker Rooms</td>
<td>2800</td>
</tr>
<tr>
<td>MusicSkills Center / Little Theatre</td>
<td>1200</td>
</tr>
<tr>
<td>PE Faculty Offices / Classrooms</td>
<td>2600</td>
</tr>
<tr>
<td>Physical Education Classrooms</td>
<td>2900</td>
</tr>
<tr>
<td>Reprographics Center / PrintShop / Graphic Arts</td>
<td>3400</td>
</tr>
<tr>
<td>Science &amp; Mathematics Faculty Office</td>
<td>2000</td>
</tr>
<tr>
<td>Science Lecture Hall / Planetarium</td>
<td>1900</td>
</tr>
<tr>
<td>Social Science</td>
<td>500</td>
</tr>
<tr>
<td>Technology / Engineering</td>
<td>1600</td>
</tr>
<tr>
<td>Technology Center</td>
<td>1400</td>
</tr>
<tr>
<td>Technology Faculty Offices</td>
<td>1500</td>
</tr>
<tr>
<td>The Annex</td>
<td>3300</td>
</tr>
<tr>
<td>Women's Shower &amp; Locker / Classroom</td>
<td>2700</td>
</tr>
</tbody>
</table>

Emergency Talk a Phone Locations:

- Parking Lot J
- Parking Lot B Section B1, B4, B6, B15
- Parking Lot A Section A2, A8 near Campus Drive
- Parking Lot D near Building 3900
- Parking Lot E near Building 3400 behind the Building 1400 Automotive
- Parking Lot E near Building 3400 behind the Building 3500 Child Care
- Building 1400 between Building 1600
- 1800 between Building 2000
- 1900 between Building 2200
- 2300 walkway by Building 100
- 2100 walkway facing 2400
- 2500 walkway next to Bookstore
- 100 walkway next to Building 500
- Building 2700 on the Swimming Pool upper deck
- Softball Field Snack Bar Wall
- Soccer / Tennis Court Storage on Athletic pathway